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THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

June 11, 2019

THIS IS TO CERTIFY THAT ANNEXED IS A TRUE COPY FROM THE RECORDS OF THIS OFFICE OF A DOCUMENT RECORDED ON DECEMBER 13, 2017.

By Authority of the
Under Secretary of Commerce for Intellectual Property
and Director of the United States Patent and Trademark Office

R GLOVER
Certifying Officer

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4732525

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HAL MOSER	12/08/2017
JULIA DAUM	12/08/2017
TOM KLEVEN	12/06/2017
VADIM BEILINSON	12/06/2017

RECEIVING PARTY DATA

Name:	Bayer CropScience LP
Street Address:	2 T.W. Alexander Drive
City:	Research Triangle Park
State/Country:	NORTH CAROLINA
Postal Code:	27709

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	62437874
Application Number:	62481292

CORRESPONDENCE DATA

Fax Number: (919)549-3994

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 919-549-2228
Email: felicia.young@bayer.com
Correspondent Name: FELICIA R. YOUNG
Address Line 1: 2 T.W. ALEXANDER DRIVE
Address Line 2: PATENT DEPARTMENT
Address Line 4: RESEARCH TRIANGLE PA, NORTH CAROLINA 27709

ATTORNEY DOCKET NUMBER:	APA16-6016US
NAME OF SUBMITTER:	FELICIA R. YOUNG
SIGNATURE:	/felicia r. young/
DATE SIGNED:	12/13/2017

Total Attachments: 6

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source=APA16-6016USExecutedAssignments#page4.tif
source=APA16-6016USExecutedAssignments#page5.tif
source=APA16-6016USExecutedAssignments#page6.tif

Docket No.: APA16-6016 US
APA16-6016 US01

ASSIGNMENT WITH DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

ASSIGNMENT

Whereas, I/We, the undersigned inventor(s) hereinafter called assignor(s), have invented certain improvements described in the application identified below; and

Whereas, Bayer CropScience LP, 2 T.W. Alexander Drive, Research Triangle Park, NC 27709, (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors, legal representatives, and assigns, my/our entire right, title and interest, if any, in the invention and the application for the United States of America, including all direct and indirect divisions, continuations, and continuations-in-part thereof, and all original, extended, reissued, reviewed, and reexamined Letters Patent of the United States, and all countries foreign thereto, that may be granted thereon, including rights of priority under the International Convention of Paris (1883) as amended, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we hereby agree that the assignee may apply for foreign Letters Patent on the invention and I/we will without further consideration, communicate all facts know to me/us and execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee, its successors, legal representatives, or assigns. I/We further represent and warrant that I/We have the full right to convey the interest assigned by this assignment, and that I/We have not granted any rights inconsistent with the rights granted herein. I/We further acknowledge an obligation of assignment of this invention to assignee at the time the invention was made.

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

DECLARATION

As a below named inventor, I hereby declare that this assignment with declaration is directed to:

☐ The attached application, OR ☒ United States Application Serial No. 62/437,874 filed 12/22/2016 and United States Application Serial No. 62/481,292, filed 4/4/2017. (Confirmation No.9764 and 7022).

PRE-AIA

My residence, mailing address, and citizenship are as stated below next to my name.

I believe the inventor(s) named below to be the original and first inven6tor(s) of the subject matter which is claimed and for which a patent is sought on the invention titled:

SOYBEAN ELITE EVENT EE-GM5

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

POST-AIA

The above identified application was made or was authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this assignment with declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

Authorization To Permit Access To Application by Participating Office

☐ If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the above-identified application is filed access to the above-identified patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, or other intellectual property office in which a foreign application claiming priority to the above-identified application is filed to have access to the application.

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the application-as-filed with respect to: 1) the above-identified patent application-as-filed, 2) any foreign application to which the above-identified application claims priority under 35 USC 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the above-identified patent application, and 3) any U.S. application-as-filed from which benefit is sought in the above-identified patent application.

a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the above-identified patent application, and 3) any U.S. application-as-filed from which benefit is sought in the above-identified patent application.

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Office.

NAME OF FIRST INVENTOR:			
Given Name (first and middle [if any])	Hal	Family Name or Surname	Moser
Inventor's signature	Hal Moser	Date	12/8/2017
Residence:	1905 Laurel Rd, Oceanside, CA 92054	Citizenship	US
Mailing Address:	1997 Laurel Rd, Oceanside, CA 92054		
NAME OF SECOND INVENTOR:			
Given Name (first and middle [if any])	Julia	Family Name or Surname	Daum
Inventor's signature		Date	
Residence:	1204 ANORA DRIVE, Apex, NC 27502	Citizenship	US
Mailing Address:	1204 ANORA DRIVE, Apex, NC 27502		
NAME OF THIRD INVENTOR:			
Given Name (first and middle [if any])	Tom	Family Name or Surname	Kleven
Inventor's signature		Date	
Residence:	14952 Co Hwy 1, Lake Park, MN 56554	Citizenship	US
Mailing Address:	14952 Co Hwy 1, Lake Park, MN 56554		
NAME OF FOURTH INVENTOR:			
Given Name (first and middle [if any])	Vadim	Family Name or Surname	Beilinson
Inventor's signature		Date	
Residence:	4029 REMINGTON OAKS CIRCLE, Cary, NC 27519	Citizenship	ES
Mailing Address:	4029 REMINGTON OAKS CIRCLE, Cary, NC 27519		

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Office.

NAME OF FIRST INVENTOR:			
Given Name (first and middle [if any])	Hal	Family Name or Surname	Moser
Inventor's signature		Date	
Residence:	1997 Seawind Way, Oceanside, CA 92054	Citizenship	US
Mailing Address:	1997 Seawind Way, Oceanside, CA 92054		
NAME OF SECOND INVENTOR:			
Given Name (first and middle [if any])	Julia	Family Name or Surname	Daum
Inventor's signature	Julia Daum	Date	12/8/17
Residence:	1204 ANORA DRIVE, Apex, NC 27502	Citizenship	US
Mailing Address:	1204 ANORA DRIVE, Apex, NC 27502		
NAME OF THIRD INVENTOR:			
Given Name (first and middle [if any])	Tom	Family Name or Surname	Kleven
Inventor's signature		Date	
Residence:	14952 Co Hwy 1, Lake Park, MN 56554	Citizenship	US
Mailing Address:	14952 Co Hwy 1, Lake Park, MN 56554		
NAME OF FOURTH INVENTOR:			
Given Name (first and middle [if any])	Vadim	Family Name or Surname	Beilinson
Inventor's signature		Date	
Residence:	4029 REMINGTON OAKS CIRCLE, Cary, NC 27519	Citizenship	ES
Mailing Address:	4029 REMINGTON OAKS CIRCLE, Cary, NC 27519		

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Office.

NAME OF FIRST INVENTOR:			
Given Name (first and middle [if any])	Hal	Family Name or Surname	Moser
Inventor's signature		Date	
Residence:	1997 Seawind Way, Oceanside, CA 92054	Citizenship	US
Mailing Address:	1997 Seawind Way, Oceanside, CA 92054		
NAME OF SECOND INVENTOR:			
Given Name (first and middle [if any])	Julia	Family Name or Surname	Daum
Inventor's signature		Date	
Residence:	1204 ANORA DRIVE, Apex, NC 27502	Citizenship	US
Mailing Address:	1204 ANORA DRIVE, Apex, NC 27502		
NAME OF THIRD INVENTOR:			
Given Name (first and middle [if any])	Tom	Family Name or Surname	Kleven
Inventor's signature	Tom Kleven	Date	12-06-17
Residence:	14952 Co Hwy 1, Lake Park, MN 56554	Citizenship	US
Mailing Address:	14952 Co Hwy 1, Lake Park, MN 56554		
NAME OF FOURTH INVENTOR:			
Given Name (first and middle [if any])	Vadim	Family Name or Surname	Beilinson
Inventor's signature		Date	
Residence:	4029 REMINGTON OAKS CIRCLE, Cary, NC 27519	Citizenship	ES
Mailing Address:	4029 REMINGTON OAKS CIRCLE, Cary, NC 27519		

Docket No.: APA16-6016 US
APA16-6016 US01

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

Bayer CropScience LP
2 T.W. Alexander Drive
Research Triangle Park, NC 27709

its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries in and to the invention in

" Elite Event EE-GM5 and Methods and Kits for Identifying Such Event in Biological Samples"

as set forth in this United States Patent Application

☐ executed concurrently herewith
☐ executed on ___
☒ Application Nos. 62/437,874; filed December 22, 2016 and 62/481,292; filed April 4, 2017
☐ Application claims priority from Application No., filed, all applications listed above being hereinafter referred to as the "application(s)";

said application for United States Letters Patent, including all divisional, renewal, substitute, continuation, nonprovisionals, continuation-in-parts, and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues, reexaminations, and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other

physical exhibits which may embody said inventions, and to testify in any proceedings relating to said inventions, patent applications, and/or Letters Patent.

The undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

This Assignment is deemed to be effective at least as early as December 22, 2016.

12/06/2017
Date

Vadim Beilinson

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THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

June 11, 2019

THIS IS TO CERTIFY THAT ANNEXED IS A TRUE COPY FROM THE RECORDS OF THIS OFFICE OF A DOCUMENT RECORDED ON DECEMBER 15, 2017.

By Authority of the
Under Secretary of Commerce for Intellectual Property
and Director of the United States Patent and Trademark Office

R GLOVER
Certifying Officer

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4736169

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MAXIM BUYSE	12/14/2017
FILIP SLABBINCK	12/14/2017
VEERLE HABEX	12/15/2017
WENDY AARTSEN	12/15/2017

RECEIVING PARTY DATA

Name:	BAYER CROPSCIENCE NV
Street Address:	J.E. MOMMAERTSLAAN 14
City:	DIEGEM
State/Country:	GERMANY
Postal Code:	BE-1831

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	62437874
Application Number:	62481292

CORRESPONDENCE DATA

Fax Number: (919)549-3994

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 919-549-2065
Email: Cora.Fedornock@Bayer.com
Correspondent Name: BAYER CROPSCIENCE LP
Address Line 1: 2 T.W. ALEXANDER DRIVE
Address Line 4: RESEARCH TRIANGLE PA, NORTH CAROLINA 27709

ATTORNEY DOCKET NUMBER:	APA16-6016
NAME OF SUBMITTER:	DESTINY DAVENPORT
SIGNATURE:	/DESTINY DAVENPORT REG. NO. 60360/
DATE SIGNED:	12/15/2017

Total Attachments: 2
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Docket No.: APA16-6016 US
APA16-6016 US01

ASSIGNMENT WITH DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

ASSIGNMENT

Whereas, I/We, the undersigned inventor(s) hereinafter called assignor(s), have invented certain improvements described in the application identified below; and

Whereas, BAYER CROPSCIENCE NV, of J.E. Mommaertslaan 14, BE-1831 Diegem, Belgium, (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors, legal representatives, and assigns, my/our entire right, title and interest, if any, in the invention and the application for the United States of America, including all direct and indirect divisions, continuations, and continuations-in-part thereof, and all original, extended, reissued, reviewed, and reexamined Letters Patent of the United States, and all countries foreign thereto, that may be granted thereon, including rights of priority under the International Convention of Paris (1883) as amended, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we hereby agree that the assignee may apply for foreign Letters Patent on the invention and I/we will without further consideration, communicate all facts know to me/us and execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee, its successors, legal representatives, or assigns. I/We further represent and warrant that I/We have the full right to convey the interest assigned by this assignment, and that I/We have not granted any rights inconsistent with the rights granted herein. I/We further acknowledge an obligation of assignment of this invention to assignee at the time the invention was made.

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

DECLARATION

As a below named inventor, I hereby declare that this assignment with declaration is directed to:

☐ The attached application, OR ☒ United States Application Serial No. 62/437,874 filed 12/22/2016 and United States Application Serial No. 62/481,292, filed 4/4/2017. (Confirmation No.9764 and 7022).

PRE-AIA

My residence, mailing address, and citizenship are as stated below next to my name.

I believe the inventor(s) named below to be the original and first inven6tor(s) of the subject matter which is claimed and for which a patent is sought on the invention titled:

Elite Event EE-GM5 and Methods and Kits for Identifying Such Event in Biological Samples

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

POST-AIA

The above identified application was made or was authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this assignment with declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

Authorization To Permit Access To Application by Participating Office

☐ If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the above-identified application is filed access to the above-identified patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, or other intellectual property office in which a foreign application claiming priority to the above-identified application is filed to have access to the application.

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the application-as-filed with respect to: 1) the above-identified patent application-as-filed, 2) any foreign application to which the above-identified application claims priority under 35 USC 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the above-identified patent application, and 3) any U.S. application-as-filed from which benefit is sought in the above-identified patent application.

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Office.

NAME OF FIRST INVENTOR:			
Given Name (first and middle [if any])	Maxim	Family Name or Surname	Buyse
Inventor's signature		Date	14 - 12 - 2017
Residence:	Nadine Crappestraat 51, 9000 Gent, BE	Citizenship	BE
Mailing Address:	Nadine Crappestraat 51, 9000 Gent, BE		
NAME OF SECOND INVENTOR:			
Given Name (first and middle [if any])	Filip	Family Name or Surname	Slabbinck
Inventor's signature		Date	11/12/2017
Residence:	Katelijnestraat146, 8000 Brugge, BE	Citizenship	BE
Mailing Address:	Katelijnestraat146, 8000 Brugge, BE		
NAME OF THIRD INVENTOR:			
Given Name (first and middle [if any])	Veerle	Family Name or Surname	Habex
Inventor's signature		Date	6/12/17
Residence:	Hoge Voetweg 12, 8560 Wevelgem, BE	Citizenship	BE
Mailing Address:	Hoge Voetweg 12, 8560 Wevelgem, BE		
NAME OF FOURTH INVENTOR:			
Given Name (first and middle [if any])	Wendy	Family Name or Surname	Aartsen
Inventor's signature		Date	15-12-2017
Residence:	Zandstraat 425, 8200 Sint-Andries, BE	Citizenship	BE
Mailing Address:	Zandstraat 425, 8200 Sint-Andries, BE		

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THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

July 29, 2019

THIS IS TO CERTIFY THAT ANNEXED IS A TRUE COPY FROM THE RECORDS OF THIS OFFICE OF A DOCUMENT RECORDED ON JULY 15, 2019.

By Authority of the
Under Secretary of Commerce for Intellectual Property
and Director of the United States Patent and Trademark Office

W. Montgomery
W. MONTGOMERY
Certifying Officer

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5618381

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL MCCARVILLE	12/21/2017

RECEIVING PARTY DATA

Name:	BAYER CROPSCIENCE LP
Street Address:	2 T.W. ALEXANDER DRIVE
City:	RESEARCH TRIANGLE PARK
State/Country:	NORTH CAROLINA
Postal Code:	27709

PROPERTY NUMBERS Total: 1

Property Type	Number
PCT Number:	US2017068121

CORRESPONDENCE DATA

Fax Number: (919)547-2427

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 919-547-2575
Email: felicia.young@basf.com
Correspondent Name: FELICIA R. YOUNG
Address Line 1: 26 DAVIS DRIVE
Address Line 4: RTP, NORTH CAROLINA 27709

ATTORNEY DOCKET NUMBER:	APA16-6016/181397
NAME OF SUBMITTER:	FELICIA R. YOUNG
SIGNATURE:	/felicia r. young/
DATE SIGNED:	07/15/2019

Total Attachments: 2
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Docket No.: APA16-6016WO
APA16-6016 BO
APA16-6016UY
APA16-6016PY
APA16-6016AR

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

Bayer CropScience LP
2 T.W. Alexander Drive
Research Triangle Park, NC 27709

its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries in and to the invention in

"Elite Event EE-GM5 and Methods and Kits for Identifying Such Event in Biological Samples"

said application for United States Letters Patent, including all divisional, renewal, substitute, continuation, nonprovisionals, continuation-in-parts, and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues, reexaminations, and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may embody said inventions, and to testify in any proceedings relating to said inventions, patent applications, and/or Letters Patent.

The undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

This Assignment is deemed to be effective at least as early as December 21, 2017.

12/21/2017
Date

MICHAEL MCCARVILLE

RECORDED: 07/15/2019

PATENT
REEL: 049758 FRAME: 0081

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THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

July 15, 2019

THIS IS TO CERTIFY THAT ANNEXED IS A TRUE COPY FROM THE RECORDS OF THIS OFFICE OF A DOCUMENT RECORDED ON MAY 9, 2019.

By Authority of the
Under Secretary of Commerce for Intellectual Property
and Director of the United States Patent and Trademark Office

UNITED STATES PATENT AND TRADEMARK OFFICE · DEPARTMENT OF COMMERCE

L.W. Montgomery
L. W. MONTGOMERY
Certifying Officer

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5514666

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
SEQUENCE:	1

CONVEYING PARTY DATA

Name	Execution Date
BAYER CROPSCIENCE LP	08/01/2018
ATHENIX CORPORATION	08/01/2018

RECEIVING PARTY DATA

Name:	BASF SE
Street Address:	CARL-BOSCH STR. 38
City:	LUDWIGSHAFEN AM RHEIN
State/Country:	GERMANY
Postal Code:	67056

PROPERTY NUMBERS Total: 160

Property Type	Number
Patent Number:	7689366
Patent Number:	7405347
Patent Number:	7399621
Patent Number:	7659376
Patent Number:	7253343
Patent Number:	8563808
Patent Number:	7482432
Patent Number:	7355099
Patent Number:	8101825
Patent Number:	8173590
Patent Number:	7351881
Patent Number:	8044266
Patent Number:	8133858
Patent Number:	7692068
Patent Number:	8299323
Patent Number:	8175813
Patent Number:	8097775
Patent Number:	7674959

Property Type	Number
Patent Number:	8236757
Patent Number:	8314292
Patent Number:	7803391
Patent Number:	7803925
Patent Number:	7811598
Patent Number:	7534937
Patent Number:	7485461
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Patent Number:	8299217
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Patent Number:	8076533
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Patent Number:	9944938
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Application Number:	15102785
Application Number:	15122532
PCT Number:	US2017028357

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Application Number:	15690452
Application Number:	62676434
Application Number:	62676445
Application Number:	62686662
Application Number:	62685524
Application Number:	62686666

CORRESPONDENCE DATA

Fax Number: (919)547-2427

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Address Line 1: 26 DAVIS DRIVE
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ATTORNEY DOCKET NUMBER:	LP ATHENIX/BASF SE

NAME OF SUBMITTER:	FELICIA R. YOUNG
SIGNATURE:	/felicia r. young/
DATE SIGNED:	05/09/2019

Total Attachments: 19
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SCHEDULE 9

FORM OF PATENT ASSIGNMENT AGREEMENT

This **PATENT ASSIGNMENT AGREEMENT** (the "Agreement"), dated as of 1st of August, 2018 (the "Effective Date"), is made by and between Bayer CropScience LP; Athenix Corporation (collectively "Assignor") and BASF SE ("Assignee").

WHEREAS, on the terms and subject to the conditions set forth herein, Assignor desires to sell, assign and transfer, and Assignee desires to accept the sale, assignment and transfer of, the patents and patent applications set forth in Schedule A (the "Transferred Patents"),

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties agree as follows:

1. Assignment of Transferred Patents. Assignor hereby sells, assigns and transfers to Assignee, and Assignee hereby accepts the sale, assignment and transfer from Assignor of, all of Assignor's (a) right, title and interest in and to the Transferred Patents set forth in Schedule A, and (b) right to sue for past, present or future infringement of such Transferred Patents and to retain any damages and profits due or accrued for any such past, present or future infringement of such Transferred Patents.

2. Authorization. Assignor hereby requests and authorizes Assignee and any attorney thereof, to insert the serial number or any other identifying information pertaining to the Transferred Patents onto this Agreement deemed necessary for its recordation.

3. Governing Law. THIS AGREEMENT SHALL BE GOVERNED BY AND CONSTRUED IN ACCORDANCE WITH THE LAWS OF THE STATE OF NEW YORK WITHOUT REGARD TO PRINCIPLES OF CONFLICTS OF LAW.

4. Counterparts. This Agreement may be executed in one or more counterparts, each of which shall be deemed an original, and all of which shall constitute one and the same instrument.

IN WITNESS WHEREOF, the Parties hereto have caused this Patent Assignment Agreement to be executed as of the date first written above.

Bayer CropScience LP

By: _____

Name:
Title: Dr. Thomas Reuter
Senior Counsel

Athenix Corporation

By: _____

Name:
Title: Dr. Thomas Reuter
Senior Counsel

BASF SE

By: _____ _____

Name: Dr. Andreas Popp Dr. Alexander Wallon
Title: Vice Presidents

SCHEDULE A

TRANSFERRED PATENTS

PATENT
REEL: 049127 FRAME: 0757

Table 1

Transferred Patents - Elara

71	ATHENIX CORPORATION	APA 001	Integrated System For High Throughput Capture Of Genetic Diversity	US	10/386,401	20030311	2004-0014091	7,689,386	20100330	20260805	
72	ATHENIX CORPORATION	APA 004	Genes Conferring Herbicide Resistance	AU	2003299832	20031218		2003299832	20091001	20231218	
73	ATHENIX CORPORATION	APA 004	Genes Conferring Herbicide Resistance	BR	PI0317579-0	20031218	1820			20231216	
74	ATHENIX CORPORATION	APA 004	Genes Conferring Herbicide Resistance	CA	2,510,446	20031218		2510446	20110125	20231218	
75	ATHENIX CORPORATION	APA 004	Genes Conferring Herbicide Resistance	CN	200380109257.0	20031218	CN1745173A	ZL200380109257.0	20120905	20231218	
76	ATHENIX CORPORATION	APA 004	Genes Conferring Herbicide Resistance	DE	03800106.1	20031218		60336849.2	20110420	20231218	
77	ATHENIX CORPORATION	APA 004	Genes Conferring Herbicide Resistance	FR	03800106.1	20031218		1581642	20110420	20231218	
78	ATHENIX CORPORATION	APA 004	Genes Conferring Herbicide Resistance	GB	03800106.1	20031218		1581642	20110420	20231218	
79	ATHENIX CORPORATION	APA 004	Genes Conferring Herbicide Resistance	IN	4009/KOLNP/2007	20031218				20231218	
80	ATHENIX CORPORATION	APA 004	Genes Conferring Herbicide Resistance	US	10/738,610	20031218		7,405,347	20080729	20260826	
81	ATHENIX CORPORATION	APA 004	Genes Conferring Herbicide Resistance	US	11/517,991	20060908	2007-0004907	7,399,621	20080715	20261024	
82	ATHENIX CORPORATION	APA 004	Genes Conferring Herbicide Resistance	US	12/139,408	20080613	2008-0312419	7,659,376	20100209	20280711	
83	ATHENIX CORPORATION	APA 005	AXMI-003, A Delta-Endotoxin Gene And Methods For Its Use	US	10/938,819	20040826	2005-0049410	7,253,343	20070807	20260212	
84	ATHENIX CORPORATION	APA 005	AXMI-003, A Delta-Endotoxin Gene And Methods For Its Use	US	11/785,491	20070620	2007-0240239	8,563,808	20131022	20260212	
85	ATHENIX CORPORATION	APA 005	AXMI-003, A Delta-Endotoxin Gene And Methods For Its Use	US	11/785,494	20070620	2007-0238646	7,482,432	20090127	20240828	
86	ATHENIX CORPORATION	APA 009	AXMI-004, Novel Delta-Endotoxin Gene And Methods For Its Use	AU	2013200703	20040220		2013200703	20160825	20240220	
87	ATHENIX CORPORATION	APA 009	AXMI-004, Novel Delta-Endotoxin Gene And Methods For Its Use	IN	6260/DELNP/2009	20040220		295235	20180328	20240220	
88	ATHENIX CORPORATION	APA 009	AXMI-004, Novel Delta-Endotoxin Gene And Methods For Its Use	NZ	588625	20040220		588625	20111010	20240220	
89	ATHENIX CORPORATION	APA 009	AXMI-004, Novel Delta-Endotoxin Gene And Methods For Its Use	US	10/782,020	20040219	2004-0197916	7,355,099	20080408	20240905	
90	ATHENIX CORPORATION	APA 009	AXMI-004, Novel Delta-Endotoxin Gene And Methods For Its Use	US	12/032,445	20080215	2008-0172764	8,101,825	20120124	20240905	
91	ATHENIX CORPORATION	APA 009	AXMI-004, Novel Delta-Endotoxin Gene And Methods For Its Use	US	12/032,479	20080215	2008-0176801	8,173,590	20120508	20300715	
92	ATHENIX CORPORATION	APA 015	AXMI-008, Novel Delta-Endotoxin Gene And Methods For Its Use	US	10/781,979	20040218	2004-0250311	7,351,881	20080401	20250117	
93	ATHENIX CORPORATION	APA 015	AXMI-008, Novel Delta-Endotoxin Gene And Methods For Its Use	US	12/026,341	20080205	2008-0163399	8,044,265	20111025	20250117	
94	ATHENIX CORPORATION	APA 015	AXMI-008, Novel Delta-Endotoxin Gene And Methods For Its Use	US	12/026,427	20080205	2009-0023664	8,133,856	20120313	20300520	
95	ATHENIX CORPORATION	APA 019	AXMI-010, A Delta-Endotoxin Gene And Methods For Its Use	CH	4794128.1	20041005		1678310	20111005	20241005	
96	ATHENIX CORPORATION	APA 019	AXMI-010, A Delta-Endotoxin Gene And Methods For Its Use	DE	4794128.1	20041005		602004034729.9	20111005	20241005	
97	ATHENIX CORPORATION	APA 019	AXMI-010, A Delta-Endotoxin Gene And Methods For Its Use	EP	4794128.1	20041005	N/A	1678310	20111005	20241005	
98	ATHENIX CORPORATION	APA 019	AXMI-010, A Delta-Endotoxin Gene And Methods For Its Use	ES	4794128.1	20041005		4794128.1	20111005	20241005	
99	ATHENIX CORPORATION	APA 019	AXMI-010, A Delta-Endotoxin Gene And Methods For Its Use	FR	4794128.1	20041005		1678310	20111005	20241005	
100	ATHENIX CORPORATION	APA 019	AXMI-010, A Delta-Endotoxin Gene And Methods For Its Use	GB	4794128.1	20041005		1678310	20111005	20241005	
101	ATHENIX CORPORATION	APA 019	AXMI-010, A Delta-Endotoxin Gene And Methods For Its Use	US	11/657,964	20070125	2010-0037348	7,692,068	20100406	20270125	
102	ATHENIX CORPORATION	APA 019	AXMI-010, A Delta-Endotoxin Gene And Methods For Its Use	US	12/701,567	20100207	US20100138961A1	8,299,323 B2	20121030	20270125	
103	ATHENIX CORPORATION	APA 021	Computational Methods For Synthetic Gene Design	BR	PI0818507-7	20081009				20281009	
104	ATHENIX CORPORATION	APA 021	Computational Methods For Synthetic Gene Design	CA	2,702,084	20081009		2702084	20170725	20281009	
105	ATHENIX CORPORATION	APA 021	Computational Methods For Synthetic Gene Design	CN	200880110786.5	20081009		200880110786.5	20130522	20281009	
106	ATHENIX CORPORATION	APA 021	Computational Methods For Synthetic Gene Design	DE	8837046.5	20081009		602008005920.0	20110330	20281009	
107	ATHENIX CORPORATION	APA 021	Computational Methods For Synthetic Gene Design	FR	8837046.5	20081009		2208157	20110330	20281009	
108	ATHENIX CORPORATION	APA 021	Computational Methods For Synthetic Gene Design	GB	8837046.5	20081009		2208157	20110330	20281009	
109	ATHENIX CORPORATION	APA 021	Computational Methods For Synthetic Gene Design	IN	2398/DELNP/2010	20081009				20281009	
110	ATHENIX CORPORATION	APA 021	Computational Methods For Synthetic Gene Design	US	12/248,750	20081009	2009-0137409	8,175,813	20120508	20300530	
111	ATHENIX CORPORATION	APA 022	GRG-1 Herbicide Resistance Gene And Methods For Its Use	US	12/352,532	20090112	2009-0119797	8,097,775	20120117	20280617	
112	ATHENIX CORPORATION	APA 024	AZMI-027, A Delta Endotoxin Gene And Methods For Its Use	US	11/396,808	20060403	2006-0242732	7,874,959	20100309	20261208	
113	ATHENIX CORPORATION	APA 024	AZMI-027, A Delta Endotoxin Gene And Methods For Its Use	US	12/691,115	20100121	US20100137216	8,236,757	20120807	20300927	
114	ATHENIX CORPORATION	APA 025	AXMI-028 And AXMI-029, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	US	12/166,124	20080701	2009-0030033	8,314,292	20121120	20310623	
115	ATHENIX CORPORATION	APA 025	AXMI-028 And AXMI-029, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	US	12/166,209	20080701	2009-0030377	7,803,391	20100928	20310317	
116	ATHENIX CORPORATION	APA 025	AXMI-028 And AXMI-029, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	US	12/166,239	20080701	2009-0055969	7,803,925	20100928	20281219	
117	ATHENIX CORPORATION	APA 025	AXMI-028 And AXMI-029, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	US	12/166,253	20080701	2009-0054335	7,811,598	20101012	20281229	
118	ATHENIX CORPORATION	APA 026	GRG-8 Genes Conferring Herbicide Resistance	AU	2005330520	20051222		2005330520	20120809	20251222	
119	ATHENIX CORPORATION	APA 026	GRG-8 Genes Conferring Herbicide Resistance	BR	PI0519683-3	20051222	1991			20251222	
120	ATHENIX CORPORATION	APA 026	GRG-8 Genes Conferring Herbicide Resistance	CA	2,592,563	20051222		2,592,563	20160119	20251222	
121	ATHENIX CORPORATION	APA 026	GRG-8 Genes Conferring Herbicide Resistance	CH	5657842.6	20051222		1838656	20110330	20251222	
122	ATHENIX CORPORATION	APA 026	GRG-8 Genes Conferring Herbicide Resistance	CN	200580047922.7	20051222	CN101124324	ZL200580047922.7	20150819	20251222	
123	ATHENIX CORPORATION	APA 026	GRG-8 Genes Conferring Herbicide Resistance	DE	5657842.6	20051222		602005027253.4	20110330	20251222	
124	ATHENIX CORPORATION	APA 026	GRG-8 Genes Conferring Herbicide Resistance	EP	05857842.6	20051222	1838656	1838656	20110330	20251222	
125	ATHENIX CORPORATION	APA 026	GRG-8 Genes Conferring Herbicide Resistance	FR	5657842.6	20051222		1838656	20110330	20251222	
126	ATHENIX CORPORATION	APA 026	GRG-8 Genes Conferring Herbicide Resistance	GB	5657842.6	20051222		1838656	20110330	20251222	
127	ATHENIX CORPORATION	APA 026	GRG-8 Genes Conferring Herbicide Resistance	IN	2590/KOLNP/2007	20051222		256541	20051222	20251222	

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128	ATHENIX CORPORATION	APA 026	GRG-8 Genes Conferring Herbicide Resistance	US	11/315,678	20061222	2006-0150270	7,514,987	20090519	20260919
129	ATHENIX CORPORATION	APA 027	Cis-Acting Regulatory Elements From Tripsacum Dactyloides	US	11/377,318	20060316	2006-0218662	7,485,461	20090203	20280715
130	ATHENIX CORPORATION	APA 030	Identification Of A New Class Of EPSP Synthases	AR	P06 01 01402	20060407				20260407
131	ATHENIX CORPORATION	APA 030	Identification Of A New Class Of EPSP Synthases	AU	2006235263	20060407		2006235263	20120906	20260407
132	ATHENIX CORPORATION	APA 030	Identification Of A New Class Of EPSP Synthases	CA	2,603,465	20060407		2603465	20150630	20260407
133	ATHENIX CORPORATION	APA 030	Identification Of A New Class Of EPSP Synthases	CN	200680018320.X	20060407	CN101175850	200680018320.X	20130904	20260407
134	ATHENIX CORPORATION	APA 030	Identification Of A New Class Of EPSP Synthases	IN	3750/KOLNP/2007	20060407		255541	20180405	20260407
135	ATHENIX CORPORATION	APA 030	Identification Of A New Class Of EPSP Synthases	MX	MX/a/2007/012462	20060407				20260407
136	ATHENIX CORPORATION	APA 030	Identification Of A New Class Of EPSP Synthases	US	11/400,598	20060407	2006-0253921	7,700,842	20100420	20280115
137	ATHENIX CORPORATION	APA 031	AXMI-031, AXMI-039 and AXMI-40, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	AR	P070102818	20070614	402			20270614
138	ATHENIX CORPORATION	APA 031	AXMI-031, AXMI-039 and AXMI-40, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	AR	P130100742	20130327				20270614
139	ATHENIX CORPORATION	APA 031	AXMI-031, AXMI-039 and AXMI-40, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	AU	2007260716	20070614		2007260716	20130905	20270614
140	ATHENIX CORPORATION	APA 031	AXMI-031, AXMI-039 and AXMI-40, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	BE	07812139.9	20070614		2032598	20121017	20270614
141	ATHENIX CORPORATION	APA 031	AXMI-031, AXMI-039 and AXMI-40, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	BG	07812139.9	20070614	2032598	2032598	20121017	20270614
142	ATHENIX CORPORATION	APA 031	AXMI-031, AXMI-039 and AXMI-40, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	BR	PI0713646-3	20070614	RPI112181	PI0713646-3	20171121	20271121
143	ATHENIX CORPORATION	APA 031	AXMI-031, AXMI-039 and AXMI-40, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	CH	07812139.9	20070614		2032598	20121017	20270614
144	ATHENIX CORPORATION	APA 031	AXMI-031, AXMI-039 and AXMI-40, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	CN	200780029753.3	20070614	CN101501086	ZL200780029753.3	20120112	20270614
145	ATHENIX CORPORATION	APA 031	AXMI-031, AXMI-039 and AXMI-40, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	DE	602007025178.3	20070614	2032598	2032598	20121017	20270614
146	ATHENIX CORPORATION	APA 031	AXMI-031, AXMI-039 and AXMI-40, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	DK	07812139.9	20070614	2032598	2032598	20121017	20270614
147	ATHENIX CORPORATION	APA 031	AXMI-031, AXMI-039 and AXMI-40, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	EP	07812139.9	20070614	2032598	2032598	20121017	20270614
148	ATHENIX CORPORATION	APA 031	AXMI-031, AXMI-039 and AXMI-40, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	ES	07812139.9	20070614		2032598	20121017	20270614
149	ATHENIX CORPORATION	APA 031	AXMI-031, AXMI-039 and AXMI-40, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	FR	07812139.9	20070614	2032598	2032598	20121017	20270614
150	ATHENIX CORPORATION	APA 031	AXMI-031, AXMI-039 and AXMI-40, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	GB	07812139.9	20070614	2032598	2032598	20121017	20270614
151	ATHENIX CORPORATION	APA 031	AXMI-031, AXMI-039 and AXMI-40, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	HK	09106207.3	20070614		1128396b	20130719	20270614
152	ATHENIX CORPORATION	APA 031	AXMI-031, AXMI-039 and AXMI-40, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	HU	07812139.9	20070614				20270614
153	ATHENIX CORPORATION	APA 031	AXMI-031, AXMI-039 and AXMI-40, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	IN	4872/KOLNP/2008	20070614		295830	20180327	20270614
154	ATHENIX CORPORATION	APA 031	AXMI-031, AXMI-039 and AXMI-40, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	IT	07812139.9	20070614		2032598	20121017	20270614
155	ATHENIX CORPORATION	APA 031	AXMI-031, AXMI-039 and AXMI-40, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	NL	07812139.9	20070614		2032598	20121017	20270614
156	ATHENIX CORPORATION	APA 031	AXMI-031, AXMI-039 and AXMI-40, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	NZ	573398	20070614		573398	20120305	20270614
157	ATHENIX CORPORATION	APA 031	AXMI-031, AXMI-039 and AXMI-40, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	PL	07812139.9	20070614	2032598	2032598	20121017	20270614
158	ATHENIX CORPORATION	APA 031	AXMI-031, AXMI-039 and AXMI-40, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	RO	07812139.9	20070614	2032598	2032598	20121017	20270614
159	ATHENIX CORPORATION	APA 031	AXMI-031, AXMI-039 and AXMI-40, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	TR	07812139.9	20070614	2032598	2032598	20121017	20270614
160	ATHENIX CORPORATION	APA 031	AXMI-031, AXMI-039 and AXMI-40, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	US	11/762,886	20070614	2007-0294787	7,923,602	20110412	20280618
161	ATHENIX CORPORATION	APA 031	AXMI-031, AXMI-039 and AXMI-40, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	US	12/364,335	20090202	US20090181116A1	8,147,856	20120403	20300415
162	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	AR	P080105264	20081129	AR067205	067205	20130427	20261129
163	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	AT	6844685.5	20061201		1963510	20090826	20261201
164	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	AU	2006320516	20061201		2006320516	20131203	20261201
165	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	BE	6844685.5	20061201		1963510	20090826	20261201
166	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	BG	6844685.5	20061201		1963510	20090826	20261201
167	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	CA	2,631,406	20061201		2631406	20141014	20261201
168	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	CH	6844685.5	20061201		1963510	20090826	20261201
169	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	CN	200680052151.5	20061201	CN 101336294	CN 101336294B	20160803	20261201
170	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	CZ	6844685.5	20061201		1963510	20090826	20261201
171	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	DE	6844685.5	20061201		602006008627.2	20090826	20261201
172	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	DK	6844685.5	20061201		1963510	20090826	20261201
173	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	EE	6844685.5	20061201		1963510	20090826	20261201
174	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	EP	06844685.5	20061201	1963510	1963510	20090826	20261201
175	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	EP	09004550.1	20061201	2074754	2334795	20140430	20261201
176	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	ES	6844685.5	20061201		1963510	20090826	20261201
177	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	FI	6844685.5	20061201		1963510	20090826	20261201
178	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	FR	6844685.5	20061201		1963510	20090826	20261201
179	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	GB	6844685.5	20061201		1963510	20090826	20261201
180	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	GR	6844685.5	20061201		3070570	20090826	20261201
181	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	HR	6844685.5	20061201		P20090610	20090826	20261201
182	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	HU	6844685.5	20061201		1963510	20090826	20261201
183	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	IE	6844685.5	20061201		1963510	20090826	20261201
184	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	IN	2147/KOLNP/2008	20061201		291476	20160108	20261201
185	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	IT	6844685.5	20061201		1963510	20090826	20261201
186	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	LT	6844685.5	20061201		1963510	20090826	20261201
187	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	LU	6844685.5	20061201		1963510	20090826	20261201

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188	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	LV	6844685.5	20061201		1963510	20090826	20261201
189	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	MK	6844685.5	20061201		MK/P/2009/366	20090826	20261201
190	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	MX	MX/a/2009/000006767	20061201		274560	20100318	20261201
191	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	NL	6844685.5	20061201		1963510	20090826	20261201
192	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	NZ	569433	20061201		569433	20120305	20261201
193	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	PL	6844685.5	20061201		1963510	20090826	20261201
194	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	PT	6844685.5	20061201		1963510	20090826	20261201
195	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	RO	6844685.5	20061201		1963510	20090826	20261201
196	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	RS	6844685.5	20061201		P-2009/0811	20090826	20261201
197	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	RU	2006126711	20061201		2393325	20100927	20261201
198	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	SE	6844685.5	20061201		1963510	20090826	20261201
199	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	SI	6844685.5	20061201		1963510	20090826	20261201
200	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	SK	6844685.5	20061201		1963510	20090826	20261201
201	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	TR	6844685.5	20061201		1963510	20090826	20261201
202	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	UA	200804446	20061201		92622	20101125	20261201
203	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	US	11/605,824	20061128	2007-0136640	7,674,958	20100309	20280324
204	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	US	12/468,205	20090519	2009-0227771	8,309,332	20121113	20260602
205	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	ZA	2008/04596	20061201		2008/04596	20090930	20261201
206	ATHENIX CORPORATION	APA 035	Herbicide Resistant Glutamine Synthetases And Methods Of Use	US	11/760,602	20070608	2009-0018016	7,910,805	20110322	20290512
207	ATHENIX CORPORATION	APA 035	Herbicide Resistant Glutamine Synthetases And Methods Of Use	US	13/027,666	20110215	US2011/0136200	8,101,389	20120124	20270608
208	ATHENIX CORPORATION	APA 036	Novel EPSP Synthase Genes Conferring Herbicide Resistance	US	11/760,570	20070608	2007-0289035	9,045,765	20150602	20290826
209	ATHENIX CORPORATION	APA 038	AXMI-037 And AXMI-043, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	AR	P070102651	20070615				20270615
210	ATHENIX CORPORATION	APA 039	AXMI-037 And AXMI-043, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	EP	16194435.0	20161018	3150625			20270615
211	ATHENIX CORPORATION	APA 039	AXMI-037 And AXMI-043, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	US	13/166,454	20110624	US2011/0283488A1	8,829,279	20140909	20270615
212	ATHENIX CORPORATION	APA 046	GRG33, GRG35 And GRG36: Novel EPSP Synthase Genes Conferring Herbicide Resistance	US	11/769,927	20070627	2007-0300326	7,960,615	20110614	20290927
213	ATHENIX CORPORATION	APA 047	GRG32: A Novel EPSP Synthase Gene Conferring Herbicide Resistance	US	11/769,259	20070627	2007-0300325	8,003,864	20110823	20291203
214	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases; Compositions And Methods Of Use	AR	P070105274	20071128	519			20271128
215	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases; Compositions And Methods Of Use	AU	2007347119	20071120		2007347119	20120607	20271120
216	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases; Compositions And Methods Of Use	BG	7873298.9	20071120		2087124	20110511	20271120
217	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases; Compositions And Methods Of Use	BR	PI0719872-5	20071120		PI0719872-5	20170906	20271120
218	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases; Compositions And Methods Of Use	CA	2,671,203	20071120		2,671,203	20150210	20271120
219	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases; Compositions And Methods Of Use	CN	200780049630.6	20071120	CN101600800A	ZL200780049630.6	20130828	20271120
220	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases; Compositions And Methods Of Use	CN	201301377831	20071120	103484481 A	201301377831	20181020	20271120
221	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases; Compositions And Methods Of Use	DE	7873298.9	20071120		602007014571.8	20110511	20271120
222	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases; Compositions And Methods Of Use	EG	PCT 798/2009	20071120				20271120
223	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases; Compositions And Methods Of Use	EP	07873298.9	20071120	2087124	2087124	20110511	20271120
224	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases; Compositions And Methods Of Use	ES	7873298.9	20071120		2087124	20110511	20271120
225	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases; Compositions And Methods Of Use	FR	7873298.9	20071120		2087124	20110511	20271120
226	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases; Compositions And Methods Of Use	GB	7873298.9	20071120		2087124	20110511	20271120
227	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases; Compositions And Methods Of Use	HR	7873298.9	20071120		P20110587	20110511	20271120
228	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases; Compositions And Methods Of Use	HU	7873298.9	20071120		2087124	20110511	20271120
229	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases; Compositions And Methods Of Use	ID	W00200901412	20071120	049.2916A	IDP 0 044 101	20161020	20271120
230	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases; Compositions And Methods Of Use	IT	7873298.9	20071120		2087124	20110511	20271120
231	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases; Compositions And Methods Of Use	NL	7873298.9	20071120		2087124	20110511	20271120
232	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases; Compositions And Methods Of Use	NZ	577310	20071120		577310	20110930	20271120
233	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases; Compositions And Methods Of Use	PT	7873298.9	20071120		2087124	20110511	20271120
234	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases; Compositions And Methods Of Use	RO	7873298.9	20071120		2087124	20110511	20271120
235	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases; Compositions And Methods Of Use	RS	7873298.9	20071120		P-20110347	20110511	20271120
236	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases; Compositions And Methods Of Use	SK	7873298.9	20071120		2087124	20110511	20271120
237	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases; Compositions And Methods Of Use	TR	7873298.9	20071120		2087124	20110511	20271120
238	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases; Compositions And Methods Of Use	US	11/943,801	20071121	2008-0127372	7,834,249	20101116	20290106
239	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases; Compositions And Methods Of Use	US	12/856,021	20100813	2011-0030091	8,252,980	20120828	20261129
240	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases; Compositions And Methods Of Use	US	12/856,056	20100813	US2011/0252502A1	8,252,981	20120828	20280324
241	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases; Compositions And Methods Of Use	US	12/856,072	20100813	US2011/0232179A1	8,280,523	20121009	20280324
242	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases; Compositions And Methods Of Use	US	12/856,082	20100813	US2011/0238950A1	8,450,267	20130528	20310624
243	ATHENIX CORPORATION	APA 052	Synthetic Genes Encoding A Cry1Ac	AU	2008310796	20081010		2008310796	20150618	20281010
244	ATHENIX CORPORATION	APA 052	Synthetic Genes Encoding A Cry1Ac	BR	BR122016006871	20081010				20281010
245	ATHENIX CORPORATION	APA 052	Synthetic Genes Encoding A Cry1Ac	BR	PI0817854-2	20081010		PI0817854-2	20180502	20281010
246	ATHENIX CORPORATION	APA 052	Synthetic Genes Encoding A Cry1Ac	CA	2702231	20081010		2,702,231	20170103	20281010
247	ATHENIX CORPORATION	APA 052	Synthetic Genes Encoding A Cry1Ac	CN	200880110055.2	20081010		200880110055.2	20131106	20281010

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248	ATHENIX CORPORATION	APA 052	Synthetic Genes Encoding A Cry1Ac	MX	MX/A/2010/003891	20081016		308051	20130118	20281010
249	ATHENIX CORPORATION	APA 052	Synthetic Genes Encoding A Cry1Ac	ZA	2010/02505	20081016		2010/02505	20110831	20281010
250	ATHENIX CORPORATION	APA 053	AXMI-066 And AXMI-076: Delta-Endotoxin Proteins And Methods For Their Use	AR	P080104509	20081016	589			20281010
251	ATHENIX CORPORATION	APA 053	AXMI-066 And AXMI-076: Delta-Endotoxin Proteins And Methods For Their Use	AU	2008312468	20081016		2008312468	20141103	20281015
252	ATHENIX CORPORATION	APA 053	AXMI-066 And AXMI-076: Delta-Endotoxin Proteins And Methods For Their Use	BR	PI0818661-8	20081016				20281015
253	ATHENIX CORPORATION	APA 053	AXMI-066 And AXMI-076: Delta-Endotoxin Proteins And Methods For Their Use	CA	2702998	20081016		2702998	20170606	20281016
254	ATHENIX CORPORATION	APA 053	AXMI-066 And AXMI-076: Delta-Endotoxin Proteins And Methods For Their Use	CA	2958841	20170201				20281016
255	ATHENIX CORPORATION	APA 053	AXMI-066 And AXMI-076: Delta-Endotoxin Proteins And Methods For Their Use	CN	200880111674.1	20081016		ZL200880111674.1	20141013	20281016
256	ATHENIX CORPORATION	APA 053	AXMI-066 And AXMI-076: Delta-Endotoxin Proteins And Methods For Their Use	EP	171534422.5	20170126	3181579			20281016
257	ATHENIX CORPORATION	APA 053	AXMI-066 And AXMI-076: Delta-Endotoxin Proteins And Methods For Their Use	MX	MX/A/2010/004104	20081016				20281016
258	ATHENIX CORPORATION	APA 053	AXMI-066 And AXMI-076: Delta-Endotoxin Proteins And Methods For Their Use	ZA	2010/02644	20081016		2010/02644	20110629	20281010
259	ATHENIX CORPORATION	APA 054	Synthetic AXMI-004 Delta-Endotoxin Genes And Methods For Thier Use	US	12/209,354	20080912	2009-0099681	8,541,366	20130924	20301015
260	ATHENIX CORPORATION	APA 055	Directed Evolution Of GRG31 And GRG36 EPSP Synthase Enzymes	US	12/362,774	20090130	2009-0205076	7,960,616	20110614	20290026
261	ATHENIX CORPORATION	APA 055	Directed Evolution Of GRG31 And GRG36 EPSP Synthase Enzymes	US	13/101,351	20110505	US20110223648A1	8,247,535	20120821	20290130
262	ATHENIX CORPORATION	APA 056	Compositions And Methods For Expression Of A Heterologous Nucleotide Sequence In Plants	AR	P090103440	20090908				20290908
263	ATHENIX CORPORATION	APA 056	Compositions And Methods For Expression Of A Heterologous Nucleotide Sequence In Plants	AU	2009289505	20090908		2009289505	20140424	20290908
264	ATHENIX CORPORATION	APA 056	Compositions And Methods For Expression Of A Heterologous Nucleotide Sequence In Plants	BR	PI0918617.4	20090908				20290908
265	ATHENIX CORPORATION	APA 056	Compositions And Methods For Expression Of A Heterologous Nucleotide Sequence In Plants	CA	2736244	20090908		2736244	20180116	20290908
266	ATHENIX CORPORATION	APA 056	Compositions And Methods For Expression Of A Heterologous Nucleotide Sequence In Plants	CN	200980134479.5	20090908		200980134479.5	20141126	20290908
267	ATHENIX CORPORATION	APA 056	Compositions And Methods For Expression Of A Heterologous Nucleotide Sequence In Plants	DE	602009029719.5	20090908	2334795	2334795	20140409	20290908
268	ATHENIX CORPORATION	APA 056	Compositions And Methods For Expression Of A Heterologous Nucleotide Sequence In Plants	EP	09792298.3	20090908	2334795	2078754	20140409	20290908
269	ATHENIX CORPORATION	APA 056	Compositions And Methods For Expression Of A Heterologous Nucleotide Sequence In Plants	ES	09792298.3	20090908	2334795	2078754	20140409	20290908
270	ATHENIX CORPORATION	APA 056	Compositions And Methods For Expression Of A Heterologous Nucleotide Sequence In Plants	FR	09792298.3	20090908	2334795	2334795	20140409	20290908
271	ATHENIX CORPORATION	APA 056	Compositions And Methods For Expression Of A Heterologous Nucleotide Sequence In Plants	HU	09792298.3	20090908	2334795	2334795	20140410	20290908
272	ATHENIX CORPORATION	APA 056	Compositions And Methods For Expression Of A Heterologous Nucleotide Sequence In Plants	IN	1615/DELNP/2011	20090908				20290908
273	ATHENIX CORPORATION	APA 056	Compositions And Methods For Expression Of A Heterologous Nucleotide Sequence In Plants	MX	MX/a/2011/002477	20090908	320583	320583	20140529	20290908
274	ATHENIX CORPORATION	APA 056	Compositions And Methods For Expression Of A Heterologous Nucleotide Sequence In Plants	RG	09792298.3	20090908	2334795	2334795	20140430	20290908
275	ATHENIX CORPORATION	APA 056	Compositions And Methods For Expression Of A Heterologous Nucleotide Sequence In Plants	TR	09792298.3	20090908	2334795	2334795	20140430	20290908
276	ATHENIX CORPORATION	APA 056	Compositions And Methods For Expression Of A Heterologous Nucleotide Sequence In Plants	US	12/555,175	20090908	US20100071090A1	8,426,204	20130423	20310406
277	ATHENIX CORPORATION	APA 056	Compositions And Methods For Expression Of A Heterologous Nucleotide Sequence In Plants	ZA	2011/01693	20090908	n/a	2011/01693	20130626	20290908
278	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	AR	P09 01 02357	20090625				20290625
279	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	AU	2009282163	20090625				20290625
280	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	AU	2013203547	20090625		2013203547	20150903	20290625
281	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	BR	PI0914780-2	20090625				20290625
282	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	CA	2,729,294	20090625				20290625
283	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	CN	200980122563.5	20090625		ZL 200980122563.5	20150701	20290625
284	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	CN	201510303590.X	20090625				20290625
285	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	CO	10157545	20090625				20290625
286	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	EA	201400248	20140319				20290625
287	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	EP	14153350.5	20090625	2727933			20290625
288	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	ID	W00201004305	20090625		IDP000048269	20171018	20290625
289	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	IN	8373/DELNP/2010	20090625				
290	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	MX	MX/A/2010/013910	20090625		314946	20131101	20290625
291	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	MX	MX/a/2013/012816	20090625		351227	20170904	20290625
292	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	NZ	589991	20090625		589991	20130104	20290625
293	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	NZ	602352	20090625		602352	20140930	20290625
294	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	PH	1-2010-502830	20090625	1/2010/502830	1/2010/502830	20150505	20290625
295	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	PH	1-2014-500606	20090625	1/2014/500606			20290625
296	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	UA	201015122	20090625		112405	20150912	20290625
297	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	UA	2014 02391	20090625				20290625
298	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	US	12/491,395	20090625	2010-0005543	8461421	20130611	20310610
299	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	US	13/893763	20130514	US-2013-0305412	9556255	20170131	20310409
300	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	US	15/384581	20161220	US20170101447A1			20290625
301	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	ZA	2010/09045	20090625		2010/09045	20130227	20290625
302	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	AM	201071312	20090625		20127	20141030	20290625
303	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	AZ	201071312	20090625		20127	20141030	20290625
304	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	BY	201071312	20090625		20127	20141030	20290625
305	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	KG	201071312	20090625		20127	20141030	20290625
306	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	KZ	201071312	20090625		20127	20141030	20290625
307	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	MD	201071312	20090625		20127	20141030	20290625

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308	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	RU	201071312	20090625		20327	20141030	20290625
309	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	TJ	2010071312	20090625		20327	20141030	20290625
310	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	TM	2010071312	20090625		20327	20141030	20290625
311	ATHENIX CORPORATION	APA 058	AXMI-115, AXMI-113, And AXMI-005: Insecticidal Proteins And Methods For Their Use	AR	P090104880	20090702				20290702
312	ATHENIX CORPORATION	APA 058	AXMI-115, AXMI-113, And AXMI-005: Insecticidal Proteins And Methods For Their Use	AU	2009268906	20090702		2009268906	20141127	20290702
313	ATHENIX CORPORATION	APA 058	AXMI-115, AXMI-113, And AXMI-005: Insecticidal Proteins And Methods For Their Use	BR	PI0916829-0	20090702				20290702
314	ATHENIX CORPORATION	APA 058	AXMI-115, AXMI-113, And AXMI-005: Insecticidal Proteins And Methods For Their Use	CA	2,728,622	20090702				20290702
315	ATHENIX CORPORATION	APA 058	AXMI-115, AXMI-113, And AXMI-005: Insecticidal Proteins And Methods For Their Use	CL	1457-2010	20090702				20290702
316	ATHENIX CORPORATION	APA 058	AXMI-115, AXMI-113, And AXMI-005: Insecticidal Proteins And Methods For Their Use	CN	200980123077.5	20090702	CN102076789A	ZL200980123077.5	20141015	20290702
317	ATHENIX CORPORATION	APA 058	AXMI-115, AXMI-113, And AXMI-005: Insecticidal Proteins And Methods For Their Use	CN	201410482263.4	20090702	CN 104283740A			20290702
318	ATHENIX CORPORATION	APA 058	AXMI-115, AXMI-113, And AXMI-005: Insecticidal Proteins And Methods For Their Use	EA	201071323	20090702				20290702
319	ATHENIX CORPORATION	APA 058	AXMI-115, AXMI-113, And AXMI-005: Insecticidal Proteins And Methods For Their Use	EP	EP15157791.3	20090702				20290701
320	ATHENIX CORPORATION	APA 058	AXMI-115, AXMI-113, And AXMI-005: Insecticidal Proteins And Methods For Their Use	HK	11101013	20090702	HK1155783			
321	ATHENIX CORPORATION	APA 058	AXMI-115, AXMI-113, And AXMI-005: Insecticidal Proteins And Methods For Their Use	ID	W00201004386	20090702		IDP000048218	20171018	20290702
322	ATHENIX CORPORATION	APA 058	AXMI-115, AXMI-113, And AXMI-005: Insecticidal Proteins And Methods For Their Use	IN	9002/DELNP/2010	20090702				20290702
323	ATHENIX CORPORATION	APA 058	AXMI-115, AXMI-113, And AXMI-005: Insecticidal Proteins And Methods For Their Use	JP	2014-116865	20090702		6051454	20161209	20290702
324	ATHENIX CORPORATION	APA 058	AXMI-115, AXMI-113, And AXMI-005: Insecticidal Proteins And Methods For Their Use	MX	MX/A/2010/014379	20090702				20290702
325	ATHENIX CORPORATION	APA 058	AXMI-115, AXMI-113, And AXMI-005: Insecticidal Proteins And Methods For Their Use	MX	MX/a/2015/004283	20090702				20290702
326	ATHENIX CORPORATION	APA 058	AXMI-115, AXMI-113, And AXMI-005: Insecticidal Proteins And Methods For Their Use	NZ	590039	20090702		590039	20130301	20290702
327	ATHENIX CORPORATION	APA 058	AXMI-115, AXMI-113, And AXMI-005: Insecticidal Proteins And Methods For Their Use	NZ	602351	20090702		602351	20140801	20290702
328	ATHENIX CORPORATION	APA 058	AXMI-115, AXMI-113, And AXMI-005: Insecticidal Proteins And Methods For Their Use	PH	1-2010-502880	20090702	1/2010/502880	1/2010/502880	20150817	20290702
329	ATHENIX CORPORATION	APA 058	AXMI-115, AXMI-113, And AXMI-005: Insecticidal Proteins And Methods For Their Use	UA	2010-13270	20090702		109968	20141110	20290702
330	ATHENIX CORPORATION	APA 058	AXMI-115, AXMI-113, And AXMI-005: Insecticidal Proteins And Methods For Their Use	US	12/497,221	20090702	2010-0004178	8,334,431	20121218	20300210
331	ATHENIX CORPORATION	APA 058	AXMI-115, AXMI-113, And AXMI-005: Insecticidal Proteins And Methods For Their Use	US	14/733552	20130698	20150298274A1	9909140	20180306	20290815
332	ATHENIX CORPORATION	APA 058	AXMI-115, AXMI-113, And AXMI-005: Insecticidal Proteins And Methods For Their Use	ZA	2010/09074	20090702	n/a	2010/09074	20130227	20290702
333	ATHENIX CORPORATION	APA 059	Pesticidal Genes From Brevibacillus And Methods For Their Use	US	13/779,524	20130227	US-2013-0167264	9238823	20160119	20300801
334	ATHENIX CORPORATION	APA 060	Genes Encoding Nematode Toxins	AR	P090104882	20091215	AR074672			20291215
335	ATHENIX CORPORATION	APA 060	Genes Encoding Nematode Toxins	BR	PI0923334-2	20091215				20291215
336	ATHENIX CORPORATION	APA 060	Genes Encoding Nematode Toxins	CA	2746766	20091215		2746766	20180123	20291215
337	ATHENIX CORPORATION	APA 060	Genes Encoding Nematode Toxins	CN	200980150173.9	20091215	CN102369280A	200980150173.9	20150211	20291215
338	ATHENIX CORPORATION	APA 060	Genes Encoding Nematode Toxins	IN	4450/DELNP/2011	20091215				
339	ATHENIX CORPORATION	APA 060	Genes Encoding Nematode Toxins	MX	MX/A/2011/006342	20091215	n/a	323039	20140822	20291215
340	ATHENIX CORPORATION	APA 060	Genes Encoding Nematode Toxins	US	12/638,591	20091215		8,404,934	20130326	20301017
341	ATHENIX CORPORATION	APA 060	Genes Encoding Nematode Toxins	US	13/747,740	20130123	20130133107A1	9243269	20160126	20300301
342	ATHENIX CORPORATION	APA 060	Genes Encoding Nematode Toxins	ZA	222/2012	20091215		2011/04388	20130227	20291215
343	ATHENIX CORPORATION	APA 061	AXMI-150 Delta-Endotoxin Gene And Methods For Its Use	ES	09804360.7	20091223		2379724	20150121	20291223
344	ATHENIX CORPORATION	APA 061	AXMI-150 Delta-Endotoxin Gene And Methods For Its Use	FR	2379724	20091223		2379724	20150121	20291223
345	ATHENIX CORPORATION	APA 061	AXMI-150 Delta-Endotoxin Gene And Methods For Its Use	HU	2379724	20091223		2379724	20150121	20291223
346	ATHENIX CORPORATION	APA 061	AXMI-150 Delta-Endotoxin Gene And Methods For Its Use	RO	2379724	20091223		2379724	20150121	20291223
347	ATHENIX CORPORATION	APA 061	AXMI-150 Delta-Endotoxin Gene And Methods For Its Use	US	12/646,804	20091223	US20100160291A1	8,084,416	20111227	20291223
348	ATHENIX CORPORATION	APA 061	AXMI-150 Delta-Endotoxin Gene And Methods For Its Use	US	13/302,428	20111122	US20120072016	8,791,326	20140729	20300306
349	ATHENIX CORPORATION	APA 062	Pesticidal Proteins And Methods For Their Use	AR	P100100580	20100226				20300226
350	ATHENIX CORPORATION	APA 062	Pesticidal Proteins And Methods For Their Use	AU	2010217918	20100226				20300226
351	ATHENIX CORPORATION	APA 062	Pesticidal Proteins And Methods For Their Use	BR	PI1008740.0	20100226				20300226
352	ATHENIX CORPORATION	APA 062	Pesticidal Proteins And Methods For Their Use	CA	2753491	20100226				20300226
353	ATHENIX CORPORATION	APA 062	Pesticidal Proteins And Methods For Their Use	CN	201080016183.X	20100226		ZL201080016183.X	20160123	20300226
354	ATHENIX CORPORATION	APA 062	Pesticidal Proteins And Methods For Their Use	EA	201170980	20100226		028111	20160730	20300226
355	ATHENIX CORPORATION	APA 062	Pesticidal Proteins And Methods For Their Use	EP	10708110.3	20100226	2357938	2401380	20150819	20300226
356	ATHENIX CORPORATION	APA 062	Pesticidal Proteins And Methods For Their Use	EP	15170498.0	20100226				20300226
357	ATHENIX CORPORATION	APA 062	Pesticidal Proteins And Methods For Their Use	IN	6617/DELNP/2011	20100226	6617/DELNP/2011			20300226
358	ATHENIX CORPORATION	APA 062	Pesticidal Proteins And Methods For Their Use	JP	2011-552167	20100226	P5746059	5746059	20150515	20300226
359	ATHENIX CORPORATION	APA 062	Pesticidal Proteins And Methods For Their Use	JP	2015-095253	20100226		6132364	20170426	20300226
360	ATHENIX CORPORATION	APA 062	Pesticidal Proteins And Methods For Their Use	MX	MX/A/2011/008955	20100226		330549	20150312	20300226
361	ATHENIX CORPORATION	APA 062	Pesticidal Proteins And Methods For Their Use	MX	MX/a/2015/003037	20100226				20290227
362	ATHENIX CORPORATION	APA 062	Pesticidal Proteins And Methods For Their Use	US	12/713,239	20100226		8318900	20121127	20310317
363	ATHENIX CORPORATION	APA 062	Pesticidal Proteins And Methods For Their Use	US	14/711252	20150513	US-2015-0247184			20300226
364	ATHENIX CORPORATION	APA 062	Pesticidal Proteins And Methods For Their Use	ZA	2011/06260	20100226		2011/06260	20140430	20300226
365	ATHENIX CORPORATION	APA 063	Variant AXMI-R1 Delta-Endotoxin Gene And Methods For Its Use	AR	P100100330	20100205	AR075371			20300205
366	ATHENIX CORPORATION	APA 063	Variant AXMI-R1 Delta-Endotoxin Gene And Methods For Its Use	BR	PI1007915-7	20100205				20300205
367	ATHENIX CORPORATION	APA 063	Variant AXMI-R1 Delta-Endotoxin Gene And Methods For Its Use	CA	2,751,409	20100205				20300205

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368	ATHENIX CORPORATION	APA 063	Variant AXMI-R1 Delta-Endotoxin Gene And Methods For Its Use	CN	2010800011962.7	20100205		2010800011962.7	20141210	20300205
369	ATHENIX CORPORATION	APA 063	Variant AXMI-R1 Delta-Endotoxin Gene And Methods For Its Use	EA	201171006	20100205				20300205
370	ATHENIX CORPORATION	APA 063	Variant AXMI-R1 Delta-Endotoxin Gene And Methods For Its Use	HU	14153319.0	20100205	2728007	2728007	20170125	20300205
371	ATHENIX CORPORATION	APA 063	Variant AXMI-R1 Delta-Endotoxin Gene And Methods For Its Use	ID	W00201102793	20100205				20300205
372	ATHENIX CORPORATION	APA 063	Variant AXMI-R1 Delta-Endotoxin Gene And Methods For Its Use	IN	5612/DELNP/2011	20100205				20300205
373	ATHENIX CORPORATION	APA 063	Variant AXMI-R1 Delta-Endotoxin Gene And Methods For Its Use	JP	2011-549274	20100205		6000185	20160923	20300205
374	ATHENIX CORPORATION	APA 063	Variant AXMI-R1 Delta-Endotoxin Gene And Methods For Its Use	MX	MX/a/2011/008246	20100205		320830	20140605	20300205
375	ATHENIX CORPORATION	APA 063	Variant AXMI-R1 Delta-Endotoxin Gene And Methods For Its Use	PH	1-2011-501570	20100205				20300205
376	ATHENIX CORPORATION	APA 063	Variant AXMI-R1 Delta-Endotoxin Gene And Methods For Its Use	RO	14153319.0	20100205	2728007	2728007	20170125	20300205
377	ATHENIX CORPORATION	APA 063	Variant AXMI-R1 Delta-Endotoxin Gene And Methods For Its Use	UA	201110568	20100205		108197	20150410	20300205
378	ATHENIX CORPORATION	APA 063	Variant AXMI-R1 Delta-Endotoxin Gene And Methods For Its Use	US	12/701,058	20100205	US-2010-0197592	8209217	20121030	20300925
379	ATHENIX CORPORATION	APA 063	Variant AXMI-R1 Delta-Endotoxin Gene And Methods For Its Use	ZA	2011/05749	20100205		2011/05749	20130529	20300205
380	ATHENIX CORPORATION	APA 064	Methods And Compositions For Controlling Plant Pests	US	12/715,059	20100305		7,919,272	20110405	20300305
381	ATHENIX CORPORATION	APA 064	Methods And Compositions For Controlling Plant Pests	US	13/027,816	20110215		8,078,633	20111213	20300305
382	ATHENIX CORPORATION	APA 064	Methods And Compositions For Controlling Plant Pests	US	13/301,190	20111121		8,440,882	20130514	20300305
383	ATHENIX CORPORATION	APA 066	AXMI-205 Pesticidal Gene And Methods For It's Use	AR	P100102357	20100701				20300701
384	ATHENIX CORPORATION	APA 066	AXMI-205 Pesticidal Gene And Methods For It's Use	BR	BR1120120000306	20100701				20300701
385	ATHENIX CORPORATION	APA 066	AXMI-205 Pesticidal Gene And Methods For It's Use	CA	2765800	20100701				20300701
386	ATHENIX CORPORATION	APA 066	AXMI-205 Pesticidal Gene And Methods For It's Use	CN	201080038780.X	20100701		102648281B	20170405	20300701
387	ATHENIX CORPORATION	APA 066	AXMI-205 Pesticidal Gene And Methods For It's Use	DE	10732575.5	20100701		602010036784.9	20160928	20300701
388	ATHENIX CORPORATION	APA 066	AXMI-205 Pesticidal Gene And Methods For It's Use	EP	10732575.5	20100701		2449109	20160928	20300701
389	ATHENIX CORPORATION	APA 066	AXMI-205 Pesticidal Gene And Methods For It's Use	ES	10732575.5	20100701		2449109	20160928	20300701
390	ATHENIX CORPORATION	APA 066	AXMI-205 Pesticidal Gene And Methods For It's Use	FR	10732575.5	20100701		2449109	20160928	20300701
391	ATHENIX CORPORATION	APA 066	AXMI-205 Pesticidal Gene And Methods For It's Use	GB	2012000782	20100701		2449109	20160928	20300701
392	ATHENIX CORPORATION	APA 066	AXMI-205 Pesticidal Gene And Methods For It's Use	HU	10732575.5	20100701		2449109	20160928	20300701
393	ATHENIX CORPORATION	APA 066	AXMI-205 Pesticidal Gene And Methods For It's Use	IN	144/DELNP/2012	20100701	n/a			20300701
394	ATHENIX CORPORATION	APA 066	AXMI-205 Pesticidal Gene And Methods For It's Use	IT	10732575.5	20100701		2449109	20160928	20300701
395	ATHENIX CORPORATION	APA 066	AXMI-205 Pesticidal Gene And Methods For It's Use	MX	MX/a/2012/000202	20100701		323392	20140905	20300701
396	ATHENIX CORPORATION	APA 066	AXMI-205 Pesticidal Gene And Methods For It's Use	MX	MX/a/2014/010571	20100701		348215	20170519	20300701
397	ATHENIX CORPORATION	APA 066	AXMI-205 Pesticidal Gene And Methods For It's Use	PL	10732575.5	20100701		2449109	20160928	20300701
398	ATHENIX CORPORATION	APA 066	AXMI-205 Pesticidal Gene And Methods For It's Use	RO	10732575.5	20100701		2449109	20160928	20300701
399	ATHENIX CORPORATION	APA 066	AXMI-205 Pesticidal Gene And Methods For It's Use	RS	10732575.5	20100701		55550	20160928	20300701
400	ATHENIX CORPORATION	APA 066	AXMI-205 Pesticidal Gene And Methods For It's Use	TR	10732575.5	20100701		2449109	20160928	20300701
401	ATHENIX CORPORATION	APA 066	AXMI-205 Pesticidal Gene And Methods For It's Use	UA	a201200702	20100701	N/A	105049	20141004	20300701
402	ATHENIX CORPORATION	APA 066	AXMI-205 Pesticidal Gene And Methods For It's Use	US	12/828,564	20100701	US-2011-0023184	8,575425	20131105	20311021
403	ATHENIX CORPORATION	APA 066	AXMI-205 Pesticidal Gene And Methods For It's Use	US	14/057250	20131018	2014-0051837	9260467	20160216	20310112
404	ATHENIX CORPORATION	APA 066	AXMI-205 Pesticidal Gene And Methods For It's Use	US	14/057282	20131018	US2014-0046049	9221883	20151229	20310317
405	ATHENIX CORPORATION	APA 066	AXMI-205 Pesticidal Gene And Methods For It's Use	ZA	2012/00161	20100701		2012/00161	20150128	20300701
406	ATHENIX CORPORATION	APA 067	AXMI-192 Family of Pesticidal Genes and Methods for Their Use	AR	P100102780	20100730				20300730
407	ATHENIX CORPORATION	APA 067	AXMI-192 Family of Pesticidal Genes and Methods for Their Use	AU	2010278843	20100730		2010278843	20160901	20300730
408	ATHENIX CORPORATION	APA 067	AXMI-192 Family of Pesticidal Genes and Methods for Their Use	AU	2013205250	20130410		2013205250	20160901	20300730
409	ATHENIX CORPORATION	APA 067	AXMI-192 Family of Pesticidal Genes and Methods for Their Use	AU	2016213694	20160808		2016213694	20180201	20300730
410	ATHENIX CORPORATION	APA 067	AXMI-192 Family of Pesticidal Genes and Methods for Their Use	BR	BR1120120022275-0	20100730				20300730
411	ATHENIX CORPORATION	APA 067	AXMI-192 Family of Pesticidal Genes and Methods for Their Use	CA	2,769,643	20100730				20300730
412	ATHENIX CORPORATION	APA 067	AXMI-192 Family of Pesticidal Genes and Methods for Their Use	CN	201080043772.3	20100730		ZL201080043772.3	20180424	20300730
413	ATHENIX CORPORATION	APA 067	AXMI-192 Family of Pesticidal Genes and Methods for Their Use	CN	201610244642.4	20100323				20300730
414	ATHENIX CORPORATION	APA 067	AXMI-192 Family of Pesticidal Genes and Methods for Their Use	DE	PCT/US10/43671	20100730		2459587	20160316	20300730
415	ATHENIX CORPORATION	APA 067	AXMI-192 Family of Pesticidal Genes and Methods for Their Use	EA	201200399/28	20100730				20300730
416	ATHENIX CORPORATION	APA 067	AXMI-192 Family of Pesticidal Genes and Methods for Their Use	EP	10739808.3	20100730		2459587	20160316	20300730
417	ATHENIX CORPORATION	APA 067	AXMI-192 Family of Pesticidal Genes and Methods for Their Use	FR	PCT/US10/43671	20100730		2459587	20160316	20300730
418	ATHENIX CORPORATION	APA 067	AXMI-192 Family of Pesticidal Genes and Methods for Their Use	GB	PCT/US10/43671	20100730		2459587	20160316	20300730
419	ATHENIX CORPORATION	APA 067	AXMI-192 Family of Pesticidal Genes and Methods for Their Use	IN	1160/DELNP/2012	20100730				20300730
420	ATHENIX CORPORATION	APA 067	AXMI-192 Family of Pesticidal Genes and Methods for Their Use	IT	PCT/US10/43671	20100730		2459587	20160316	20300730
421	ATHENIX CORPORATION	APA 067	AXMI-192 Family of Pesticidal Genes and Methods for Their Use	MX	MX/e/2012/001426	20100730		322066	20140718	20300730
422	ATHENIX CORPORATION	APA 067	AXMI-192 Family of Pesticidal Genes and Methods for Their Use	MX	MX/a/2014/006593	20100730				20300730
423	ATHENIX CORPORATION	APA 067	AXMI-192 Family of Pesticidal Genes and Methods for Their Use	PK	671/2010	20100730				20300730
424	ATHENIX CORPORATION	APA 067	AXMI-192 Family of Pesticidal Genes and Methods for Their Use	TH	1201000369	20100730	171888			20300730
425	ATHENIX CORPORATION	APA 067	AXMI-192 Family of Pesticidal Genes and Methods for Their Use	UG	12/046,800	20100730	2011-0030096	8461415	20130611	20310406
426	ATHENIX CORPORATION	APA 067	AXMI-192 Family of Pesticidal Genes and Methods for Their Use	ZA	201200723	20100730		2012/00723	20140326	20300730

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427	ATHENIX CORPORATION	APA 068	AXMI218, AXMI219, AXMI220, AXMI226, AXMI227, AXMI228, AXMI229, AXMI230, And AXMI231 Delta-Endotoxin Genes And Methods For Their Use	US	13/030,399	20110218	US20110203014	8,759,619	20140624	20330502
428	ATHENIX CORPORATION	APA 068	AXMI218, AXMI219, AXMI220, AXMI226, AXMI227, AXMI228, AXMI229, AXMI230, And AXMI231 Delta-Endotoxin Genes And Methods For Their Use	US	14/27,056	20140606	20140245491A1	9,156,895	20151013	20310218
429	ATHENIX CORPORATION	APA 069	AXMI221z, AXMI222z, AXMI223z, AXMI224z, And AXMI225z Delta-Endotoxin Genes And Methods For Their Use	AR	P110100480	20110217				20310217
430	ATHENIX CORPORATION	APA 069	AXMI221z, AXMI222z, AXMI223z, AXMI224z, And AXMI225z Delta-Endotoxin Genes And Methods For Their Use	AU	2011218131	20110203		2011218131	20110217	20310217
431	ATHENIX CORPORATION	APA 069	AXMI221z, AXMI222z, AXMI223z, AXMI224z, And AXMI225z Delta-Endotoxin Genes And Methods For Their Use	BD	46/2011	20110217				20270217
432	ATHENIX CORPORATION	APA 069	AXMI221z, AXMI222z, AXMI223z, AXMI224z, And AXMI225z Delta-Endotoxin Genes And Methods For Their Use	BR	112012020705-9	20110217				20310217
433	ATHENIX CORPORATION	APA 069	AXMI221z, AXMI222z, AXMI223z, AXMI224z, And AXMI225z Delta-Endotoxin Genes And Methods For Their Use	CA	2790029	20110217				20310217
434	ATHENIX CORPORATION	APA 069	AXMI221z, AXMI222z, AXMI223z, AXMI224z, And AXMI225z Delta-Endotoxin Genes And Methods For Their Use	CO	12.138894	20110217	n/a			20310207
435	ATHENIX CORPORATION	APA 069	AXMI221z, AXMI222z, AXMI223z, AXMI224z, And AXMI225z Delta-Endotoxin Genes And Methods For Their Use	DE	15171477.1	20150908	2937419	602011040757.0	20170816	20310217
436	ATHENIX CORPORATION	APA 069	AXMI221z, AXMI222z, AXMI223z, AXMI224z, And AXMI225z Delta-Endotoxin Genes And Methods For Their Use	EP	11730100.9	20110217	2536267	2536267	20150722	20310217
437	ATHENIX CORPORATION	APA 069	AXMI221z, AXMI222z, AXMI223z, AXMI224z, And AXMI225z Delta-Endotoxin Genes And Methods For Their Use	EP	15171477.1	20150908	2937419	2937419	20170816	20310217
438	ATHENIX CORPORATION	APA 069	AXMI221z, AXMI222z, AXMI223z, AXMI224z, And AXMI225z Delta-Endotoxin Genes And Methods For Their Use	ES	15171477.1	20150908	2937419	2937419	20170816	20310217
439	ATHENIX CORPORATION	APA 069	AXMI221z, AXMI222z, AXMI223z, AXMI224z, And AXMI225z Delta-Endotoxin Genes And Methods For Their Use	FR	15171477.1	20150908	2937419	2937419	20170816	20310217
440	ATHENIX CORPORATION	APA 069	AXMI221z, AXMI222z, AXMI223z, AXMI224z, And AXMI225z Delta-Endotoxin Genes And Methods For Their Use	HU	15171477.1	20150908	2937419	2937419	20170816	20310217
441	ATHENIX CORPORATION	APA 069	AXMI221z, AXMI222z, AXMI223z, AXMI224z, And AXMI225z Delta-Endotoxin Genes And Methods For Their Use	IT	15171477.1	20150908	2937419	2937419	20170816	20310217
442	ATHENIX CORPORATION	APA 069	AXMI221z, AXMI222z, AXMI223z, AXMI224z, And AXMI225z Delta-Endotoxin Genes And Methods For Their Use	MX	MX/a/2012/009632	20110217		324337	20141010	20310217
443	ATHENIX CORPORATION	APA 069	AXMI221z, AXMI222z, AXMI223z, AXMI224z, And AXMI225z Delta-Endotoxin Genes And Methods For Their Use	MX	MX/a/2014/012108	20141007		347768	20170512	20310217
444	ATHENIX CORPORATION	APA 069	AXMI221z, AXMI222z, AXMI223z, AXMI224z, And AXMI225z Delta-Endotoxin Genes And Methods For Their Use	NL	15171477.1	20150908	2937419	2937419	20170816	20310217
445	ATHENIX CORPORATION	APA 069	AXMI221z, AXMI222z, AXMI223z, AXMI224z, And AXMI225z Delta-Endotoxin Genes And Methods For Their Use	PK	98/2011	20110217				20310217
446	ATHENIX CORPORATION	APA 069	AXMI221z, AXMI222z, AXMI223z, AXMI224z, And AXMI225z Delta-Endotoxin Genes And Methods For Their Use	RO	11730100.9	20110217	2536267	2536267	20150722	20310217
447	ATHENIX CORPORATION	APA 069	AXMI221z, AXMI222z, AXMI223z, AXMI224z, And AXMI225z Delta-Endotoxin Genes And Methods For Their Use	RO	15171477.1	20150908	2937419	2937419	20170816	20310217
448	ATHENIX CORPORATION	APA 069	AXMI221z, AXMI222z, AXMI223z, AXMI224z, And AXMI225z Delta-Endotoxin Genes And Methods For Their Use	US	13/030,415	20110218	US20110203015	8,686,124	20140401	20310421
449	ATHENIX CORPORATION	APA 069	AXMI221z, AXMI222z, AXMI223z, AXMI224z, And AXMI225z Delta-Endotoxin Genes And Methods For Their Use	US	14/207950	20140313	US-2014-0195175	9200249	20151208	20300218
450	ATHENIX CORPORATION	APA 069	AXMI221z, AXMI222z, AXMI223z, AXMI224z, And AXMI225z Delta-Endotoxin Genes And Methods For Their Use	US	14/932494	20151104	US-20160053276			20300218
451	ATHENIX CORPORATION	APA 069	AXMI221z, AXMI222z, AXMI223z, AXMI224z, And AXMI225z Delta-Endotoxin Genes And Methods For Their Use	ZA	2012/06087	20110217		2012/06087	20141029	20310217
452	ATHENIX CORPORATION	APA11-6003	AXMI232, AXMI233, AND AXMI249 TOXIN GENES AND METHODS FOR THEIR USE	US	14/007,886	20120329	20140096281A1	9095440	20170704	20150709
453	ATHENIX CORPORATION	APA11-6004	AXMI236 TOXIN GENE AND METHODS FOR ITS USE	AR	P120100480	20120727				20320727
454	ATHENIX CORPORATION	APA11-6004	AXMI236 TOXIN GENE AND METHODS FOR ITS USE	BR	BR112014002027-2	20120727				20320727
455	ATHENIX CORPORATION	APA11-6004	AXMI236 TOXIN GENE AND METHODS FOR ITS USE	CA	2,844,355	20120727				20320727
456	ATHENIX CORPORATION	APA11-6004	AXMI236 TOXIN GENE AND METHODS FOR ITS USE	CN	201280046405.8	20120727				20320727
457	ATHENIX CORPORATION	APA11-6004	AXMI236 TOXIN GENE AND METHODS FOR ITS USE	EA	201490374	20120727				20340227
458	ATHENIX CORPORATION	APA11-6004	AXMI236 TOXIN GENE AND METHODS FOR ITS USE	IN	483/CHENP/2014	20120727				20320727
459	ATHENIX CORPORATION	APA11-6004	AXMI236 TOXIN GENE AND METHODS FOR ITS USE	UA	2014 02007	20120727				20340227
460	ATHENIX CORPORATION	APA11-6004	AXMI236 TOXIN GENE AND METHODS FOR ITS USE	ZA	2014/00561	20120727		201400561	20160928	20320727
461	ATHENIX CORPORATION	APA11-6006	AXMI236 TOXIN GENE AND METHODS FOR ITS USE	US	14/007,685	20120326	US-2014-0033363	9321814	20160426	20320714
462	ATHENIX CORPORATION	APA11-6017	AXMI254 AND AXMI266 TOXIN GENES AND METHODS FOR THEIR USE	US	15247196	20160825				20320417
463	ATHENIX CORPORATION	APA11-6017	AXMI254 AND AXMI266 TOXIN GENES AND METHODS FOR THEIR USE	US	15/943934	20180403				20320417
464	ATHENIX CORPORATION	APA11-6020	Axmi277 Nematode Toxin and Methods for its Use	AR	P120102582	20120629	764			20320629
465	ATHENIX CORPORATION	APA11-6020	Axmi277 Nematode Toxin and Methods for its Use	BO	SP 00213-2012	20120629				20320629
466	ATHENIX CORPORATION	APA11-6020	Axmi277 Nematode Toxin and Methods for its Use	BR	BR112013033592-0	20120629				20320629
467	ATHENIX CORPORATION	APA11-6020	Axmi277 Nematode Toxin and Methods for its Use	CA	2,840,683	20120629				20320629
468	ATHENIX CORPORATION	APA11-6020	Axmi277 Nematode Toxin and Methods for its Use	CN	201280042133.4	20120629	103998610			20320629
469	ATHENIX CORPORATION	APA11-6020	Axmi277 Nematode Toxin and Methods for its Use	EP	12737397.5	20120629	2726617			20320629
470	ATHENIX CORPORATION	APA11-6020	Axmi277 Nematode Toxin and Methods for its Use	IN	3620/KOLNP/2013	20120629				20320629
471	ATHENIX CORPORATION	APA11-6020	Axmi277 Nematode Toxin and Methods for its Use	PK	429/2012	20120629				20320629
472	ATHENIX CORPORATION	APA11-6020	Axmi277 Nematode Toxin and Methods for its Use	PY	30448	20120629				20320629
473	ATHENIX CORPORATION	APA11-6020	Axmi277 Nematode Toxin and Methods for its Use	RU	2014102759	20120629				20320629
474	ATHENIX CORPORATION	APA11-6020	Axmi277 Nematode Toxin and Methods for its Use	UA	201315289	20120629				20320629
475	ATHENIX CORPORATION	APA11-6020	Axmi277 Nematode Toxin and Methods for its Use	US	14/127574	20120629	20140380521A1			20331219
476	ATHENIX CORPORATION	APA11-6020	Axmi277 Nematode Toxin and Methods for its Use	UY	34179	20120629	160			20320629
477	ATHENIX CORPORATION	APA11-6020	Axmi277 Nematode Toxin and Methods for its Use	ZA	2014/00199	20120629				20320629
478	ATHENIX CORPORATION	APA11-6021	Axmi115 Variant Insecticidal Gene and Methods for its Use	AP	AP/P/2013/007163	20120404				20320404
479	ATHENIX CORPORATION	APA11-6021	Axmi115 Variant Insecticidal Gene and Methods for its Use	AR	P120101158	20120404	n/a			20320404
480	ATHENIX CORPORATION	APA11-6021	Axmi115 Variant Insecticidal Gene and Methods for its Use	AU	2017202747	20170426				20320404
481	ATHENIX CORPORATION	APA11-6021	Axmi115 Variant Insecticidal Gene and Methods for its Use	BR	BR112013025865-8	20120404				20320404
482	ATHENIX CORPORATION	APA11-6021	Axmi115 Variant Insecticidal Gene and Methods for its Use	CA	2,832,087	20120404				20320404
483	ATHENIX CORPORATION	APA11-6021	Axmi115 Variant Insecticidal Gene and Methods for its Use	CN	201280027517.0	20120404				20320404
484	ATHENIX CORPORATION	APA11-6021	Axmi115 Variant Insecticidal Gene and Methods for its Use	EA	201391444	20120404				20320404
485	ATHENIX CORPORATION	APA11-6021	Axmi115 Variant Insecticidal Gene and Methods for its Use	EP	12714995.2	20120404				20320404

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486	ATHENIX CORPORATION	APA11-6021	Axmi115 Variant Insecticidal Gene and Methods for Its Use	ID	WO0 201304540	20120404	2014/03117				20320404
487	ATHENIX CORPORATION	APA11-6021	Axmi115 Variant Insecticidal Gene and Methods for Its Use	IN	2680/KOLNP/2013	20120404					20320404
488	ATHENIX CORPORATION	APA11-6021	Axmi115 Variant Insecticidal Gene and Methods for Its Use	MX	MX/a/2013/011580	20120404		344229	20161207		20320404
489	ATHENIX CORPORATION	APA11-6021	Axmi115 Variant Insecticidal Gene and Methods for Its Use	MX	MX/a/2016/015033	20161116					20320404
490	ATHENIX CORPORATION	APA11-6021	Axmi115 Variant Insecticidal Gene and Methods for Its Use	OA	1201300428	20120404		16814	20140829		20320404
491	ATHENIX CORPORATION	APA11-6021	Axmi115 Variant Insecticidal Gene and Methods for Its Use	PK	6222/12	20120403					20320402
492	ATHENIX CORPORATION	APA11-6021	Axmi115 Variant Insecticidal Gene and Methods for Its Use	PY	15532	20120404					20320404
493	ATHENIX CORPORATION	APA11-6021	Axmi115 Variant Insecticidal Gene and Methods for Its Use	TH	1301005698	20120404					20320404
494	ATHENIX CORPORATION	APA11-6021	Axmi115 Variant Insecticidal Gene and Methods for Its Use	UA	201311758	20120404					20320404
495	ATHENIX CORPORATION	APA11-6021	Axmi115 Variant Insecticidal Gene and Methods for Its Use	US	14/851442	20150911	US-2016-0186202	9752156	20170905		20320530
496	ATHENIX CORPORATION	APA11-6021	Axmi115 Variant Insecticidal Gene and Methods for Its Use	US	14851555	20150911	20150376244	9982274	20180529		20310405
497	ATHENIX CORPORATION	APA11-6021	Axmi115 Variant Insecticidal Gene and Methods for Its Use	US	15/950817	20180424					20310405
498	ATHENIX CORPORATION	APA11-6021	Axmi115 Variant Insecticidal Gene and Methods for Its Use	UY	34,005	20120904	157				20320094
499	ATHENIX CORPORATION	APA11-6021	Axmi115 Variant Insecticidal Gene and Methods for Its Use	VN	1-2013-03204	20120404					20320404
500	ATHENIX CORPORATION	APA11-6021	Axmi115 Variant Insecticidal Gene and Methods for Its Use	ZA	2013/07363	20120404		2013/07363	20160127		20320404
501	ATHENIX CORPORATION	APA11-6029	Axmi205 Variant Proteins and Methods for Their Use	AR	P120102749	20120727	AR 088746 A1				20320727
502	ATHENIX CORPORATION	APA11-6029	Axmi205 Variant Proteins and Methods for Their Use	BR	BR112014001978-9	20120727					20320727
503	ATHENIX CORPORATION	APA11-6029	Axmi205 Variant Proteins and Methods for Their Use	CA	2,842,530	20120727					20320727
504	ATHENIX CORPORATION	APA11-6029	Axmi205 Variant Proteins and Methods for Their Use	CN	201280046408.1	20120727					20320727
505	ATHENIX CORPORATION	APA11-6029	Axmi205 Variant Proteins and Methods for Their Use	DE	12748303.0	20120727	2737069	602012036321.5	20170823		20320727
506	ATHENIX CORPORATION	APA11-6029	Axmi205 Variant Proteins and Methods for Their Use	EA	201490379	20120727					20340227
507	ATHENIX CORPORATION	APA11-6029	Axmi205 Variant Proteins and Methods for Their Use	EP	12748303.0	20120727	2737069	2737069	20170823		20320727
508	ATHENIX CORPORATION	APA11-6029	Axmi205 Variant Proteins and Methods for Their Use	ES	12748303.0	20120727	2737069	2737069	20170823		20320727
509	ATHENIX CORPORATION	APA11-6029	Axmi205 Variant Proteins and Methods for Their Use	FR	12748303.0	20120727	2737069	2737069	20170823		20320727
510	ATHENIX CORPORATION	APA11-6029	Axmi205 Variant Proteins and Methods for Their Use	HU	12748303.0	20120727	2737069	2737069	20170823		20320727
511	ATHENIX CORPORATION	APA11-6029	Axmi205 Variant Proteins and Methods for Their Use	IN	488/CHENP/2014	20120727					20320727
512	ATHENIX CORPORATION	APA11-6029	Axmi205 Variant Proteins and Methods for Their Use	IT	12748303.0	20120727	2737069	2737069	20170823		20320727
513	ATHENIX CORPORATION	APA11-6029	Axmi205 Variant Proteins and Methods for Their Use	MX	MX/a/2014/091069	20120727	n/a	361928	20171018		20320727
514	ATHENIX CORPORATION	APA11-6029	Axmi205 Variant Proteins and Methods for Their Use	PL	12748303.0	20120727	2737069	2737069	20170823		20320727
515	ATHENIX CORPORATION	APA11-6029	Axmi205 Variant Proteins and Methods for Their Use	RO	12748303.0	20120727	2737069	2737069	20170823		20320727
516	ATHENIX CORPORATION	APA11-6029	Axmi205 Variant Proteins and Methods for Their Use	RS	12748303.0	20120727	2737069	2737069	20170823		20320727
517	ATHENIX CORPORATION	APA11-6029	Axmi205 Variant Proteins and Methods for Their Use	TR	12748303.0	20120727	2737069	2737069	20170823		20320727
518	ATHENIX CORPORATION	APA11-6029	Axmi205 Variant Proteins and Methods for Their Use	UA	2014 02009	20120727					20340227
519	ATHENIX CORPORATION	APA11-6029	Axmi205 Variant Proteins and Methods for Their Use	US	14/233426	20120727	US-2014-0298538-A1	9562965	20180109		20360228
520	ATHENIX CORPORATION	APA11-6029	Axmi205 Variant Proteins and Methods for Their Use	US	15/828743	20171130	US-2018-0080039-A1				20310726
521	ATHENIX CORPORATION	APA11-6029	Axmi205 Variant Proteins and Methods for Their Use	ZA	2014/00562	20120727					20320727
522	ATHENIX CORPORATION	APA11-6030	Axmi270 Toxin Gene and Methods for Its Use	AR	P 12 01 02750	20120727					20320727
523	ATHENIX CORPORATION	APA11-6030	Axmi270 Toxin Gene and Methods for Its Use	BR	BR112014001909-6	20120727					20320727
524	ATHENIX CORPORATION	APA11-6030	Axmi270 Toxin Gene and Methods for Its Use	CA	2,844,357	20120727					20320727
525	ATHENIX CORPORATION	APA11-6030	Axmi270 Toxin Gene and Methods for Its Use	CN	201280046415.1	20120727					20320727
526	ATHENIX CORPORATION	APA11-6030	Axmi270 Toxin Gene and Methods for Its Use	MX	MX/a/2014/000993	20120727	n/a				20320727
527	ATHENIX CORPORATION	APA11-6030	Axmi270 Toxin Gene and Methods for Its Use	RU	2014107672	20120727					20340227
528	ATHENIX CORPORATION	APA11-6030	Axmi270 Toxin Gene and Methods for Its Use	UA	201400799	20120727					20320727
529	ATHENIX CORPORATION	APA11-6030	Axmi270 Toxin Gene and Methods for Its Use	US	14/233431	20120727	US2014-0223598	9526122	20161227		20340809
530	ATHENIX CORPORATION	APA11-6030	Axmi270 Toxin Gene and Methods for Its Use	ZA	2014/00563	20120727					20320727
531	ATHENIX CORPORATION	APA12-6001	AXMI335 TOXIN GENE AND METHODS FOR ITS USE	AR	P 13 01 00745	20130307					20330307
532	ATHENIX CORPORATION	APA12-6001	AXMI335 TOXIN GENE AND METHODS FOR ITS USE	BE	13710270.3	20130307		2822961	20170419		20330307
533	ATHENIX CORPORATION	APA12-6001	AXMI335 TOXIN GENE AND METHODS FOR ITS USE	BR	112014022034-4	20130307					20330307
534	ATHENIX CORPORATION	APA12-6001	AXMI335 TOXIN GENE AND METHODS FOR ITS USE	CA	2,866,239	20130307					20330308
535	ATHENIX CORPORATION	APA12-6001	AXMI335 TOXIN GENE AND METHODS FOR ITS USE	CH	13710270.3	20130307		2822961	20170419		20330307
536	ATHENIX CORPORATION	APA12-6001	AXMI335 TOXIN GENE AND METHODS FOR ITS USE	CN	201380012555.1	20130307					20330307
537	ATHENIX CORPORATION	APA12-6001	AXMI335 TOXIN GENE AND METHODS FOR ITS USE	DE	13710270.3	20130307		602013019988.4	20170419		20330307
538	ATHENIX CORPORATION	APA12-6001	AXMI335 TOXIN GENE AND METHODS FOR ITS USE	EP	13710270.3	20130307		2822961	20170419		20330307
539	ATHENIX CORPORATION	APA12-6001	AXMI335 TOXIN GENE AND METHODS FOR ITS USE	ES	13710270.3	20130307		2822961	20170419		20330307
540	ATHENIX CORPORATION	APA12-6001	AXMI335 TOXIN GENE AND METHODS FOR ITS USE	FR	13710270.3	20130307		2822961	20170419		20330307
541	ATHENIX CORPORATION	APA12-6001	AXMI335 TOXIN GENE AND METHODS FOR ITS USE	HU	13710270.3	20130307		2822961	20170419		20330307
542	ATHENIX CORPORATION	APA12-6001	AXMI335 TOXIN GENE AND METHODS FOR ITS USE	IN	2020/KOLNP/2014	20130307					20330307
543	ATHENIX CORPORATION	APA12-6001	AXMI335 TOXIN GENE AND METHODS FOR ITS USE	IT	13710270.3	20130307		502017000075524	20170419		20330307
544	ATHENIX CORPORATION	APA12-6001	AXMI335 TOXIN GENE AND METHODS FOR ITS USE	MX	MX/a/2014/010596	20130307					20330307
545	ATHENIX CORPORATION	APA12-6001	AXMI335 TOXIN GENE AND METHODS FOR ITS USE	NL	13710270.3	20130307		2822961	20170419		20330307

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546	ATHENIX CORPORATION	APA12-6001	AXMI335 TOXIN GENE AND METHODS FOR ITS USE	PY	00787	20130307					20330307
547	ATHENIX CORPORATION	APA12-6001	AXMI335 TOXIN GENE AND METHODS FOR ITS USE	RO	13710270.3	20130307		2022981	20170419		20330307
548	ATHENIX CORPORATION	APA12-6001	AXMI335 TOXIN GENE AND METHODS FOR ITS USE	UA	a201410828	20130307		115235	20171010		20330307
549	ATHENIX CORPORATION	APA12-6001	AXMI335 TOXIN GENE AND METHODS FOR ITS USE	US	14/376880	20130307	20150289273A1	9790256	20171017		20340513
550	ATHENIX CORPORATION	APA12-6001	AXMI335 TOXIN GENE AND METHODS FOR ITS USE	UY	34862	20130307	169				20330307
551	ATHENIX CORPORATION	APA12-6001	AXMI335 TOXIN GENE AND METHODS FOR ITS USE	ZA	2014/06824	20130307					20330307
552	ATHENIX CORPORATION	APA12-6002	AXMI345 DELTA-ENDOTOXIN GENE AND METHODS FOR ITS USE	AR	P 13 01 00746	20130307					20330307
553	ATHENIX CORPORATION	APA12-6002	AXMI345 DELTA-ENDOTOXIN GENE AND METHODS FOR ITS USE	BR	BR112014022166-9	20130307					20330307
554	ATHENIX CORPORATION	APA12-6002	AXMI345 DELTA-ENDOTOXIN GENE AND METHODS FOR ITS USE	CA	2,866,241	20130307					20330307
555	ATHENIX CORPORATION	APA12-6002	AXMI345 DELTA-ENDOTOXIN GENE AND METHODS FOR ITS USE	CN	201380012518.0	20130307					20330307
556	ATHENIX CORPORATION	APA12-6002	AXMI345 DELTA-ENDOTOXIN GENE AND METHODS FOR ITS USE	MX	MX/a/2014/010505	20130307					20330307
557	ATHENIX CORPORATION	APA12-6002	AXMI345 DELTA-ENDOTOXIN GENE AND METHODS FOR ITS USE	UA	a201410829	20130307		115236	20171010		20330307
558	ATHENIX CORPORATION	APA12-6002	AXMI345 DELTA-ENDOTOXIN GENE AND METHODS FOR ITS USE	US	14/376944	20130307	20140373195A1	9725735	20170808		20331016
559	ATHENIX CORPORATION	APA12-6002	AXMI345 DELTA-ENDOTOXIN GENE AND METHODS FOR ITS USE	ZA	2014/06823	20130307					20330307
560	ATHENIX CORPORATION	APA12-6010	AXMI-234 and AXMI-235 DELTA-ENDOTOXIN GENES AND METHODS FOR THEIR USE	US	14/424600	20130829	20150218583	9758793	20170912		20331114
561	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	AR	20130103290	20130913	AR 092564 A1				20330913
562	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	AU	2013315385	20130913					20330913
563	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	BO	SP-0287-2013	20130913	11769				20330913
564	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	BR	BR112015005741	20130913					20330913
565	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	CA	2,884,895	20130913					20330913
566	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	CL	201500840	20130913					20330913
567	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	CN	201380053529.3	20130913	CN 104768690A				20330913
568	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	CO	15-62640	20130913					20330913
569	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	EA	201590367	20130913					20330913
570	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	EG	PCT376/2015	20130913					20330913
571	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	EP	18205878.8	20161221	3173477				20330913
572	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	ID	P00201501994	20130913					20330913
573	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	IL	237689	20130913					20330913
574	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	IN	2984/DELNP/2015	20130913					20350409
575	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	JP	2015-532063	20130913					20350312
576	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	KR	10-2015-7009501	20130913					20330913
577	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	MX	MX/a/2015/003322	20130913					20350313
578	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	MY	2015000825	20130913					20330913
579	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	MY	PI2015000450	20130326					20330913
580	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	PH	1-2015-500549	20130913	WO2014/043435				20330913
581	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	PK	0620/13	20130913					20330912
582	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	PY	422102013	20130913					20330913
583	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	TH	1501001427	20130913					20330913
584	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	UA	a 2015 03416	20130913					20350410
585	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	US	14/441638	20130913	US20150267160A1				20350508
586	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	UY	35035	20130913	175				20330913
587	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	VN	1-2015-01250	20130913					20330913
588	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	ZA	2015/02903	20130913					20330913
589	ATHENIX CORPORATION	APA13-6001	USE OF AXMI184 FOR THE CONTROL OF ROOTWORM INSECTS	AR	20140100456	20140213					20340213
590	ATHENIX CORPORATION	APA13-6001	USE OF AXMI184 FOR THE CONTROL OF ROOTWORM INSECTS	CA	2,901,160	20140212					20340212
591	ATHENIX CORPORATION	APA13-6001	USE OF AXMI184 FOR THE CONTROL OF ROOTWORM INSECTS	CN	201480008801.0	20140212	CN105042079A				20340212
592	ATHENIX CORPORATION	APA13-6001	USE OF AXMI184 FOR THE CONTROL OF ROOTWORM INSECTS	EP	14707888.5	20140212		2956547	20180502		20340212
593	ATHENIX CORPORATION	APA13-6001	USE OF AXMI184 FOR THE CONTROL OF ROOTWORM INSECTS	MX	PCT/US14/15997	20140212					20340212
594	ATHENIX CORPORATION	APA13-6001	USE OF AXMI184 FOR THE CONTROL OF ROOTWORM INSECTS	UA	a201508812	20140212		115896	20180110		20340212
595	ATHENIX CORPORATION	APA13-6001	USE OF AXMI184 FOR THE CONTROL OF ROOTWORM INSECTS	US	14767360	20140212	20150376243				20350812
596	ATHENIX CORPORATION	APA13-6001	USE OF AXMI184 FOR THE CONTROL OF ROOTWORM INSECTS	ZA	2015/06054	20140212					20340212
597	ATHENIX CORPORATION	APA13-6008	AXMI388 TOXIN GENE AND METHODS FOR ITS USE	AR	20140100762	20140307					20340307
598	ATHENIX CORPORATION	APA13-6008	AXMI388 TOXIN GENE AND METHODS FOR ITS USE	AU	2014225732	20140306					20340306
599	ATHENIX CORPORATION	APA13-6008	AXMI388 TOXIN GENE AND METHODS FOR ITS USE	BO	SP-0064-2014	20140306					20340306
600	ATHENIX CORPORATION	APA13-6008	AXMI388 TOXIN GENE AND METHODS FOR ITS USE	BR	1120150216510	20140306					20350904
601	ATHENIX CORPORATION	APA13-6008	AXMI388 TOXIN GENE AND METHODS FOR ITS USE	CA	2,902,464	20140306					20340306
602	ATHENIX CORPORATION	APA13-6008	AXMI388 TOXIN GENE AND METHODS FOR ITS USE	CN	201480012848.X	20140306	CN105247054A				20350923
603	ATHENIX CORPORATION	APA13-6008	AXMI388 TOXIN GENE AND METHODS FOR ITS USE	EP	14713987.3	20140306					20340306
604	ATHENIX CORPORATION	APA13-6008	AXMI388 TOXIN GENE AND METHODS FOR ITS USE	ID	P0020150831	20140306					20340306
605	ATHENIX CORPORATION	APA13-6008	AXMI388 TOXIN GENE AND METHODS FOR ITS USE	IN	3281/KOLNP/2015	20140306					20351007

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606	ATHENIX CORPORATION	APA13-6006	AXMI358 TOXIN GENE AND METHODS FOR ITS USE	JP	2015-561637	20140306				20340306
607	ATHENIX CORPORATION	APA13-6006	AXMI358 TOXIN GENE AND METHODS FOR ITS USE	MX	MX/E/2015/084593	20140306				20350907
608	ATHENIX CORPORATION	APA13-6006	AXMI358 TOXIN GENE AND METHODS FOR ITS USE	PK						
609	ATHENIX CORPORATION	APA13-6006	AXMI358 TOXIN GENE AND METHODS FOR ITS USE	PY	0557/2014	20140307				20340307
610	ATHENIX CORPORATION	APA13-6006	AXMI358 TOXIN GENE AND METHODS FOR ITS USE	RU	2015142582	20140306				20340306
611	ATHENIX CORPORATION	APA13-6006	AXMI358 TOXIN GENE AND METHODS FOR ITS USE	UA	a 2015 09729	20140306				20351007
612	ATHENIX CORPORATION	APA13-6006	AXMI358 TOXIN GENE AND METHODS FOR ITS USE	US	14/773015	20140306	US20160017363A1			20340703
613	ATHENIX CORPORATION	APA13-6006	AXMI358 TOXIN GENE AND METHODS FOR ITS USE	UY	35366	20140306				20340306
614	ATHENIX CORPORATION	APA13-6006	AXMI358 TOXIN GENE AND METHODS FOR ITS USE	ZA	2015/07262	20140306				20340306
615	Bayer CropScience LP	APA13-6048	CONSTITUTIVE SOYBEAN PROMOTERS	AR	20140101075	20140314				20340314
616	Bayer CropScience LP	APA13-6048	CONSTITUTIVE SOYBEAN PROMOTERS	CA	2,903,226	20140311				20340311
617	Bayer CropScience LP	APA13-6048	CONSTITUTIVE SOYBEAN PROMOTERS	CN	201480016787	20140311	CN105102474			20340311
618	Bayer CropScience LP	APA13-6048	CONSTITUTIVE SOYBEAN PROMOTERS	EP	14719208.2	20140311	2970405			20340311
619	Bayer CropScience LP	APA13-6048	CONSTITUTIVE SOYBEAN PROMOTERS	MX	MX/a/2015/012171	20140311				20350910
620	Bayer CropScience LP	APA13-6048	CONSTITUTIVE SOYBEAN PROMOTERS	RU	2015144014	20140311				20340311
621	Bayer CropScience LP	APA13-6048	CONSTITUTIVE SOYBEAN PROMOTERS	UA	A 2015 10071	20140311				20340311
622	Bayer CropScience LP	APA13-6048	CONSTITUTIVE SOYBEAN PROMOTERS	US	14/767599	20140311	20150376643	9944938	20180417	20340511
623	Bayer CropScience LP	APA13-6048	CONSTITUTIVE SOYBEAN PROMOTERS	AU	2014237157	20140311				20340311
624	Bayer CropScience LP	APA13-6048	CONSTITUTIVE SOYBEAN PROMOTERS	BR	112015022455-4	20140311				20340311
625	Bayer CropScience LP	APA13-6048	CONSTITUTIVE SOYBEAN PROMOTERS	IN	2952/KOLNP/2015	20140311				20340311
626	Bayer CropScience LP	APA13-6048	CONSTITUTIVE SOYBEAN PROMOTERS	JP	2016501197	20140311				20350914
627	Bayer CropScience LP	APA13-6048	CONSTITUTIVE SOYBEAN PROMOTERS	ZA	2015/06590	20140311				20340311
628	ATHENIX CORPORATION	APA13-6049	AXMI281 TOXIN GENE AND METHODS FOR ITS USE	US	14/910342	20140808	US-20160177332	9862967	20180109	20341111
629	ATHENIX CORPORATION	APA13-6050	AXMI422 TOXIN GENE AND METHODS FOR ITS USE	AR	P140102979	20140807				20340807
630	ATHENIX CORPORATION	APA13-6050	AXMI422 TOXIN GENE AND METHODS FOR ITS USE	BO	SP-0211-2014	20140808				20340808
631	ATHENIX CORPORATION	APA13-6050	AXMI422 TOXIN GENE AND METHODS FOR ITS USE	BR	112016002131-2	20140808				20340808
632	ATHENIX CORPORATION	APA13-6050	AXMI422 TOXIN GENE AND METHODS FOR ITS USE	CA	2,916,402	20140808				20340808
633	ATHENIX CORPORATION	APA13-6050	AXMI422 TOXIN GENE AND METHODS FOR ITS USE	CN	201480043894.3	20140808				20340808
634	ATHENIX CORPORATION	APA13-6050	AXMI422 TOXIN GENE AND METHODS FOR ITS USE	PY	344573/2014	20140808				20340808
635	ATHENIX CORPORATION	APA13-6050	AXMI422 TOXIN GENE AND METHODS FOR ITS USE	US	14/910470	20140808	US-2016-0201082			20340808
636	ATHENIX CORPORATION	APA13-6050	AXMI422 TOXIN GENE AND METHODS FOR ITS USE	UY	35,698	20140808				20340808
637	ATHENIX CORPORATION	APA13-6050	AXMI422 TOXIN GENE AND METHODS FOR ITS USE	ZA	2016/00203	20140808		2016/00203	20180530	20340808
638	ATHENIX CORPORATION	APA13-6051	AXMI440 TOXIN GENE AND METHODS FOR ITS USE	AR	P140102980	20140807				20340807
639	ATHENIX CORPORATION	APA13-6051	AXMI440 TOXIN GENE AND METHODS FOR ITS USE	BO	SP-02110-2014	20140808				20340808
640	ATHENIX CORPORATION	APA13-6051	AXMI440 TOXIN GENE AND METHODS FOR ITS USE	BR	112016002130-4	20140808				20340808
641	ATHENIX CORPORATION	APA13-6051	AXMI440 TOXIN GENE AND METHODS FOR ITS USE	CA	2,916,397	20140808				20340808
642	ATHENIX CORPORATION	APA13-6051	AXMI440 TOXIN GENE AND METHODS FOR ITS USE	CN	201480043993.9	20140808	CN105512170A			20340808
643	ATHENIX CORPORATION	APA13-6051	AXMI440 TOXIN GENE AND METHODS FOR ITS USE	EP	14824694.7	20140808	3030572			20340808
644	ATHENIX CORPORATION	APA13-6051	AXMI440 TOXIN GENE AND METHODS FOR ITS USE	IN	4274/KOLNP/2015	20140808				20340808
645	ATHENIX CORPORATION	APA13-6051	AXMI440 TOXIN GENE AND METHODS FOR ITS USE	MX	MX/a/2015/001507	20140808				20340808
646	ATHENIX CORPORATION	APA13-6051	AXMI440 TOXIN GENE AND METHODS FOR ITS USE	PY	3413/2014	20140807				20340807
647	ATHENIX CORPORATION	APA13-6051	AXMI440 TOXIN GENE AND METHODS FOR ITS USE	UA	a 2016 02083	20140808				20340808
648	ATHENIX CORPORATION	APA13-6051	AXMI440 TOXIN GENE AND METHODS FOR ITS USE	US	14/910474	20140808	US-2016-0185830			20340808
649	ATHENIX CORPORATION	APA13-6051	AXMI440 TOXIN GENE AND METHODS FOR ITS USE	UY	35696	20140808				20340808
650	ATHENIX CORPORATION	APA13-6051	AXMI440 TOXIN GENE AND METHODS FOR ITS USE	ZA	2016/00204	20140808				20340808
651	ATHENIX CORPORATION	APA13-6053	USE OF AXMI-011 FOR THE CONTROL OF HEMIPTERAN INSECTS	CN	201480064309.5	20141121	CN105764343			20341121
652	ATHENIX CORPORATION	APA13-6053	USE OF AXMI-011 FOR THE CONTROL OF HEMIPTERAN INSECTS	ID	P00201504175	20141121	2017/10877			20341121
653	ATHENIX CORPORATION	APA13-6053	USE OF AXMI-011 FOR THE CONTROL OF HEMIPTERAN INSECTS	IN	201617020503	20141121				20341121
654	ATHENIX CORPORATION	APA13-6053	USE OF AXMI-011 FOR THE CONTROL OF HEMIPTERAN INSECTS	PH	1-2016-500865	20141121				20341121
655	ATHENIX CORPORATION	APA13-6053	USE OF AXMI-011 FOR THE CONTROL OF HEMIPTERAN INSECTS	PK	819/2014	20141120				20341120
656	ATHENIX CORPORATION	APA13-6053	USE OF AXMI-011 FOR THE CONTROL OF HEMIPTERAN INSECTS	TH	PCT/US2014/066750	20141121				20341121
657	ATHENIX CORPORATION	APA13-6053	USE OF AXMI-011 FOR THE CONTROL OF HEMIPTERAN INSECTS	VN	1-2016-02188	20141121				20341121
658	ATHENIX CORPORATION	APA13-6054	AXMI477, AXMI482, AXMI486 AND AXMI525 TOXIN GENES AND METHODS FOR THEIR USE	AR	P140104571	20141209				20341209
659	ATHENIX CORPORATION	APA13-6054	AXMI477, AXMI482, AXMI486 AND AXMI525 TOXIN GENES AND METHODS FOR THEIR USE	AU	2014364119	20141208				20341208
660	ATHENIX CORPORATION	APA13-6054	AXMI477, AXMI482, AXMI486 AND AXMI525 TOXIN GENES AND METHODS FOR THEIR USE	BO	SP-0292-2014	20141208				20341209
661	ATHENIX CORPORATION	APA13-6054	AXMI477, AXMI482, AXMI486 AND AXMI525 TOXIN GENES AND METHODS FOR THEIR USE	BR	112016014432-0	20141208				20341208
662	ATHENIX CORPORATION	APA13-6054	AXMI477, AXMI482, AXMI486 AND AXMI525 TOXIN GENES AND METHODS FOR THEIR USE	CA	2931258	20141208				20341208
663	ATHENIX CORPORATION	APA13-6054	AXMI477, AXMI482, AXMI486 AND AXMI525 TOXIN GENES AND METHODS FOR THEIR USE	CN	201480064626.7	20141208	CN106164274A			20341209
664	ATHENIX CORPORATION	APA13-6054	AXMI477, AXMI482, AXMI486 AND AXMI525 TOXIN GENES AND METHODS FOR THEIR USE	EA	201691192	20141208				20341208
665	ATHENIX CORPORATION	APA13-6054	AXMI477, AXMI482, AXMI486 AND AXMI525 TOXIN GENES AND METHODS FOR THEIR USE	EP	14035605.6	20141208				20341208

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666	ATHENIX CORPORATION	APA13-6054	AXMI477, AXMI482, AXMI486 AND AXMI525 TOXIN GENES AND METHODS FOR THEIR USE	ID	P00201504249	20141208	2017/09749			20341208
667	ATHENIX CORPORATION	APA13-6054	AXMI477, AXMI482, AXMI486 AND AXMI525 TOXIN GENES AND METHODS FOR THEIR USE	IN	201637017809	20141208				20341208
668	ATHENIX CORPORATION	APA13-6054	AXMI477, AXMI482, AXMI486 AND AXMI525 TOXIN GENES AND METHODS FOR THEIR USE	JP	2016-537535	20141208				20341208
669	ATHENIX CORPORATION	APA13-6054	AXMI477, AXMI482, AXMI486 AND AXMI525 TOXIN GENES AND METHODS FOR THEIR USE	KR	PCT/US2014/68980	20141208				20341208
670	ATHENIX CORPORATION	APA13-6054	AXMI477, AXMI482, AXMI486 AND AXMI525 TOXIN GENES AND METHODS FOR THEIR USE	MX	PCT/US2014/68980	20141208				20341208
671	ATHENIX CORPORATION	APA13-6054	AXMI477, AXMI482, AXMI486 AND AXMI525 TOXIN GENES AND METHODS FOR THEIR USE	PY	54924/2014	20141208				20341208
672	ATHENIX CORPORATION	APA13-6054	AXMI477, AXMI482, AXMI486 AND AXMI525 TOXIN GENES AND METHODS FOR THEIR USE	UA	a 2016 07471	20141208				20341208
673	ATHENIX CORPORATION	APA13-6054	AXMI477, AXMI482, AXMI486 AND AXMI525 TOXIN GENES AND METHODS FOR THEIR USE	US	15/102785	20141208	US20180311865			20341208
674	ATHENIX CORPORATION	APA13-6054	AXMI477, AXMI482, AXMI486 AND AXMI525 TOXIN GENES AND METHODS FOR THEIR USE	UY	35.856	20141209				20341209
675	ATHENIX CORPORATION	APA13-6054	AXMI477, AXMI482, AXMI486 AND AXMI525 TOXIN GENES AND METHODS FOR THEIR USE	ZA	2016/03471	20141208				20341208
676	BAYER CROPSCIENCE AKTIENGESELLSCHAF	APA14-6008	HPPD VARIANTS AND METHODS OF USE	AR						
677	BAYER CROPSCIENCE AKTIENGESELLSCHAF	APA14-6008	HPPD VARIANTS AND METHODS OF USE	BO	SP-0033-2015	20150311				20350311
678	BAYER CROPSCIENCE AKTIENGESELLSCHAF	APA14-6008	HPPD VARIANTS AND METHODS OF USE	PY	11168/2015	20150311				20350311
679	BAYER CROPSCIENCE AKTIENGESELLSCHAF	APA14-6008	HPPD VARIANTS AND METHODS OF USE	UY	36.026	20150311	193			20350311
680	Bayer CropScience LP	APA14-6008	HPPD VARIANTS AND METHODS OF USE	BR	112016020886897	20150310				20350310
681	Bayer CropScience LP	APA14-6008	HPPD VARIANTS AND METHODS OF USE	CA	2942171	20150310				20350310
682	Bayer CropScience LP	APA14-6008	HPPD VARIANTS AND METHODS OF USE	CN	201580019204.2	20150310	CN106459986A			20350310
683	Bayer CropScience LP	APA14-6008	HPPD VARIANTS AND METHODS OF USE	EP	15729981.1	20150310	3117003			20350310
684	Bayer CropScience LP	APA14-6008	HPPD VARIANTS AND METHODS OF USE	IN	201637030432	20150310				20350310
685	Bayer CropScience LP	APA14-6008	HPPD VARIANTS AND METHODS OF USE	MX	MX/a/2016/011745	20150310				20350310
686	Bayer CropScience LP	APA14-6008	HPPD VARIANTS AND METHODS OF USE	US	15/122532	20150310	US-2017-0166918-A1			20350310
687	Bayer CropScience LP	APA14-6008	HPPD VARIANTS AND METHODS OF USE	ZA	2016/06243	20150310				20350310
688	Bayer CropScience LP, Cornell University	APA15-6005	TAL EFFECTOR-MEDIATED HERBICIDE TOLERANCE	AR	20170101025	20170421				20370421
689	Bayer CropScience LP, Cornell University	APA15-6005	TAL EFFECTOR-MEDIATED HERBICIDE TOLERANCE	BO	SP00086-2017	20170421				20370421
690	Bayer CropScience LP, Cornell University	APA15-6005	TAL EFFECTOR-MEDIATED HERBICIDE TOLERANCE	PY	1723802	20170421				20370421
691	Bayer CropScience LP, Cornell University	APA15-6005	TAL EFFECTOR-MEDIATED HERBICIDE TOLERANCE	UY	37.208	20170421				20370421
692	Bayer CropScience LP, Cornell University	APA15-6005	TAL EFFECTOR-MEDIATED HERBICIDE TOLERANCE	WO	PCT/US2017/28357	20170419				20370419
693	Bayer CropScience AG , Bayer CropScience LP	APA15-6006	Axmi554 Delta-endotoxin Gene and Methods for Its Use	AR	20161103152	20161014				20361014
694	Bayer CropScience AG , Bayer CropScience LP	APA15-6006	Axmi554 Delta-endotoxin Gene and Methods for Its Use	AU	2016338418	20161013				20361013
695	Bayer CropScience AG , Bayer CropScience LP	APA15-6006	Axmi554 Delta-endotoxin Gene and Methods for Its Use	BD	253/2016	20161013				20361013
696	Bayer CropScience AG , Bayer CropScience LP	APA15-6006	Axmi554 Delta-endotoxin Gene and Methods for Its Use	BO	SP00238-2016	20161014	12134			20361014
697	Bayer CropScience AG , Bayer CropScience LP	APA15-6006	Axmi554 Delta-endotoxin Gene and Methods for Its Use	BR	BR112016007638-4	20161013				20361013
698	Bayer CropScience AG , Bayer CropScience LP	APA15-6006	Axmi554 Delta-endotoxin Gene and Methods for Its Use	CA	3001123	20161013				20361013
699	Bayer CropScience AG , Bayer CropScience LP	APA15-6006	Axmi554 Delta-endotoxin Gene and Methods for Its Use	CN	201680059690.5	20161013				20361013
700	Bayer CropScience AG , Bayer CropScience LP	APA15-6006	Axmi554 Delta-endotoxin Gene and Methods for Its Use	EP	16785886.5	20161013				20361013
701	Bayer CropScience AG , Bayer CropScience LP	APA15-6006	Axmi554 Delta-endotoxin Gene and Methods for Its Use	IN	201817011068	20161013				20361013
702	Bayer CropScience AG , Bayer CropScience LP	APA15-6006	Axmi554 Delta-endotoxin Gene and Methods for Its Use	JP	PCT/US16/56898	20161013				20361013
703	Bayer CropScience AG , Bayer CropScience LP	APA15-6006	Axmi554 Delta-endotoxin Gene and Methods for Its Use	MX	MX/a/2018/004588	20161013				20361013
704	Bayer CropScience AG , Bayer CropScience LP	APA15-6006	Axmi554 Delta-endotoxin Gene and Methods for Its Use	PK	627/2018	20161013				20361013
705	Bayer CropScience AG , Bayer CropScience LP	APA15-6006	Axmi554 Delta-endotoxin Gene and Methods for Its Use	PY	68995/2016	20161014				20361014
706	Bayer CropScience AG , Bayer CropScience LP	APA15-6006	Axmi554 Delta-endotoxin Gene and Methods for Its Use	RU	2018117300	20161013				20361013
707	Bayer CropScience AG , Bayer CropScience LP	APA15-6006	Axmi554 Delta-endotoxin Gene and Methods for Its Use	UA	a201805154	20161013				20361013
708	Bayer CropScience AG , Bayer CropScience LP	APA15-6006	Axmi554 Delta-endotoxin Gene and Methods for Its Use	US	15/768237	20161013				20361013
709	Bayer CropScience AG , Bayer CropScience LP	APA15-6006	Axmi554 Delta-endotoxin Gene and Methods for Its Use	UY	a/36951	20161014				20361014
710	Bayer CropScience AG , Bayer CropScience LP	APA15-6006	Axmi554 Delta-endotoxin Gene and Methods for Its Use	WO	PCT/US16/56898	20161013				20361013
711	Bayer CropScience AG , Bayer CropScience LP	APA15-6006	Axmi554 Delta-endotoxin Gene and Methods for Its Use	ZA	2018/03096	20161013				20361013
712	Bayer CropScience LP	APA16-6008	Axmi669 Toxin Gene and Methods for Its Use	AR	20170103241	20171122				20371122
713	Bayer CropScience LP	APA16-6008	Axmi669 Toxin Gene and Methods for Its Use	PY	1789271	20171122				20371122
714	Bayer CropScience LP	APA16-6008	Axmi669 Toxin Gene and Methods for Its Use	WO	PCT/US17/62923	20171122				20371122
715	Bayer CropScience LP	APA16-6013	Improvement of herbicide tolerance to HPPD inhibitors by down-regulation of putative hydroxyphenylpyruvate reductases in soybean	US	62/576564	20171024				20181024
716	Bayer CropScience LP	APA16-6014	Improvement of herbicide tolerance to HPPD inhibitors by down-regulation of native HPPD in crops	US	62/576569	20171024				20181024
717	Bayer CropScience LP	APA16-6020	Use of Axmi091 for the control of nematodes	WO	PCT/US17/60070	20171222				20371222
718	Bayer CropScience LP	APA17-6001	BP005 TOXIN GENE AND METHODS FOR ITS USE	AR	20160100121	20180118				20380118
719	Bayer CropScience LP	APA17-6001	BP005 TOXIN GENE AND METHODS FOR ITS USE	PY	1802492	20180118				20380118
720	Bayer CropScience LP	APA17-6001	BP005 TOXIN GENE AND METHODS FOR ITS USE	UY	37571	20180118				20380118
721	Bayer CropScience LP	APA17-6001	BP005 TOXIN GENE AND METHODS FOR ITS USE	WO	PCT/US18/14162	20180118				20380118
722	Bayer CropScience LP	APA17-6002	Use of BP005 for the control of plant pathogens	AR	20180100120	20180118				20380118
723	Bayer CropScience LP	APA17-6002	Use of BP005 for the control of plant pathogens	PY	1802490	20180118				20380118
724	Bayer CropScience LP	APA17-6002	Use of BP005 for the control of plant pathogens	UY	37570	20180118				20380118

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725	Bayer CropScience LP	APA17-6002	Use of BP005 for the control of plant pathogens	WO	PCT/US18/14196	20180118					20380118
726	BAYER CROPSCIENCE AKTIENGESELLSCHAF	APA17-6007	HPPD Variants and Methods for Their Use	AR	20180100527	20180307					20380307
727	BAYER CROPSCIENCE AKTIENGESELLSCHAF	APA17-6007	HPPD Variants and Methods for Their Use	BO	SP49-2018	20180307					20380307
728	BAYER CROPSCIENCE AKTIENGESELLSCHAF	APA17-6007	HPPD Variants and Methods for Their Use	PY	1815419	20180307					20380307
729	BAYER CROPSCIENCE AKTIENGESELLSCHAF	APA17-6007	HPPD Variants and Methods for Their Use	UY	37628	20180307					20380307
730	BAYER CROPSCIENCE AKTIENGESELLSCHAF	APA17-6007	HPPD Variants and Methods for Their Use	WO	PCT/US18/21043	20180306					20380306
1346	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	AR	P120103077	20120822					20320822
1347	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	AR	P160102092	20160711	105304				20320822
1348	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	AU	2012299691	20120814		2012299691	20150514		20320814
1349	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	AU	2013204310	20130412		2013204310	20151203		20320814
1350	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	BO	114/2014	20140420		1005513	20150216		20270822
1351	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	BO	221/2012	20120812		1005512	20150222		20270822
1352	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	BR	1120140039184	20120814					20320814
1353	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	BR	1120140041403	20140221					20320814
1354	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	CN	201280049574.7	20120814	105890161				20320814
1355	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	CN	201410204701.7	20120814	103981149				20320814
1356	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	CN	201710818005.0	20120814	107287234				20320814
1357	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	EP	12745981.8	20120814	2748323				20320814
1358	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	IN	201401151	20120814	1151/DELNP/2014				20320814
1359	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	MX	MX/a/2014/002119	20120814	2013/026740	345439	20170317		20320814
1360	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	MX	MX/a/2014/014028	20141118		348803	20170308		20320814
1361	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	PK	536/2012	20120813					20320813
1362	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	PK	68/2015	20150211					20320813
1363	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	US	14/201577	20140307	20140196169	9670496	20170606		20330828
1364	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	US	14/240500	20120814	20150167009				20320814
1365	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	ZA	2014/00879	20120814		2014/00879	20150826		20320814
1366	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	ZA	2014/07980	20141031		2014/07980	20160831		20320814
1456	BAYER CROPSCIENCE LP, BAYER CROPSCIE	BCS13-2010	ALS W574L on A and on C genome	CA	2917762	20140710	2917762				20340710
1457	BAYER CROPSCIENCE LP, BAYER CROPSCIE	BCS13-2010	ALS W574L on A and on C genome	EP	14736862.5	20140710	3019617				20340710
1458	BAYER CROPSCIENCE LP, BAYER CROPSCIE	BCS13-2010	ALS W574L on A and on C genome	US	14/903745	20140710	US-2016-0150732				20340710
1459	BAYER CROPSCIENCE LP, BAYER CROPSCIE	BCS13-2013	ALS P197S AND W574L ON ALL ALS GENES	CA	2921775	20140820	2921775				20340820
1460	BAYER CROPSCIENCE LP, BAYER CROPSCIE	BCS13-2013	ALS P197S AND W574L ON ALL ALS GENES	EP	14753252.7	20140820	3036331				20340820
1461	BAYER CROPSCIENCE LP, BAYER CROPSCIE	BCS13-2013	ALS P197S AND W574L ON ALL ALS GENES	US	14/913020	20140820	US-20160208277				20340820
1471	BAYER CROPSCIENCE LP, BAYER CROPSCIE	BCS13-2025	ALS D376E	CA	2932044	20141201	2932044				20341201
1472	BAYER CROPSCIENCE LP, BAYER CROPSCIE	BCS13-2025	ALS D376E	EP	14827176.6	20141201	3076783				20341201
1473	BAYER CROPSCIENCE LP, BAYER CROPSCIE	BCS13-2025	ALS D376E	US	15/100810	20141201	US 20160298129A1				20341201
1474	Bayer CropScience Aktiengesellschaft, Bayer Cro	BCS141010	HPPD Mutanten und deren Verwendung	UA	a201610140	20150309					20350309
1475	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS141010	HPPD Mutanten und deren Verwendung	AR	20150100719	20150310					20350310
1476	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS141010	HPPD Mutanten und deren Verwendung	AU	2015228963	20150309					20350309
1477	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS141010	HPPD Mutanten und deren Verwendung	BR	BR1120160207092	20150309					20350309
1478	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS141010	HPPD Mutanten und deren Verwendung	CA	2941905	20150309					20350309
1479	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS141010	HPPD Mutanten und deren Verwendung	CN	201580024788.2	20150309	107075466				20350309
1480	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS141010	HPPD Mutanten und deren Verwendung	EA	201691511	20150309					20350309
1481	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS141010	HPPD Mutanten und deren Verwendung	EP	15709883.1	20150309	3116902				20350309
1482	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS141010	HPPD Mutanten und deren Verwendung	IN	201617027455	20150309					20350309
1483	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS141010	HPPD Mutanten und deren Verwendung	JP	2016-556264	20150309	2017-514457				20350309
1484	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS141010	HPPD Mutanten und deren Verwendung	MX	MX/a/2016/011752	20150309					20350309
1485	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS141010	HPPD Mutanten und deren Verwendung	US	15/124801	20150309	US2017-0016018A1				20350309
1486	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS141010	HPPD Mutanten und deren Verwendung	WO	PCT/EP2015/054658	20150309	2015/135801				20350309
1487	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS141010	HPPD Mutanten und deren Verwendung	ZA	2016/05639	20150309					20350309
1488	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS151036	HPPD Mutanten und deren Verwendung zur Erzeugung HPPD-Inhibitor toleranter Pflanzen	AR	20150102769	20150908					20360909
1489	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS151036	HPPD Mutanten und deren Verwendung zur Erzeugung HPPD-Inhibitor toleranter Pflanzen	AU	2015318083	20150908					20360908
1490	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS151036	HPPD Mutanten und deren Verwendung zur Erzeugung HPPD-Inhibitor toleranter Pflanzen	BO	SP-206-2015	20150908	11948				20360909
1491	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS151036	HPPD Mutanten und deren Verwendung zur Erzeugung HPPD-Inhibitor toleranter Pflanzen	BR	BR1120150047791	20150908					20360908
1508	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS151036	HPPD Mutanten und deren Verwendung zur Erzeugung HPPD-Inhibitor toleranter Pflanzen	CA	2958036	20150908					20360908
1509	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS151036	HPPD Mutanten und deren Verwendung zur Erzeugung HPPD-Inhibitor toleranter Pflanzen	CN	PCT/EP2015/071159	20150908					20360908
1510	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS151036	HPPD Mutanten und deren Verwendung zur Erzeugung HPPD-Inhibitor toleranter Pflanzen	EA	201890890	20150908					20360908
1511	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS151036	HPPD Mutanten und deren Verwendung zur Erzeugung HPPD-Inhibitor toleranter Pflanzen	EP	15765759.3	20150908					20360908
1512	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS151036	HPPD Mutanten und deren Verwendung zur Erzeugung HPPD-Inhibitor toleranter Pflanzen	IN	201817013059	20150908					20360908
1513	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS151036	HPPD Mutanten und deren Verwendung zur Erzeugung HPPD-Inhibitor toleranter Pflanzen	JP	2016-512936	20150908					20360908

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1514	BAYER CROPSCIENCE AKTIENGESELLSCHAFBCS151036	HPPD Mutanten und deren Verwendung zur Erzeugung HPPD-inhibitor toleranter Pflanzen	KR	10-2015-7009716	20160908							20360908
1515	BAYER CROPSCIENCE AKTIENGESELLSCHAFBCS151036	HPPD Mutanten und deren Verwendung zur Erzeugung HPPD-inhibitor toleranter Pflanzen	MX	MX/A/2015/009044	20160908							20360908
1516	BAYER CROPSCIENCE AKTIENGESELLSCHAFBCS151036	HPPD Mutanten und deren Verwendung zur Erzeugung HPPD-inhibitor toleranter Pflanzen	PY	5167/2015	20160909							20360909
1517	BAYER CROPSCIENCE AKTIENGESELLSCHAFBCS151036	HPPD Mutanten und deren Verwendung zur Erzeugung HPPD-inhibitor toleranter Pflanzen	UA	a201508575	20160908							20360908
1518	BAYER CROPSCIENCE AKTIENGESELLSCHAFBCS151036	HPPD Mutanten und deren Verwendung zur Erzeugung HPPD-inhibitor toleranter Pflanzen	US	15/794423	20160908							20360908
1519	BAYER CROPSCIENCE AKTIENGESELLSCHAFBCS151036	HPPD Mutanten und deren Verwendung zur Erzeugung HPPD-inhibitor toleranter Pflanzen	QY	36.808	20160909							20360909
1520	BAYER CROPSCIENCE AKTIENGESELLSCHAFBCS151036	HPPD Mutanten und deren Verwendung zur Erzeugung HPPD-inhibitor toleranter Pflanzen	WO	PCT/EP2016/071359	20160908	2017/042259						20360908
1521	BAYER CROPSCIENCE AKTIENGESELLSCHAFBCS151036	HPPD Mutanten und deren Verwendung zur Erzeugung HPPD-inhibitor toleranter Pflanzen	ZA	2018/02339	20160908							20360908
1582	BAYER CROPSCIENCE AKTIENGESELLSCHAFBCS171005	HPPD VARIANTS AND METHODS OF USE	AR	20161100528	20180307							20380307
1583	BAYER CROPSCIENCE AKTIENGESELLSCHAFBCS171005	HPPD VARIANTS AND METHODS OF USE	BO	SP16/2016	20180307							20380307
1584	BAYER CROPSCIENCE AKTIENGESELLSCHAFBCS171005	HPPD VARIANTS AND METHODS OF USE	PY	1615442	20180307							20380307
1585	BAYER CROPSCIENCE AKTIENGESELLSCHAFBCS171005	HPPD VARIANTS AND METHODS OF USE	UY	37027	20180307							20380307
1586	BAYER CROPSCIENCE AKTIENGESELLSCHAFBCS171005	HPPD VARIANTS AND METHODS OF USE	WO	PCT/EP2016/055101	20180301							20380301
1587	BAYER CROPSCIENCE AG, Bayer CropScience	BCS171006	HPPD VARIANTS AND METHODS OF USE	AR	20180100525	20180307						20380307
1588	BAYER CROPSCIENCE AG, Bayer CropScience	BCS171006	HPPD VARIANTS AND METHODS OF USE	BO	SP47/2018	20180307						20380307
1589	BAYER CROPSCIENCE AG, Bayer CropScience	BCS171006	HPPD VARIANTS AND METHODS OF USE	PY	1618431	20180307						20380307
1590	BAYER CROPSCIENCE AG, Bayer CropScience	BCS171006	HPPD VARIANTS AND METHODS OF USE	UY	37626	20180307						20380307
1591	BAYER CROPSCIENCE AG, Bayer CropScience	BCS171006	HPPD VARIANTS AND METHODS OF USE	WO	PCT/EP2018/055102	20180301						20380301
1592	BAYER CROPSCIENCE LP (BCS LP),	BCS174006	Fungal rust-inducible promoter	EP	17172866.6	20170524						20210524
1593	BAYER CROPSCIENCE LP (BCS LP), CNRS CE	BCS174006	Fungal rust-inducible promoter	AR	20180101241	20180511						20380511
1594	BAYER CROPSCIENCE LP (BCS LP), CNRS CE	BCS174006	Fungal rust-inducible promoter	BO	SP114-2018	20180511						20380511
1595	BAYER CROPSCIENCE LP (BCS LP), CNRS CE	BCS174006	Fungal rust-inducible promoter	PY	1839445	20180511						20380511
1596	BAYER CROPSCIENCE LP (BCS LP), CNRS CE	BCS174006	Fungal rust-inducible promoter	UY	37713	20180511						20380511
1597	BAYER CROPSCIENCE LP (BCS LP), CNRS CE	BCS174006	Fungal rust-inducible promoter	WO	PCT/US18/32200	20180511						20380511
1950	Bayer CropScience LP	APA18-6006	Herbicide Tolerant Plants Expressing a Cyanobacterial Prolycopene Biosynthetic Pathway	US	62/691928	20180629						20190629
1971	ATHENIX CORPORATION	APA13-6001	USE OF AXMI184 FOR THE CONTROL OF ROOTWORM INSECTS	ES	14707888.5	20140212			3956547	20180502	20340212	
1973	ATHENIX CORPORATION	APA13-6001	USE OF AXMI184 FOR THE CONTROL OF ROOTWORM INSECTS	PR	14707888.5	20140212			3956547	20180502	20340212	
1975	ATHENIX CORPORATION	APA13-6001	USE OF AXMI184 FOR THE CONTROL OF ROOTWORM INSECTS	HU	14707888.5	20140212			2956547	20180502	20340212	
1979	ATHENIX CORPORATION	APA 968	Compositions And Methods For Expression Of A Heterologous Nucleotide Sequence In Plants	JP	16782296.3	20060928			6320149/2278867	20140409	20260928	
1980	ATHENIX CORPORATION	APA13-6001	USE OF AXMI184 FOR THE CONTROL OF ROOTWORM INSECTS	IT	14707888.5	20140212			2956547	20180502	20340212	
1983	ATHENIX CORPORATION	APA13-6001	USE OF AXMI184 FOR THE CONTROL OF ROOTWORM INSECTS	RO	14707888.5	20140212			2956547	20180502	20340212	
1997	ATHENIX CORPORATION	APA 957	Toxic Gene Knockdown For Plant Use	CA	3001907	20180704						20380625
1998	ATHENIX CORPORATION	APA17-6010	Inter-Intra plasid designed for high-throughput screening of plasmid-and host	US	62/600,880	20171127						20371127

Table 1

Transferred Patents --Carme

1	Bayer CropScience LP	APA12-6003	Soybean Cultivar 5010135	US	11/053,875	20050225		7,041,882	20060509	20250225
2	Bayer CropScience LP	APA12-6004	Soybean Cultivar 4211676	US	11/681,568	20061017	US20080092253	7,150,341	20061125	20270104
3	Bayer CropScience LP	APA12-6005	SOYBEAN CULTIVAR 3955412	US	12/692,911	20100125	US20110185446	8,319,029	20121127	20300603
4	Bayer CropScience LP	APA12-6006	SOYBEAN CULTIVAR 3317361	US	12/697,064	20100129	US20110191879	8,319,030	20121127	20300603
5	Bayer CropScience LP	APA13-6023	SOYBEAN VARIETY DLL 1290	US	13/833,272	20130315	20130212730A1	9,175,306	20151103	20330315
6	Bayer CropScience LP	APA13-6025	SOYBEAN VARIETY DLL1291	US	13/832,303	20130315		9228198	20160105	20330508
7	Bayer CropScience LP	APA13-6026	SOYBEAN VARIETY DLL1348	US	13/837,316	20130315		9,006,532	20150414	20330315
8	Bayer CropScience LP	APA13-6029	SOYBEAN VARIETY DLL1289	US	13/832,351	20130315		9228199	20160105	20330315
9	Bayer CropScience LP	APA13-6030	SOYBEAN VARIETY DLL1273	US	13/832,366	20130315		9,181,562	20151110	20330315
10	Bayer CropScience LP	APA13-6031	SOYBEAN VARIETY DLL0838	US	13/832,375	20130315	20130212733A1	9,187,763	20151117	20330315
11	Bayer CropScience LP	APA13-6033	SOYBEAN VARIETY DLL1344	US	13/832,408	20130315		9228200	20160105	20330315
12	Bayer CropScience LP	APA13-6034	SOYBEAN VARIETY DLL1182	US	13/832,275	20130315		9,157,094	20151013	20330315
13	Bayer CropScience LP	APA13-6035	SOYBEAN VARIETY DLL1069	US	13/832,296	20130315		9,006,531	20150414	20330315
14	Bayer CropScience LP	APA13-6037	SOYBEAN VARIETY DLL1206	US	13/832,314	20130315		9,481,891	20161101	20330315
15	Bayer CropScience LP	APA13-6038	SOYBEAN VARIETY DLL1335	US	13/832,329	20130315	2013-0196889	9388424	20160712	20330315
16	Bayer CropScience LP	APA13-6039	SOYBEAN VARIETY DLL0846	US	13/832,324	20130315		9,012,732	20150421	20330315
17	Bayer CropScience LP	APA13-6040	SOYBEAN VARIETY DLL1347	US	13/832,332	20130315		9,012,733	20150421	20330315
18	Bayer CropScience LP	APA13-6041	SOYBEAN VARIETY DLL1172	US	13/832,336	20130315		8,975,482	20150310	20330315
19	Bayer CropScience LP	APA13-6042	SOYBEAN VARIETY DLL1141	US	13/832,347	20130315	20130212731A1	9,006,533	20150414	20330315
20	Bayer CropScience LP	APA13-6043	SOYBEAN VARIETY DLL1143	US	13/832,353	20130315	20130212732A1	8,975,483	20150310	20330315
21	Bayer CropScience LP	APA13-6044	SOYBEAN VARIETY DLL0750	US	13/832,365	20130315		9,012,734	20150421	20330315
22	Bayer CropScience LP	APA14-6011	SOYBEAN VARIETY ELL041	US	14/576489	20141219		9516830	20161213	20341219
23	Bayer CropScience LP	APA14-6012	SOYBEAN VARIETY GLL050	US	14/576494	20141219		9,516,831	20161213	20341219
24	Bayer CropScience LP	APA14-6013	SOYBEAN VARIETY GLL059	US	14/576501	20141219		9538717	20170110	20341219

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25	Bayer CropScience LP	APA14-6017	SOYBEAN VARIETY ELL0054	US	14/576520	20141219		9699984	20170711	20350821
26	Bayer CropScience LP	APA14-6018	SOYBEAN VARIETY DLL1149	US	14/576524	20141219		9,516,832	20161213	20341219
27	Bayer CropScience LP	APA14-6019	Soybean Variety ELL0008	US	14/576528	20141219		9516833	20161213	20341219
28	Bayer CropScience LP	APA14-6020	Soybean Variety ELL0909	US	14/576529	20141219		9,516,834	20161213	20341219
29	Bayer CropScience LP	APA14-6021	Soybean Variety ELL0082	US	14/576531	20141219		9,516,835	20161213	20341219
30	Bayer CropScience LP	APA14-6024	Soybean Variety DR20281	US	14/576542	20141219		9408361	20160809	20341219
31	Bayer CropScience LP	APA14-6025	Soybean Variety ER22295	US	14/576547	20141219		9392763	20160719	20341219
32	Bayer CropScience LP	APA14-6026	Soybean Variety ER22521	US	14/576552	20141219		9408362	20160809	20341219
33	Bayer CropScience LP	APA16-6005	SOYBEAN VARIETY CZ 4690 RY	US	15/143673	20160430				20360430
34	Bayer CropScience LP	APA16-6006	SOYBEAN VARIETY CZ 5375 RY	US	15/143674	20160430				20360430
35	Bayer CropScience LP, BAYER CROPSCIENCE N.V.	APA16-6015	ELITE EVENT EE-GM4	AR	20170103671	20171222				20371222
36	Bayer CropScience LP, BAYER CROPSCIENCE N.V.	APA16-6015	ELITE EVENT EE-GM4	BO	286-2017	20171222				20371222
37	Bayer CropScience LP, BAYER CROPSCIENCE N.V.	APA16-6015	ELITE EVENT EE-GM4	PY	1797653	20171222				20371222
38	Bayer CropScience LP, BAYER CROPSCIENCE N.V.	APA16-6015	ELITE EVENT EE-GM4	UY	37548	20171222				20371222
39	Bayer CropScience LP, BAYER CROPSCIENCE N.V.	APA16-6015	ELITE EVENT EE-GM4	WO	PCT/US17/66116	20171222				20371222
40	Bayer CropScience LP, BAYER CROPSCIENCE N.V.	APA16-6016	Elite event EE-GM5	AR	20170103672	20171222				20371222
41	Bayer CropScience LP, BAYER CROPSCIENCE N.V.	APA16-6016	Elite event EE-GM5	BO	285-2017	20171222				20371222
42	Bayer CropScience LP, BAYER CROPSCIENCE N.V.	APA16-6016	Elite event EE-GM5	PY	1797645	20171222				20371222
43	Bayer CropScience LP, BAYER CROPSCIENCE N.V.	APA16-6016	Elite event EE-GM5	UY	37549	20171222				20371222
44	Bayer CropScience LP, BAYER CROPSCIENCE N.V.	APA16-6016	Elite event EE-GM5	WO	PCT/US17/66121	20171222				20371222
156	Bayer CropScience LP	BCS176004	Soybean Variety GLL0402	US	15/690309	20170830				20370830
157	Bayer CropScience LP	BCS176005	Soybean Variety GLL0868	US	15/690311	20170830				20370830
158	Bayer CropScience LP	BCS176006	Soybean Variety GLL0116	US	15/690317	20170830				20370830
159	Bayer CropScience LP	BCS176007	Soybean Variety GLL0624	US	15/690330	20170830				20370830
160	Bayer CropScience LP	BCS176008	Soybean Variety GLL0426	US	15/690335	20170830				20370830
161	Bayer CropScience LP	BCS176009	Soybean Variety HLL0626	US	15/690350	20170830				20370830

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152	Bayer CropScience LP	BCS176010	SOYBEAN VARIETY HLL0771	US	15/690321	20170830					20370830
153	Bayer CropScience LP	BCS176011	SOYBEAN VARIETY HLL0145	US	15/690492	20170830					20370830
154	Bayer CropScience LP, BAYER CROPSCIENCE NV	BCS182013	PLANTS CONTAINING ELITE EVENT BE-GM4 AND METHODS AND KITS FOR IDENTIFYING SUCH EVENT IN BIOLOGICAL SAMPLES, AND TREATMENT THEREOF	US	62/676434	20180525					20190525
155	Bayer CropScience LP, BAYER CROPSCIENCE NV	BCS182014	PLANTS CONTAINING ELITE EVENT BE-GM5 AND METHODS AND KITS FOR IDENTIFYING SUCH EVENT IN BIOLOGICAL SAMPLES, AND TREATMENT THEREOF	US	62/676445	20180525					20190525
156	Bayer CropScience LP, BAYER CROPSCIENCE NV	BCS182013	PLANTS CONTAINING ELITE EVENT BE-GM4 AND METHODS AND KITS FOR IDENTIFYING SUCH EVENT IN BIOLOGICAL SAMPLES, AND TREATMENT THEREOF	US	62/686662	20180618					20190618
157	Bayer CropScience LP, BAYER CROPSCIENCE NV	BCS182014	PLANTS CONTAINING ELITE EVENT BE-GM5 AND METHODS AND KITS FOR IDENTIFYING SUCH EVENT IN BIOLOGICAL SAMPLES, AND TREATMENT THEREOF	US	62/685524	20180615					20190615
158	Bayer CropScience LP, BAYER CROPSCIENCE NV	BCS182014	PLANTS CONTAINING ELITE EVENT BE-GM5 AND METHODS AND KITS FOR IDENTIFYING SUCH EVENT IN BIOLOGICAL SAMPLES, AND TREATMENT THEREOF	US	62/686656	20180618					20190618

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THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

July 15, 2019

THIS IS TO CERTIFY THAT ANNEXED IS A TRUE COPY FROM THE RECORDS OF THIS OFFICE OF A DOCUMENT RECORDED ON MAY 9, 2019.

By Authority of the
Under Secretary of Commerce for Intellectual Property
and Director of the United States Patent and Trademark Office

UNITED STATES PATENT AND TRADEMARK OFFICE
DEPARTMENT OF COMMERCE

W. Montgomery
W. MONTGOMERY
Certifying Officer

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5514188

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
SEQUENCE:	1

CONVEYING PARTY DATA

Name	Execution Date
BAYER CROPSCIENCE NV	08/01/2018
BAYER CROPSCIENCE SA-NV	08/01/2018

RECEIVING PARTY DATA

Name:	BASF AGRICULTURAL SOLUTIONS SEED, US LLC
Street Address:	2 T.W. ALEXANDER DRIVE
City:	RTP
State/Country:	NORTH CAROLINA
Postal Code:	27709

PROPERTY NUMBERS Total: 92

Property Type	Number
Patent Number:	7718850
Patent Number:	7598365
Patent Number:	8653326
Patent Number:	8148607
Patent Number:	8008544
Patent Number:	8507755
Patent Number:	9404119
Application Number:	15394485
Patent Number:	8367890
Patent Number:	9057073
Patent Number:	8765448
Patent Number:	9475849
Application Number:	15264276
Patent Number:	8835622
Application Number:	15895573
Patent Number:	9279130
Patent Number:	9593317
Patent Number:	9574201

Property Type	Number
Application Number:	15382794
Application Number:	13878873
Patent Number:	9243260
Application Number:	15599866
Application Number:	14110212
Application Number:	14122283
Patent Number:	9670496
Application Number:	14240500
Patent Number:	9163252
Application Number:	14382101
Application Number:	14394277
Patent Number:	9968041
Application Number:	15971053
Application Number:	14437394
Application Number:	14782271
Patent Number:	9873882
Application Number:	14903745
Application Number:	14913020
Application Number:	15031613
Application Number:	15100810
Application Number:	15122485
Application Number:	15518777
Application Number:	15570153
Application Number:	15750695
Application Number:	15768273
Patent Number:	7652194
Patent Number:	7667091
Patent Number:	7632981
Patent Number:	7642404
Patent Number:	8193410
Patent Number:	8604281
Patent Number:	9228192
Application Number:	14950841
Patent Number:	9856484
Patent Number:	7205454
Patent Number:	7554005
Patent Number:	6706860
Patent Number:	7091399

Property Type	Number
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Patent Number:	7745700
Patent Number:	7049491
Patent Number:	7244880
Patent Number:	7265269
Patent Number:	8173872
Application Number:	15048656
Patent Number:	7169971
Patent Number:	7361808
Patent Number:	7964773
Patent Number:	8299324
Patent Number:	8198513
Patent Number:	7241936
Patent Number:	8058510
Patent Number:	7790960
Application Number:	62612111
PCT Number:	US2017068116
PCT Number:	US2017068121
Patent Number:	8012689
Patent Number:	9322069
Patent Number:	8017756
Patent Number:	8952142
Patent Number:	8592650
Patent Number:	9631202
Patent Number:	8642748
Application Number:	15403926
Patent Number:	9062324
Patent Number:	9683242
Application Number:	62676434
Application Number:	62676445
Application Number:	62686662
Application Number:	62685524
Application Number:	62686666
Patent Number:	6395485
Patent Number:	6951929

CORRESPONDENCE DATA

Fax Number:	(919)547-2427

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Phone:	919-547-2575
Email:	felicia.young@basf.com
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ATTORNEY DOCKET NUMBER:	13 SA-NV/NV TO BASS
NAME OF SUBMITTER:	FELICIA R. YOUNG
SIGNATURE:	/felicia r. young/
DATE SIGNED:	05/09/2019

Total Attachments: 25

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SCHEDULE 9

FORM OF PATENT ASSIGNMENT AGREEMENT

This **PATENT ASSIGNMENT AGREEMENT** (the "Agreement"), dated as of 1st of August, 2018 (the "Effective Date"), is made by and between Bayer CropScience SA-NV; Bayer CropScience NV (collectively "Assignor") and BASF Agricultural Solutions Seed US LLC ("Assignee").

WHEREAS, on the terms and subject to the conditions set forth herein, Assignor desires to sell, assign and transfer, and Assignee desires to accept the sale, assignment and transfer of, the patents and patent applications set forth in Schedule A (the "Transferred Patents").

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties agree as follows:

1. Assignment of Transferred Patents. Assignor hereby sells, assigns and transfers to Assignee, and Assignee hereby accepts the sale, assignment and transfer from Assignor of, all of Assignor's (a) right, title and interest in and to the Transferred Patents set forth in Schedule A, and (b) right to sue for past, present or future infringement of such Transferred Patents and to retain any damages and profits due or accrued for any such past, present or future infringement of such Transferred Patents.

2. Authorization. Assignor hereby requests and authorizes Assignee and any attorney thereof, to insert the serial number or any other identifying information pertaining to the Transferred Patents onto this Agreement deemed necessary for its recordation.

3. Governing Law. THIS AGREEMENT SHALL BE GOVERNED BY AND CONSTRUED IN ACCORDANCE WITH THE LAWS OF THE STATE OF NEW YORK WITHOUT REGARD TO PRINCIPLES OF CONFLICTS OF LAW.

4. Counterparts. This Agreement may be executed in one or more counterparts, each of which shall be deemed an original, and all of which shall constitute one and the same instrument.

IN WITNESS WHEREOF, the Parties hereto have caused this Patent Assignment Agreement to be executed as of the date first written above.

Bayer CropScience NV

By: _____ pp. PoA

Name: Dr. Thomas Reuter
Title: Senior Counsel

Bayer CropScience SA-NV

By: _____ pp. PoA

Name: Dr. Thomas Reuter
Title: Senior Counsel

BASF Agricultural Solutions Seed US LLC

By: _____

Name: CHRISTINE ARNHOFF
Title: ATTORNEY IN FACT

SCHEDULE A

TRANSFERRED PATENTS

PATENT
REEL: 049124 FRAME: 0900

Table 1

Transferred Patents - Elara

749	BAYER CROPSCIENCE NV, THE REGENTS OF	BCS93-2003	DELAYED SEED SHATTERING IN BRASSICACEAE	AU	2004249889	20040623	Date of WO	2004249889	20110004	20240623
750	BAYER CROPSCIENCE NV, THE REGENTS OF	BCS93-2003	DELAYED SEED SHATTERING IN BRASSICACEAE	AU	2011202335	20110519		2011202335	20120726	20240623
751	BAYER CROPSCIENCE NV, THE REGENTS OF	BCS93-2003	DELAYED SEED SHATTERING IN BRASSICACEAE	CA	2530049	20040623		2530049	20150224	20240623
752	BAYER CROPSCIENCE NV, THE REGENTS OF	BCS93-2003	DELAYED SEED SHATTERING IN BRASSICACEAE	CN	200480017657.3	20040623	1809640	200480017657.3	20100127	20240623
753	BAYER CROPSCIENCE NV, THE REGENTS OF	BCS93-2003	DELAYED SEED SHATTERING IN BRASSICACEAE	DE	04740299.5	20040623	1639113	602004036282.4	20120125	20240623
754	BAYER CROPSCIENCE NV, THE REGENTS OF	BCS93-2003	DELAYED SEED SHATTERING IN BRASSICACEAE	DE	602004045537.7	20100927	2333080	2333080	20140723	20240623
755	BAYER CROPSCIENCE NV, THE REGENTS OF	BCS93-2003	DELAYED SEED SHATTERING IN BRASSICACEAE	FR	04740299.5	20040623	1639113	1639113	20120125	20240623
756	BAYER CROPSCIENCE NV, THE REGENTS OF	BCS93-2003	DELAYED SEED SHATTERING IN BRASSICACEAE	FR	10075503.2	20100927	2333080	EP2333080	20140723	20240623
757	BAYER CROPSCIENCE NV, THE REGENTS OF	BCS93-2003	DELAYED SEED SHATTERING IN BRASSICACEAE	GB	04740299.5	20040623	1639113	1639113	20120125	20240623
758	BAYER CROPSCIENCE NV, THE REGENTS OF	BCS93-2003	DELAYED SEED SHATTERING IN BRASSICACEAE	GB	10075503.2	20100927	2333080	EP2333080	20140723	20240623
759	BAYER CROPSCIENCE NV, THE REGENTS OF	BCS93-2003	DELAYED SEED SHATTERING IN BRASSICACEAE	IN	2006002448	20040623	2006002448	230004	20090224	20240623
760	BAYER CROPSCIENCE NV, THE REGENTS OF	BCS93-2003	DELAYED SEED SHATTERING IN BRASSICACEAE	US	10/561793	20040623	20060248812	7718850	20100518	20240623
761	BAYER CROPSCIENCE NV	BCS03-2007	IMPROVED TARGETED DNA INSERTION IN PLANTS	AU	2004291892	20041117		2004291892	20101007	20241117
762	BAYER CROPSCIENCE NV	BCS03-2007	IMPROVED TARGETED DNA INSERTION IN PLANTS	AU	2010212264	20100810		2010212264	20120621	20241117
763	BAYER CROPSCIENCE NV	BCS03-2007	IMPROVED TARGETED DNA INSERTION IN PLANTS	BE	04797993.5	20041117	EP1689870	EP1689870	20081231	20241117
764	BAYER CROPSCIENCE NV	BCS03-2007	IMPROVED TARGETED DNA INSERTION IN PLANTS	BE	08075865.9	20081107	2025756	2025756	20110629	20241117
765	BAYER CROPSCIENCE NV	BCS03-2007	IMPROVED TARGETED DNA INSERTION IN PLANTS	BG	08075865.9	20081107	2025756	2025756	20110629	20241117
766	BAYER CROPSCIENCE NV	BCS03-2007	IMPROVED TARGETED DNA INSERTION IN PLANTS	CA	2545584	20041117		2545584	20140909	20241117
767	BAYER CROPSCIENCE NV	BCS03-2007	IMPROVED TARGETED DNA INSERTION IN PLANTS	CA	2844236	20140206		2844236	20170103	20241117
768	BAYER CROPSCIENCE NV	BCS03-2007	IMPROVED TARGETED DNA INSERTION IN PLANTS	CH	04797993.5	20041117	1689870	1689870	20081231	20241117
769	BAYER CROPSCIENCE NV	BCS03-2007	IMPROVED TARGETED DNA INSERTION IN PLANTS	CH	08075865.9	20081107	2025756	2025756	20110629	20241117
770	BAYER CROPSCIENCE NV	BCS03-2007	IMPROVED TARGETED DNA INSERTION IN PLANTS	CZ	08075865.9	20081107	2025756	2025756	20110629	20241117
771	BAYER CROPSCIENCE NV	BCS03-2007	IMPROVED TARGETED DNA INSERTION IN PLANTS	DE	08075865.9	20081107	2025756	602004033325.5	20110629	20241117
772	BAYER CROPSCIENCE NV	BCS03-2007	IMPROVED TARGETED DNA INSERTION IN PLANTS	DE	60 2004 018 624.7-08	20041117	1689870	1689870	20081231	20241117
773	BAYER CROPSCIENCE NV	BCS03-2007	IMPROVED TARGETED DNA INSERTION IN PLANTS	DK	08075865.9	20081107	2025756	2025756	20110629	20241117
774	BAYER CROPSCIENCE NV	BCS03-2007	IMPROVED TARGETED DNA INSERTION IN PLANTS	EP	08075865.9	20081107	2025756	EP2025756	20110629	20241117
775	BAYER CROPSCIENCE NV	BCS03-2007	IMPROVED TARGETED DNA INSERTION IN PLANTS	ES	04797993.5	20041117	1689870	1689870	20081231	20241117
776	BAYER CROPSCIENCE NV	BCS03-2007	IMPROVED TARGETED DNA INSERTION IN PLANTS	ES	08075865.9	20081107	2025756	2025756	20110629	20241117
777	BAYER CROPSCIENCE NV	BCS03-2007	IMPROVED TARGETED DNA INSERTION IN PLANTS	FR	04797993.5	20041117	1689870	1689870	20081231	20241117
778	BAYER CROPSCIENCE NV	BCS03-2007	IMPROVED TARGETED DNA INSERTION IN PLANTS	FR	08075865.9	20081107	2025756	2025756	20110629	20241117
779	BAYER CROPSCIENCE NV	BCS03-2007	IMPROVED TARGETED DNA INSERTION IN PLANTS	GB	04797993.5	20041117	1689870	1689870	20081231	20241117
780	BAYER CROPSCIENCE NV	BCS03-2007	IMPROVED TARGETED DNA INSERTION IN PLANTS	GB	08075865.9	20081107	2025756	2025756	20110629	20241117
781	BAYER CROPSCIENCE NV	BCS03-2007	IMPROVED TARGETED DNA INSERTION IN PLANTS	GR	08075865.9	20081107	2025756	2025756	20110629	20241117
782	BAYER CROPSCIENCE NV	BCS03-2007	IMPROVED TARGETED DNA INSERTION IN PLANTS	HU	04797993.5	20041117	EP1689870	E005340	20081231	20241117
783	BAYER CROPSCIENCE NV	BCS03-2007	IMPROVED TARGETED DNA INSERTION IN PLANTS	HU	08075865.9	20081107	2025756	2025756	20110629	20241117
784	BAYER CROPSCIENCE NV	BCS03-2007	IMPROVED TARGETED DNA INSERTION IN PLANTS	IT	08075865.9	20081107	2025756	2025756	20110629	20241117
785	BAYER CROPSCIENCE NV	BCS03-2007	IMPROVED TARGETED DNA INSERTION IN PLANTS	JP	2006-540331	20041117	2007-511232	4885727	20111216	20241117
786	BAYER CROPSCIENCE NV	BCS03-2007	IMPROVED TARGETED DNA INSERTION IN PLANTS	JP	2011-108986	20110513	2011-177191	5913833	20160408	20241117
787	BAYER CROPSCIENCE NV	BCS03-2007	IMPROVED TARGETED DNA INSERTION IN PLANTS	NL	04797993.5	20041117	1689870	1689870	20081231	20241117
788	BAYER CROPSCIENCE NV	BCS03-2007	IMPROVED TARGETED DNA INSERTION IN PLANTS	NL	08075865.9	20081107	2025756	2025756	20110629	20241117
789	BAYER CROPSCIENCE NV	BCS03-2007	IMPROVED TARGETED DNA INSERTION IN PLANTS	PL	04797993.5	20041117	1689870	1689870	20081231	20241117
790	BAYER CROPSCIENCE NV	BCS03-2007	IMPROVED TARGETED DNA INSERTION IN PLANTS	PL	08075865.9	20081107	2025756	2025756	20110629	20241117
791	BAYER CROPSCIENCE NV	BCS03-2007	IMPROVED TARGETED DNA INSERTION IN PLANTS	RO	08075865.9	20081107	2025756	2025756	20110629	20241117
792	BAYER CROPSCIENCE NV	BCS03-2007	IMPROVED TARGETED DNA INSERTION IN PLANTS	SE	08075865.9	20081107	2025756	2025756	20110629	20241117
793	BAYER CROPSCIENCE NV	BCS03-2007	IMPROVED TARGETED DNA INSERTION IN PLANTS	SK	08075865.9	20081107	2025756	2025756	20110629	20241117
794	BAYER CROPSCIENCE NV	BCS03-2007	IMPROVED TARGETED DNA INSERTION IN PLANTS	TR	08075865.9	20081107	2025756	2025756	20110629	20241117
795	BAYER CROPSCIENCE NV	BCS03-2007	IMPROVED TARGETED DNA INSERTION IN PLANTS	US	10/500070	20041117	20080282914	7598365	20091006	20251125
796	BAYER CROPSCIENCE NV	BCS03-2007	IMPROVED TARGETED DNA INSERTION IN PLANTS	US	12/497937	20090706	20100003759	8653326	20140218	20251125
797	BAYER CROPSCIENCE NV	BCS05-2007	TARGETED DNA EXCHANGE	AU	2006232828	20060331		2006232828	20110512	20260331
798	BAYER CROPSCIENCE NV	BCS05-2007	TARGETED DNA EXCHANGE	CA	2603177	20060331		2603177	20160126	20260331
799	BAYER CROPSCIENCE NV	BCS05-2007	TARGETED DNA EXCHANGE	CH	06724035.8	20060331	1869186	1869186	20101013	20260331
800	BAYER CROPSCIENCE NV	BCS05-2007	TARGETED DNA EXCHANGE	CN	200680011307.5	20060331	CN101155921A	200680011307.5	20130205	20260331
801	BAYER CROPSCIENCE NV	BCS05-2007	TARGETED DNA EXCHANGE	CN	201110177668.X	20110629	102280456	201110177668.X	20140430	20260331
802	BAYER CROPSCIENCE NV	BCS05-2007	TARGETED DNA EXCHANGE	DE	602006017527.2-08	20060331	1869186	1869186	20101013	20260331
803	BAYER CROPSCIENCE NV	BCS05-2007	TARGETED DNA EXCHANGE	DK	06724035.8	20060331	1869186	1869186	20101013	20260331
804	BAYER CROPSCIENCE NV	BCS05-2007	TARGETED DNA EXCHANGE	ES	06724035.8	20060331	1869186	1869186	20101013	20260331
805	BAYER CROPSCIENCE NV	BCS05-2007	TARGETED DNA EXCHANGE	FR	06724035.8	20060331	1869186	1869186	20101013	20260331
806	BAYER CROPSCIENCE NV	BCS05-2007	TARGETED DNA EXCHANGE							

PATENT
REEL: 049124 FRAME: 0901

887	BAYER CROPSCIENCE NV	BCS05-2007	TARGETED DNA EXCHANGE	GB	06724035.8	20060331	1869186	1869186	20101013	20260331
888	BAYER CROPSCIENCE NV	BCS05-2007	TARGETED DNA EXCHANGE	IE	06724035.8	20060331	1869186	1869186	20101013	20260331
889	BAYER CROPSCIENCE NV	BCS05-2007	TARGETED DNA EXCHANGE	IT	06724035.8	20060331	1869186	1869186	20101013	20260331
890	BAYER CROPSCIENCE NV	BCS05-2007	TARGETED DNA EXCHANGE	JP	2008-504678	20060331	2008-534023	5639336	20141031	20260331
891	BAYER CROPSCIENCE NV	BCS05-2007	TARGETED DNA EXCHANGE	LT	06724035.8	20060331	1869186	1869186	20101013	20260331
892	BAYER CROPSCIENCE NV	BCS05-2007	TARGETED DNA EXCHANGE	LU	06724035.8	20060331	1869186	1869186	20101013	20260331
893	BAYER CROPSCIENCE NV	BCS05-2007	TARGETED DNA EXCHANGE	LV	06724035.8	20060331	1869186	1869186	20101013	20260331
894	BAYER CROPSCIENCE NV	BCS05-2007	TARGETED DNA EXCHANGE	NL	06724035.8	20060331	1869186	1869186	20101013	20260331
895	BAYER CROPSCIENCE NV	BCS05-2007	TARGETED DNA EXCHANGE	SE	06724035.8	20060331	1869186	1869186	20101013	20260331
896	BAYER CROPSCIENCE NV	BCS05-2007	TARGETED DNA EXCHANGE	SI	06724035.8	20060331	1869186	1869186	20101013	20260331
897	BAYER CROPSCIENCE NV	BCS05-2007	TARGETED DNA EXCHANGE	US	11/010515	20060331	20090089890	8148607	20120403	20260325
898	BAYER CROPSCIENCE NV	BCS05-2016	NODC COTTON	AR	20150102944	20150915	qwaited			20260627
899	BAYER CROPSCIENCE NV	BCS05-2016	NODC COTTON	AR	P060102749	20060927	053939			20260627
900	BAYER CROPSCIENCE NV	BCS05-2016	NODC COTTON	AU	2006261276	20060619		2006261276	20120105	20260619
901	BAYER CROPSCIENCE NV	BCS05-2016	NODC COTTON	BE	06776057.9	20060619	1896596	1896596	20110907	20260619
902	BAYER CROPSCIENCE NV	BCS05-2016	NODC COTTON	BE	10075504.0	20100927	2314705	2314705	20140319	20260619
903	BAYER CROPSCIENCE NV	BCS05-2016	NODC COTTON	BR	PI0613153-0	20060619	PI0613153-0			20260619
904	BAYER CROPSCIENCE NV	BCS05-2016	NODC COTTON	CH	06776057.9	20060619	1896596	1896596	20110907	20260619
905	BAYER CROPSCIENCE NV	BCS05-2016	NODC COTTON	CN	200680022680.0	20060619	101203612	200680022680.0	20130320	20260619
906	BAYER CROPSCIENCE NV	BCS05-2016	NODC COTTON	DE	602006024250.0	20060619	1896596	1896596	20110907	20260619
907	BAYER CROPSCIENCE NV	BCS05-2016	NODC COTTON	DE	602006040789.0	20100927	2314705	2314705	20140319	20260619
908	BAYER CROPSCIENCE NV	BCS05-2016	NODC COTTON	ES	06776057.9	20060619	1896596	1896596	20110907	20260619
909	BAYER CROPSCIENCE NV	BCS05-2016	NODC COTTON	ES	10075504.0	20100927	2314705	2314705	20140319	20260619
910	BAYER CROPSCIENCE NV	BCS05-2016	NODC COTTON	FR	06776057.9	20060619	1896596	1896596	20110907	20260619
911	BAYER CROPSCIENCE NV	BCS05-2016	NODC COTTON	FR	10075504.0	20100927	2314705	2314705	20140319	20260619
912	BAYER CROPSCIENCE NV	BCS05-2016	NODC COTTON	GB	06776057.9	20060619	1896596	1896596	20110907	20260619
913	BAYER CROPSCIENCE NV	BCS05-2016	NODC COTTON	GB	10075504.0	20100927	2314705	2314705	20140319	20260619
914	BAYER CROPSCIENCE NV	BCS05-2016	NODC COTTON	GR	06776057.9	20060619	1896596	1896596	20110907	20260619
915	BAYER CROPSCIENCE NV	BCS05-2016	NODC COTTON	GR	10075504.0	20100927	2314705	2314705	20140319	20260619
916	BAYER CROPSCIENCE NV	BCS05-2016	NODC COTTON	ID	2007041 87	20060619		2007041 87	20130122	20260619
917	BAYER CROPSCIENCE NV	BCS05-2016	NODC COTTON	ID	P00201503868	20150624				20260619
918	BAYER CROPSCIENCE NV	BCS05-2016	NODC COTTON	IN	398/CHENP/2008	20060619	200800398	266437	20170818	20260619
919	BAYER CROPSCIENCE NV	BCS05-2016	NODC COTTON	KR	2007/7029812	20060619		10-1409553	20140512	20260619
920	BAYER CROPSCIENCE NV	BCS05-2016	NODC COTTON	KR	2013-7017885	20130708		10-1468830	20141127	20260619
921	BAYER CROPSCIENCE NV	BCS05-2016	NODC COTTON	MX	MX/a/2008/000097	20060619		307598	20130228	20260619
922	BAYER CROPSCIENCE NV	BCS05-2016	NODC COTTON	MX	MX/a/2012/013272	20121114		311570	20130719	20260619
923	BAYER CROPSCIENCE NV	BCS05-2016	NODC COTTON	NL	10075504.0	20100927	2314705	2314705	20140319	20260619
924	BAYER CROPSCIENCE NV	BCS05-2016	NODC COTTON	PE	726/2006	20060823		5568	20100126	20260823
925	BAYER CROPSCIENCE NV	BCS05-2016	NODC COTTON	PH	1-2007-502713	20060619	date of WO	1-2007-502713	20120817	20260619
926	BAYER CROPSCIENCE NV	BCS05-2016	NODC COTTON	PK	682/2008	20060622				20260624
927	BAYER CROPSCIENCE NV	BCS05-2016	NODC COTTON	TH	0601002904	20060622	139536			20260622
928	BAYER CROPSCIENCE NV	BCS05-2016	NODC COTTON	TR	06776057.9	20060619	1896596	1896596	20110907	20260619
929	BAYER CROPSCIENCE NV	BCS05-2016	NODC COTTON	TR	10075504.0	20100927	2314705	2314705	20140319	20260619
930	BAYER CROPSCIENCE NV	BCS05-2016	NODC COTTON	US	11/993818	20060619	20090028837	8008544	20110830	20280703
931	BAYER CROPSCIENCE NV	BCS05-2016	NODC COTTON	US	13/157378	20110720	20120030644	8507755	20130813	20260619
932	BAYER CROPSCIENCE NV	BCS05-2016	NODC COTTON	US	13/942204	20130716	20130312141	9404119	20160802	20261109
933	BAYER CROPSCIENCE NV	BCS05-2016	NODC COTTON	VN	1-2008-00102	20060610		12257	20140107	20260619
934	BAYER CROPSCIENCE NV	BCS05-2016	NODC COTTON	VN	1-2013-03756	20060619		15895	20160829	20260619
935	BAYER CROPSCIENCE NV	BCS05-2016	NODC COTTON	ZA	2007/10494	20060619		2007/10494	20090429	20260619
936	BAYER CROPSCIENCE NV	BCS06-2003	BT BRASSICA	AU	2007228981	20070316		2007228981	20130117	20270316
937	BAYER CROPSCIENCE NV	BCS06-2003	BT BRASSICA	AU	2012258422	20121128		2012258422	20130319	20270316
938	BAYER CROPSCIENCE NV	BCS06-2003	BT BRASSICA	BD	672/2007	20070319				20220321
939	BAYER CROPSCIENCE NV	BCS06-2003	BT BRASSICA	BG	07283322.9	20070316	1999141	1999141	20110503	20270316
940	BAYER CROPSCIENCE NV	BCS06-2003	BT BRASSICA	CA	2646471	20070316		2646471	20160531	20270316
941	BAYER CROPSCIENCE NV	BCS06-2003	BT BRASSICA	CA	2924415	20160321	2924415			20270316
968	BAYER CROPSCIENCE NV	BCS06-2003	BT BRASSICA	CN	200780009986.7	20070316	101403296	200780009986.7	20140430	20270316
969	BAYER CROPSCIENCE NV	BCS06-2003	BT BRASSICA	CZ	07283322.9	20070316	1999141	1999141	20110503	20270316
970	BAYER CROPSCIENCE NV	BCS06-2003	BT BRASSICA	DE	07283322.9	20070316	1999141	1999141	20110503	20270316
971	BAYER CROPSCIENCE NV	BCS06-2003	BT BRASSICA	DK	07283322.9	20070316	1999141	1999141	20110503	20270316
972	BAYER CROPSCIENCE NV	BCS06-2003	BT BRASSICA	EA	200802018	20070316		019029	20131230	20270316

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973	BAYER CROPSCIENCE NV	BCS06-2003	BT BRASSICA	FR	07723322.9	20070316	1999141	1999141	20110601	20270316
974	BAYER CROPSCIENCE NV	BCS06-2003	BT BRASSICA	GB	07723322.9	20070316	1999141	1999141	20110601	20270316
975	BAYER CROPSCIENCE NV	BCS06-2003	BT BRASSICA	ID	200802995	20070316		000048873	20171219	20270316
976	BAYER CROPSCIENCE NV	BCS06-2003	BT BRASSICA	IN	200807689	20070316		265078	20150205	20270316
977	BAYER CROPSCIENCE NV	BCS06-2003	BT BRASSICA	KZ	200802015	20070316		019029	20131230	20270316
978	BAYER CROPSCIENCE NV	BCS06-2003	BT BRASSICA	NZ	571952	20070316		571952	20111010	20270316
979	BAYER CROPSCIENCE NV	BCS06-2003	BT BRASSICA	PH	1-2008-501931	20070316	Date of WO	1-2008-501931	20130731	20270316
980	BAYER CROPSCIENCE NV	BCS06-2003	BT BRASSICA	PK	277/2007	20070317		140884	20111025	20280321
981	BAYER CROPSCIENCE NV	BCS06-2003	BT BRASSICA	PL	07723322.9	20070316	1999141	1999141	20110601	20270316
982	BAYER CROPSCIENCE NV	BCS06-2003	BT BRASSICA	RO	07723322.9	20070316	1999141	1999141	20110601	20270316
983	BAYER CROPSCIENCE NV	BCS06-2003	BT BRASSICA	RU	200802015	20070316		019029	20131230	20270316
984	BAYER CROPSCIENCE NV	BCS06-2003	BT BRASSICA	SE	07723322.9	20070316	1999141	1999141	20110601	20270316
985	BAYER CROPSCIENCE NV	BCS06-2003	BT BRASSICA	SK	07723322.9	20070316	1999141	1999141	20110601	20270316
986	BAYER CROPSCIENCE NV	BCS06-2003	BT BRASSICA	UA	200812351	20070316		98108	20120425	20270316
987	BAYER CROPSCIENCE NV	BCS06-2003	BT BRASSICA	US	15/394485	20161229	20170107534			20270316
988	BAYER CROPSCIENCE NV	BCS06-2010	TARGETED DNA SEQUENCE	CA	2664414	20070920		2664414	20150712	20270920
989	BAYER CROPSCIENCE NV	BCS06-2010	TARGETED DNA SEQUENCE	DE	07818426.4	20070920	2082051	2082051	20150323	20270920
990	BAYER CROPSCIENCE NV	BCS06-2010	TARGETED DNA SEQUENCE	FR	07818426.4	20070920	2082051	2082051	20150323	20270920
991	BAYER CROPSCIENCE NV	BCS06-2010	TARGETED DNA SEQUENCE	GB	07818426.4	20070920	2082051	2082051	20150323	20270920
992	BAYER CROPSCIENCE NV	BCS06-2010	TARGETED DNA SEQUENCE	US	12/442727	20070920	20100050295	8367890	20130205	20290325
1025	BAYER CROPSCIENCE NV	BCS07-2001	GLUCANASE SUBGENOMIC ALLELES	AU	2008204548	20080107	Date of WO	2008204548	20130926	20280107
1026	BAYER CROPSCIENCE NV	BCS07-2001	GLUCANASE SUBGENOMIC ALLELES	BR	PI0806507-1	20080107	PI0806507-1	PI0806507-1	20170502	20280107
1027	BAYER CROPSCIENCE NV	BCS07-2001	GLUCANASE SUBGENOMIC ALLELES	CN	200880001514.1	20080107	101578371	200880001514.1	20140416	20280107
1028	BAYER CROPSCIENCE NV	BCS07-2001	GLUCANASE SUBGENOMIC ALLELES	DE	602008039119.1	20080107	EP2099917	2099917	20150722	20280107
1029	BAYER CROPSCIENCE NV	BCS07-2001	GLUCANASE SUBGENOMIC ALLELES	ES	08701076.5	20080107	EP2099917	2099917	20150722	20280107
1030	BAYER CROPSCIENCE NV	BCS07-2001	GLUCANASE SUBGENOMIC ALLELES	FR	08701076.5	20080107	EP2099917	2099917	20150722	20280107
1031	BAYER CROPSCIENCE NV	BCS07-2001	GLUCANASE SUBGENOMIC ALLELES	GB	08701076.5	20080107	EP2099917	2099917	20150722	20280107
1032	BAYER CROPSCIENCE NV	BCS07-2001	GLUCANASE SUBGENOMIC ALLELES	GR	08701076.5	20080107	EP2099917	2099917	20150722	20280107
1033	BAYER CROPSCIENCE NV	BCS07-2001	GLUCANASE SUBGENOMIC ALLELES	IN	4267/DELNP/2009	20080107		279521	20170124	20280107
1034	BAYER CROPSCIENCE NV	BCS07-2001	GLUCANASE SUBGENOMIC ALLELES	TR	08701076.5	20080107	EP2099917	2099917	20150722	20280107
1035	BAYER CROPSCIENCE NV	BCS07-2001	GLUCANASE SUBGENOMIC ALLELES	US	12/522808	20080710	20100115659	9057073	20150616	20301201
1036	BAYER CROPSCIENCE NV	BCS07-2001	GLUCANASE SUBGENOMIC ALLELES	ZA	2009/04352	20080107		2009/04352	20101027	20280107
1037	Bayer CropScience AG , BAYER CROPSCIENCE	BCS07-2009	EXACT REPLACEMENT WITH TRUNCATED TARGET SITES IN REPEAT	AU	2008250782	20080603	Date of WO	2008250782	20140102	20280603
1038	Bayer CropScience AG , BAYER CROPSCIENCE	BCS07-2009	EXACT REPLACEMENT WITH TRUNCATED TARGET SITES IN REPEAT	BR	PI0812233-4	20080603	PI0812233-4			20280603
1039	Bayer CropScience AG , BAYER CROPSCIENCE	BCS07-2009	EXACT REPLACEMENT WITH TRUNCATED TARGET SITES IN REPEAT	CA	2689345	20080603		2689345	20170711	20280603
1040	Bayer CropScience AG , BAYER CROPSCIENCE	BCS07-2009	EXACT REPLACEMENT WITH TRUNCATED TARGET SITES IN REPEAT	CN	200880018688.7	20080603	101688217	200880018688.7	20130403	20280603
1041	Bayer CropScience AG , BAYER CROPSCIENCE	BCS07-2009	EXACT REPLACEMENT WITH TRUNCATED TARGET SITES IN REPEAT	DE	602008040900.7	20080603	2160467	2160467	20151028	20280603
1042	Bayer CropScience AG , BAYER CROPSCIENCE	BCS07-2009	EXACT REPLACEMENT WITH TRUNCATED TARGET SITES IN REPEAT	FR	08759067.5	20080603	2160467	2160467	20151028	20280603
1043	Bayer CropScience AG , BAYER CROPSCIENCE	BCS07-2009	EXACT REPLACEMENT WITH TRUNCATED TARGET SITES IN REPEAT	GB	08759067.5	20080603	2160467	2160467	20151028	20280603
1044	Bayer CropScience AG , BAYER CROPSCIENCE	BCS07-2009	EXACT REPLACEMENT WITH TRUNCATED TARGET SITES IN REPEAT	IN	7695/DELNP/2009	20080603		279522	20170131	20280603
1045	Bayer CropScience AG , BAYER CROPSCIENCE	BCS07-2009	EXACT REPLACEMENT WITH TRUNCATED TARGET SITES IN REPEAT	US	12/663172	20080603	20100175143	8765448	20140701	20300629
1046	BAYER CROPSCIENCE NV	BCS07-2014	DELAYED SEED SHATTERING IN BRASSICACEAE	AR	P080105182	20081128				20281128
1047	BAYER CROPSCIENCE NV	BCS07-2014	DELAYED SEED SHATTERING IN BRASSICACEAE	AT	08854261.8	20081125	2220239	2220239	20150520	20281125
1048	BAYER CROPSCIENCE NV	BCS07-2014	DELAYED SEED SHATTERING IN BRASSICACEAE	AU	2008329065	20081125	Date of WO	2008329065	20140821	20281125
1049	BAYER CROPSCIENCE NV	BCS07-2014	DELAYED SEED SHATTERING IN BRASSICACEAE	BE	08854261.8	20081125	2220239	2220239	20150520	20281125
1050	BAYER CROPSCIENCE NV	BCS07-2014	DELAYED SEED SHATTERING IN BRASSICACEAE	BG	08854261.8	20081125	2220239	2220239	20150520	20281125
1051	BAYER CROPSCIENCE NV	BCS07-2014	DELAYED SEED SHATTERING IN BRASSICACEAE	CA	2706612	20081125	2706612			20281125
1052	BAYER CROPSCIENCE NV	BCS07-2014	DELAYED SEED SHATTERING IN BRASSICACEAE	CL	3586-2008	20081128		55.123	20170920	20281128
1053	BAYER CROPSCIENCE NV	BCS07-2014	DELAYED SEED SHATTERING IN BRASSICACEAE	CN	200880125055.4	20081125	101970667	200880125055.4	20140409	20281125
1054	BAYER CROPSCIENCE NV	BCS07-2014	DELAYED SEED SHATTERING IN BRASSICACEAE	CN	201410092859.X	20140313	103988125	201410092859.X	20180313	20281125
1055	BAYER CROPSCIENCE NV	BCS07-2014	DELAYED SEED SHATTERING IN BRASSICACEAE	CN	201410093702.9	20140313	103988042	201410093702.9	20180501	20281125
1056	BAYER CROPSCIENCE NV	BCS07-2014	DELAYED SEED SHATTERING IN BRASSICACEAE	CZ	08854261.8	20081125	2220239	2220239	20150520	20281125
1057	BAYER CROPSCIENCE NV	BCS07-2014	DELAYED SEED SHATTERING IN BRASSICACEAE	DE	602008038267.2	20081125	2220239	2220239	20150520	20281125
1058	BAYER CROPSCIENCE NV	BCS07-2014	DELAYED SEED SHATTERING IN BRASSICACEAE	DK	08854261.8	20081125	2220239	2220239	20150520	20281125
1059	BAYER CROPSCIENCE NV	BCS07-2014	DELAYED SEED SHATTERING IN BRASSICACEAE	EA	201070662	20081125	201070662			20281125
1060	BAYER CROPSCIENCE NV	BCS07-2014	DELAYED SEED SHATTERING IN BRASSICACEAE	ES	08854261.8	20081125	2220239	2220239	20150520	20281125
1061	BAYER CROPSCIENCE NV	BCS07-2014	DELAYED SEED SHATTERING IN BRASSICACEAE	FR	08854261.8	20081125	2220239	2220239	20150520	20281125
1062	BAYER CROPSCIENCE NV	BCS07-2014	DELAYED SEED SHATTERING IN BRASSICACEAE	GB	08854261.8	20081125	2220239	2220239	20150520	20281125
1063	BAYER CROPSCIENCE NV	BCS07-2014	DELAYED SEED SHATTERING IN BRASSICACEAE	IE	08854261.8	20081125	2220239	2220239	20150520	20281125
1064	BAYER CROPSCIENCE NV	BCS07-2014	DELAYED SEED SHATTERING IN BRASSICACEAE	IN	3074/DELNP/2010	20081125		262972	20180216	20281125

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1065	BAYER CROPSCIENCE NV	BCS07-2014	DELAYED SEED SHATTERING IN BRASSICACEAE	IT	08854261.8	20081125	2220239	2220239	20150520	20281125
1066	BAYER CROPSCIENCE NV	BCS07-2014	DELAYED SEED SHATTERING IN BRASSICACEAE	JP	2010-535209	20081125	2011-504735	5058109	20160224	20281125
1067	BAYER CROPSCIENCE NV	BCS07-2014	DELAYED SEED SHATTERING IN BRASSICACEAE	JP	2014-262573	20141225	2015-109843	6109810	20170317	20281125
1068	BAYER CROPSCIENCE NV	BCS07-2014	DELAYED SEED SHATTERING IN BRASSICACEAE	JP	2016-081421	20160414	2016189774	6109001	20170317	20281125
1069	BAYER CROPSCIENCE NV	BCS07-2014	DELAYED SEED SHATTERING IN BRASSICACEAE	LT	08854261.8	20081125	2220239	2220239	20150520	20281125
1070	BAYER CROPSCIENCE NV	BCS07-2014	DELAYED SEED SHATTERING IN BRASSICACEAE	LV	08854261.8	20081125	2220239	2220239	20150520	20281125
1071	BAYER CROPSCIENCE NV	BCS07-2014	DELAYED SEED SHATTERING IN BRASSICACEAE	MK	08854261.8	20081125	2220239	2220239	20150520	20281125
1072	BAYER CROPSCIENCE NV	BCS07-2014	DELAYED SEED SHATTERING IN BRASSICACEAE	NL	08854261.8	20081125	2220239	2220239	20150520	20281125
1073	BAYER CROPSCIENCE NV	BCS07-2014	DELAYED SEED SHATTERING IN BRASSICACEAE	PL	08854261.8	20081125	2220239	2220239	20150520	20281125
1074	BAYER CROPSCIENCE NV	BCS07-2014	DELAYED SEED SHATTERING IN BRASSICACEAE	PT	08854261.8	20081125	2220239	2220239	20150520	20281125
1075	BAYER CROPSCIENCE NV	BCS07-2014	DELAYED SEED SHATTERING IN BRASSICACEAE	RO	08854261.8	20081125	2220239	2220239	20150520	20281125
1076	BAYER CROPSCIENCE NV	BCS07-2014	DELAYED SEED SHATTERING IN BRASSICACEAE	SE	08854261.8	20081125	2220239	2220239	20150520	20281125
1077	BAYER CROPSCIENCE NV	BCS07-2014	DELAYED SEED SHATTERING IN BRASSICACEAE	SI	08854261.8	20081125	2220239	2220239	20150520	20281125
1078	BAYER CROPSCIENCE NV	BCS07-2014	DELAYED SEED SHATTERING IN BRASSICACEAE	SK	08854261.8	20081125	2220239	2220239	20150520	20281125
1079	BAYER CROPSCIENCE NV	BCS07-2014	DELAYED SEED SHATTERING IN BRASSICACEAE	UA	201007079	20081125		99636	20120910	20281125
1080	BAYER CROPSCIENCE NV	BCS07-2014	DELAYED SEED SHATTERING IN BRASSICACEAE	US	12/745106	20081125	20110030106	9475849	20161025	20281125
1081	BAYER CROPSCIENCE NV	BCS07-2014	DELAYED SEED SHATTERING IN BRASSICACEAE	US	15/264278	20160913	20170055460			20281125
1082	BAYER CROPSCIENCE NV	BCS07-2014	DELAYED SEED SHATTERING IN BRASSICACEAE	ZA	2010/03117	20081125		2010031 17	20110727	20281125
1096	BAYER CROPSCIENCE NV, Centre National de l	BCS08-2016	CYP704 PROMOTER	AU	2009319313	20081125		2009319313	20151203	20291125
1097	BAYER CROPSCIENCE NV, Centre National de l	BCS08-2016	CYP704 PROMOTER	CA	2744379	20081125	2744379			20291125
1098	BAYER CROPSCIENCE NV, Centre National de l	BCS08-2016	CYP704 PROMOTER	CZ	09759899.9	20091125	2370456	2370456	20130424	20291125
1099	BAYER CROPSCIENCE NV, Centre National de l	BCS08-2016	CYP704 PROMOTER	DE	602009015260.2	20091125	2370456	2370456	20130424	20291125
1100	BAYER CROPSCIENCE NV, Centre National de l	BCS08-2016	CYP704 PROMOTER	DK	09759899.9	20091125	2370456	2370456	20130424	20291125
1101	BAYER CROPSCIENCE NV, Centre National de l	BCS08-2016	CYP704 PROMOTER	FR	09759899.9	20091125	2370456	2370456	20130424	20291125
1102	BAYER CROPSCIENCE NV, Centre National de l	BCS08-2016	CYP704 PROMOTER	GB	09759899.9	20091125	2370456	2370456	20130424	20291125
1103	BAYER CROPSCIENCE NV, Centre National de l	BCS08-2016	CYP704 PROMOTER	PL	09759899.9	20091125	2370456	2370456	20130424	20291125
1104	BAYER CROPSCIENCE NV, Centre National de l	BCS08-2016	CYP704 PROMOTER	SK	09759899.9	20091125	2370456	2370456	20130424	20291125
1105	BAYER CROPSCIENCE NV, Centre National de l	BCS08-2016	CYP704 PROMOTER	US	13/131,307	20091125	US20110296552A1	8,835,622	20140916	20301216
1106	BAYER CROPSCIENCE NV, Centre National de l	BCS08-2016	CYP704 PROMOTER	DE	602009041218.7	20130318	2607377	2607377	20160914	20291125
1107	BAYER CROPSCIENCE NV, Centre National de l	BCS08-2016	CYP704 PROMOTER	EP	09759899.9	20091125	2370456	2370456	20130424	20291125
1108	BAYER CROPSCIENCE NV, Centre National de l	BCS08-2016	CYP704 PROMOTER	FR	13159737.9	20130318	2607377	2607377	20160914	20291125
1109	BAYER CROPSCIENCE NV, Centre National de l	BCS08-2016	CYP704 PROMOTER	GB	13159737.9	20130318	2607377	2607377	20160914	20291125
1116	Bayer CropScience AG, Bayer CropScience SA-N	BCS08-4008	NEW MUTATED HYDROXYPHENYLPYRUVATE DIOXYGENASE, DNA SEQUENCE AND ISOLATION OF PLANTS WHICH ARE TOLERANT TO HPPD INHIBITOR HERBICIDES	BR	PI0907359-0	20090410				20290410
1117	Bayer CropScience AG, Bayer CropScience SA-N	BCS08-4008	NEW MUTATED HYDROXYPHENYLPYRUVATE DIOXYGENASE, DNA SEQUENCE AND ISOLATION OF PLANTS WHICH ARE TOLERANT TO HPPD INHIBITOR HERBICIDES	CN	201510740118.2	20090410	CN105368790A			20290410
1118	BAYER CROPSCIENCE NV, Bayer Intellectual Pr	BCS08-4008	NEW MUTATED HYDROXYPHENYLPYRUVATE DIOXYGENASE, DNA SEQUENCE AND ISOLATION OF PLANTS WHICH ARE TOLERANT TO HPPD INHIBITOR HERBICIDES	AR	20180101228	20180518				20290413
1119	BAYER CROPSCIENCE NV, Bayer Intellectual Pr	BCS08-4008	NEW MUTATED HYDROXYPHENYLPYRUVATE DIOXYGENASE, DNA SEQUENCE AND ISOLATION OF PLANTS WHICH ARE TOLERANT TO HPPD INHIBITOR HERBICIDES	CA	2950653	20090414				20290410
1120	BAYER CROPSCIENCE NV, Bayer Intellectual Pr	BCS08-4008	NEW MUTATED HYDROXYPHENYLPYRUVATE DIOXYGENASE, DNA SEQUENCE AND ISOLATION OF PLANTS WHICH ARE TOLERANT TO HPPD INHIBITOR HERBICIDES	EP	16167953.5	20090410	3095869			20290410
1121	BAYER CROPSCIENCE NV, Bayer Intellectual Pr	BCS08-4008	NEW MUTATED HYDROXYPHENYLPYRUVATE DIOXYGENASE, DNA SEQUENCE AND ISOLATION OF PLANTS WHICH ARE TOLERANT TO HPPD INHIBITOR HERBICIDES	US	15/805,573	20090410				20290410
1122	Bayer CropScience SA-NV, Bayer Intellectual Pro	BCS08-4008	NEW MUTATED HYDROXYPHENYLPYRUVATE DIOXYGENASE, DNA SEQUENCE AND ISOLATION OF PLANTS WHICH ARE TOLERANT TO HPPD INHIBITOR HERBICIDES	AR	20090101267	20090413	AR071316A1			20290413
1123	Bayer CropScience SA-NV, Bayer Intellectual Pro	BCS08-4008	NEW MUTATED HYDROXYPHENYLPYRUVATE DIOXYGENASE, DNA SEQUENCE AND ISOLATION OF PLANTS WHICH ARE TOLERANT TO HPPD INHIBITOR HERBICIDES	CA	2724670	20090410		2724670	20170131	20290410
1189	BAYER CROPSCIENCE NV	BCS09-2014	IMPROVED LIPID BIOSYNTHESIS	AU	2010309840	20101019		2010309840	20151029	20301019
1190	BAYER CROPSCIENCE NV	BCS09-2014	IMPROVED LIPID BIOSYNTHESIS	CA	2717903	20101019				20301019
1191	BAYER CROPSCIENCE NV	BCS09-2014	IMPROVED LIPID BIOSYNTHESIS	CZ	10771417.2	20101019	2491119	2491119	20160608	20301019
1192	BAYER CROPSCIENCE NV	BCS09-2014	IMPROVED LIPID BIOSYNTHESIS	DE	602010033964.5	20101019	2491119	2491119	20160608	20301019
1193	BAYER CROPSCIENCE NV	BCS09-2014	IMPROVED LIPID BIOSYNTHESIS	DK	10771417.2	20101019	2491119	2491119	20160608	20301019
1194	BAYER CROPSCIENCE NV	BCS09-2014	IMPROVED LIPID BIOSYNTHESIS	EP	10771417.2	20101019	2491119	2491119	20160608	20301019
1195	BAYER CROPSCIENCE NV	BCS09-2014	IMPROVED LIPID BIOSYNTHESIS	FR	10771417.2	20101019	2491119	2491119	20160608	20301019
1196	BAYER CROPSCIENCE NV	BCS09-2014	IMPROVED LIPID BIOSYNTHESIS	GB	10771417.2	20101019	2491119	2491119	20160608	20301019
1197	BAYER CROPSCIENCE NV	BCS09-2014	IMPROVED LIPID BIOSYNTHESIS	PL	10771417.2	20101019	2491119	2491119	20160608	20301019
1198	BAYER CROPSCIENCE NV	BCS09-2014	IMPROVED LIPID BIOSYNTHESIS	SK	10771417.2	20101019	2491119	2491119	20160608	20301019
1231	BAYER CROPSCIENCE NV, BULONE VINCENT	BCS10-2001	SAFRO CHIT	AU	2011208891	20110124		2011208891	20150430	20310124
1232	BAYER CROPSCIENCE NV, BULONE VINCENT	BCS10-2001	SAFRO CHIT	BR	112012018443-1	20110124	112012018443-1			20310124
1233	BAYER CROPSCIENCE NV, BULONE VINCENT	BCS10-2001	SAFRO CHIT	CA	2787698	20110124	2787698			20310124
1234	BAYER CROPSCIENCE NV, BULONE VINCENT	BCS10-2001	SAFRO CHIT	CN	201180006977.9	20110124	102770544	201180006977.9	20150415	20310124
1235	BAYER CROPSCIENCE NV, BULONE VINCENT	BCS10-2001	SAFRO CHIT	DE	11702149.3	20110124	2529019	602011012247.8	20141001	20310124

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1236	BAYER CROPSCIENCE NV, BULONE VINCENT	BCS10-2001	SAPRO CHIT	EP	11702149.3	20110124	2529019	2529019	20141001	20310124
1237	BAYER CROPSCIENCE NV, BULONE VINCENT	BCS10-2001	SAPRO CHIT	FR	11702149.3	20110124	2529019	2529019	20141001	20310124
1238	BAYER CROPSCIENCE NV, BULONE VINCENT	BCS10-2001	SAPRO CHIT	GB	11702149.3	20110124	2529019	2529019	20141001	20310124
1239	BAYER CROPSCIENCE NV, BULONE VINCENT	BCS10-2001	SAPRO CHIT	IN	6705/DELNP/2012	20110124				20310124
1240	BAYER CROPSCIENCE NV, BULONE VINCENT	BCS10-2001	SAPRO CHIT	MX	MX/a/2012008809	20110124	2012008809	332065	20150731	20310124
1241	BAYER CROPSCIENCE NV, BULONE VINCENT	BCS10-2001	SAPRO CHIT	US	13/527,506	20110124	US-2013-0081802	9279130	20160308	20320404
1242	BAYER CROPSCIENCE NV, BULONE VINCENT	BCS10-2001	SAPRO CHIT	ZA	2012/06396	20110124		2012/06396	20131030	20310124
1243	BAYER CROPSCIENCE NV	BCS10-2009	3' G7 HOMOLOGOUS RECOMBINATION	AU	2011264074	20110607		2011264074	20150507	20310607
1244	BAYER CROPSCIENCE NV	BCS10-2009	3' G7 HOMOLOGOUS RECOMBINATION	CA	2801834	20110607	2801834			20310607
1245	BAYER CROPSCIENCE NV	BCS10-2009	3' G7 HOMOLOGOUS RECOMBINATION	DE	11727919.0	20110607	2580336	602011037602.8	20170510	20310607
1246	BAYER CROPSCIENCE NV	BCS10-2009	3' G7 HOMOLOGOUS RECOMBINATION	FR	11727919.0	20110607	2580336	2580336	20170510	20310607
1247	BAYER CROPSCIENCE NV	BCS10-2009	3' G7 HOMOLOGOUS RECOMBINATION	GB	11727919.0	20110607	2580336	2580336	20170510	20310607
1248	BAYER CROPSCIENCE NV	BCS10-2009	3' G7 HOMOLOGOUS RECOMBINATION	US	13/700,807	20110607	20130311620A1	9593317	20170314	20340112
1249	BAYER CROPSCIENCE NV	BCS10-2010	BAR HOMOLOGOUS RECOMBINATION	AR	P110101986	20110609	081904			20310609
1250	BAYER CROPSCIENCE NV	BCS10-2010	BAR HOMOLOGOUS RECOMBINATION	AU	2011264075	20110607		2011264075	20150514	20310607
1251	BAYER CROPSCIENCE NV	BCS10-2010	BAR HOMOLOGOUS RECOMBINATION	BE	11727397.9	20110607	2580335	2580335	20170510	20310607
1252	BAYER CROPSCIENCE NV	BCS10-2010	BAR HOMOLOGOUS RECOMBINATION	BR	BR112012031323-1	20110607	BR112012031323-1			20310607
1253	BAYER CROPSCIENCE NV	BCS10-2010	BAR HOMOLOGOUS RECOMBINATION	CA	2801835	20110607	2801835			20310607
1254	BAYER CROPSCIENCE NV	BCS10-2010	BAR HOMOLOGOUS RECOMBINATION	CH	11727397.9	20110607	2580335	2580335	20170510	20310607
1255	BAYER CROPSCIENCE NV	BCS10-2010	BAR HOMOLOGOUS RECOMBINATION	CN	201180028604.3	20110607	103119189			20310607
1256	BAYER CROPSCIENCE NV	BCS10-2010	BAR HOMOLOGOUS RECOMBINATION	DE	11727397.9	20110607	2580335	602011037602.3	20170510	20310607
1257	BAYER CROPSCIENCE NV	BCS10-2010	BAR HOMOLOGOUS RECOMBINATION	FR	11727397.9	20110607	2580335	2580335	20170510	20310607
1258	BAYER CROPSCIENCE NV	BCS10-2010	BAR HOMOLOGOUS RECOMBINATION	GB	11727397.9	20110607	2580335	2580335	20170510	20310607
1259	BAYER CROPSCIENCE NV	BCS10-2010	BAR HOMOLOGOUS RECOMBINATION	IN	201210878	20110607				20310607
1260	BAYER CROPSCIENCE NV	BCS10-2010	BAR HOMOLOGOUS RECOMBINATION	JP	2013513587	20110607	2013-531488	5992100	20170217	20310607
1261	BAYER CROPSCIENCE NV	BCS10-2010	BAR HOMOLOGOUS RECOMBINATION	KR	2013-7000586	20110607				20310607
1262	BAYER CROPSCIENCE NV	BCS10-2010	BAR HOMOLOGOUS RECOMBINATION	MX	MX/a/2013014366	20110607		347575	20170503	20310607
1263	BAYER CROPSCIENCE NV	BCS10-2010	BAR HOMOLOGOUS RECOMBINATION	NL	11727397.9	20110607	2580335	2580335	20170510	20310607
1264	BAYER CROPSCIENCE NV	BCS10-2010	BAR HOMOLOGOUS RECOMBINATION	RU	2012157731	20110607		2639512	20171221	20310607
1265	BAYER CROPSCIENCE NV	BCS10-2010	BAR HOMOLOGOUS RECOMBINATION	SG	201209530-4	20110607		185668	20150828	20310607
1266	BAYER CROPSCIENCE NV	BCS10-2010	BAR HOMOLOGOUS RECOMBINATION	UA	2013009331	20110607		115961	20150125	20310607
1267	BAYER CROPSCIENCE NV	BCS10-2010	BAR HOMOLOGOUS RECOMBINATION	US	13/700,773	20110607	20130145490	9574201	20170221	20331125
1268	BAYER CROPSCIENCE NV	BCS10-2010	BAR HOMOLOGOUS RECOMBINATION	US	15/382794	20161219	US-2017-0096674-A1			20310607
1269	BAYER CROPSCIENCE NV	BCS10-2016	GOLGI-NODC	AR	P110103816	20111014	083452			20311014
1270	BAYER CROPSCIENCE NV	BCS10-2016	GOLGI-NODC	AU	2013316154	20140930		2013316154	20150611	20310930
1271	BAYER CROPSCIENCE NV	BCS10-2016	GOLGI-NODC	BR	112013009077-4	20140930				20310930
1272	BAYER CROPSCIENCE NV	BCS10-2016	GOLGI-NODC	CA	2816156	20140930	2816156			20310930
1273	BAYER CROPSCIENCE NV	BCS10-2016	GOLGI-NODC	CN	201180049781.0	20140930	103154255	201180049781.0	20151014	20310930
1274	BAYER CROPSCIENCE NV	BCS10-2016	GOLGI-NODC	DE	602011018731.7	20140930	EP2627771	2627771	20150812	20310930
1275	BAYER CROPSCIENCE NV	BCS10-2016	GOLGI-NODC	ES	11764665.1	20140930	EP2627771	2627771	20150812	20310930
1276	BAYER CROPSCIENCE NV	BCS10-2016	GOLGI-NODC	FR	11764665.1	20140930	EP2627771	2627771	20150812	20310930
1277	BAYER CROPSCIENCE NV	BCS10-2016	GOLGI-NODC	GB	11764665.1	20140930	EP2627771	2627771	20150812	20310930
1278	BAYER CROPSCIENCE NV	BCS10-2016	GOLGI-NODC	GR	11764665.1	20140930	EP2627771	3087027	20150812	20310930
1279	BAYER CROPSCIENCE NV	BCS10-2016	GOLGI-NODC	HD	201302055	20140930	2014/00323			20310930
1280	BAYER CROPSCIENCE NV	BCS10-2016	GOLGI-NODC	IN	3045/DELNP/2013	20140930				20310930
1281	BAYER CROPSCIENCE NV	BCS10-2016	GOLGI-NODC	KR	20137012470	20140930				20310930
1282	BAYER CROPSCIENCE NV	BCS10-2016	GOLGI-NODC	MX	MX/a/2013/004173	20140930	2013/004173	344886	20170110	20310930
1283	BAYER CROPSCIENCE NV	BCS10-2016	GOLGI-NODC	MY	PI2013001312	20140930				20310930
1284	BAYER CROPSCIENCE NV	BCS10-2016	GOLGI-NODC	PE	856/2013	20140930		8589	20171214	20310930
1285	BAYER CROPSCIENCE NV	BCS10-2016	GOLGI-NODC	PH	1-2013-500606	20140930	Date of WO	1-2013-500606	20170607	20310930
1286	BAYER CROPSCIENCE NV	BCS10-2016	GOLGI-NODC	PK	731/2013	20141008				20301015
1287	BAYER CROPSCIENCE NV	BCS10-2016	GOLGI-NODC	TH	1301001971	20140930	1501143			20310930
1288	BAYER CROPSCIENCE NV	BCS10-2016	GOLGI-NODC	TR	11764665.1	20140930	EP2627771	2627771	20150812	20310930
1289	BAYER CROPSCIENCE NV	BCS10-2016	GOLGI-NODC	US	13/878,873	20140930	US 2013 0198976-A1			20310930
1290	BAYER CROPSCIENCE NV	BCS10-2016	GOLGI-NODC	VN	1-2013-01305	20140930				20310930
1291	BAYER CROPSCIENCE NV	BCS10-2016	GOLGI-NODC	ZA	2013/02604	20140930		2013/02604	20140625	20310930
1302	BAYER CROPSCIENCE NV, CSIRO	BCS11-2001	FIBERPROM	AU	2011354240	20111221		2011354240	20170323	20311221
1303	BAYER CROPSCIENCE NV, CSIRO	BCS11-2001	FIBERPROM	BR	112013017299-1	20111221				20311221
1304	BAYER CROPSCIENCE NV, CSIRO	BCS11-2001	FIBERPROM	CN	201180064087.3	20111221	103328635	201180064087.3	20151125	20311221
1305	BAYER CROPSCIENCE NV, CSIRO	BCS11-2001	FIBERPROM	EP	11799713.0	20111221	EP2661498	2661498	20161130	20311221

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1306	BAYER CROPSCIENCE NV, CSIRO	BCS11-2001	FIBERPROM	ES	117097130	20111221	EP2661498	2661498	20161130	20311221
1307	BAYER CROPSCIENCE NV, CSIRO	BCS11-2001	FIBERPROM	GR	117097130	20111221	EP2661498	2661498	20161130	20311221
1308	BAYER CROPSCIENCE NV, CSIRO	BCS11-2001	FIBERPROM	IN	5824/DELNP/2013	20111221				20311221
1309	BAYER CROPSCIENCE NV, CSIRO	BCS11-2001	FIBERPROM	MX	MX/a/2013/007615	20111221		345212	20170119	20311221
1310	BAYER CROPSCIENCE NV, CSIRO	BCS11-2001	FIBERPROM	TR	117097130	20111221	EP2661498	2661498	20161130	20311221
1311	BAYER CROPSCIENCE NV, CSIRO	BCS11-2001	FIBERPROM	US	13/977749	20111221	2013-0276170	9243260	20160126	20320804
1312	BAYER CROPSCIENCE NV, CSIRO	BCS11-2001	FIBERPROM	ZA	2013/04927	20111221		2013/04927	20140925	20311221
1313	BAYER CROPSCIENCE NV	BCS11-2002	RD29A PROMOTER IN COTTON	AU	2012210618	20120124	2012210618	2012210618	20170518	20320124
1314	BAYER CROPSCIENCE NV	BCS11-2002	RD29A PROMOTER IN COTTON	BR	112013018531-7	20120124	112013018531-7			20320124
1315	BAYER CROPSCIENCE NV	BCS11-2002	RD29A PROMOTER IN COTTON	CN	201280006195.X	20120124	103443279			20320124
1316	BAYER CROPSCIENCE NV	BCS11-2002	RD29A PROMOTER IN COTTON	EP	12701113.8	20120124	2668278			20320124
1317	BAYER CROPSCIENCE NV	BCS11-2002	RD29A PROMOTER IN COTTON	IN	6000/DELNP/2013	20120124				20320124
1318	BAYER CROPSCIENCE NV	BCS11-2002	RD29A PROMOTER IN COTTON	MX	MX/a/2013/008507	20120124	2013008507			20320124
1319	BAYER CROPSCIENCE NV	BCS11-2002	RD29A PROMOTER IN COTTON	US	15/599866	20170519	US-2017-0260530-A1			20320124
1320	BAYER CROPSCIENCE NV	BCS11-2002	RD29A PROMOTER IN COTTON	ZA	2013/04930	20120124	201304930	2013/04930	20140925	20320124
1321	BAYER CROPSCIENCE NV	BCS11-2007	MADS8 PROMOTER IN COTTON	AU	2012238801	20120405	Date of WO	2012238801	20170427	20320405
1322	BAYER CROPSCIENCE NV	BCS11-2007	MADS8 PROMOTER IN COTTON	BR	112013025819-5	20120405				20320405
1323	BAYER CROPSCIENCE NV	BCS11-2007	MADS8 PROMOTER IN COTTON	CN	201280014422.3	20120405	103443280	ZL201280014422.3	20170630	20320405
1324	BAYER CROPSCIENCE NV	BCS11-2007	MADS8 PROMOTER IN COTTON	ES	12712280.2	20120405	2694658	2694658	20170517	20320405
1325	BAYER CROPSCIENCE NV	BCS11-2007	MADS8 PROMOTER IN COTTON	GR	12712280.2	20120405	2694658	2694658	20170517	20320405
1326	BAYER CROPSCIENCE NV	BCS11-2007	MADS8 PROMOTER IN COTTON	IN	7629/DELNP/2013	20120405				20320405
1327	BAYER CROPSCIENCE NV	BCS11-2007	MADS8 PROMOTER IN COTTON	MX	MX/a/2013/011691	20120405		344884	20170110	20320405
1328	BAYER CROPSCIENCE NV	BCS11-2007	MADS8 PROMOTER IN COTTON	TR	12712280.2	20120405	2694658	2694658	20170517	20320405
1329	BAYER CROPSCIENCE NV	BCS11-2007	MADS8 PROMOTER IN COTTON	US	14/110212	20120405	20140359801			20320405
1330	BAYER CROPSCIENCE NV	BCS11-2007	MADS8 PROMOTER IN COTTON	ZA	2013/06884	20120405		2013/06884	20141126	20320405
1331	BAYER CROPSCIENCE NV	BCS11-2008	TARGETED GENOME ENGINEERING IN COTTON	AR	P120101894	20120606				20320606
1332	BAYER CROPSCIENCE NV	BCS11-2008	TARGETED GENOME ENGINEERING IN COTTON	AU	2012286597	20120530		2012286597	20170105	20320530
1333	BAYER CROPSCIENCE NV	BCS11-2008	TARGETED GENOME ENGINEERING IN COTTON	BR	112013031287-4	20120530				20320530
1334	BAYER CROPSCIENCE NV	BCS11-2008	TARGETED GENOME ENGINEERING IN COTTON	CN	201280028034.0	20120530	103697082	ZL201280028034.0	20170915	20320530
1335	BAYER CROPSCIENCE NV	BCS11-2008	TARGETED GENOME ENGINEERING IN COTTON	DE	12729391.8	20120530	2718443	602012040324.1	20171129	20320530
1336	BAYER CROPSCIENCE NV	BCS11-2008	TARGETED GENOME ENGINEERING IN COTTON	EP	12729391.8	20120530	2718443	2718443	20171129	20320530
1337	BAYER CROPSCIENCE NV	BCS11-2008	TARGETED GENOME ENGINEERING IN COTTON	ES	12729391.8	20120530	2718443	2718443	20171129	20320530
1338	BAYER CROPSCIENCE NV	BCS11-2008	TARGETED GENOME ENGINEERING IN COTTON	FR	12729391.8	20120530	2718443	2718443	20171129	20320530
1339	BAYER CROPSCIENCE NV	BCS11-2008	TARGETED GENOME ENGINEERING IN COTTON	GB	12729391.8	20120530	2718443	2718443	20171129	20320530
1340	BAYER CROPSCIENCE NV	BCS11-2008	TARGETED GENOME ENGINEERING IN COTTON	GR	12729391.8	20120530	2718443	2718443	20171129	20320530
1341	BAYER CROPSCIENCE NV	BCS11-2008	TARGETED GENOME ENGINEERING IN COTTON	IN	9944/DELNP/2013	20120530				20320530
1342	BAYER CROPSCIENCE NV	BCS11-2008	TARGETED GENOME ENGINEERING IN COTTON	MX	MX/a/2013/014308	20120530		348795	20170828	20320530
1343	BAYER CROPSCIENCE NV	BCS11-2008	TARGETED GENOME ENGINEERING IN COTTON	TR	12729391.8	20120530	2718443	2718443	20171129	20320530
1344	BAYER CROPSCIENCE NV	BCS11-2008	TARGETED GENOME ENGINEERING IN COTTON	US	14/122283	20120530	20140172770			20320530
1345	BAYER CROPSCIENCE NV	BCS11-2008	TARGETED GENOME ENGINEERING IN COTTON	ZA	2013/08555	20120530		2013/08555	20150225	20320530
1346	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	AR	P120103077	20120822				20320822
1347	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	AR	P160102092	20160711	105304			20320822
1348	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	AU	2012299691	20120814		2012299691	20150514	20320814
1349	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	AU	2013204310	20130412		2013204310	20151203	20320814
1350	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	BD	114/2014	20140420		1005513	20150218	20270822
1351	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	BD	221/2012	20120912		1005512	20150222	20270822
1352	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	BR	112014003919-4	20120814				20320814
1353	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	BR	122014004140-3	20140221				20320814
1354	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	CN	201280049574.7	20120814	103890181			20320814
1355	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	CN	201410204703.7	20120814	103981149			20320814
1356	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	CN	201710016005.0	20120814	107287234			20320814
1357	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	EP	12745981.8	20120814	2748323			20320814
1358	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	IN	201401151	20120814	1151/DELNP/2014			20320814
1359	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	MX	MX/a/2014/002119	20120814	2013/026740	346439	20170317	20320814
1360	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	MX	MX/a/2014/014028	20141118		348003	20170308	20320814
1361	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	PK	536/2012	20120813				20320813
1362	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	PK	68/2015	20150211				20320813
1363	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	US	14/201577	20140307	20140196182	9570496	20170606	20330826
1364	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	US	14/240500	20120814	20150167005			20320814
1365	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	ZA	2014/00879	20120814		2014/00879	20150226	20320814

1356	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	ZA	2014/07980	20141031		2014/07890	20150831	20320014
1367	BAYER CROPSCIENCE NV, CSIRO	BCS11-2013	FB6-LIKE PROMOTER IN COTTON	AU	2012232962	20120928		2012232962	20150813	20320928
1368	BAYER CROPSCIENCE NV, CSIRO	BCS11-2013	FB6-LIKE PROMOTER IN COTTON	US	13/630,119	20120928	2013-0081154	9163252	20151020	20330806
1404	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS12-2003	ALS DOUBLE LOCUS SINGLE MUTANTS	CA	2865571	20130226	2865571			20330226
1405	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS12-2003	ALS DOUBLE LOCUS SINGLE MUTANTS	EP	13705817.8	20130226	2820135			20330226
1406	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS12-2003	ALS DOUBLE LOCUS SINGLE MUTANTS	US	14/382101	20130226	2015/0089692			20330226
1407	BAYER CROPSCIENCE NV	BCS12-2004	TARGETED GENOME ENGINEERING IN PLANTS	AU	2013254857	20130422	AU2013254857			20330422
1408	BAYER CROPSCIENCE NV	BCS12-2004	TARGETED GENOME ENGINEERING IN PLANTS	BE	13717522.0	20130422	2841581	2841581	20171206	20330422
1409	BAYER CROPSCIENCE NV	BCS12-2004	TARGETED GENOME ENGINEERING IN PLANTS	BR	112014026203-9	20130422	BR112014026203-9			20330422
1410	BAYER CROPSCIENCE NV	BCS12-2004	TARGETED GENOME ENGINEERING IN PLANTS	CA	2871003	20130422	2871003			20330422
1411	BAYER CROPSCIENCE NV	BCS12-2004	TARGETED GENOME ENGINEERING IN PLANTS	CH	13717522.0	20130422	2841581	2841581	20171206	20330422
1412	BAYER CROPSCIENCE NV	BCS12-2004	TARGETED GENOME ENGINEERING IN PLANTS	CN	201380021999.2	20130422	104245940			20330422
1413	BAYER CROPSCIENCE NV	BCS12-2004	TARGETED GENOME ENGINEERING IN PLANTS	DE	13717522.0	20130422	2841581	502013030379.7	20171206	20330422
1414	BAYER CROPSCIENCE NV	BCS12-2004	TARGETED GENOME ENGINEERING IN PLANTS	EP	13717522.0	20130422	2841581	2841581	20171206	20330422
1415	BAYER CROPSCIENCE NV	BCS12-2004	TARGETED GENOME ENGINEERING IN PLANTS	FR	13717522.0	20130422	2841581	2841581	20171206	20330422
1416	BAYER CROPSCIENCE NV	BCS12-2004	TARGETED GENOME ENGINEERING IN PLANTS	GB	13717522.0	20130422	2841581	2841581	20171206	20330422
1417	BAYER CROPSCIENCE NV	BCS12-2004	TARGETED GENOME ENGINEERING IN PLANTS	IN	8310/DELNP/2014	20130422				20330422
1418	BAYER CROPSCIENCE NV	BCS12-2004	TARGETED GENOME ENGINEERING IN PLANTS	NL	13717522.0	20130422	2841581	2841581	20171206	20330422
1419	BAYER CROPSCIENCE NV	BCS12-2004	TARGETED GENOME ENGINEERING IN PLANTS	US	14394277	20130422	US20150184171A1			20330422
1420	BAYER CROPSCIENCE NV	BCS12-2012	ROD1 FROM SOYBEAN	BR	112015000058-4	20130704	BR112015000058-4			20330704
1421	BAYER CROPSCIENCE NV	BCS12-2012	ROD1 FROM SOYBEAN	CA	2878287	20130704	2878287			20330704
1422	BAYER CROPSCIENCE NV	BCS12-2012	ROD1 FROM SOYBEAN	US	14/409712	20130704	US2015-0322447-A1	9968041	20180515	20330816
1423	BAYER CROPSCIENCE NV	BCS12-2012	ROD1 FROM SOYBEAN	US	15/971053	20180504				20330704
1424	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS12-2016	POINT-OF-INTEREST DNA DETECTION	AR	P130103816	20131022	093086			20331022
1425	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS12-2016	POINT-OF-INTEREST DNA DETECTION	BO	00326-2013	20131022				20331022
1426	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS12-2016	POINT-OF-INTEREST DNA DETECTION	BR	112015008268-8	20131018	BR112015008268-8			20331018
1427	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS12-2016	POINT-OF-INTEREST DNA DETECTION	CA	2888720	20131018	2888720			20331018
1428	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS12-2016	POINT-OF-INTEREST DNA DETECTION	CO	15078129	20131018	880	AWAITED	20170911	20331018
1429	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS12-2016	POINT-OF-INTEREST DNA DETECTION	CO	NC2017/0010856	20171025				20331018
1430	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS12-2016	POINT-OF-INTEREST DNA DETECTION	EP	13760343.3	20131018	2909338			20331018
1431	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS12-2016	POINT-OF-INTEREST DNA DETECTION	PY	49759	20131022				20331022
1432	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS12-2016	POINT-OF-INTEREST DNA DETECTION	RU	2015119238	20131018	2015119238			20331018
1433	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS12-2016	POINT-OF-INTEREST DNA DETECTION	UA	201505034	20131018				20331018
1434	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS12-2016	POINT-OF-INTEREST DNA DETECTION	US	14/437394	20131018	2015/0267266			20331018
1435	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS12-2016	POINT-OF-INTEREST DNA DETECTION	UY	35093	20131022				20331022
1436	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS12-2016	POINT-OF-INTEREST DNA DETECTION	ZA	2015/02938	20131018				20331018
1437	BAYER CROPSCIENCE NV	BCS13-2002	DA1 MUTANTS FOR INCREASED TSW	AR	P140101497	20140407				20340407
1438	BAYER CROPSCIENCE NV	BCS13-2002	DA1 MUTANTS FOR INCREASED TSW	AU	2014247081	20140402	2014247081			20340402
1439	BAYER CROPSCIENCE NV	BCS13-2002	DA1 MUTANTS FOR INCREASED TSW	CA	2908516	20140402	2908516			20340402
1440	BAYER CROPSCIENCE NV	BCS13-2002	DA1 MUTANTS FOR INCREASED TSW	CL	201502924	20140402				20340402
1441	BAYER CROPSCIENCE NV	BCS13-2002	DA1 MUTANTS FOR INCREASED TSW	CN	201480020213.9	20140402	105073994			20340402
1442	BAYER CROPSCIENCE NV	BCS13-2002	DA1 MUTANTS FOR INCREASED TSW	EA	201591922	20140402				20340402
1443	BAYER CROPSCIENCE NV	BCS13-2002	DA1 MUTANTS FOR INCREASED TSW	EP	14714300.2	20140402	2981615			20340402
1444	BAYER CROPSCIENCE NV	BCS13-2002	DA1 MUTANTS FOR INCREASED TSW	IN	8827/DELNP/2015	20140402				20340402
1445	BAYER CROPSCIENCE NV	BCS13-2002	DA1 MUTANTS FOR INCREASED TSW	JP	2016-505812	20140402	2016523510			20340402
1446	BAYER CROPSCIENCE NV	BCS13-2002	DA1 MUTANTS FOR INCREASED TSW	UA	201510788	20140402				20340402
1447	BAYER CROPSCIENCE NV	BCS13-2002	DA1 MUTANTS FOR INCREASED TSW	US	14/782271	20140402	2016-0040180			20340402
1448	BAYER CROPSCIENCE NV	BCS13-2002	DA1 MUTANTS FOR INCREASED TSW	ZA	2015/07115	20140402				20340402
1449	BAYER CROPSCIENCE NV, TEXAS TECH UNIV	BCS13-2006	microRNA TARGETS IN TRANSGENES	AU	2014267397	20140513	2014267397			20340513
1450	BAYER CROPSCIENCE NV, TEXAS TECH UNIV	BCS13-2006	microRNA TARGETS IN TRANSGENES	BR	112015026686	20140513				20340513
1451	BAYER CROPSCIENCE NV, TEXAS TECH UNIV	BCS13-2006	microRNA TARGETS IN TRANSGENES	EP	14724713.4	20140513	2996484			20340513
1452	BAYER CROPSCIENCE NV, TEXAS TECH UNIV	BCS13-2006	microRNA TARGETS IN TRANSGENES	MX	MX/a/2015/015410	20140513	2015015410			20340513
1453	BAYER CROPSCIENCE NV, TEXAS TECH UNIV	BCS13-2006	microRNA TARGETS IN TRANSGENES	US	14/880181	20140513	US-20160108413	9873882	ZO180123	20340525
1454	BAYER CROPSCIENCE NV, TEXAS TECH UNIV	BCS13-2006	microRNA TARGETS IN TRANSGENES	ZA	2015/08098	20140513	2015/08098		20170125	20340513
1456	BAYER CROPSCIENCE LP, BAYER CROPSCIE	BCS13-2010	ALS W574L on A and on C genome	CA	2917762	20140710	2917762			20340710
1457	BAYER CROPSCIENCE LP, BAYER CROPSCIE	BCS13-2010	ALS W574L on A and on C genome	EP	14736862.5	20140710	3019617			20340710
1458	BAYER CROPSCIENCE LP, BAYER CROPSCIE	BCS13-2010	ALS W574L on A and on C genome	US	14/903745	20140710	US-2016-0160232			20340710
1459	BAYER CROPSCIENCE LP, BAYER CROPSCIE	BCS13-2013	ALS P197S AND W574L ON ALL ALS GENES	CA	2921775	20140820	2921775			20340820
1460	BAYER CROPSCIENCE LP, BAYER CROPSCIE	BCS13-2013	ALS P197S AND W574L ON ALL ALS GENES	EP	14753262.7	20140820	3036931			20340820
1461	BAYER CROPSCIENCE LP, BAYER CROPSCIE	BCS13-2013	ALS P197S AND W574L ON ALL ALS GENES	US	14/913020	20140820	US-20160208277			20340820

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1463	BAYER CROPSCIENCE NV, CSIRO	BCS13-2022	8K12 PROMOTER	AU	2014338940	20141022	2014338940			20341022
1464	BAYER CROPSCIENCE NV, CSIRO	BCS13-2022	8K12 PROMOTER	BR	1120160086465	20141022	1120160086465			20341022
1465	BAYER CROPSCIENCE NV, CSIRO	BCS13-2022	8K12 PROMOTER	EP	14787180.0	20141022	3060576			20341022
1466	BAYER CROPSCIENCE NV, CSIRO	BCS13-2022	8K12 PROMOTER	MX	MX/a/2016/004987	20141022	2016004987	will follow	20160502	20341022
1467	BAYER CROPSCIENCE NV, CSIRO	BCS13-2022	8K12 PROMOTER	US	15/031613	20141022	20160257970			20341022
1469	BAYER CROPSCIENCE NV, CSIRO	BCS13-2022	8K12 PROMOTER	ZA	2016/02593	20141022	201602593			20341022
1471	BAYER CROPSCIENCE LP, BAYER CROPSCIE	BCS13-2025	ALS D376E	CA	2932044	20141201	2932044			20341201
1472	BAYER CROPSCIENCE LP, BAYER CROPSCIE	BCS13-2025	ALS D376E	EP	14827378.6	20141201	3076783			20341201
1473	BAYER CROPSCIENCE LP, BAYER CROPSCIE	BCS13-2025	ALS D376E	US	15/100810	20141201	US 20160298129A1			20341201
1488	BAYER CROPSCIENCE NV	BCS142002	Optimized GFA for cotton	AU	2015233552	20150318	2015233552			20350318
1489	BAYER CROPSCIENCE NV	BCS142002	Optimized GFA for cotton	BR	1120160215184	20150318				20350318
1490	BAYER CROPSCIENCE NV	BCS142002	Optimized GFA for cotton	CN	201580015105.7	20150318	106133140			20350318
1491	BAYER CROPSCIENCE NV	BCS142002	Optimized GFA for cotton	EP	15711130.3	20150318	3119894			20350318
1492	BAYER CROPSCIENCE NV	BCS142002	Optimized GFA for cotton	IN	201617029714	20150318				20350318
1493	BAYER CROPSCIENCE NV	BCS142002	Optimized GFA for cotton	US	15/122485	20150318	US-2017-0073698-A1			20350318
1495	BAYER CROPSCIENCE NV	BCS142010	CHIMERIC FB8 PROMOTER	AU	2015335105	20151015	2015335105			20351015
1496	BAYER CROPSCIENCE NV	BCS142010	CHIMERIC FB8 PROMOTER	BR	1120170081520	20151015				20351015
1497	BAYER CROPSCIENCE NV	BCS142010	CHIMERIC FB8 PROMOTER	CN	201580056307.6	20151015	107075527			20351015
1498	BAYER CROPSCIENCE NV	BCS142010	CHIMERIC FB8 PROMOTER	EP	15780904.7	20151015	3209782			20351015
1499	BAYER CROPSCIENCE NV	BCS142010	CHIMERIC FB8 PROMOTER	IN	201717011769	20151015				20351015
1500	BAYER CROPSCIENCE NV	BCS142010	CHIMERIC FB8 PROMOTER	MX	MX/a/2017/004886	20151015	2017004886			20351015
1501	BAYER CROPSCIENCE NV	BCS142010	CHIMERIC FB8 PROMOTER	US	15/518777	20151015	US-2017-0247712-A1			20351015
1503	BAYER CROPSCIENCE NV	BCS142010	CHIMERIC FB8 PROMOTER	ZA	2017/02208	20151015				20351015
1522	BAYER CROPSCIENCE NV	BCS152004	FAD2-A1 AND FAD2-C2 KNOCK-OUT FOR HIGH OLEIC ACID	AU	2016256239	20160428	2016256239			20360428
1523	BAYER CROPSCIENCE NV	BCS152004	FAD2-A1 AND FAD2-C2 KNOCK-OUT FOR HIGH OLEIC ACID	CA	2983893	20160428	2983893			20360428
1524	BAYER CROPSCIENCE NV	BCS152004	FAD2-A1 AND FAD2-C2 KNOCK-OUT FOR HIGH OLEIC ACID	CN	201680024819.3	20160428	107624135			20360428
1525	BAYER CROPSCIENCE NV	BCS152004	FAD2-A1 AND FAD2-C2 KNOCK-OUT FOR HIGH OLEIC ACID	EP	16721747.0	20160428	3289370			20360428
1526	BAYER CROPSCIENCE NV	BCS152004	FAD2-A1 AND FAD2-C2 KNOCK-OUT FOR HIGH OLEIC ACID	US	15/570153	20160428				20360428
1528	BAYER CROPSCIENCE N.V.	BCS152008	BTG PROMOTER FROM COTTON	AP	AP/P/2018/010524	20160719				20360719
1529	BAYER CROPSCIENCE N.V.	BCS152008	BTG PROMOTER FROM COTTON	AU	2016335183	20160719				20360719
1530	BAYER CROPSCIENCE N.V.	BCS152008	BTG PROMOTER FROM COTTON	BR	1120180025874	20160719				20360719
1531	BAYER CROPSCIENCE N.V.	BCS152008	BTG PROMOTER FROM COTTON	CA	2994589	20160719				20360719
1532	BAYER CROPSCIENCE N.V.	BCS152008	BTG PROMOTER FROM COTTON	CN	201680043805.8	20160719	107849556			20360719
1533	BAYER CROPSCIENCE N.V.	BCS152008	BTG PROMOTER FROM COTTON	EP	16741007.5	20160719	3332010			20360719
1534	BAYER CROPSCIENCE N.V.	BCS152008	BTG PROMOTER FROM COTTON	IN	201817001925	20160719				20360719
1535	BAYER CROPSCIENCE N.V.	BCS152008	BTG PROMOTER FROM COTTON	MX	MX/a/2018/001408	20160719	MX/a/2018/001408			20360719
1536	BAYER CROPSCIENCE N.V.	BCS152008	BTG PROMOTER FROM COTTON	OA	1201800046	20160719				20360719
1537	BAYER CROPSCIENCE N.V.	BCS152008	BTG PROMOTER FROM COTTON	US	15/750695	20160719				20360719
1538	BAYER CROPSCIENCE N.V.	BCS152008	BTG PROMOTER FROM COTTON	ZA	2018/01535	20160719				20360719
1539	BAYER CROPSCIENCE NV	BCS152008	BTG PROMOTER FROM COTTON	AR	P160102401	20160805	105624			20360805
1540	BAYER CROPSCIENCE NV	BCS152008	BTG PROMOTER FROM COTTON	PK	442/2016	20160725				20360725
1541	BAYER CROPSCIENCE NV	BCS152008	BTG PROMOTER FROM COTTON	PY	90319/2016	20160805				20360805
1542	BAYER CROPSCIENCE NV	BCS152008	BTG PROMOTER FROM COTTON	UY	36846	20160805				20360805
1544	BAYER CROPSCIENCE NV	BCS152012	Brassica CKX5/CKX3 mutants	AU	2016338812	20161013				20361013
1545	BAYER CROPSCIENCE NV	BCS152012	Brassica CKX5/CKX3 mutants	BD	251/2016	20161013				20321013
1546	BAYER CROPSCIENCE NV	BCS152012	Brassica CKX5/CKX3 mutants	CA	3001932	20161013				20361013
1547	BAYER CROPSCIENCE NV	BCS152012	Brassica CKX5/CKX3 mutants	CL	201800950	20161013				20361013
1548	BAYER CROPSCIENCE NV	BCS152012	Brassica CKX5/CKX3 mutants	CN	201680060199.4	20161013				20361013
1549	BAYER CROPSCIENCE NV	BCS152012	Brassica CKX5/CKX3 mutants	EA	PCT/EP2016/074560	20161013				20361013
1550	BAYER CROPSCIENCE NV	BCS152012	Brassica CKX5/CKX3 mutants	EP	16781127.2	20161013				20361013
1551	BAYER CROPSCIENCE NV	BCS152012	Brassica CKX5/CKX3 mutants	IN	201817014055	20161013				20361013
1552	BAYER CROPSCIENCE NV	BCS152012	Brassica CKX5/CKX3 mutants	JP	awaited	20161013				20361013
1553	BAYER CROPSCIENCE NV	BCS152012	Brassica CKX5/CKX3 mutants	PK	626/2016	20161013				20361013
1554	BAYER CROPSCIENCE NV	BCS152012	Brassica CKX5/CKX3 mutants	UA	201806481	20161013				20361013
1555	BAYER CROPSCIENCE NV	BCS152012	Brassica CKX5/CKX3 mutants	US	15/768273	20161013				20361013
1557	BAYER CROPSCIENCE NV	BCS152012	Brassica CKX5/CKX3 mutants	ZA	2018/02203	20161013				20361013
1573	BAYER CROPSCIENCE NV	BCS162001	Penod13-4 Brassica	WO	PCT/EP2017/058208	20170406	2017/170310			20370406
1574	BAYER CROPSCIENCE NV	BCS162002	Penod10 Brassica	WO	PCT/EP2017/058214	20170406	2017/170312			20370406
1575	BAYER CROPSCIENCE NV	BCS162003	Pslp1 intron Brassica	WO	PCT/EP2017/058366	20170407	2017/170367			20370407
1576	BAYER CROPSCIENCE NV	BCS162004	PcruP2 Brassica	WO	PCT/EP2017/058360	20170407	2017/170366			20370407

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1577	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS162005	Enzymatic seed chipping	WO	PCT/EP2017/057438	20170329	2017/187818				20370329
1578	BAYER CROPSCIENCE NV	BCS162019	Agrobacterium-mediated genome editing by co-delivery of enzyme, gRNA and donor constructs on one T-DNA	AR	20170102820	20170922					20370922
1579	BAYER CROPSCIENCE NV	BCS162019	Agrobacterium-mediated genome editing by co-delivery of enzyme, gRNA and donor constructs on one T-DNA	PY	1771132	20170922					20370922
1580	BAYER CROPSCIENCE NV	BCS162019	Agrobacterium-mediated genome editing by co-delivery of enzyme, gRNA and donor constructs on one T-DNA	UY	37414	20170922					20370922
1581	BAYER CROPSCIENCE NV	BCS162019	Agrobacterium-mediated genome editing by co-delivery of enzyme, gRNA and donor constructs on one T-DNA	WO	PCT/EP2017/073658	20170919	2018/054911				20370919
1598	BAYER CROPSCIENCE NV	BIG082002	Processes and Vectors for Producing Transgenic Plants	AR	P010105662	20011205		033851	20081229	20211205	
1599	BAYER CROPSCIENCE NV	BIG082002	Processes and Vectors for Producing Transgenic Plants	AT	01999657.8	20011207		1339859	20080716	20211207	
1600	BAYER CROPSCIENCE NV	BIG082002	Processes and Vectors for Producing Transgenic Plants	BE	01999657.8	20011207		1339859	20080716	20211207	
1601	BAYER CROPSCIENCE NV	BIG082002	Processes and Vectors for Producing Transgenic Plants	CH	01999657.8	20011207		1339859	20080716	20211207	
1602	BAYER CROPSCIENCE NV	BIG082002	Processes and Vectors for Producing Transgenic Plants	DE	60134888.5	20011207		1339859	20080716	20211207	
1603	BAYER CROPSCIENCE NV	BIG082002	Processes and Vectors for Producing Transgenic Plants	DK	01999657.8	20011207		1339859	20080716	20211207	
1604	BAYER CROPSCIENCE NV	BIG082002	Processes and Vectors for Producing Transgenic Plants	EP	01999657.8	20011207	1339859	01999657.8	20080716	20211207	
1605	BAYER CROPSCIENCE NV	BIG082002	Processes and Vectors for Producing Transgenic Plants	ES	01999657.8	20011207		1339859	20080716	20211207	
1606	BAYER CROPSCIENCE NV	BIG082002	Processes and Vectors for Producing Transgenic Plants	FR	01999657.8	20011207		1339859	20080716	20211207	
1607	BAYER CROPSCIENCE NV	BIG082002	Processes and Vectors for Producing Transgenic Plants	GB	01999657.8	20011207		1339859	20080716	20211207	
1608	BAYER CROPSCIENCE NV	BIG082002	Processes and Vectors for Producing Transgenic Plants	IE	01999657.8	20011207		1339859	20080716	20211207	
1609	BAYER CROPSCIENCE NV	BIG082002	Processes and Vectors for Producing Transgenic Plants	IT	01999657.8	20011207		1339859	20080716	20211207	
1610	BAYER CROPSCIENCE NV	BIG082002	Processes and Vectors for Producing Transgenic Plants	NL	01999657.8	20011207		1339859	20080716	20211207	
1611	BAYER CROPSCIENCE NV	BIG082002	Processes and Vectors for Producing Transgenic Plants	US	10/416931	20011207	2004-0088764	7652194	20100126	20230518	
1612	BAYER CROPSCIENCE NV	BIG082013	Method of encoding information in nucleic acids of a genetically engineered organism	AU	2002236493	20011219		2002236493	20080724	20211219	
1613	BAYER CROPSCIENCE NV	BIG082013	Method of encoding information in nucleic acids of a genetically engineered organism	BE	01986901.5	20011219	1373531	1373531	20130724	20211219	
1614	BAYER CROPSCIENCE NV	BIG082013	Method of encoding information in nucleic acids of a genetically engineered organism	CA	2442022	20011219		2442022	20130611	20211219	
1615	BAYER CROPSCIENCE NV	BIG082013	Method of encoding information in nucleic acids of a genetically engineered organism	DE	60148182.8	20011219	1373531	1373531	20130724	20211219	
1616	BAYER CROPSCIENCE NV	BIG082013	Method of encoding information in nucleic acids of a genetically engineered organism	EP	01986901.5	20011219	1373531	1373531	20130724	20211219	
1617	BAYER CROPSCIENCE NV	BIG082013	Method of encoding information in nucleic acids of a genetically engineered organism	ES	01986901.5	20011219	1373531	1373531	20130724	20211219	
1618	BAYER CROPSCIENCE NV	BIG082013	Method of encoding information in nucleic acids of a genetically engineered organism	FR	01986901.5	20011219	1373531	1373531	20130724	20211219	
1619	BAYER CROPSCIENCE NV	BIG082013	Method of encoding information in nucleic acids of a genetically engineered organism	GB	01986901.5	20011219	1373531	1373531	20130724	20211219	
1620	BAYER CROPSCIENCE NV	BIG082013	Method of encoding information in nucleic acids of a genetically engineered organism	NL	01986901.5	20011219	1373531	1373531	20130724	20211219	
1621	BAYER CROPSCIENCE NV	BIG082013	Method of encoding information in nucleic acids of a genetically engineered organism	US	10/471960	20011219	2004-191788	7667091	20100223	20240823	
1622	BAYER CROPSCIENCE NV	BIG082024	Process of producing environmentally safe transgenic organisms	AT	02748684.4	20020429		1499734	20090729	20220429	
1623	BAYER CROPSCIENCE NV	BIG082024	Process of producing environmentally safe transgenic organisms	AU	2002319157	20020429		2002319157	20080417	20220429	
1624	BAYER CROPSCIENCE NV	BIG082024	Process of producing environmentally safe transgenic organisms	BE	02748684.4	20020429		1499734	20090729	20220429	
1625	BAYER CROPSCIENCE NV	BIG082024	Process of producing environmentally safe transgenic organisms	CA	2484900	20020429		2484900	20140715	20220429	
1626	BAYER CROPSCIENCE NV	BIG082024	Process of producing environmentally safe transgenic organisms	CH	02748684.4	20020429		1499734	20090729	20220429	
1627	BAYER CROPSCIENCE NV	BIG082024	Process of producing environmentally safe transgenic organisms	DE	60233168.2	20020429		1499734	20090729	20220429	
1628	BAYER CROPSCIENCE NV	BIG082024	Process of producing environmentally safe transgenic organisms	DK	02748684.4	20020429		1499734	20090729	20220429	
1629	BAYER CROPSCIENCE NV	BIG082024	Process of producing environmentally safe transgenic organisms	EP	02748684.4	20020429	1499734	02748684.4	20090729	20220429	
1630	BAYER CROPSCIENCE NV	BIG082024	Process of producing environmentally safe transgenic organisms	ES	02748684.4	20020429		1499734	20090729	20220429	
1631	BAYER CROPSCIENCE NV	BIG082024	Process of producing environmentally safe transgenic organisms	FR	02748684.4	20020429		1499734	20090729	20220429	
1632	BAYER CROPSCIENCE NV	BIG082024	Process of producing environmentally safe transgenic organisms	GB	02748684.4	20020429		1499734	20090729	20220429	
1633	BAYER CROPSCIENCE NV	BIG082024	Process of producing environmentally safe transgenic organisms	IE	02748684.4	20020429		1499734	20090729	20220429	
1634	BAYER CROPSCIENCE NV	BIG082024	Process of producing environmentally safe transgenic organisms	IT	02748684.4	20020429		1499734	20090729	20220429	
1635	BAYER CROPSCIENCE NV	BIG082024	Process of producing environmentally safe transgenic organisms	JP	592714-2002	20020429	522181-2005	4518741	20100528	20220429	
1636	BAYER CROPSCIENCE NV	BIG082024	Process of producing environmentally safe transgenic organisms	MX	MX/a/2004/010800	20020429		267844	20090629	20220429	
1637	BAYER CROPSCIENCE NV	BIG082024	Process of producing environmentally safe transgenic organisms	NL	02748684.4	20020429		1499734	20090729	20220429	
1638	BAYER CROPSCIENCE NV	BIG082024	Process of producing environmentally safe transgenic organisms	US	10/512878	20020429		7932981	20091215	20230722	
1639	BAYER CROPSCIENCE NV	BIG082026	Transgenic plants with controlled distribution of a trait to progeny	AU	2003226693	20030321		2003226693	20080605	20230321	
1640	BAYER CROPSCIENCE NV	BIG082026	Transgenic plants with controlled distribution of a trait to progeny	BE	03755923.4	20030321	1509610	1509610	20120523	20230321	
1641	BAYER CROPSCIENCE NV	BIG082026	Transgenic plants with controlled distribution of a trait to progeny	CA	2483145	20030321		2483145	20130528	20230321	
1642	BAYER CROPSCIENCE NV	BIG082026	Transgenic plants with controlled distribution of a trait to progeny	CH	03755923.4	20030321	1509610	1509610	20120523	20230321	
1643	BAYER CROPSCIENCE NV	BIG082026	Transgenic plants with controlled distribution of a trait to progeny	CZ	03755923.4	20030321	1509610	1509610	20120523	20230321	
1644	BAYER CROPSCIENCE NV	BIG082026	Transgenic plants with controlled distribution of a trait to progeny	DE	03755923.4	20030321	1509610	1509610	20120523	20230321	
1645	BAYER CROPSCIENCE NV	BIG082026	Transgenic plants with controlled distribution of a trait to progeny	DK	03755923.4	20030321	1509610	1509610	20120523	20230321	
1646	BAYER CROPSCIENCE NV	BIG082026	Transgenic plants with controlled distribution of a trait to progeny	EP	03755923.4	20030321	1509610	1509610	20120523	20230321	
1647	BAYER CROPSCIENCE NV	BIG082026	Transgenic plants with controlled distribution of a trait to progeny	ES	03755923.4	20030321	1509610	1509610	20120523	20230321	
1648	BAYER CROPSCIENCE NV	BIG082026	Transgenic plants with controlled distribution of a trait to progeny	FR	03755923.4	20030321	1509610	1509610	20120523	20230321	
1649	BAYER CROPSCIENCE NV	BIG082026	Transgenic plants with controlled distribution of a trait to progeny	GB	03755923.4	20030321	1509610	1509610	20120523	20230321	
1650	BAYER CROPSCIENCE NV	BIG082026	Transgenic plants with controlled distribution of a trait to progeny	IT	03755923.4	20030321	1509610	1509610	20120523	20230321	
1651	BAYER CROPSCIENCE NV	BIG082026	Transgenic plants with controlled distribution of a trait to progeny	JP	510434-2004	20030331	536990-2005	4503582	20101006	20230321	
1652	BAYER CROPSCIENCE NV	BIG082026	Transgenic plants with controlled distribution of a trait to progeny	MX	MX/a/2004/010443	20030321		283470	20110126	20230321	

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1653	BAYER CROPSCIENCE NV	BIG082026	Transgenic plants with controlled distribution of a trait to progeny	NL	03755923.4	20030321	1509610	1509610	20120523	20230321
1654	BAYER CROPSCIENCE NV	BIG082026	Transgenic plants with controlled distribution of a trait to progeny	SE	03755923.4	20030321	1509610	1509610	20120523	20230321
1655	BAYER CROPSCIENCE NV	BIG082026	Transgenic plants with controlled distribution of a trait to progeny	US	10/514905	20030321	2005-172353	7642404	20100105	20241106
1656	BAYER CROPSCIENCE NV	BIG082026	Transgenic plants with controlled distribution of a trait to progeny	US	12/821765	20091119	2010-0138946	8193416	20120605	20230321
1657	BAYER CROPSCIENCE NV	BIG082026	Transgenic plants with controlled distribution of a trait to progeny	US	13/470812	20120514	20130024098	9604281	20131210	20230321
1658	BAYER CROPSCIENCE NV	BIG082031	Plant transformation with in vivo assembly of a sequence of interest	AT	04706831.1	20040130		1590464	20091125	20240130
1659	BAYER CROPSCIENCE NV	BIG082031	Plant transformation with in vivo assembly of a sequence of interest	AU	2004207178	20040130		2004207178	20080522	20240130
1660	BAYER CROPSCIENCE NV	BIG082031	Plant transformation with in vivo assembly of a sequence of interest	BE	04706831.1	20040130		1590464	20091125	20240130
1661	BAYER CROPSCIENCE NV	BIG082031	Plant transformation with in vivo assembly of a sequence of interest	CA	2513394	20040130		2513394	20140513	20240130
1662	BAYER CROPSCIENCE NV	BIG082031	Plant transformation with in vivo assembly of a sequence of interest	CH	04706831.1	20040130		1590464	20091125	20240130
1663	BAYER CROPSCIENCE NV	BIG082031	Plant transformation with in vivo assembly of a sequence of interest	DE	602004024284.5	20040130		1590464	20091125	20240130
1664	BAYER CROPSCIENCE NV	BIG082031	Plant transformation with in vivo assembly of a sequence of interest	DK	04706831.1	20040130		1590464	20091125	20240130
1665	BAYER CROPSCIENCE NV	BIG082031	Plant transformation with in vivo assembly of a sequence of interest	ES	04706831.1	20040130		1590464	20091125	20240130
1666	BAYER CROPSCIENCE NV	BIG082031	Plant transformation with in vivo assembly of a sequence of interest	FR	04706831.1	20040130		1590464	20091125	20240130
1667	BAYER CROPSCIENCE NV	BIG082031	Plant transformation with in vivo assembly of a sequence of interest	GB	04706831.1	20040130		1590464	20091125	20240130
1668	BAYER CROPSCIENCE NV	BIG082031	Plant transformation with in vivo assembly of a sequence of interest	IE	04706831.1	20040130		1590464	20091125	20240130
1669	BAYER CROPSCIENCE NV	BIG082031	Plant transformation with in vivo assembly of a sequence of interest	IT	04706831.1	20040130		1590464	20091125	20240130
1670	BAYER CROPSCIENCE NV	BIG082031	Plant transformation with in vivo assembly of a sequence of interest	NL	04706831.1	20040130		1590464	20091125	20240130
1671	BAYER CROPSCIENCE NV	BIG082031	Plant transformation with in vivo assembly of a sequence of interest	SE	04706831.1	20040130		1590464	20091125	20240130
1672	BAYER CROPSCIENCE NV	BIG082031	Plant transformation with in vivo assembly of a sequence of interest	US	10/544135	20040130	2009-0265814	9228192	20160105	20300212
1673	BAYER CROPSCIENCE NV	BIG082031	Plant transformation with in vivo assembly of a sequence of interest	US	14/950841	20151124	2016/0145632			20240130
1674	BAYER CROPSCIENCE NV	BIG082034	Plant transformation with in vivo assembly of a trait	AT	04706837.8	20040130		1587932	20090325	20240130
1675	BAYER CROPSCIENCE NV	BIG082034	Plant transformation with in vivo assembly of a trait	AU	2004207177	20040130		2004207177	20080123	20240130
1676	BAYER CROPSCIENCE NV	BIG082034	Plant transformation with in vivo assembly of a trait	BE	04706837.8	20040130		1587932	20090325	20240130
1677	BAYER CROPSCIENCE NV	BIG082034	Plant transformation with in vivo assembly of a trait	CA	2513311	20040130		2513311	20121127	20240130
1678	BAYER CROPSCIENCE NV	BIG082034	Plant transformation with in vivo assembly of a trait	CH	04706837.8	20040130		1587932	20090325	20240130
1679	BAYER CROPSCIENCE NV	BIG082034	Plant transformation with in vivo assembly of a trait	DE	602004020180.4	20040130		1587932	20090325	20240130
1680	BAYER CROPSCIENCE NV	BIG082034	Plant transformation with in vivo assembly of a trait	DK	04706837.8	20040130		1587932	20090325	20240130
1681	BAYER CROPSCIENCE NV	BIG082034	Plant transformation with in vivo assembly of a trait	EP	04706837.8	20040130	1587932	1587932	20090325	20240130
1682	BAYER CROPSCIENCE NV	BIG082034	Plant transformation with in vivo assembly of a trait	ES	04706837.8	20040130		1587932	20090325	20240130
1683	BAYER CROPSCIENCE NV	BIG082034	Plant transformation with in vivo assembly of a trait	FR	04706837.8	20040130		1587932	20090325	20240130
1684	BAYER CROPSCIENCE NV	BIG082034	Plant transformation with in vivo assembly of a trait	GB	04706837.8	20040130		1587932	20090325	20240130
1685	BAYER CROPSCIENCE NV	BIG082034	Plant transformation with in vivo assembly of a trait	IE	04706837.8	20040130		1587932	20090325	20240130
1686	BAYER CROPSCIENCE NV	BIG082034	Plant transformation with in vivo assembly of a trait	IT	04706837.8	20040130		1587932	20090325	20240130
1687	BAYER CROPSCIENCE NV	BIG082034	Plant transformation with in vivo assembly of a trait	NL	04706837.8	20040130		1587932	20090325	20240130
1688	BAYER CROPSCIENCE NV	BIG082034	Plant transformation with in vivo assembly of a trait	US	10/545665	20040130	2007-0124631	9856484	20180102	20270608
1689	BAYER CROPSCIENCE NV	BT2-PL	TRUNCATED BT GENES IN PLANTS	CA	499803	19980117		1341830	20120605	20290605
1690	BAYER CROPSCIENCE NV	CORSPE	CORN ROOT PREFERENTIAL PROMOTERS	US	10/623500	20030722	20040132945	7205454	20070417	20250109
1691	BAYER CROPSCIENCE NV	CORSPE	CORN ROOT PREFERENTIAL PROMOTERS	US	11/715375	20070308	20070174938	7554005	20090630	20220803
1692	BAYER CROPSCIENCE NV	CRWISP	BREVIBACILLUS LATEROSPORUS ISP1A/2A TOXINS	AR	P010102359	20010518		032332	20090330	20210518
1693	BAYER CROPSCIENCE NV	CRWISP	BREVIBACILLUS LATEROSPORUS ISP1A/2A TOXINS	BR	PI0110867-0	20010517	PI0110867-0	PI0110867-0	20180403	20280403
1694	BAYER CROPSCIENCE NV	CRWISP	BREVIBACILLUS LATEROSPORUS ISP1A/2A TOXINS	CA	2409031	20010517		2409031	20130115	20210517
1695	BAYER CROPSCIENCE NV	CRWISP	BREVIBACILLUS LATEROSPORUS ISP1A/2A TOXINS	CN	01809679.4	20010517	1432085	01809679.4	20090618	20210517
1696	BAYER CROPSCIENCE NV	CRWISP	BREVIBACILLUS LATEROSPORUS ISP1A/2A TOXINS	CN	200910136273.1	20090531	101591380	200910136273.1	20130814	20210517
1697	BAYER CROPSCIENCE NV	CRWISP	BREVIBACILLUS LATEROSPORUS ISP1A/2A TOXINS	DE	60129554.4-08	20010517	1287144	1287144	20070725	20210517
1698	BAYER CROPSCIENCE NV	CRWISP	BREVIBACILLUS LATEROSPORUS ISP1A/2A TOXINS	FR	01949352.7	20010517	1287144	1287144	20070725	20210517
1699	BAYER CROPSCIENCE NV	CRWISP	BREVIBACILLUS LATEROSPORUS ISP1A/2A TOXINS	GB	01949352.7	20010517	1287144	1287144	20070725	20210517
1700	BAYER CROPSCIENCE NV	CRWISP	BREVIBACILLUS LATEROSPORUS ISP1A/2A TOXINS	IN	200202032	20010517		254179	20120927	20210517
1701	BAYER CROPSCIENCE NV	CRWISP	BREVIBACILLUS LATEROSPORUS ISP1A/2A TOXINS	JP	2001-585150	20010517	2009-533214	5054267	20120803	20210517
1702	BAYER CROPSCIENCE NV	CRWISP	BREVIBACILLUS LATEROSPORUS ISP1A/2A TOXINS	MY	PI20012372	20010518		MY-137256-A	20090130	20240130
1703	BAYER CROPSCIENCE NV	CRWISP	BREVIBACILLUS LATEROSPORUS ISP1A/2A TOXINS	PH	1-2001-01227	20010521	awaited	1-2001-01227	20091204	20210521
1704	BAYER CROPSCIENCE NV	CRWISP	BREVIBACILLUS LATEROSPORUS ISP1A/2A TOXINS	US	09/859525	20010517	20020199215	6706860	20040318	20210517
1705	BAYER CROPSCIENCE NV	CRWISP	BREVIBACILLUS LATEROSPORUS ISP1A/2A TOXINS	US	10/862915	20031014	20040221333	7091399	20060815	20210517
1706	BAYER CROPSCIENCE NV	CRWISP	BREVIBACILLUS LATEROSPORUS ISP1A/2A TOXINS	US	11/503355	20060810	2007/0056081	7919609	20110405	20210517
1707	BAYER CROPSCIENCE NV	FKOSAT	SVISS TECHNOLOGY	AT	00922647.3	20000417	1173594	1173594	20081029	20200417
1708	BAYER CROPSCIENCE NV	FKOSAT	SVISS TECHNOLOGY	AU	42985/00	20000417		775188	20040722	20200417
1709	BAYER CROPSCIENCE NV	FKOSAT	SVISS TECHNOLOGY	BE	00922647.3	20000417	1173594	1173594	20081029	20200417
1710	BAYER CROPSCIENCE NV	FKOSAT	SVISS TECHNOLOGY	CA	2370915	20000417		2370915	20110809	20200417
1711	BAYER CROPSCIENCE NV	FKOSAT	SVISS TECHNOLOGY	CH	00922647.3	20000417	1173594	1173594	20081029	20200417
1712	BAYER CROPSCIENCE NV	FKOSAT	SVISS TECHNOLOGY	DE	600 40 856.3-08	20000417	1173594	1173594	20081029	20200417

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1713	BAYER CROPSCIENCE NV	FKOSAT	SVISS TECHNOLOGY	DK	00922847.3	20000417	1173594	1173594	20081029	20200417
1714	BAYER CROPSCIENCE NV	FKOSAT	SVISS TECHNOLOGY	ES	00922847.3	20000417	1173594	1173594	20081029	20200417
1715	BAYER CROPSCIENCE NV	FKOSAT	SVISS TECHNOLOGY	FR	00922847.3	20000417	1173594	1173594	20081029	20200417
1716	BAYER CROPSCIENCE NV	FKOSAT	SVISS TECHNOLOGY	GB	00922847.3	20000417	1173594	1173594	20081029	20200417
1717	BAYER CROPSCIENCE NV	FKOSAT	SVISS TECHNOLOGY	IT	00922847.3	20000417	1173594	1173594	20081029	20200417
1718	BAYER CROPSCIENCE NV	FKOSAT	SVISS TECHNOLOGY	NL	00922847.3	20000417	1173594	1173594	20081029	20200417
1719	BAYER CROPSCIENCE NV	FKOSAT	SVISS TECHNOLOGY	US	09/551494	20000418		7148400	20061212	20200418
1720	BAYER CROPSCIENCE NV	ISP3BT	NEW ISP3 PROTEINS FOR LEPIDOPTERA CONTROL	US	11/892796	20070827	20080125368	7745700	20100629	20230816
1721	BAYER CROPSCIENCE NV	MOD1AB	MODIFIED Cry1Ab GENE FOR CORN	AR	P030101573	20030505	039968	039968	20100630	20230505
1722	BAYER CROPSCIENCE NV	MOD1AB	MODIFIED Cry1Ab GENE FOR CORN	AT	03722597.6	20030429	1504104	1504104	20090812	20230429
1723	BAYER CROPSCIENCE NV	MOD1AB	MODIFIED Cry1Ab GENE FOR CORN	AU	2003229776	20030429		2003229776	20080821	20230429
1724	BAYER CROPSCIENCE NV	MOD1AB	MODIFIED Cry1Ab GENE FOR CORN	BE	03722597.6	20030429	1504104	1504104	20090812	20230429
1725	BAYER CROPSCIENCE NV	MOD1AB	MODIFIED Cry1Ab GENE FOR CORN	BG	03722597.6	20030429	1504104	1504104	20090812	20230429
1726	BAYER CROPSCIENCE NV	MOD1AB	MODIFIED Cry1Ab GENE FOR CORN	BR	PI0309865-8	20030429	PI0309865-8	PI0309865-8	20150818	20250818
1727	BAYER CROPSCIENCE NV	MOD1AB	MODIFIED Cry1Ab GENE FOR CORN	CH	03722597.6	20030429	1504104	1504104	20090812	20230429
1728	BAYER CROPSCIENCE NV	MOD1AB	MODIFIED Cry1Ab GENE FOR CORN	CN	03810038.X	20030429	1660018	03810038.X	20090828	20230429
1729	BAYER CROPSCIENCE NV	MOD1AB	MODIFIED Cry1Ab GENE FOR CORN	CZ	03722597.6	20030429	1504104	1504104	20090812	20230429
1730	BAYER CROPSCIENCE NV	MOD1AB	MODIFIED Cry1Ab GENE FOR CORN	DE	60328773.5-08	20030429	1504104	1504104	20090812	20230429
1731	BAYER CROPSCIENCE NV	MOD1AB	MODIFIED Cry1Ab GENE FOR CORN	DK	03722597.6	20030429	1504104	1504104	20090812	20230429
1732	BAYER CROPSCIENCE NV	MOD1AB	MODIFIED Cry1Ab GENE FOR CORN	EE	03722597.6	20030429	1504104	1504104	20090812	20230429
1733	BAYER CROPSCIENCE NV	MOD1AB	MODIFIED Cry1Ab GENE FOR CORN	ES	03722597.6	20030429	1504104	1504104	20090812	20230429
1734	BAYER CROPSCIENCE NV	MOD1AB	MODIFIED Cry1Ab GENE FOR CORN	FI	03722597.6	20030429	1504104	1504104	20090812	20230429
1735	BAYER CROPSCIENCE NV	MOD1AB	MODIFIED Cry1Ab GENE FOR CORN	FR	03722597.6	20030429	1504104	1504104	20090812	20230429
1736	BAYER CROPSCIENCE NV	MOD1AB	MODIFIED Cry1Ab GENE FOR CORN	GB	03722597.6	20030429	1504104	1504104	20090812	20230429
1737	BAYER CROPSCIENCE NV	MOD1AB	MODIFIED Cry1Ab GENE FOR CORN	GR	03722597.6	20030429	1504104	1504104	20090812	20230429
1738	BAYER CROPSCIENCE NV	MOD1AB	MODIFIED Cry1Ab GENE FOR CORN	HU	03722597.6	20030429	1504104	1504104	20090812	20230429
1739	BAYER CROPSCIENCE NV	MOD1AB	MODIFIED Cry1Ab GENE FOR CORN	ID	200402705	20030429	042493	0022839	20090213	20230429
1740	BAYER CROPSCIENCE NV	MOD1AB	MODIFIED Cry1Ab GENE FOR CORN	IE	03722597.6	20030429	1504104	1504104	20090812	20230429
1741	BAYER CROPSCIENCE NV	MOD1AB	MODIFIED Cry1Ab GENE FOR CORN	IN	200402710	20030429		209807	20070906	20230429
1742	BAYER CROPSCIENCE NV	MOD1AB	MODIFIED Cry1Ab GENE FOR CORN	IT	03722597.6	20030429	1504104	1504104	20090812	20230429
1743	BAYER CROPSCIENCE NV	MOD1AB	MODIFIED Cry1Ab GENE FOR CORN	LU	03722597.6	20030429	1504104	1504104	20090812	20230429
1744	BAYER CROPSCIENCE NV	MOD1AB	MODIFIED Cry1Ab GENE FOR CORN	MC	03722597.6	20030429	1504104	1504104	20090812	20230429
1745	BAYER CROPSCIENCE NV	MOD1AB	MODIFIED Cry1Ab GENE FOR CORN	MX	MX/a/2004/010770	20030429	PA04010770	265587	20080401	20230429
1746	BAYER CROPSCIENCE NV	MOD1AB	MODIFIED Cry1Ab GENE FOR CORN	NL	03722597.6	20030429	1504104	1504104	20090812	20230429
1747	BAYER CROPSCIENCE NV	MOD1AB	MODIFIED Cry1Ab GENE FOR CORN	PH	1-2004-501716	20030429	Date of WO	1-2004-501716	20091105	20230429
1748	BAYER CROPSCIENCE NV	MOD1AB	MODIFIED Cry1Ab GENE FOR CORN	PT	03722597.6	20030429	1504104	1504104	20090812	20230429
1749	BAYER CROPSCIENCE NV	MOD1AB	MODIFIED Cry1Ab GENE FOR CORN	RO	03722597.6	20030429	1504104	1504104	20090812	20230429
1750	BAYER CROPSCIENCE NV	MOD1AB	MODIFIED Cry1Ab GENE FOR CORN	SE	03722597.6	20030429	1504104	1504104	20090812	20230429
1751	BAYER CROPSCIENCE NV	MOD1AB	MODIFIED Cry1Ab GENE FOR CORN	SI	03722597.6	20030429	1504104	1504104	20090812	20230429
1752	BAYER CROPSCIENCE NV	MOD1AB	MODIFIED Cry1Ab GENE FOR CORN	SK	03722597.6	20030429	1504104	1504104	20090812	20230429
1753	BAYER CROPSCIENCE NV	MOD1AB	MODIFIED Cry1Ab GENE FOR CORN	TR	03722597.6	20030429	1504104	1504104	20090812	20230429
1754	BAYER CROPSCIENCE NV	MOD1AB	MODIFIED Cry1Ab GENE FOR CORN	US	10/429096	20030505	20030226171	7049491	20060523	20230708
1755	BAYER CROPSCIENCE NV	MOD1AB	MODIFIED Cry1Ab GENE FOR CORN	VN	1-2004-01261	20030429	10482	6491	20070803	20230429
1756	BAYER CROPSCIENCE NV	MOD1AB	MODIFIED Cry1Ab GENE FOR CORN	ZA	2004/8707	20030429		2004/8707	20060125	20230429
1757	BAYER CROPSCIENCE NV	NEW2AS	Cry2Ae, Cry2Af, Cry2Ag BT PROTEINS/GENES	AR	P020100051	20020108	AR032231	032231	20141229	20220109
1758	BAYER CROPSCIENCE NV	NEW2AS	Cry3Ae, Cry2Af, Cry2Ag BT PROTEINS/GENES	AT	02722023.5	20020108	1352068	1352068	20080924	20220108
1759	BAYER CROPSCIENCE NV	NEW2AS	Cry3Ae, Cry2Af, Cry2Ag BT PROTEINS/GENES	AU	2002252974	20020108	02057664	2002252974	20070329	20220108
1760	BAYER CROPSCIENCE NV	NEW2AS	Cry3Ae, Cry2Af, Cry2Ag BT PROTEINS/GENES	BE	02722023.5	20020108	1352068	1352068	20080924	20220108
1761	BAYER CROPSCIENCE NV	NEW2AS	Cry2Ae, Cry2Af, Cry2Ag BT PROTEINS/GENES	BR	1220150003517-1	20150210				20220108
1762	BAYER CROPSCIENCE NV	NEW2AS	Cry2Ae, Cry2Af, Cry2Ag BT PROTEINS/GENES	BR	PI0206340-8	20020108	200206340	PI0206340-8	20180403	20220403
1763	BAYER CROPSCIENCE NV	NEW2AS	Cry2Ae, Cry2Af, Cry2Ag BT PROTEINS/GENES	CA	2433817	20020108	02057664	2433817	20120522	20220108
1764	BAYER CROPSCIENCE NV	NEW2AS	Cry2Ae, Cry2Af, Cry2Ag BT PROTEINS/GENES	CA	2771117	20120306		2771117	20150317	20220108
1765	BAYER CROPSCIENCE NV	NEW2AS	Cry2Ae, Cry2Af, Cry2Ag BT PROTEINS/GENES	CH	02722023.5	20020108	1352068	1352068	20080924	20220108
1766	BAYER CROPSCIENCE NV	NEW2AS	Cry2Ae, Cry2Af, Cry2Ag BT PROTEINS/GENES	CH	08075814.1	20020108	1988099	EP1988099	20121114	20220108
1767	BAYER CROPSCIENCE NV	NEW2AS	Cry2Ae, Cry2Af, Cry2Ag BT PROTEINS/GENES	CN	02803567.4	20020108	1454702	02803567.4	20080109	20220108
1768	BAYER CROPSCIENCE NV	NEW2AS	Cry2Ae, Cry2Af, Cry2Ag BT PROTEINS/GENES	DE	60229037.8-08	20020108	1352068	1352068	20080924	20220108
1769	BAYER CROPSCIENCE NV	NEW2AS	Cry2Ae, Cry2Af, Cry2Ag BT PROTEINS/GENES	DE	60244000.2	20020108	1988099	1988099	20121114	20220108
1770	BAYER CROPSCIENCE NV	NEW2AS	Cry2Ae, Cry2Af, Cry2Ag BT PROTEINS/GENES	ES	02722023.5	20020108	1352068	1352068	20080924	20220108
1771	BAYER CROPSCIENCE NV	NEW2AS	Cry2Ae, Cry2Af, Cry2Ag BT PROTEINS/GENES	ES	08075814.1	20020108	1988099	1988099	20121114	20220108
1772	BAYER CROPSCIENCE NV	NEW2AS	Cry2Ae, Cry2Af, Cry2Ag BT PROTEINS/GENES	FR	02722023.5	20020108	1352068	1352068	20080924	20220108

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1773	BAYER CROPSCIENCE NV	NEW2AS	Cry2Ac, Cry2Af, Cry2Ag BT PROTEINS/GENES	FR	08075814.1	20020108	1988099	1988099	20121114	20220108
1774	BAYER CROPSCIENCE NV	NEW2AS	Cry2Ac, Cry2Af, Cry2Ag BT PROTEINS/GENES	GB	02722023.5	20020108	1352068	1352068	20080924	20220108
1775	BAYER CROPSCIENCE NV	NEW2AS	Cry2Ac, Cry2Af, Cry2Ag BT PROTEINS/GENES	GB	08075814.1	20020108	1988099	1988099	20121114	20220108
1776	BAYER CROPSCIENCE NV	NEW2AS	Cry2Ac, Cry2Af, Cry2Ag BT PROTEINS/GENES	GR	02722023.5	20020108	1352068	1352068	20080924	20220108
1777	BAYER CROPSCIENCE NV	NEW2AS	Cry2Ac, Cry2Af, Cry2Ag BT PROTEINS/GENES	IN	2003/01073	20020108		227434	20090107	20220108
1778	BAYER CROPSCIENCE NV	NEW2AS	Cry2Ac, Cry2Af, Cry2Ag BT PROTEINS/GENES	IT	02722023.5	20020108	1352068	1352068	20080924	20220108
1779	BAYER CROPSCIENCE NV	NEW2AS	Cry2Ac, Cry2Af, Cry2Ag BT PROTEINS/GENES	JP	2002-557703	20020108	2004-522437	4404548	20091113	20220108
1780	BAYER CROPSCIENCE NV	NEW2AS	Cry2Ac, Cry2Af, Cry2Ag BT PROTEINS/GENES	MK	02722023.5	20020108	1352068	1352068	20080924	20220108
1781	BAYER CROPSCIENCE NV	NEW2AS	Cry2Ac, Cry2Af, Cry2Ag BT PROTEINS/GENES	MX	MX/a/2003/008130	20020108	PA03008130	267590	20090816	20220108
1782	BAYER CROPSCIENCE NV	NEW2AS	Cry2Ac, Cry2Af, Cry2Ag BT PROTEINS/GENES	NL	02722023.5	20020108	1352068	1352068	20080924	20220108
1783	BAYER CROPSCIENCE NV	NEW2AS	Cry2Ac, Cry2Af, Cry2Ag BT PROTEINS/GENES	PT	02722023.5	20020108	1352068	1352068	20080924	20220108
1784	BAYER CROPSCIENCE NV	NEW2AS	Cry2Ac, Cry2Af, Cry2Ag BT PROTEINS/GENES	PT	08075814.1	20020108	1988099	1988099	20121114	20220108
1785	BAYER CROPSCIENCE NV	NEW2AS	Cry2Ac, Cry2Af, Cry2Ag BT PROTEINS/GENES	RO	02722023.5	20020108	1352068	1352068	20080924	20220108
1786	BAYER CROPSCIENCE NV	NEW2AS	Cry2Ac, Cry2Af, Cry2Ag BT PROTEINS/GENES	SI	02722023.5	20020108	1352068	1352068	20080924	20220108
1787	BAYER CROPSCIENCE NV	NEW2AS	Cry2Ac, Cry2Af, Cry2Ag BT PROTEINS/GENES	TR	02722023.5	20020108	1352068	1352068	20080924	20220108
1788	BAYER CROPSCIENCE NV	NEW2AS	Cry2Ac, Cry2Af, Cry2Ag BT PROTEINS/GENES	US	10/040996	20020109	20030167517	7244830	20070717	20230114
1789	BAYER CROPSCIENCE NV	NEW2AS	Cry2Ac, Cry2Af, Cry2Ag BT PROTEINS/GENES	US	11/098545	20050405	20050216971	7285269	20070904	20220116
1790	BAYER CROPSCIENCE NV	NEW2AS	Cry2Ac, Cry2Af, Cry2Ag BT PROTEINS/GENES	US	12/888815	20100923	20110041213	8473972	20120508	20220109
1791	BAYER CROPSCIENCE NV	NEW2AS	Cry2Ac, Cry2Af, Cry2Ag BT PROTEINS/GENES	US	15/048856	20160219	20160249625			20220106
1792	BAYER CROPSCIENCE NV	NEWBTS	Cry9Fa, Cry1Jd, Cry1Bl BT PROTEINS/GENES	US	10/814524	20030709	20040016020	7169971	20070130	20210803
1793	BAYER CROPSCIENCE NV	NEWBTS	Cry9Fa, Cry1Jd, Cry1Bl BT PROTEINS/GENES	US	11/600831	20061117	20070074308	7361806	20080422	20201219
1794	BAYER CROPSCIENCE NV	NEWBTS	Cry9Fa, Cry1Jd, Cry1Bl BT PROTEINS/GENES	US	12/081208	20080411	2008-0193437	7964773	20110621	20201219
1795	BAYER CROPSCIENCE NV	NEWBTS	Cry9Fa, Cry1Jd, Cry1Bl BT PROTEINS/GENES	US	13/110712	20110601	20110277184	8299324	20121030	20201219
1796	BAYER CROPSCIENCE NV	NEWBTS	Cry9Fa, Cry1Jd, Cry1Bl BT PROTEINS/GENES	US	13/150780	20110601	20110277185	8198513	20120612	20201219
1797	BAYER CROPSCIENCE NV	PCDMOD	STRESS RESISTANCE BY PARP INHIBITION	AL	99932877.6	19990712	1100936	1100936	20081015	20190712
1798	BAYER CROPSCIENCE NV	PCDMOD	STRESS RESISTANCE BY PARP INHIBITION	AT	99932877.6	19990712	1100936	1100936	20081015	20190712
1799	BAYER CROPSCIENCE NV	PCDMOD	STRESS RESISTANCE BY PARP INHIBITION	AU	4910399	19990712		766672	20031023	20190712
1800	BAYER CROPSCIENCE NV	PCDMOD	STRESS RESISTANCE BY PARP INHIBITION	BE	08075812.5	20080709	1997899	1997899	20170524	20190712
1801	BAYER CROPSCIENCE NV	PCDMOD	STRESS RESISTANCE BY PARP INHIBITION	BE	99932877.6	19990712	1100936	1100936	20081015	20190712
1802	BAYER CROPSCIENCE NV	PCDMOD	STRESS RESISTANCE BY PARP INHIBITION	CA	2333432	19990712		2333432	20110920	20190712
1803	BAYER CROPSCIENCE NV	PCDMOD	STRESS RESISTANCE BY PARP INHIBITION	CH	99932877.6	19990712	1100936	1100936	20081015	20190712
1804	BAYER CROPSCIENCE NV	PCDMOD	STRESS RESISTANCE BY PARP INHIBITION	CN	99808747.5	19990712	1309714	99808747.5	20061213	20190712
1805	BAYER CROPSCIENCE NV	PCDMOD	STRESS RESISTANCE BY PARP INHIBITION	CY	99932877.6	19990712	1100936	CY1108712	20081015	20190712
1806	BAYER CROPSCIENCE NV	PCDMOD	STRESS RESISTANCE BY PARP INHIBITION	DE	08075812.5	20080709	1997899	69945791.3	20170524	20190712
1807	BAYER CROPSCIENCE NV	PCDMOD	STRESS RESISTANCE BY PARP INHIBITION	DE	69939744.8-08	19990712	1100936	1100936	20081015	20190712
1808	BAYER CROPSCIENCE NV	PCDMOD	STRESS RESISTANCE BY PARP INHIBITION	DK	99932877.6	19990712	1100936	1100936	20081015	20190712
1809	BAYER CROPSCIENCE NV	PCDMOD	STRESS RESISTANCE BY PARP INHIBITION	ES	08075812.5	20080709	1997899	1997899	20170524	20190712
1810	BAYER CROPSCIENCE NV	PCDMOD	STRESS RESISTANCE BY PARP INHIBITION	ES	99932877.6	19990712	1100936	1100936	20081015	20190712
1811	BAYER CROPSCIENCE NV	PCDMOD	STRESS RESISTANCE BY PARP INHIBITION	FI	08075812.5	20080709	1997899	1997899	20170524	20190712
1812	BAYER CROPSCIENCE NV	PCDMOD	STRESS RESISTANCE BY PARP INHIBITION	FI	99932877.6	19990712	1100936	1100936	20081015	20190712
1813	BAYER CROPSCIENCE NV	PCDMOD	STRESS RESISTANCE BY PARP INHIBITION	FR	08075812.5	20080709	1997899	1997899	20170524	20190712
1814	BAYER CROPSCIENCE NV	PCDMOD	STRESS RESISTANCE BY PARP INHIBITION	FR	99932877.6	19990712	1100936	1100936	20081015	20190712
1815	BAYER CROPSCIENCE NV	PCDMOD	STRESS RESISTANCE BY PARP INHIBITION	GB	08075812.5	20080709	1997899	1997899	20170524	20190712
1816	BAYER CROPSCIENCE NV	PCDMOD	STRESS RESISTANCE BY PARP INHIBITION	GB	99932877.6	19990712	1100936	1100936	20081015	20190712
1817	BAYER CROPSCIENCE NV	PCDMOD	STRESS RESISTANCE BY PARP INHIBITION	GR	08075812.5	20080709	1997899	20170401818	20170524	20190712
1818	BAYER CROPSCIENCE NV	PCDMOD	STRESS RESISTANCE BY PARP INHIBITION	GR	99932877.6	19990712	1100936	1100936	20081015	20190712
1819	BAYER CROPSCIENCE NV	PCDMOD	STRESS RESISTANCE BY PARP INHIBITION	IE	99932877.6	19990712	1100936	1100936	20081015	20190712
1820	BAYER CROPSCIENCE NV	PCDMOD	STRESS RESISTANCE BY PARP INHIBITION	IT	08075812.5	20080709	1997899	502017000073888	20170524	20190712
1821	BAYER CROPSCIENCE NV	PCDMOD	STRESS RESISTANCE BY PARP INHIBITION	IT	99932877.6	19990712	1100936	1100936	20081015	20190712
1822	BAYER CROPSCIENCE NV	PCDMOD	STRESS RESISTANCE BY PARP INHIBITION	JP	560270/2000	19990712	3200002/2002	4782925	20110715	20190712
1823	BAYER CROPSCIENCE NV	PCDMOD	STRESS RESISTANCE BY PARP INHIBITION	LT	99932877.6	19990712	1100936	1100936	20081015	20190712
1824	BAYER CROPSCIENCE NV	PCDMOD	STRESS RESISTANCE BY PARP INHIBITION	LU	99932877.6	19990712	1100936	1100936	20081015	20190712
1825	BAYER CROPSCIENCE NV	PCDMOD	STRESS RESISTANCE BY PARP INHIBITION	LV	99932877.6	19990712	1100936	1100936	20081015	20190712
1826	BAYER CROPSCIENCE NV	PCDMOD	STRESS RESISTANCE BY PARP INHIBITION	MC	99932877.6	19990712	1100936	1100936	20081015	20190712
1827	BAYER CROPSCIENCE NV	PCDMOD	STRESS RESISTANCE BY PARP INHIBITION	MK	99932877.6	19990712	1100936	1100936	20081015	20190712
1828	BAYER CROPSCIENCE NV	PCDMOD	STRESS RESISTANCE BY PARP INHIBITION	NL	08075812.5	20080709	1997899	1997899	20170524	20190712
1829	BAYER CROPSCIENCE NV	PCDMOD	STRESS RESISTANCE BY PARP INHIBITION	NL	99932877.6	19990712	1100936	1100936	20081015	20190712
1830	BAYER CROPSCIENCE NV	PCDMOD	STRESS RESISTANCE BY PARP INHIBITION	PT	08075812.5	20080709	1997899	1997899	20170524	20190712
1831	BAYER CROPSCIENCE NV	PCDMOD	STRESS RESISTANCE BY PARP INHIBITION	PT	99932877.6	19990712	1100936	1100936	20081015	20190712
1832	BAYER CROPSCIENCE NV	PCDMOD	STRESS RESISTANCE BY PARP INHIBITION	RO	99932877.6	19990712	1100936	1100936	20081015	20190712

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1833	BAYER CROPSCIENCE NV	PCDMOD	STRESS RESISTANCE BY PARP INHIBITION	SE	9932877.6	19990712	1100936	1100936	20081015	20190712
1834	BAYER CROPSCIENCE NV	PCDMOD	STRESS RESISTANCE BY PARP INHIBITION	SI	9932877.6	19990712	1100936	1100936	20081015	20190712
1836	BAYER CROPSCIENCE NV	PCDMOD	STRESS RESISTANCE BY PARP INHIBITION	US	10/705197	20031112	20040128704	7241936	20070710	20190820
1837	BAYER CROPSCIENCE NV	PCDMOD	STRESS RESISTANCE BY PARP INHIBITION	US	11/802343	20070522	20080265069	8058510	20111115	20190820
1878	BAYER CROPSCIENCE NV	PHENOL	IMPROVED TRANSFORMATION METHOD	BR	PI0805900-9	19980220		PI0805900-9	20090630	20190630
1930	BAYER CROPSCIENCE NV	WINEXP	WOUND-INDUCIBLE EXPRESSION IN PLANTS	AR	P030101574	20030505		030989	20111229	20230505
1931	BAYER CROPSCIENCE NV	WINEXP	WOUND-INDUCIBLE EXPRESSION IN PLANTS	BR	PI0309874-5	20030429	PI0309874-5	PI0309874-5	20151201	20251201
1932	BAYER CROPSCIENCE NV	WINEXP	WOUND-INDUCIBLE EXPRESSION IN PLANTS	CN	03810041.X	20030429	1650019	03810041.X	20070404	20230429
1933	BAYER CROPSCIENCE NV	WINEXP	WOUND-INDUCIBLE EXPRESSION IN PLANTS	DE	60313770.9-08	20030429	DE60313770	1504105	20070509	20230429
1934	BAYER CROPSCIENCE NV	WINEXP	WOUND-INDUCIBLE EXPRESSION IN PLANTS	ES	03729979.9	20030429	2287482	1504105	20070509	20230429
1935	BAYER CROPSCIENCE NV	WINEXP	WOUND-INDUCIBLE EXPRESSION IN PLANTS	FR	03729979.9	20030429	1504105	1504105	20070509	20230429
1936	BAYER CROPSCIENCE NV	WINEXP	WOUND-INDUCIBLE EXPRESSION IN PLANTS	GB	03729979.9	20030429	1504105	1504105	20070509	20230429
1937	BAYER CROPSCIENCE NV	WINEXP	WOUND-INDUCIBLE EXPRESSION IN PLANTS	ID	200402708	20030429	042039	0026950	20101112	20230429
1938	BAYER CROPSCIENCE NV	WINEXP	WOUND-INDUCIBLE EXPRESSION IN PLANTS	IN	200402675	20030429		200806	20070906	20230429
1939	BAYER CROPSCIENCE NV	WINEXP	WOUND-INDUCIBLE EXPRESSION IN PLANTS	JP	2004-501619	20030429	2005-524400	4527527	20100611	20230429
1940	BAYER CROPSCIENCE NV	WINEXP	WOUND-INDUCIBLE EXPRESSION IN PLANTS	MX	MX/a/2004/010704	20030429	PA04010704	254090	20080201	20230429
1941	BAYER CROPSCIENCE NV	WINEXP	WOUND-INDUCIBLE EXPRESSION IN PLANTS	PH	1-2004-501731	20030429	Date of WO	1-2004-501731	20100629	20230429
1942	BAYER CROPSCIENCE NV	WINEXP	WOUND-INDUCIBLE EXPRESSION IN PLANTS	US	10/428643	20030505	20030221216	7700960	20100907	20230505
1943	BAYER CROPSCIENCE NV	WINEXP	WOUND-INDUCIBLE EXPRESSION IN PLANTS	VN	1-2004-01187	20030429		12049	20131119	20230429
1944	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS162005	Enzymatic seed chipping	AU	PCT/EP2017/057436	20170329				20370329
1945	BAYER CROPSCIENCE NV	BCS162001	Penod13-4 Brassica	AU	PCT/EP2017/058208	20170406				20370406
1946	BAYER CROPSCIENCE NV	BCS162002	Penod10 Brassica	AU	PCT/EP2017/058214	20170406				20370406
1947	BAYER CROPSCIENCE NV	BCS162003	Psip1 intron Brassica	AU	PCT/EP2017/058388	20170407				20370407
1948	BAYER CROPSCIENCE NV	BCS162004	PcruP2 Brassica	AU	PCT/EP2017/058390	20170407				20370407
1949	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS162005	Enzymatic seed chipping	BR	PCT/EP2017/057436	20170329				20370329
1951	BAYER CROPSCIENCE NV	BCS162001	Penod13-4 Brassica	BR	PCT/EP2017/058208	20170406				20370406
1952	BAYER CROPSCIENCE NV	BCS162002	Penod10 Brassica	BR	PCT/EP2017/058214	20170406				20370406
1953	BAYER CROPSCIENCE NV	BCS162003	Psip1 intron Brassica	BR	PCT/EP2017/058388	20170407				20370407
1954	BAYER CROPSCIENCE NV	BCS162004	PcruP2 Brassica	BR	PCT/EP2017/058390	20170407				20370407
1956	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS162005	Enzymatic seed chipping	CA	PCT/EP2017/057436	20170329				20370329
1957	BAYER CROPSCIENCE NV	BCS162001	Penod13-4 Brassica	CA	PCT/EP2017/058208	20170406				20370406
1958	BAYER CROPSCIENCE NV	BCS162002	Penod10 Brassica	CA	PCT/EP2017/058214	20170406				20370406
1959	BAYER CROPSCIENCE NV	BCS162003	Psip1 intron Brassica	CA	PCT/EP2017/058388	20170407				20370407
1960	BAYER CROPSCIENCE NV	BCS162004	PcruP2 Brassica	CA	PCT/EP2017/058390	20170407				20370407
1961	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS162005	Enzymatic seed chipping	CN	PCT/EP2017/057436	20170329				20370329
1962	BAYER CROPSCIENCE NV	BCS162001	Penod13-4 Brassica	CN	PCT/EP2017/058208	20170406				20370406
1963	BAYER CROPSCIENCE NV	BCS162003	Psip1 intron Brassica	CN	PCT/EP2017/058388	20170407				20370407
1964	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS12-2018	POINT-OF-INTEREST DNA DETECTION	DE	13780343.3	20131018				20331018
1965	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS162005	Enzymatic seed chipping	EA	PCT/EP2017/057436	20170329				20370329
1966	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS162005	Enzymatic seed chipping	EP	PCT/EP2017/057436	20170329				20370329
1967	BAYER CROPSCIENCE NV	BCS162001	Penod13-4 Brassica	EP	PCT/EP2017/058208	20170406				20370406
1968	BAYER CROPSCIENCE NV	BCS162002	Penod10 Brassica	EP	PCT/EP2017/058214	20170406				20370406
1969	BAYER CROPSCIENCE NV	BCS162003	Psip1 intron Brassica	EP	PCT/EP2017/058388	20170407				20370407
1970	BAYER CROPSCIENCE NV	BCS162004	PcruP2 Brassica	EP	PCT/EP2017/058390	20170407				20370407
1972	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS12-2018	POINT-OF-INTEREST DNA DETECTION	FR	13780343.3	20131018				20331018
1974	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS12-2018	POINT-OF-INTEREST DNA DETECTION	GB	13780343.3	20131018				20331018
1976	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS162005	Enzymatic seed chipping	IN	PCT/EP2017/057436	20170329				20370329
1977	BAYER CROPSCIENCE NV	BCS162001	Penod13-4 Brassica	IN	PCT/EP2017/058208	20170406				20370406
1978	BAYER CROPSCIENCE NV	BCS162003	Psip1 intron Brassica	IN	PCT/EP2017/058388	20170407				20370407
1982	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS162005	Enzymatic seed chipping	MX	PCT/EP2017/057436	20170329				20370329
1986	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS162005	Enzymatic seed chipping	UA	PCT/EP2017/057436	20170329				20370329
1987	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS162005	Enzymatic seed chipping	UG	PCT/EP2017/057436	20170329				20370329
1988	BAYER CROPSCIENCE NV	BCS162001	Penod13-4 Brassica	US	PCT/EP2017/058208	20170406				20370406
1989	BAYER CROPSCIENCE NV	BCS162002	Penod10 Brassica	US	PCT/EP2017/058214	20170406				20370406
1990	BAYER CROPSCIENCE NV	BCS162003	Psip1 intron Brassica	US	PCT/EP2017/058388	20170407				20370407
1991	BAYER CROPSCIENCE NV	BCS162004	PcruP2 Brassica	US	PCT/EP2017/058390	20170407				20370407
1992	BAYER CROPSCIENCE NV	BCS162001	Penod13-4 Brassica	ZA	PCT/EP2017/058208	20170406				20370406
1993	BAYER CROPSCIENCE NV	BCS162003	Psip1 intron Brassica	ZA	PCT/EP2017/058388	20170407				20370407
1994	BAYER CROPSCIENCE NV	BCS176003	Methods for Controlling Plant or Crop Size in a Controlled Environment in Order to Test or Characterize Plant Responses	US	62/612111	20171229				20191229

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Table 1

Transferred Patents —Carme

35	Bayer CropScience LP, BAYER CROPSCIENCE N.V.	APA16-6015	ELITE EVENT EE-GM4	AR	2017-0103671	20171222				20371222
36	Bayer CropScience LP, BAYER CROPSCIENCE N.V.	APA16-6015	ELITE EVENT EE-GM4	BO	286-2017	20171222				20371222
37	Bayer CropScience LP, BAYER CROPSCIENCE N.V.	APA16-6015	ELITE EVENT EE-GM4	PY	1797653	20171222				20371222
38	Bayer CropScience LP, BAYER CROPSCIENCE N.V.	APA16-6015	ELITE EVENT EE-GM4	UY	37548	20171222				20371222
39	Bayer CropScience LP, BAYER CROPSCIENCE N.V.	APA16-6015	ELITE EVENT EE-GM4	WO	PCT/US17/68116	20171222				20371222
40	Bayer CropScience LP, BAYER CROPSCIENCE N.V.	APA16-6016	Elite event EE-GM5	AR	2017-0103672	20171222				20371222
41	Bayer CropScience LP, BAYER CROPSCIENCE N.V.	APA16-6016	Elite event EE-GM5	BO	285-2017	20171222				20371222
42	Bayer CropScience LP, BAYER CROPSCIENCE N.V.	APA16-6016	Elite event EE-GM5	PY	1797645	20171222				20371222
43	Bayer CropScience LP, BAYER CROPSCIENCE N.V.	APA16-6016	Elite event EE-GM5	UY	37549	20171222				20371222
44	Bayer CropScience LP, BAYER CROPSCIENCE N.V.	APA16-6016	Elite event EE-GM5	WO	PCT/US17/68121	20171222				20371222
45	BAYER CROPSCIENCE NV	BCS05-2008	ELITE EVENT A2704-12	BR	PI0608667-5	20060404	PI0608667-5	PI0608667-5	20180502	20260404
46	BAYER CROPSCIENCE NV	BCS05-2008	ELITE EVENT A2704-12	CA	2603944	20060404		2603944	20150623	20260404
47	BAYER CROPSCIENCE NV	BCS05-2008	ELITE EVENT A2704-12	CN	200680010143.4	20060404	CN101151373A	200680010143.4	20160224	20260404
48	BAYER CROPSCIENCE NV	BCS05-2008	ELITE EVENT A2704-12	CN	201310009219.3	20130110	103103262	ZL201310009219.3	20170704	20260404
49	BAYER CROPSCIENCE NV	BCS05-2008	ELITE EVENT A2704-12	DE	602006030108.1	20060404	1869187	1869187	20120613	20260404
50	BAYER CROPSCIENCE NV	BCS05-2008	ELITE EVENT A2704-12	ES	06724339.4	20060404	1869187	1869187	20120613	20260404
51	BAYER CROPSCIENCE NV	BCS05-2008	ELITE EVENT A2704-12	JP	2008-504705	20060404	2008-535489	5256020	20130420	20260404
52	BAYER CROPSCIENCE NV	BCS05-2008	ELITE EVENT A2704-12	JP	2012-157010	20120713	2012-228251	5012636	20110912	20260404

53	BAYER CROPSCIENCE NV	BCS05-2008	ELITE EVENT A2704-12	MX	MX/a/2007/012363	20060404		314936	20131101	20260404
54	BAYER CROPSCIENCE NV	BCS05-2008	ELITE EVENT A2704-12	NL	06724339.4	20060404	1869187	1869187	20120613	20260404
55	BAYER CROPSCIENCE NV	BCS05-2008	ELITE EVENT A2704-12	US	11/910899	20060404	20080320616	8012689	20110906	20280124
56	BAYER CROPSCIENCE NV	BCS05-2008	ELITE EVENT A2704-12	US	13/196705	20110802	20110294127	9322069	20160426	20261113
57	BAYER CROPSCIENCE NV	BCS05-2009	ELITE EVENT A5547-127	BR	PI0610462-2	20060404	PI0610462-2	PI0610462-2	20180227	20280227
58	BAYER CROPSCIENCE NV	BCS05-2009	ELITE EVENT A5547-127	CA	2603949	20060404		2603949	20141209	20260404
59	BAYER CROPSCIENCE NV	BCS05-2009	ELITE EVENT A5547-127	CN	200680011600.1	20060404	CN101155933A	200680011600.1	20150916	20260404
60	BAYER CROPSCIENCE NV	BCS05-2009	ELITE EVENT A5547-127	CN	201510514613.X	20150821	105112529			20260404
61	BAYER CROPSCIENCE NV	BCS05-2009	ELITE EVENT A5547-127	DE	602006022783.3	20060404	1871901	1871901	20110629	20260404
62	BAYER CROPSCIENCE NV	BCS05-2009	ELITE EVENT A5547-127	ES	06724340.2	20060404	1871901	1871901	20110629	20260404
63	BAYER CROPSCIENCE NV	BCS05-2009	ELITE EVENT A5547-127	JP	2008-505829	20060404	2008-535599	5281392	20130531	20260404
64	BAYER CROPSCIENCE NV	BCS05-2009	ELITE EVENT A5547-127	MX	MX/a/2007012561	20060404		295024	20120120	20260404
65	BAYER CROPSCIENCE NV	BCS05-2009	ELITE EVENT A5547-127	NL	06724340.2	20060404	1871901	1871901	20110629	20260404
66	BAYER CROPSCIENCE NV	BCS05-2009	ELITE EVENT A5547-127	US	11/911167	20060404	20080196127	8017756	20110913	20280210
67	BAYER CROPSCIENCE NV	BCS05-2009	ELITE EVENT A5547-127	US	13/196639	20110804	20120117693	8952142	20150210	20260404
68	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2009	SOYBEAN EVENT FG72	AR	P100104307	20101123	AR080946			20301123
69	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2009	SOYBEAN EVENT FG72	AU	2010321584	20101123	Date of WO	2010321584	20161208	20301123
70	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2009	SOYBEAN EVENT FG72	BE	10832373.4	20101123	2504454			20301123
71	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2009	SOYBEAN EVENT FG72	BG	10832373.4	20101123	2504454			20301123

72	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2009	SOYBEAN EVENT FG72	BO	BP00356-2010	20101123	11225			20301123
73	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2009	SOYBEAN EVENT FG72	BR	1120120122385-8	20101123				20301123
74	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2009	SOYBEAN EVENT FG72	CA	2781557	20101123	2781557	2781557	20160109	20301123
75	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2009	SOYBEAN EVENT FG72	CL	01334-2012	20101123				20301123
76	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2009	SOYBEAN EVENT FG72	CN	201080059526.7	20101123	102858896	201080059526.7	20160113	20301123
77	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2009	SOYBEAN EVENT FG72	CZ	10832373.4	20101123	2504454			20301123
78	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2009	SOYBEAN EVENT FG72	DE	10832373.4	20101123	2504454			20301123
79	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2009	SOYBEAN EVENT FG72	EP	10832373.4	20101123	2504454			20301123
80	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2009	SOYBEAN EVENT FG72	ES	10832373.4	20101123	2504454			20301123
81	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2009	SOYBEAN EVENT FG72	FI	10832373.4	20101123	2504454			20301123
82	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2009	SOYBEAN EVENT FG72	FR	10832373.4	20101123	2504454			20301123
83	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2009	SOYBEAN EVENT FG72	GB	10832373.4	20101123	2504454			20301123
84	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2009	SOYBEAN EVENT FG72	GR	10832373.4	20101123	2504454			20301123
85	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2009	SOYBEAN EVENT FG72	HR	10832373.4	20101123	2504454			20301123
86	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2009	SOYBEAN EVENT FG72	HU	10832373.4	20101123	2504454			20301123
87	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2009	SOYBEAN EVENT FG72	IN	1381/MUMNP/2012	20101123				20301123
88	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2009	SOYBEAN EVENT FG72	IT	10832373.4	20101123	2504454			20301123
89	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2009	SOYBEAN EVENT FG72	JP	2016-110908	20160602	2016 195597			20301123
90	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2009	SOYBEAN EVENT FG72	KR	10-2012-7016057	20101123				20301123

91	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2009	SOYBEAN EVENT FG72	MX	MX/a/2012/005937	20101123	Date of WO	331G99	20150717	20301123
92	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2009	SOYBEAN EVENT FG72	NL	10832373.4	20101123	2504454			20301123
93	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2009	SOYBEAN EVENT FG72	NZ	600376	20101123		600376	20150203	20301123
94	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2009	SOYBEAN EVENT FG72	PH	1-2012-501096	20101123	Date of WO	1-2012-501096	20170628	20301123
95	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2009	SOYBEAN EVENT FG72	PL	10832373.4	20101123	2504454			20301123
96	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2009	SOYBEAN EVENT FG72	PT	10832373.4	20101123	2504454			20301123
97	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2009	SOYBEAN EVENT FG72	PY	49.900	20101123				20301123
98	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2009	SOYBEAN EVENT FG72	RO	10832373.4	20101123	2504454			20301123
99	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2009	SOYBEAN EVENT FG72	RS	10832373.4	20101123	2504454			20301123
100	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2009	SOYBEAN EVENT FG72	RU	2012125962	20101123	2012125962	2639530	20171221	20301123
101	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2009	SOYBEAN EVENT FG72	SI	10832373.4	20101123	2504454			20301123
102	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2009	SOYBEAN EVENT FG72	SK	10832373.4	20101123	2504454			20301123
103	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2009	SOYBEAN EVENT FG72	TH	1201002405	20101123	169532			20301123
104	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2009	SOYBEAN EVENT FG72	TR	10832373.4	20101123	2504454			20301123
105	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2009	SOYBEAN EVENT FG72	UA	201207699	20101123		114275	20170525	20301123
106	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2009	SOYBEAN EVENT FG72	US	12/953212	20101123	20110162098	8592550	20131126	20310710
107	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2009	SOYBEAN EVENT FG72	US	13/511629	20101123	20120304330	9631202	20170425	20340523
108	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2009	SOYBEAN EVENT FG72	US	13/744136	20130117		8642748	20140204	20301123
109	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2009	SOYBEAN EVENT FG72	US	15/403926	20170111	20170114419			20301123

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110	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2009	SOYBEAN EVENT FG72	UY	33.050	20101123				20301123
111	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2009	SOYBEAN EVENT FG72	VN	1-2012-01793	20101123				20301123
112	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2009	SOYBEAN EVENT FG72	ZA	2012/04532	20101123				20301123
113	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2010	STACKS OF SOYBEAN EVENT FG72	AR	P100104306	20101123	080566			20301123
114	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2010	STACKS OF SOYBEAN EVENT FG72	AU	2010321586	20101123	Date of WO	2010321586	20160929	20301123
115	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2010	STACKS OF SOYBEAN EVENT FG72	BE	10832375.9	20101123	2503873	2503873	20170208	20301123
116	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2010	STACKS OF SOYBEAN EVENT FG72	BG	10832375.9	20101123	2503873	2503873	20170208	20301123
117	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2010	STACKS OF SOYBEAN EVENT FG72	BO	SP00357-2010	20101123	T1207			20301123
118	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2010	STACKS OF SOYBEAN EVENT FG72	BR	1120120125672	20101123				20301123
119	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2010	STACKS OF SOYBEAN EVENT FG72	CA	2781598	20101123	2781598			20301123
120	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2010	STACKS OF SOYBEAN EVENT FG72	CL	01333-2012	20101123				20301123
121	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2010	STACKS OF SOYBEAN EVENT FG72	CN	201080061916.8	20101123	103003443	201080061916.8	20160921	20301123
122	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2010	STACKS OF SOYBEAN EVENT FG72	CN	201610791107.1	20160831	106999462			20301123
123	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2010	STACKS OF SOYBEAN EVENT FG72	CZ	10832375.9	20101123	2503873	2503873	20170208	20301123
124	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2010	STACKS OF SOYBEAN EVENT FG72	DE	10832375.9	20101123	2503873	602010049030.1	20170208	20301123
125	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2010	STACKS OF SOYBEAN EVENT FG72	ES	10832375.9	20101123	2503873	2503873	20170208	20301123
126	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2010	STACKS OF SOYBEAN EVENT FG72	FI	10832375.9	20101123	2503873	2503873	20170208	20301123
127	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2010	STACKS OF SOYBEAN EVENT FG72	FR	10832375.9	20101123	2503873	2503873	20170208	20301123
128	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2010	STACKS OF SOYBEAN EVENT FG72	GB	10832375.9	20101123	2503873	2503873	20170208	20301123

129	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2010	STACKS OF SOYBEAN EVENT FG72	GR	10832375.9	20101123	2503873	2503873	20170208	20301123
130	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2010	STACKS OF SOYBEAN EVENT FG72	HR	10832375.9	20101123	2503873	2503873	20170208	20301123
131	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2010	STACKS OF SOYBEAN EVENT FG72	HU	10832375.9	20101123	2503873	2503873	20170208	20301123
132	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2010	STACKS OF SOYBEAN EVENT FG72	IN	1509/KOLNP/2012	20101123				20301123
133	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2010	STACKS OF SOYBEAN EVENT FG72	IT	10832375.9	20101123	2503873	502017000047207	20170208	20301123
134	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2010	STACKS OF SOYBEAN EVENT FG72	JP	2016-110909	20160602	2016-187343			20301123
135	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2010	STACKS OF SOYBEAN EVENT FG72	KR	10-2012-7016274	20101123				20301123
136	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2010	STACKS OF SOYBEAN EVENT FG72	MX	MX/a/2012/005832	20101123		333316	20150918	20301123
137	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2010	STACKS OF SOYBEAN EVENT FG72	NL	10832375.9	20101123	2503873	2503873	20170208	20301123
138	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2010	STACKS OF SOYBEAN EVENT FG72	NZ	600375	20101123		600375	20150205	20301123
139	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2010	STACKS OF SOYBEAN EVENT FG72	PH	1-2012-501097	20101123	Date of WO			20301123
140	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2010	STACKS OF SOYBEAN EVENT FG72	PL	10832375.9	20101123	2503873	2503873	20170208	20301123
141	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2010	STACKS OF SOYBEAN EVENT FG72	PT	10832375.9	20101123	2503873	2503873	20170208	20301123
142	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2010	STACKS OF SOYBEAN EVENT FG72	PY	49.901	20101123				20301123
143	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2010	STACKS OF SOYBEAN EVENT FG72	RO	10832375.9	20101123	2503873	2503873	20170208	20301123
144	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2010	STACKS OF SOYBEAN EVENT FG72	RS	10832375.9	20101123	2503873	P-2017/0423	20170208	20301123
145	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2010	STACKS OF SOYBEAN EVENT FG72	RU	2012125961	20101123	2012125961	2639520	20171221	20301123
146	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2010	STACKS OF SOYBEAN EVENT FG72	SI	10832375.9	20101123	2503873	2503873	20170208	20301123
147	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2010	STACKS OF SOYBEAN EVENT FG72	SK	10832375.9	20101123	2503873	2503873	20170208	20301123

148	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2010	STACKS OF SOYBEAN EVENT FG72	TH	1201002404	20101123	153132			20301123
149	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2010	STACKS OF SOYBEAN EVENT FG72	TR	10032375.9	20101123	2503873	2503873	20170208	20301123
150	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2010	STACKS OF SOYBEAN EVENT FG72	UA	201207696	20101123		114171	20170510	20301123
151	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2010	STACKS OF SOYBEAN EVENT FG72	US	12/953251	20101123	20110239321	9062324	20150623	20310710
152	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2010	STACKS OF SOYBEAN EVENT FG72	US	13/511831	20101123	20120304331	9883242	20170620	20340306
153	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2010	STACKS OF SOYBEAN EVENT FG72	UY	33.051	20101123				20301123
154	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2010	STACKS OF SOYBEAN EVENT FG72	VN	1-2012-01807	20101123				20301123
155	BAYER CROPSCIENCE NV, MS Technologies, LLC	BCS09-2010	STACKS OF SOYBEAN EVENT FG72	ZA	2012/04269	20101123		2012/04269	20131127	20301123
156	Bayer CropScience LP	BCS176004	Soybean Variety GLL0462	US	15/690309	20170830				20370830
157	Bayer CropScience LP	BCS176005	Soybean Variety GLL0866	US	15/690311	20170830				20370830
158	Bayer CropScience LP	BCS176006	Soybean Variety GLL0116	US	15/690317	20170830				20370830
159	Bayer CropScience LP	BCS176007	Soybean Variety GLL0624	US	15/690330	20170830				20370830
160	Bayer CropScience LP	BCS176008	Soybean Variety GLL0426	US	15/690336	20170830				20370830
161	Bayer CropScience LP	BCS176009	Soybean Variety HLL0626	US	15/690350	20170830				20370830
162	Bayer CropScience LP	BCS176010	SOYBEAN VARIETY HLL0771	US	15/690321	20170830				20370830
163	Bayer CropScience LP	BCS176011	SOYBEAN VARIETY HLL0145	US	15/690452	20170830				20370830
164	Bayer CropScience LP, BAYER CROPSCIENCE NV	BCS182013	PLANTS CONTAINING ELITE EVENT EE-GM4 AND METHODS AND KITS FOR IDENTIFYING SUCH EVENT IN BIOLOGICAL SAMPLES, AND TREATMENT THEREOF	US	62/676434	20180525				20190525
165	Bayer CropScience LP, BAYER CROPSCIENCE NV	BCS182014	PLANTS CONTAINING ELITE EVENT EE-GM5 AND METHODS AND KITS FOR IDENTIFYING SUCH EVENT IN BIOLOGICAL SAMPLES, AND TREATMENT THEREOF	US	62/676445	20180526				20190525
166	Bayer CropScience LP, BAYER CROPSCIENCE NV	BCS182013	PLANTS CONTAINING ELITE EVENT EE-GM4 AND METHODS AND KITS FOR IDENTIFYING SUCH EVENT IN BIOLOGICAL SAMPLES, AND TREATMENT THEREOF	US	62/686662	20180618				20190610

PATENT
REEL: 049124 FRAME: 0920

167	Bayer CropScience LP, BAYER CROPSCIENCE NV	BCS192014		PLANTS CONTAINING ELITE EVENT EE-GM5 AND METHODS AND KITS FOR IDENTIFYING SUCH EVENT IN BIOLOGICAL SAMPLES, AND TREATMENT THEREOF	US		62665524	20180615				20190615	
168	Bayer CropScience LP, BAYER CROPSCIENCE NV	BCS192014		PLANTS CONTAINING ELITE EVENT EE-GM5 AND METHODS AND KITS FOR IDENTIFYING SUCH EVENT IN BIOLOGICAL SAMPLES, AND TREATMENT THEREOF	US		62666666	20180618				20190618	

Table 1

Transferred Patents ---Haley

1	BAYER CROPSCIENCE NV	EE-ZM1	ELITE EVENT GAT-ZM1	Australia	2001236414	20010109		2001236414	20060330	20210109
2	BAYER CROPSCIENCE NV	EE-ZM1	ELITE EVENT GAT-ZM1	Brazil	PI0107574-8	20010109	PI0107574-8	PI0107574-8	20180227	20280227
3	BAYER CROPSCIENCE NV	EE-ZM1	ELITE EVENT GAT-ZM1	Canada	2396778	20010109	2396778	20121127	20210109	
4	BAYER CROPSCIENCE NV	EE-ZM1	ELITE EVENT GAT-ZM1	China	01803610.4	20010109	1396957	ZL01803610.4	20080709	20210109
5	BAYER CROPSCIENCE NV	EE-ZM1	ELITE EVENT GAT-ZM1	Germany	601257154-08	20010109	DE60125715	1250461	20070103	20210108
6	BAYER CROPSCIENCE NV	EE-ZM1	ELITE EVENT GAT-ZM1	Spain	01907442.6	20010109	2277912	1250461	20070103	20210108
7	BAYER CROPSCIENCE NV	EE-ZM1	ELITE EVENT GAT-ZM1	France	01907442.6	20010109	1250461	1250461	20070103	20210109
8	BAYER CROPSCIENCE NV	EE-ZM1	ELITE EVENT GAT-ZM1	United Kingdom	01907442.6	20010109	1250461	1250461	20070103	20210108
9	BAYER CROPSCIENCE NV	EE-ZM1	ELITE EVENT GAT-ZM1	Japan	2001-551228	20010109	2003-524416	4623910	20101112	20210109
10	BAYER CROPSCIENCE NV	EE-ZM1	ELITE EVENT GAT-ZM1	United States	09/481048	20000111		6395485	20020528	20200111
11	BAYER CROPSCIENCE NV	EE-ZM1	ELITE EVENT GAT-ZM1	United States	09/758987	20010111		6951929	20051004	20200111

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THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

July 15, 2019

THIS IS TO CERTIFY THAT ANNEXED IS A TRUE COPY FROM THE RECORDS OF THIS OFFICE OF A DOCUMENT RECORDED ON MAY 10, 2019.

By Authority of the
Under Secretary of Commerce for Intellectual Property
and Director of the United States Patent and Trademark Office

JOHN A BURSON
Certifying Officer

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5516522

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
SEQUENCE:	1

CONVEYING PARTY DATA

Name	Execution Date
BASF SE	08/02/2018

RECEIVING PARTY DATA

Name:	BASF AGRICULTURAL SOLUTIONS SEED, US LLC
Street Address:	2 T.W. ALEXANDER DRIVE
City:	RTP
State/Country:	NORTH CAROLINA
Postal Code:	27709

PROPERTY NUMBERS Total: 161

Property Type	Number
Patent Number:	7689366
Patent Number:	7405347
Patent Number:	7399621
Patent Number:	7659376
Patent Number:	7253343
Patent Number:	8563808
Patent Number:	7482432
Patent Number:	7355099
Patent Number:	8101825
Patent Number:	8173590
Patent Number:	7351881
Patent Number:	8044266
Patent Number:	8133858
Patent Number:	7692068
Patent Number:	8299323
Patent Number:	8175813
Patent Number:	8097775
Patent Number:	7674959
Patent Number:	8236757

Property Type	Number
Patent Number:	8314292
Patent Number:	7803391
Patent Number:	7803925
Patent Number:	7811598
Patent Number:	7534937
Patent Number:	7485461
Patent Number:	7700842
Patent Number:	7923602
Patent Number:	8147856
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Application Number:	12856021
Patent Number:	8252981
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Application Number:	15384581
Patent Number:	8334431
Patent Number:	9909140
Patent Number:	9238823
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Patent Number:	9243259
Patent Number:	8084416
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Patent Number:	8318900
Application Number:	14711252

Property Type	Number
Patent Number:	8299217
Patent Number:	7919272
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Patent Number:	8575425
Patent Number:	9260487
Patent Number:	9221883
Patent Number:	8461415
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Application Number:	14127574
Patent Number:	9752158
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Application Number:	15826743
Patent Number:	9528122
Patent Number:	9790258
Patent Number:	9725735
Patent Number:	9758793
Application Number:	14441638
Application Number:	14767380
Application Number:	14773015
Patent Number:	9944938
Patent Number:	9862967
Application Number:	14910479
Application Number:	14910474
Application Number:	15102785
Application Number:	15122532
PCT Number:	US2017028357
Application Number:	15768237

Property Type	Number
PCT Number:	US2017062923
Application Number:	62576564
Application Number:	62576569
PCT Number:	US2017068070
PCT Number:	US2018014182
PCT Number:	US2018014196
PCT Number:	US2018021043
Patent Number:	9670496
Application Number:	14240500
Application Number:	14903745
Application Number:	14913020
Application Number:	15100810
Application Number:	15124861
Application Number:	15758429
PCT Number:	US2018032230
Application Number:	62691629
Application Number:	62590860
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Patent Number:	8319030
Patent Number:	9175306
Patent Number:	9228198
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Patent Number:	9181562
Patent Number:	9187763
Patent Number:	9228200
Patent Number:	9157094
Patent Number:	9006531
Patent Number:	9481891
Patent Number:	9388424
Patent Number:	9012732
Patent Number:	9012733
Patent Number:	8975482
Patent Number:	9006533
Patent Number:	8975483
Patent Number:	9012734

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Patent Number:	9516830
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Patent Number:	9538717
Patent Number:	9699984
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Patent Number:	9516834
Patent Number:	9516835
Patent Number:	9408361
Patent Number:	9392763
Patent Number:	9408362
Application Number:	15143573
Application Number:	15143574
PCT Number:	US2017068116
PCT Number:	US2017068121
Application Number:	15690309
Application Number:	15690311
Application Number:	15690317
Application Number:	15690330
Application Number:	15690336
Application Number:	15690350
Application Number:	15690321
Application Number:	15690452
Application Number:	62676434
Application Number:	62676445
Application Number:	62686662
Application Number:	62685524
Application Number:	62686666

CORRESPONDENCE DATA

Fax Number: (919)547-2427

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ATTORNEY DOCKET NUMBER:	BASF SE TO BASS

NAME OF SUBMITTER:	FELICIA R. YOUNG
SIGNATURE:	/felicia r. young/
DATE SIGNED:	05/10/2019

Total Attachments: 19
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PATENT ASSIGNMENT AGREEMENT

This **PATENT ASSIGNMENT AGREEMENT** (the "Agreement"), dated as of August 02, 2018 (the "Effective Date"), is made by and between BASF SE (collectively, "Assignor") and BASF Agricultural Solutions Seed US LLC, ("Assignee").

WHEREAS, on the terms and subject to the conditions set forth herein, Assignor desires to sell, assign and transfer, and Assignee desires to accept the sale, assignment and transfer of, the patents and patent applications set forth in Schedule A (the "Transferred Patents"),

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties agree as follows:

1. Assignment of Transferred Patents. Assignor hereby sells, assigns and transfers to Assignee, and Assignee hereby accepts the sale, assignment and transfer from Assignor of, all of Assignor's (a) right, title and interest in and to the Transferred Patents set forth in Schedule A, and (b) right to sue for past, present or future infringement of such Transferred Patents and to retain any damages and profits due or accrued for any such past, present or future infringement of such Transferred Patents.

2. Authorization. Assignor hereby requests and authorizes Assignee and any attorney thereof, to insert the serial number or any other identifying information pertaining to the Transferred Patents onto this Agreement deemed necessary for its recordation.

3. Governing Law. THIS AGREEMENT SHALL BE GOVERNED BY AND CONSTRUED IN ACCORDANCE WITH THE LAWS OF THE STATE OF NEW YORK WITHOUT REGARD TO PRINCIPLES OF CONFLICTS OF LAW.

4. Counterparts. This Agreement may be executed in one or more counterparts, each of which shall be deemed an original, and all of which shall constitute one and the same instrument.

IN WITNESS WHEREOF, the Parties hereto have caused this Patent Assignment Agreement to be executed as of the date first written above.

BASF SE

By: _____
Name: Dr. Andreas Popp
Title: Senior Vice President

By: _____
Name: Dr. Marcus Ebneth
Title: Senior Counsel

BASF Agricultural Solutions Seed US LLC

By: _____
Name: Dr. Christine Amshoff
Title: Attorney in fact

PATENT
REEL: 049148 FRAME: 0557

SCHEDULE A

TRANSFERRED PATENTS

(see attached)

PATENT
REEL: 049148 FRAME: 0558

Table 1
Transferred Patents - Elara

71	ATHENIX CORPORATION	APA 001	Integrated System For High Throughput Capture Of Genetic Diversity	US	10/386,401	20030311	2004-0014091	7,689,386	20100330	20260805
72	ATHENIX CORPORATION	APA 004	Genes Conferring Herbicide Resistance	AU	2003299832	20031218		2003299832	20091001	20231218
73	ATHENIX CORPORATION	APA 004	Genes Conferring Herbicide Resistance	BR	PI0317570-0	20031218	1820			20231218
74	ATHENIX CORPORATION	APA 004	Genes Conferring Herbicide Resistance	CA	2,510,446	20031218		2510446	20110125	20231218
75	ATHENIX CORPORATION	APA 004	Genes Conferring Herbicide Resistance	CN	200380100257.0	20031218	CN1745173A	ZL200380100257.0	20120905	20231218
76	ATHENIX CORPORATION	APA 004	Genes Conferring Herbicide Resistance	DE	03800106.1	20031218		60336849.2	20110420	20231218
77	ATHENIX CORPORATION	APA 004	Genes Conferring Herbicide Resistance	FR	03800106.1	20031218		1581642	20110420	20231218
78	ATHENIX CORPORATION	APA 004	Genes Conferring Herbicide Resistance	GB	03800106.1	20031218		1581642	20110420	20231218
79	ATHENIX CORPORATION	APA 004	Genes Conferring Herbicide Resistance	IN	4009/KOLNP/2007	20031218				20231218
80	ATHENIX CORPORATION	APA 004	Genes Conferring Herbicide Resistance	US	10/738,810	20031218		7,405,347	20080729	20260626
81	ATHENIX CORPORATION	APA 004	Genes Conferring Herbicide Resistance	US	11/517,991	20060909	2007-0004907	7,399,821	20080715	20261024
82	ATHENIX CORPORATION	APA 004	Genes Conferring Herbicide Resistance	US	12/139,408	20080613	2008-0312419	7,659,376	20100209	20260711
83	ATHENIX CORPORATION	APA 005	AXMI-003, A Delta-Endotoxin Gene And Methods For Its Use	US	10/926,819	20040826	2005-0044410	7,253,343	20070807	20250212
84	ATHENIX CORPORATION	APA 005	AXMI-003, A Delta-Endotoxin Gene And Methods For Its Use	US	11/765,491	20070620	2007-0240239	8,563,808	20131022	20250212
85	ATHENIX CORPORATION	APA 005	AXMI-003, A Delta-Endotoxin Gene And Methods For Its Use	US	11/765,494	20070620	2007-0238646	7,482,432	20090127	20240826
86	ATHENIX CORPORATION	APA 009	AXMI-004, Novel Delta-Endotoxin Gene And Methods For Its Use	AU	2013200703	20040220		2013200703	20160825	20240220
87	ATHENIX CORPORATION	APA 009	AXMI-004, Novel Delta-Endotoxin Gene And Methods For Its Use	IN	8260/DELNP/2009	20040220		295225	20180328	20240220
88	ATHENIX CORPORATION	APA 009	AXMI-004, Novel Delta-Endotoxin Gene And Methods For Its Use	NZ	588625	20040220		588625	20111010	20240220
89	ATHENIX CORPORATION	APA 009	AXMI-004, Novel Delta-Endotoxin Gene And Methods For Its Use	US	10/782,020	20040219	2004-0197916	7,355,099	20080408	20240905
90	ATHENIX CORPORATION	APA 009	AXMI-004, Novel Delta-Endotoxin Gene And Methods For Its Use	US	12/032,445	20080215	2008-0172764	8,101,825	20120124	20240905
91	ATHENIX CORPORATION	APA 009	AXMI-004, Novel Delta-Endotoxin Gene And Methods For Its Use	US	12/032,479	20080215	2008-0176801	8,171,590	20120508	20300715
92	ATHENIX CORPORATION	APA 015	AXMI-008, Novel Delta-Endotoxin Gene And Methods For Its Use	US	10/781,979	20040219	2004-0260311	7,351,881	20080401	20250117
93	ATHENIX CORPORATION	APA 015	AXMI-008, Novel Delta-Endotoxin Gene And Methods For Its Use	US	12/026,341	20080205	2008-0183399	8,044,266	20111025	20250117
94	ATHENIX CORPORATION	APA 015	AXMI-008, Novel Delta-Endotoxin Gene And Methods For Its Use	US	12/026,427	20080205	2009-0023654	8,133,856	20120313	20300526
95	ATHENIX CORPORATION	APA 019	AXMI-010, A Delta-Endotoxin Gene And Methods For Its Use	CH	4794128.1	20041005		1678310	20111005	20241005
96	ATHENIX CORPORATION	APA 019	AXMI-010, A Delta-Endotoxin Gene And Methods For Its Use	DE	4794128.1	20041005		602004034729.9	20111005	20241005
97	ATHENIX CORPORATION	APA 019	AXMI-010, A Delta-Endotoxin Gene And Methods For Its Use	EP	4794128.1	20041005	N/A	1678310	20111005	20241005
98	ATHENIX CORPORATION	APA 019	AXMI-010, A Delta-Endotoxin Gene And Methods For Its Use	ES	4794128.1	20041005		4794128.1	20111005	20241005
99	ATHENIX CORPORATION	APA 019	AXMI-010, A Delta-Endotoxin Gene And Methods For Its Use	FR	4794128.1	20041005		1678310	20111005	20241005
100	ATHENIX CORPORATION	APA 019	AXMI-010, A Delta-Endotoxin Gene And Methods For Its Use	GB	4794128.1	20041005		1678310	20111005	20241005
101	ATHENIX CORPORATION	APA 019	AXMI-010, A Delta-Endotoxin Gene And Methods For Its Use	US	11/657,964	20070125	2010-0037348	7,692,068	20100406	20270125
102	ATHENIX CORPORATION	APA 019	AXMI-010, A Delta-Endotoxin Gene And Methods For Its Use	US	12/701,567	20100207	US20100138961A1	8,299,323 B2	20121030	20270125
103	ATHENIX CORPORATION	APA 021	Computational Methods For Synthetic Gene Design	BR	PI0818307-7	20081009				20281009
104	ATHENIX CORPORATION	APA 021	Computational Methods For Synthetic Gene Design	CA	2,702,084	20081009		2702084	20170725	20281009
105	ATHENIX CORPORATION	APA 021	Computational Methods For Synthetic Gene Design	CN	200880110786.5	20081009		200880110786.5	20130522	20281009
106	ATHENIX CORPORATION	APA 021	Computational Methods For Synthetic Gene Design	DE	6837046.5	20081009		602008005920.0	20110330	20281009
107	ATHENIX CORPORATION	APA 021	Computational Methods For Synthetic Gene Design	FR	6837046.5	20081009		2208157	20110330	20281009
108	ATHENIX CORPORATION	APA 021	Computational Methods For Synthetic Gene Design	GB	6837046.5	20081009		2208157	20110330	20281009
109	ATHENIX CORPORATION	APA 021	Computational Methods For Synthetic Gene Design	IN	2398/DELNP/2010	20081009				20281009
110	ATHENIX CORPORATION	APA 021	Computational Methods For Synthetic Gene Design	US	12/248,750	20081009	2009-0137409	8,175,813	20120508	20300530
111	ATHENIX CORPORATION	APA 022	GRG-1 Herbicide Resistance Gene And Methods For Its Use	US	12/352,532	20090112	2009-0119797	8,097,775	20120117	20280817
112	ATHENIX CORPORATION	APA 024	AZMI-027, A Delta Endotoxin Gene And Methods For Its Use	US	11/396,808	20060403	2006-0242732	7,874,959	20100309	20261208
113	ATHENIX CORPORATION	APA 024	AZMI-027, A Delta Endotoxin Gene And Methods For Its Use	US	12/691,115	20100121	US20100137216	8,236,757	20120807	20300927
114	ATHENIX CORPORATION	APA 025	AXMI-028 And AXMI-029, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	US	12/166,124	20080701	2009-0036303	8,314,292	20121120	20310623
115	ATHENIX CORPORATION	APA 025	AXMI-028 And AXMI-029, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	US	12/166,209	20080701	2009-0036377	7,803,391	20100928	20310317
116	ATHENIX CORPORATION	APA 025	AXMI-028 And AXMI-029, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	US	12/166,239	20080701	2009-0055969	7,803,925	20100928	20281219
117	ATHENIX CORPORATION	APA 025	AXMI-028 And AXMI-029, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	US	12/166,253	20080701	2009-0054335	7,811,598	20101012	20281229
118	ATHENIX CORPORATION	APA 026	GRG-8 Genes Conferring Herbicide Resistance	AU	2005330520	20051222		2005330520	20120906	20251222
119	ATHENIX CORPORATION	APA 026	GRG-8 Genes Conferring Herbicide Resistance	BR	PI0519583-3	20051222	1991			20251222
120	ATHENIX CORPORATION	APA 026	GRG-8 Genes Conferring Herbicide Resistance	CA	2,592,563	20051222		2,592,563	20160119	20251222
121	ATHENIX CORPORATION	APA 026	GRG-8 Genes Conferring Herbicide Resistance	CH	5657842.8	20051222		1838656	20110330	20251222
122	ATHENIX CORPORATION	APA 026	GRG-8 Genes Conferring Herbicide Resistance	CN	200580047922.7	20051222	CN101124324	ZL200580047922.7	20150819	20251222
123	ATHENIX CORPORATION	APA 026	GRG-8 Genes Conferring Herbicide Resistance	DE	5657842.8	20051222		602005027253.4	20110330	20251222
124	ATHENIX CORPORATION	APA 026	GRG-8 Genes Conferring Herbicide Resistance	EP	05857842.8	20051222	1838656	1838656	20110330	20251222
125	ATHENIX CORPORATION	APA 026	GRG-8 Genes Conferring Herbicide Resistance	FR	5657842.8	20051222		1838656	20110330	20251222
126	ATHENIX CORPORATION	APA 026	GRG-8 Genes Conferring Herbicide Resistance	GB	5657842.8	20051222		1838656	20110330	20251222
127	ATHENIX CORPORATION	APA 026	GRG-8 Genes Conferring Herbicide Resistance	IN	2580/KOLNP/2007	20051222		256541	20051222	20251222

RECORDED: 04/19/2013
PATENT
REEL: 049148 FRAME: 0559

128	ATHENIX CORPORATION	APA 026	GRG-8 Genes Conferring Herbicide Resistance	US	11/315,678	20051222	2006-0150270	7,504,997	20090519	20260919
129	ATHENIX CORPORATION	APA 027	Cis-Acting Regulatory Elements From Tripsacum Dactyloides	US	11/377,318	20060316	2006-0218662	7,485,461	20090203	20260315
130	ATHENIX CORPORATION	APA 030	Identification Of A New Class Of EPSP Synthases	AR	P06 01 01402	20060407				20260407
131	ATHENIX CORPORATION	APA 030	Identification Of A New Class Of EPSP Synthases	AU	2006235283	20060407		2006235283	20120906	20260407
132	ATHENIX CORPORATION	APA 030	Identification Of A New Class Of EPSP Synthases	CA	2,603,465	20060407		2603465	20150630	20260407
133	ATHENIX CORPORATION	APA 030	Identification Of A New Class Of EPSP Synthases	CN	200680018320.X	20060407	CN101176550	200680018320.X	20130904	20260407
134	ATHENIX CORPORATION	APA 030	Identification Of A New Class Of EPSP Synthases	IN	3760/KOLNP/2007	20080407		255541	20180405	20260407
135	ATHENIX CORPORATION	APA 030	Identification Of A New Class Of EPSP Synthases	MX	MX/a/2007/012462	20080407				20260407
136	ATHENIX CORPORATION	APA 030	Identification Of A New Class Of EPSP Synthases	US	11/400,598	20060407	2006-0253921	7,700,842	20100420	20260115
137	ATHENIX CORPORATION	APA 031	AXMI-031, AXMI-039 and AXMI-40, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	AR	P070102518	20070614	402			20270614
138	ATHENIX CORPORATION	APA 031	AXMI-031, AXMI-039 and AXMI-40, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	AR	P180100742	20180327				20270614
139	ATHENIX CORPORATION	APA 031	AXMI-031, AXMI-039 and AXMI-40, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	AU	2007260716	20070614		2007260716	20130905	20270614
140	ATHENIX CORPORATION	APA 031	AXMI-031, AXMI-039 and AXMI-40, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	BE	07812139.9	20070614		2032598	20121017	20270614
141	ATHENIX CORPORATION	APA 031	AXMI-031, AXMI-039 and AXMI-40, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	BG	07812139.9	20070614	2032598	2032598	20121017	20270614
142	ATHENIX CORPORATION	APA 031	AXMI-031, AXMI-039 and AXMI-40, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	BR	PI0713646-3	20070614	RPI12181	PI0713646-3	20171121	20271121
143	ATHENIX CORPORATION	APA 031	AXMI-031, AXMI-039 and AXMI-40, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	CH	07812139.9	20070614		2032598	20121017	20270614
144	ATHENIX CORPORATION	APA 031	AXMI-031, AXMI-039 and AXMI-40, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	CN	200780029753.3	20070614	CN101501086	ZL200780029753.3	20120112	20270614
145	ATHENIX CORPORATION	APA 031	AXMI-031, AXMI-039 and AXMI-40, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	DE	602007026178.3	20070614	2032598	2032598	20121017	20270614
146	ATHENIX CORPORATION	APA 031	AXMI-031, AXMI-039 and AXMI-40, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	DK	07812139.9	20070614	2032598	2032598	20121017	20270614
147	ATHENIX CORPORATION	APA 031	AXMI-031, AXMI-039 and AXMI-40, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	EP	07812139.9	20070614	2032598	2032598	20121017	20270614
148	ATHENIX CORPORATION	APA 031	AXMI-031, AXMI-039 and AXMI-40, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	ES	07812139.9	20070614		2032598	20121017	20270614
149	ATHENIX CORPORATION	APA 031	AXMI-031, AXMI-039 and AXMI-40, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	FR	07812139.9	20070614	2032598	2032598	20121017	20270614
150	ATHENIX CORPORATION	APA 031	AXMI-031, AXMI-039 and AXMI-40, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	GB	07812139.9	20070614	2032598	2032598	20121017	20270614
151	ATHENIX CORPORATION	APA 031	AXMI-031, AXMI-039 and AXMI-40, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	HK	09108207.3	20070614		1128395b	20130719	20270614
152	ATHENIX CORPORATION	APA 031	AXMI-031, AXMI-039 and AXMI-40, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	HU	07812139.9	20070614				20270614
153	ATHENIX CORPORATION	APA 031	AXMI-031, AXMI-039 and AXMI-40, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	IN	4872/KOLNP/2008	20070614		295030	20180327	20270614
154	ATHENIX CORPORATION	APA 031	AXMI-031, AXMI-039 and AXMI-40, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	IT	07812139.9	20070614		2032598	20121017	20270614
155	ATHENIX CORPORATION	APA 031	AXMI-031, AXMI-039 and AXMI-40, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	NL	07812139.9	20070614		2032598	20121017	20270614
156	ATHENIX CORPORATION	APA 031	AXMI-031, AXMI-039 and AXMI-40, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	NZ	573398	20070614		573398	20120305	20270614
157	ATHENIX CORPORATION	APA 031	AXMI-031, AXMI-039 and AXMI-40, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	PL	07812139.9	20070614	2032598	2032598	20121017	20270614
158	ATHENIX CORPORATION	APA 031	AXMI-031, AXMI-039 and AXMI-40, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	RO	07812139.9	20070614	2032598	2032598	20121017	20270614
159	ATHENIX CORPORATION	APA 031	AXMI-031, AXMI-039 and AXMI-40, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	TR	07812139.9	20070614	2032598	2032598	20121017	20270614
160	ATHENIX CORPORATION	APA 031	AXMI-031, AXMI-039 and AXMI-40, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	US	11/762,886	20070614	2007-0294787	7,923,602	20110412	20280519
161	ATHENIX CORPORATION	APA 031	AXMI-031, AXMI-039 and AXMI-40, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	US	12/364,335	20090202	US20090181116A1	8,147,856	20120403	20300415
162	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	AR	P060105264	20061129	AR057205	057205	20180427	20261129
163	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	AT	6844685.5	20061201		1963510	20090826	20261201
164	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	AU	2006320516	20061201		2006320516	20131203	20261201
165	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	BE	6844685.5	20061201		1963510	20090826	20261201
166	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	BG	6844685.5	20061201		1963510	20090826	20261201
167	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	CA	2,631,406	20061201		2631406	20141014	20261201
168	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	CH	6844685.5	20061201		1963510	20090826	20261201
169	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	CN	200680052151.5	20061201	CN101336294	CN101336294B	20160803	20261201
170	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	CZ	6844685.5	20061201		1963510	20090826	20261201
171	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	DE	6844685.5	20061201		602006008627.2	20090826	20261201
172	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	DK	6844685.5	20061201		1963510	20090826	20261201
173	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	EE	6844685.5	20061201		1963510	20090826	20261201
174	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	EP	06844685.5	20061201	1963510	1963510	20090826	20261201
175	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	EP	09004550.1	20061201	2074754	2314795	20140430	20261201
176	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	ES	6844685.5	20061201		1963510	20090826	20261201
177	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	FI	6844685.5	20061201		1963510	20090826	20261201
178	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	FR	6844685.5	20061201		1963510	20090826	20261201
179	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	GB	6844685.5	20061201		1963510	20090826	20261201
180	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	GR	6844685.5	20061201		3070570	20090828	20261201
181	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	HR	6844685.5	20061201		P20090510	20090826	20261201
182	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	HU	6844685.5	20061201		1963510	20090826	20261201
183	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	IE	6844685.5	20061201		1963510	20090826	20261201
184	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	IN	2147/KOLNP/2008	20061201		291476	20130108	20261201
185	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	IT	6844685.5	20061201		1963510	20090826	20261201
186	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	LT	6844685.5	20061201		1963510	20090826	20261201
187	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	LU	6844685.5	20061201		1963510	20090826	20261201

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188	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	LV	6844685.5	20061201		1983510	20090826	20261201
189	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	MK	6844685.5	20061201		MK/P/2009/369	20090826	20261201
190	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	MX	MX/a/2008/000006767	20061201		274360	20100318	20261201
191	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	NL	6844685.5	20061201		1983510	20090826	20261201
192	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	NZ	569433	20061201		569433	20120305	20261201
193	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	PL	6844685.5	20061201		1983510	20090826	20261201
194	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	PT	6844685.5	20061201		1983510	20090826	20261201
195	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	RO	6844685.5	20061201		1983510	20090826	20261201
196	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	RS	6844685.5	20061201		P-2009/0511	20090826	20261201
197	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	RU	2008126711	20061201		2393325	20100627	20261201
198	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	SE	6844685.5	20061201		1983510	20090826	20261201
199	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	SI	6844685.5	20061201		1983510	20090826	20261201
200	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	SK	6844685.5	20061201		1983510	20090826	20261201
201	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	TR	6844685.5	20061201		1983510	20090826	20261201
202	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	UA	200805448	20061201		92622	20101125	20261201
203	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	US	11/605,824	20061129	2007-0136640	7,874,958	20100909	20260324
204	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	US	12/468,205	20090519	2009-0277771	8,309,332	20121113	20300602
205	ATHENIX CORPORATION	APA 034	GRG-23 Genes Conferring Herbicide Resistance	ZA	2008/04596	20061201		2008/04596	20090930	20261201
206	ATHENIX CORPORATION	APA 035	Herbicide Resistant Glutamine Synthetases And Methods Of Use	US	11/760,602	20070608	2009-0018016	7,910,805	20110322	20290512
207	ATHENIX CORPORATION	APA 035	Herbicide Resistant Glutamine Synthetases And Methods Of Use	US	13/027,666	20110215	US20110136200	8,101,389	20130124	20270608
208	ATHENIX CORPORATION	APA 036	Novel EPSP Synthase Genes Conferring Herbicide Resistance	US	11/760,570	20070608	2007-0289035	9,045,765	20150602	20290828
209	ATHENIX CORPORATION	APA 039	AXMI-037 And AXMI-043, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	AR	P070102651	20070615				20270615
210	ATHENIX CORPORATION	APA 039	AXMI-037 And AXMI-043, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	EP	16194435.0	20161018	3150625			20270615
211	ATHENIX CORPORATION	APA 039	AXMI-037 And AXMI-043, A Family Of Novel Delta-Endotoxin Genes And Methods For Their Use	US	13/166,454	20110624	US20110263488A1	8,829,279	20140909	20270615
212	ATHENIX CORPORATION	APA 046	GRG33, GRG35 And GRG36: Novel EPSP Synthase Genes Conferring Herbicide Resistance	US	11/769,327	20070627	2007-0300326	7,960,615	20110614	20290927
213	ATHENIX CORPORATION	APA 047	GRG32, A Novel EPSP Synthase Gene Conferring Herbicide Resistance	US	11/769,255	20070627	2007-0300325	8,003,864	20110823	20291203
214	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases: Compositions And Methods Of Use	AR	P070105274	20071128	519			20271128
215	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases: Compositions And Methods Of Use	AU	2007347119	20071120		2007347119	20120607	20271120
216	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases: Compositions And Methods Of Use	BG	7873298.9	20071120		2087124	20110511	20271120
217	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases: Compositions And Methods Of Use	BR	PI0719672-5	20071120		PI0719672-5	20170905	20271120
218	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases: Compositions And Methods Of Use	CA	2,671,203	20071120		2,671,203	20150310	20271120
219	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases: Compositions And Methods Of Use	CN	200780049630.6	20071120	CN101600800A	ZL200780049630.6	20130828	20271120
220	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases: Compositions And Methods Of Use	CN	201301317783.1	20071120	103484481 A	201301317783.1	2018-1020	20271120
221	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases: Compositions And Methods Of Use	DE	7873298.9	20071120		602007014671.6	20110511	20271120
222	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases: Compositions And Methods Of Use	EG	PCT 798/2009	20071120				20271120
223	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases: Compositions And Methods Of Use	EP	07873298.9	20071120	2087124	2087124	20110511	20271120
224	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases: Compositions And Methods Of Use	ES	7873298.9	20071120		2087124	20110511	20271120
225	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases: Compositions And Methods Of Use	FR	7873298.9	20071120		2087124	20110511	20271120
226	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases: Compositions And Methods Of Use	GB	7873298.9	20071120		2087124	20110511	20271120
227	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases: Compositions And Methods Of Use	HR	7873298.9	20071120		P20110587	20110511	20271120
228	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases: Compositions And Methods Of Use	HU	7873298.9	20071120		2087124	20110511	20271120
229	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases: Compositions And Methods Of Use	ID	W00200901412	20071120	049.2916A	IDP 0.044.101	20161020	20271120
230	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases: Compositions And Methods Of Use	IT	7873298.9	20071120		2087124	20110511	20271120
231	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases: Compositions And Methods Of Use	NL	7873298.9	20071120		2087124	20110511	20271120
232	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases: Compositions And Methods Of Use	NZ	577310	20071120		577310	20110930	20271120
233	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases: Compositions And Methods Of Use	PT	7873298.9	20071120		2087124	20110511	20271120
234	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases: Compositions And Methods Of Use	RO	7873298.9	20071120		2087124	20110511	20271120
235	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases: Compositions And Methods Of Use	RS	7873298.9	20071120		P-20110347	20110511	20271120
236	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases: Compositions And Methods Of Use	SK	7873298.9	20071120		2087124	20110511	20271120
237	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases: Compositions And Methods Of Use	TR	7873298.9	20071120		2087124	20110511	20271120
238	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases: Compositions And Methods Of Use	US	11/943,801	20071121	2008-0127372	7,834,249	20101116	20280106
239	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases: Compositions And Methods Of Use	US	12/556,021	20100813	2011-0030091	8,252,980	20120828	20261129
240	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases: Compositions And Methods Of Use	US	12/556,056	20100813	US20110252502A1	8,252,981	20120828	20280324
241	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases: Compositions And Methods Of Use	US	12/556,072	20100813	US20110252179A1	8,280,523	20121009	20280324
242	ATHENIX CORPORATION	APA 049	GRG-23 EPSP Synthases: Compositions And Methods Of Use	US	12/556,082	20100813	US20110236950A1	8,450,267	20130528	20310624
243	ATHENIX CORPORATION	APA 052	Synthetic Genes Encoding A Cry1Ac	AU	2008310796	20081010		2008310796	20150618	20281010
244	ATHENIX CORPORATION	APA 052	Synthetic Genes Encoding A Cry1Ac	BR	BR122018060871	20081010				20281010
245	ATHENIX CORPORATION	APA 052	Synthetic Genes Encoding A Cry1Ac	BR	PI0817854-2	20081010		PI0817854-2	20160502	20281010
246	ATHENIX CORPORATION	APA 052	Synthetic Genes Encoding A Cry1Ac	CA	2702231	20081010		2,702,231	20170103	20281010
247	ATHENIX CORPORATION	APA 052	Synthetic Genes Encoding A Cry1Ac	CN	200880110655.2	20081010		200880110655.2	20111106	20281010

248	ATHENIX CORPORATION	APA 052	Synthetic Genes Encoding A Cry1Ac	MX	MX/A/2010/003891	20081016		308651	20130118	20281016
249	ATHENIX CORPORATION	APA 052	Synthetic Genes Encoding A Cry1Ac	ZA	2010/02505	20081016		2010/02505	20110831	20281016
250	ATHENIX CORPORATION	APA 053	AXMI-066 And AXMI-076: Delta-Endotoxin Proteins And Methods For Their Use	AR	P080104500	20081016	509			20281016
251	ATHENIX CORPORATION	APA 053	AXMI-066 And AXMI-076: Delta-Endotoxin Proteins And Methods For Their Use	AU	2008312488	20081016		2008312488	20141103	20281016
252	ATHENIX CORPORATION	APA 053	AXMI-066 And AXMI-076: Delta-Endotoxin Proteins And Methods For Their Use	BR	PI0818661-8	20081016				20281016
253	ATHENIX CORPORATION	APA 053	AXMI-066 And AXMI-076: Delta-Endotoxin Proteins And Methods For Their Use	CA	2702998	20081016		2702998	20170606	20281016
254	ATHENIX CORPORATION	APA 053	AXMI-066 And AXMI-076: Delta-Endotoxin Proteins And Methods For Their Use	CA	2958841	20170201				20281016
255	ATHENIX CORPORATION	APA 053	AXMI-066 And AXMI-076: Delta-Endotoxin Proteins And Methods For Their Use	CN	200880111674.1	20081016		ZL200880111674.1	20141013	20281016
256	ATHENIX CORPORATION	APA 053	AXMI-066 And AXMI-076: Delta-Endotoxin Proteins And Methods For Their Use	EP	17153422.5	20170126	3181579			20281016
257	ATHENIX CORPORATION	APA 053	AXMI-066 And AXMI-076: Delta-Endotoxin Proteins And Methods For Their Use	MX	MX/A/2010/004104	20081016				20281016
258	ATHENIX CORPORATION	APA 053	AXMI-066 And AXMI-076: Delta-Endotoxin Proteins And Methods For Their Use	ZA	2010/02644	20081016		2010/02644	20110920	20281016
259	ATHENIX CORPORATION	APA 054	Synthetic AXMI-004 Delta-Endotoxin Genes And Methods For Thier Use	US	12/209,354	20080912	2009-0099081	8,541,366	20130924	20301015
260	ATHENIX CORPORATION	APA 055	Directed Evolution Of GRG31 And GRG38 EPSP Synthase Enzymes	US	12/382,774	20090130	2009-0205076	7,960,616	20110614	20290028
261	ATHENIX CORPORATION	APA 055	Directed Evolution Of GRG31 And GRG38 EPSP Synthase Enzymes	US	13/101,351	20110505	US20110223648A1	8,247,535	20120821	20290130
262	ATHENIX CORPORATION	APA 056	Compositions And Methods For Expression Of A Heterologous Nucleotide Sequence In Plants	AR	P090103440	20090908				20290908
263	ATHENIX CORPORATION	APA 056	Compositions And Methods For Expression Of A Heterologous Nucleotide Sequence In Plants	AU	2009289505	20090908		2009289505	20140424	20290908
264	ATHENIX CORPORATION	APA 056	Compositions And Methods For Expression Of A Heterologous Nucleotide Sequence In Plants	BR	PI0918617.4	20090908				20290908
265	ATHENIX CORPORATION	APA 056	Compositions And Methods For Expression Of A Heterologous Nucleotide Sequence In Plants	CA	2736244	20090908		2736244	20180116	20290908
266	ATHENIX CORPORATION	APA 056	Compositions And Methods For Expression Of A Heterologous Nucleotide Sequence In Plants	CN	200980134479.5	20090908		200980134479.5	20141126	20290908
267	ATHENIX CORPORATION	APA 056	Compositions And Methods For Expression Of A Heterologous Nucleotide Sequence In Plants	DE	602009029719.5	20090908	2334795	2334795	20140409	20290908
268	ATHENIX CORPORATION	APA 056	Compositions And Methods For Expression Of A Heterologous Nucleotide Sequence In Plants	EP	09792298.3	20090908	2334795	2078754	20140409	20290908
269	ATHENIX CORPORATION	APA 056	Compositions And Methods For Expression Of A Heterologous Nucleotide Sequence In Plants	ES	09792298.3	20090908	2334795	2078754	20140409	20290908
270	ATHENIX CORPORATION	APA 056	Compositions And Methods For Expression Of A Heterologous Nucleotide Sequence In Plants	FR	09792298.3	20090908	2334795	2334795	20140409	20290908
271	ATHENIX CORPORATION	APA 056	Compositions And Methods For Expression Of A Heterologous Nucleotide Sequence In Plants	HU	09792298.3	20090908	2334795	2334795	20140410	20290908
272	ATHENIX CORPORATION	APA 056	Compositions And Methods For Expression Of A Heterologous Nucleotide Sequence In Plants	IN	1615/DELNP/2011	20090908				20290908
273	ATHENIX CORPORATION	APA 056	Compositions And Methods For Expression Of A Heterologous Nucleotide Sequence In Plants	MX	MX/a/2011/002477	20090908	320683	320683	20140529	20290908
274	ATHENIX CORPORATION	APA 056	Compositions And Methods For Expression Of A Heterologous Nucleotide Sequence In Plants	RO	09792298.3	20090908	2334795	2334795	20140430	20290908
275	ATHENIX CORPORATION	APA 056	Compositions And Methods For Expression Of A Heterologous Nucleotide Sequence In Plants	TR	09792298.3	20090908	2334795	2334795	20140430	20290908
276	ATHENIX CORPORATION	APA 056	Compositions And Methods For Expression Of A Heterologous Nucleotide Sequence In Plants	US	12/559,175	20090908	US20100071090A1	8,426,204	20130423	20310406
277	ATHENIX CORPORATION	APA 056	Compositions And Methods For Expression Of A Heterologous Nucleotide Sequence In Plants	ZA	2011/01693	20090908	n/a	2011/01693	20130626	20290908
278	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	AR	P09 01 02357	20090625				20290625
279	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	AU	2009262163	20090625				20290625
280	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	AU	2013203547	20090625		2013203547	20160901	20290625
281	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	BR	PI0914780-2	20090625				20290625
282	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	CA	2,729,294	20090625				20290625
283	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	CN	200980122563.5	20090625		ZL 200980122563.5	20150701	20290625
284	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	CN	201510303590.X	20090625				20290625
285	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	CO	10157545	20090625				20290625
286	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	EA	201400248	20140319				20290625
287	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	EP	14153350.5	20090625	2727933			20290625
288	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	ID	W00201004305	20090625		IDP000048269	20171018	20290625
289	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	IN	8373/DELNP/2010	20090625				
290	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	MX	MX/A/2010/013910	20090625		314946	20131101	20290625
291	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	MX	MX/a/2013/012816	20090625		351227	20170904	20290625
292	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	NZ	589991	20090625		589991	20130104	20290625
293	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	NZ	602352	20090625		602352	20140930	20290625
294	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	PH	1-2010-502830	20090625	1/2010/502830	1/2010/502830	20150505	20290625
295	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	PH	1-2014-500606	20090625	1/2014/500606			20290625
296	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	UA	201015122	20090625		112405	20160912	20290625
297	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	UA	2014 02091	20090625				20290625
298	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	US	12/491,395	20090625	2010-0005543	8461421	20130611	20310610
299	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	US	13/893753	20130514	US-2013-0305412	9556255	20170131	20308409
300	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	US	15/364561	20161129	US20170101447A1			20290625
301	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	ZA	2010/09045	20090625		2010/09045	20130227	20290625
302	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	AM	201071312	20090625		20327	20141030	20290625
303	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	AZ	201071312	20090625		20327	20141030	20290625
304	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	BY	201071312	20090625		20327	20141030	20290625
305	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	KG	201071312	20090625		20327	20141030	20290625
306	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	KZ	201071312	20090625		20327	20141030	20290625
307	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	MD	201071312	20090625		20327	20141030	20290625

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308	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	RU	201071312	20090625		20327	20141030	20290625
309	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	TJ	2010071312	20090625		20327	20141030	20290625
310	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	TM	2010071312	20090625		20327	20141030	20290625
311	ATHENIX CORPORATION	APA 058	AXMI-115, AXMI-113, And AXMI-005: Insecticidal Proteins And Methods For Their Use	AR	P09 01 02480	20090702				20290702
312	ATHENIX CORPORATION	APA 058	AXMI-115, AXMI-113, And AXMI-005: Insecticidal Proteins And Methods For Their Use	AU	2009266906	20090702		2009266906	20141127	20290702
313	ATHENIX CORPORATION	APA 058	AXMI-115, AXMI-113, And AXMI-005: Insecticidal Proteins And Methods For Their Use	BR	PI0916829-0	20090702				20290702
314	ATHENIX CORPORATION	APA 058	AXMI-115, AXMI-113, And AXMI-005: Insecticidal Proteins And Methods For Their Use	CA	2,726,622	20090702				20290702
315	ATHENIX CORPORATION	APA 058	AXMI-115, AXMI-113, And AXMI-005: Insecticidal Proteins And Methods For Their Use	CL	1457-2010	20090702				20290702
316	ATHENIX CORPORATION	APA 058	AXMI-115, AXMI-113, And AXMI-005: Insecticidal Proteins And Methods For Their Use	CN	200980123077.5	20090702	CN102076789A	ZL200980123077.5	20141015	20290702
317	ATHENIX CORPORATION	APA 058	AXMI-115, AXMI-113, And AXMI-005: Insecticidal Proteins And Methods For Their Use	CN	201410462263.4	20090702	CN 104283749A			20290702
318	ATHENIX CORPORATION	APA 058	AXMI-115, AXMI-113, And AXMI-005: Insecticidal Proteins And Methods For Their Use	EA	201071323	20090702				20290702
319	ATHENIX CORPORATION	APA 058	AXMI-115, AXMI-113, And AXMI-005: Insecticidal Proteins And Methods For Their Use	EP	EP15157791.3	20090702				20290701
320	ATHENIX CORPORATION	APA 058	AXMI-115, AXMI-113, And AXMI-005: Insecticidal Proteins And Methods For Their Use	HK	11110101.3	20090702	HK1155783			
321	ATHENIX CORPORATION	APA 058	AXMI-115, AXMI-113, And AXMI-005: Insecticidal Proteins And Methods For Their Use	ID	W00201004366	20090702		IDP000048218	20171018	20290702
322	ATHENIX CORPORATION	APA 058	AXMI-115, AXMI-113, And AXMI-005: Insecticidal Proteins And Methods For Their Use	IN	9002/DELNP/2010	20090702				20290702
323	ATHENIX CORPORATION	APA 058	AXMI-115, AXMI-113, And AXMI-005: Insecticidal Proteins And Methods For Their Use	JP	2014-116665	20090702		6051454	20161209	20290702
324	ATHENIX CORPORATION	APA 058	AXMI-115, AXMI-113, And AXMI-005: Insecticidal Proteins And Methods For Their Use	MX	MX/A/2010/014376	20090702				20290702
325	ATHENIX CORPORATION	APA 058	AXMI-115, AXMI-113, And AXMI-005: Insecticidal Proteins And Methods For Their Use	MX	MX/a/2015/004283	20090702				20280702
326	ATHENIX CORPORATION	APA 058	AXMI-115, AXMI-113, And AXMI-005: Insecticidal Proteins And Methods For Their Use	NZ	590039	20090702		590039	20130301	20290702
327	ATHENIX CORPORATION	APA 058	AXMI-115, AXMI-113, And AXMI-005: Insecticidal Proteins And Methods For Their Use	NZ	602351	20090702		602351	20140801	20290702
328	ATHENIX CORPORATION	APA 058	AXMI-115, AXMI-113, And AXMI-005: Insecticidal Proteins And Methods For Their Use	PH	1-2010-502880	20090702	1/2010/502880	1/2010/502880	20150617	20290702
329	ATHENIX CORPORATION	APA 058	AXMI-115, AXMI-113, And AXMI-005: Insecticidal Proteins And Methods For Their Use	UA	2010-15270	20090702		105968	20141110	20290702
330	ATHENIX CORPORATION	APA 058	AXMI-115, AXMI-113, And AXMI-005: Insecticidal Proteins And Methods For Their Use	US	12/497,221	20090702	2010-0004178	8,334,431	20121218	20300310
331	ATHENIX CORPORATION	APA 058	AXMI-115, AXMI-113, And AXMI-005: Insecticidal Proteins And Methods For Their Use	US	14/731552	20130605	20150299274A1	9909140	20180306	20290815
332	ATHENIX CORPORATION	APA 058	AXMI-115, AXMI-113, And AXMI-005: Insecticidal Proteins And Methods For Their Use	ZA	2010/09074	20090702	n/a	2010/09074	20130227	20290702
333	ATHENIX CORPORATION	APA 059	Pesticidal Genes From Brevibacillus And Methods For Their Use	US	13/779,524	20130227	US-2013-0167264	9218823	20160113	20300601
334	ATHENIX CORPORATION	APA 060	Genes Encoding Nematode Toxins	AR	P090104682	20091215	AR074672			20291215
335	ATHENIX CORPORATION	APA 060	Genes Encoding Nematode Toxins	BR	PI0923334-2	20091215				20291215
336	ATHENIX CORPORATION	APA 060	Genes Encoding Nematode Toxins	CA	2746766	20091215		2746766	20160123	20291215
337	ATHENIX CORPORATION	APA 060	Genes Encoding Nematode Toxins	CN	200980150173.9	20091215	CN102369280A	200980150173.9	20150211	20291215
338	ATHENIX CORPORATION	APA 060	Genes Encoding Nematode Toxins	IN	4450/DELNP/2011	20091215				
339	ATHENIX CORPORATION	APA 060	Genes Encoding Nematode Toxins	MX	MX/A/2011/008342	20091215	n/a	323039	20140822	20291215
340	ATHENIX CORPORATION	APA 060	Genes Encoding Nematode Toxins	US	12/638,591	20091215		8,404,934	20130326	20301017
341	ATHENIX CORPORATION	APA 060	Genes Encoding Nematode Toxins	US	13/747,740	20130123	20130133107A1	9243259	20160126	20300301
342	ATHENIX CORPORATION	APA 060	Genes Encoding Nematode Toxins	ZA	222/2012	20091215		2011/04388	20130227	20291215
343	ATHENIX CORPORATION	APA 061	AXMI-150 Delta-Endotoxin Gene And Methods For Its Use	ES	09804380.7	20091223		2379724	20150121	20291223
344	ATHENIX CORPORATION	APA 061	AXMI-150 Delta-Endotoxin Gene And Methods For Its Use	FR	2379724	20091223		2379724	20150121	20291223
345	ATHENIX CORPORATION	APA 061	AXMI-150 Delta-Endotoxin Gene And Methods For Its Use	HU	2379724	20091223		2379724	20150121	20291223
346	ATHENIX CORPORATION	APA 061	AXMI-150 Delta-Endotoxin Gene And Methods For Its Use	RO	2379724	20091223		2379724	20150121	20291223
347	ATHENIX CORPORATION	APA 061	AXMI-150 Delta-Endotoxin Gene And Methods For Its Use	US	12/646,804	20091223	US20100160231A1	8,084,416	20111227	20291223
348	ATHENIX CORPORATION	APA 061	AXMI-150 Delta-Endotoxin Gene And Methods For Its Use	US	13/302,428	20111122	US20120073016	8,791,326	20140729	20300306
349	ATHENIX CORPORATION	APA 062	Pesticidal Proteins And Methods For Their Use	AR	P100100586	20100226				20300226
350	ATHENIX CORPORATION	APA 062	Pesticidal Proteins And Methods For Their Use	AU	2010217915	20100226				20300226
351	ATHENIX CORPORATION	APA 062	Pesticidal Proteins And Methods For Their Use	BR	PI1008740.0	20100226				20300226
352	ATHENIX CORPORATION	APA 062	Pesticidal Proteins And Methods For Their Use	CA	2753491	20100226				20300226
353	ATHENIX CORPORATION	APA 062	Pesticidal Proteins And Methods For Their Use	CN	201080016163.X	20100226		ZL201080016163.X	20160123	20300226
354	ATHENIX CORPORATION	APA 062	Pesticidal Proteins And Methods For Their Use	EA	201170980	20100226		028111	20160730	20300226
355	ATHENIX CORPORATION	APA 062	Pesticidal Proteins And Methods For Their Use	EP	10706110.3	20100226	2537638	2401360	20150819	20300226
356	ATHENIX CORPORATION	APA 062	Pesticidal Proteins And Methods For Their Use	EP	19170499.0	20100226				20300226
357	ATHENIX CORPORATION	APA 062	Pesticidal Proteins And Methods For Their Use	IN	6617/DELNP/2011	20100226	6617/DELNP/2011			20300226
358	ATHENIX CORPORATION	APA 062	Pesticidal Proteins And Methods For Their Use	JP	2011-552167	20100226	P5746055	5746055	20150515	20300226
359	ATHENIX CORPORATION	APA 062	Pesticidal Proteins And Methods For Their Use	JP	2015-095253	20100226		6132364	20170428	20300226
360	ATHENIX CORPORATION	APA 062	Pesticidal Proteins And Methods For Their Use	MX	MX/A/2011/008955	20100226		330540	20150312	20300226
361	ATHENIX CORPORATION	APA 062	Pesticidal Proteins And Methods For Their Use	MX	MX/a/2015/003937	20100226				20290227
362	ATHENIX CORPORATION	APA 062	Pesticidal Proteins And Methods For Their Use	US	12/713,239	20100226		8315900	20121127	20310317
363	ATHENIX CORPORATION	APA 062	Pesticidal Proteins And Methods For Their Use	US	14/711252	20150513	US-2015-0247184			20300226
364	ATHENIX CORPORATION	APA 062	Pesticidal Proteins And Methods For Their Use	ZA	2011/06260	20100226		2011/06260	20140430	20300226
365	ATHENIX CORPORATION	APA 063	Variant AXMI-R1 Delta-Endotoxin Gene And Methods For Its Use	AR	P100100380	20100205	AR075371			20300205
366	ATHENIX CORPORATION	APA 063	Variant AXMI-R1 Delta-Endotoxin Gene And Methods For Its Use	BR	PI1007915-7	20100205				20300205
367	ATHENIX CORPORATION	APA 063	Variant AXMI-R1 Delta-Endotoxin Gene And Methods For Its Use	CA	2,751,409	20100205				20300205

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368	ATHENIX CORPORATION	APA 063	Variant AXMI-R1 Delta-Endotoxin Gene And Methods For Its Use	CN	201080011962.7	20100205		201080011962.7	20141210	20300205
369	ATHENIX CORPORATION	APA 063	Variant AXMI-R1 Delta-Endotoxin Gene And Methods For Its Use	EA	201171006	20100205				20300205
370	ATHENIX CORPORATION	APA 063	Variant AXMI-R1 Delta-Endotoxin Gene And Methods For Its Use	HU	14153319.0	20100205	2728007	2728007	20170125	20300205
371	ATHENIX CORPORATION	APA 063	Variant AXMI-R1 Delta-Endotoxin Gene And Methods For Its Use	ID	W00201102703	20100205				20300205
372	ATHENIX CORPORATION	APA 063	Variant AXMI-R1 Delta-Endotoxin Gene And Methods For Its Use	IN	5612/DELNP/2011	20100205				20300205
373	ATHENIX CORPORATION	APA 063	Variant AXMI-R1 Delta-Endotoxin Gene And Methods For Its Use	JP	2011-549274	20100205		6000185	20160923	20300205
374	ATHENIX CORPORATION	APA 063	Variant AXMI-R1 Delta-Endotoxin Gene And Methods For Its Use	MX	MX/a/2011/008248	20100205		320830	20140605	20300205
375	ATHENIX CORPORATION	APA 063	Variant AXMI-R1 Delta-Endotoxin Gene And Methods For Its Use	PH	1-2011-501570	20100205				20300205
376	ATHENIX CORPORATION	APA 063	Variant AXMI-R1 Delta-Endotoxin Gene And Methods For Its Use	RO	14153319.0	20100205	2728007	2728007	20170125	20300205
377	ATHENIX CORPORATION	APA 063	Variant AXMI-R1 Delta-Endotoxin Gene And Methods For Its Use	UA	201110568	20100205		108197	20150410	20300205
378	ATHENIX CORPORATION	APA 063	Variant AXMI-R1 Delta-Endotoxin Gene And Methods For Its Use	US	12/701,058	20100205	US-2010-0197592	8289217	20121030	20300826
379	ATHENIX CORPORATION	APA 063	Variant AXMI-R1 Delta-Endotoxin Gene And Methods For Its Use	ZA	2011/05746	20100205		2011/05746	20130529	20300205
380	ATHENIX CORPORATION	APA 064	Methods And Compositions For Controlling Plant Pests	US	12/718,059	20100305		7,919,272	20110405	20300305
381	ATHENIX CORPORATION	APA 064	Methods And Compositions For Controlling Plant Pests	US	13/027,816	20110215		8,078,593	20111213	20300305
382	ATHENIX CORPORATION	APA 064	Methods And Compositions For Controlling Plant Pests	US	13/301,199	20111121		8,440,882	20130514	20300305
383	ATHENIX CORPORATION	APA 066	AXMI-205 Pesticidal Gene And Methods For It's Use	AR	P100102357	20100701				20300701
384	ATHENIX CORPORATION	APA 066	AXMI-205 Pesticidal Gene And Methods For It's Use	BR	BR1120120000308	20100701				20300701
385	ATHENIX CORPORATION	APA 066	AXMI-205 Pesticidal Gene And Methods For It's Use	CA	2765800	20100701				20300701
386	ATHENIX CORPORATION	APA 066	AXMI-205 Pesticidal Gene And Methods For It's Use	CN	201080038789.X	20100701		102648818	20170405	20300701
387	ATHENIX CORPORATION	APA 066	AXMI-205 Pesticidal Gene And Methods For It's Use	DE	10732575.5	20100701		602010035784.9	20160928	20300701
388	ATHENIX CORPORATION	APA 066	AXMI-205 Pesticidal Gene And Methods For It's Use	EP	10732575.5	20100701		2449109	20160928	20300701
389	ATHENIX CORPORATION	APA 066	AXMI-205 Pesticidal Gene And Methods For It's Use	ES	10732575.5	20100701		2449109	20160928	20300701
390	ATHENIX CORPORATION	APA 066	AXMI-205 Pesticidal Gene And Methods For It's Use	FR	10732575.5	20100701		2449109	20160928	20300701
391	ATHENIX CORPORATION	APA 066	AXMI-205 Pesticidal Gene And Methods For It's Use	GB	2012000782	20100701		2449109	20160928	20300701
392	ATHENIX CORPORATION	APA 066	AXMI-205 Pesticidal Gene And Methods For It's Use	HU	10732575.5	20100701		2449109	20160928	20300701
393	ATHENIX CORPORATION	APA 066	AXMI-205 Pesticidal Gene And Methods For It's Use	IN	144/DELNP/2012	20100701	n/a			20300701
394	ATHENIX CORPORATION	APA 066	AXMI-205 Pesticidal Gene And Methods For It's Use	IT	10732575.5	20100701		2449109	20160928	20300701
395	ATHENIX CORPORATION	APA 066	AXMI-205 Pesticidal Gene And Methods For It's Use	MX	MX/a/2012/000202	20100701		323192	20140905	20300701
396	ATHENIX CORPORATION	APA 066	AXMI-205 Pesticidal Gene And Methods For It's Use	MX	MX/a/2014/010571	20100701		346215	20170519	20300701
397	ATHENIX CORPORATION	APA 066	AXMI-205 Pesticidal Gene And Methods For It's Use	PL	10732575.5	20100701		2449109	20160928	20300701
398	ATHENIX CORPORATION	APA 066	AXMI-205 Pesticidal Gene And Methods For It's Use	RO	10732575.5	20100701		2449109	20160928	20300701
399	ATHENIX CORPORATION	APA 066	AXMI-205 Pesticidal Gene And Methods For It's Use	RS	10732575.5	20100701		56550	20160928	20300701
400	ATHENIX CORPORATION	APA 066	AXMI-205 Pesticidal Gene And Methods For It's Use	TR	10732575.5	20100701		2449109	20160928	20300701
401	ATHENIX CORPORATION	APA 066	AXMI-205 Pesticidal Gene And Methods For It's Use	UA	a201200702	20100701	N/A	105049	20141004	20300701
402	ATHENIX CORPORATION	APA 066	AXMI-205 Pesticidal Gene And Methods For It's Use	US	12/826,594	20100701	US-2011-0023184	8,575425	20131105	20311021
403	ATHENIX CORPORATION	APA 066	AXMI-205 Pesticidal Gene And Methods For It's Use	US	14/057250	20131018	2014-0051837	9280487	20160216	20310112
404	ATHENIX CORPORATION	APA 066	AXMI-205 Pesticidal Gene And Methods For It's Use	US	14/057282	20131018	US2014-0046049	9221883	20151229	20310317
405	ATHENIX CORPORATION	APA 066	AXMI-205 Pesticidal Gene And Methods For It's Use	ZA	2012/00161	20100701		2012/00161	20150128	20300701
406	ATHENIX CORPORATION	APA 067	AXMI-192 Family of Pesticidal Genes and Methods for Their Use	AR	P100102780	20100730				20300730
407	ATHENIX CORPORATION	APA 067	AXMI-192 Family of Pesticidal Genes and Methods for Their Use	AU	2010278843	20100730		2010278843	20160901	20300730
408	ATHENIX CORPORATION	APA 067	AXMI-192 Family of Pesticidal Genes and Methods for Their Use	AU	2013205250	20130410		2013205250	20160901	20300730
409	ATHENIX CORPORATION	APA 067	AXMI-192 Family of Pesticidal Genes and Methods for Their Use	AU	2016213894	20160808		2016213894	20180201	20300730
410	ATHENIX CORPORATION	APA 067	AXMI-192 Family of Pesticidal Genes and Methods for Their Use	BR	BR112012002275-0	20100730				20300730
411	ATHENIX CORPORATION	APA 067	AXMI-192 Family of Pesticidal Genes and Methods for Their Use	CA	2,769,543	20100730				20300730
412	ATHENIX CORPORATION	APA 067	AXMI-192 Family of Pesticidal Genes and Methods for Their Use	CN	201080043772.3	20100730		ZL201080043772.3	20180424	20300730
413	ATHENIX CORPORATION	APA 067	AXMI-192 Family of Pesticidal Genes and Methods for Their Use	CN	201810244642.4	20180323				20300730
414	ATHENIX CORPORATION	APA 067	AXMI-192 Family of Pesticidal Genes and Methods for Their Use	DE	PCT/US10/43671	20100730		2459587	20160316	20300730
415	ATHENIX CORPORATION	APA 067	AXMI-192 Family of Pesticidal Genes and Methods for Their Use	EA	201200199/26	20100730				20300730
416	ATHENIX CORPORATION	APA 067	AXMI-192 Family of Pesticidal Genes and Methods for Their Use	EP	10739608.3	20100730		2459587	20160316	20300730
417	ATHENIX CORPORATION	APA 067	AXMI-192 Family of Pesticidal Genes and Methods for Their Use	FR	PCT/US10/43671	20100730		2459587	20160316	20300730
418	ATHENIX CORPORATION	APA 067	AXMI-192 Family of Pesticidal Genes and Methods for Their Use	GB	PCT/US10/43671	20100730		2459587	20160316	20300730
419	ATHENIX CORPORATION	APA 067	AXMI-192 Family of Pesticidal Genes and Methods for Their Use	IN	1160/DELNP/2012	20100730				20300730
420	ATHENIX CORPORATION	APA 067	AXMI-192 Family of Pesticidal Genes and Methods for Their Use	IT	PCT/US10/43671	20100730		2459587	20160316	20300730
421	ATHENIX CORPORATION	APA 067	AXMI-192 Family of Pesticidal Genes and Methods for Their Use	MX	MX/a/2012/001426	20100730		322066	20140716	20300730
422	ATHENIX CORPORATION	APA 067	AXMI-192 Family of Pesticidal Genes and Methods for Their Use	MX	MX/a/2014/008593	20100730				20300730
423	ATHENIX CORPORATION	APA 067	AXMI-192 Family of Pesticidal Genes and Methods for Their Use	PK	671/2010	20100730				20300730
424	ATHENIX CORPORATION	APA 067	AXMI-192 Family of Pesticidal Genes and Methods for Their Use	TH	1201000099	20100730	171885			20300730
425	ATHENIX CORPORATION	APA 067	AXMI-192 Family of Pesticidal Genes and Methods for Their Use	US	12/846,890	20100730	2011-0030096	8491415	20130911	20310406
426	ATHENIX CORPORATION	APA 067	AXMI-192 Family of Pesticidal Genes and Methods for Their Use	ZA	2012/00723	20100730		2012/00723	20140326	20300730

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427	ATHENIX CORPORATION	APA 068	AXMI218, AXMI219, AXMI220, AXMI226, AXMI227, AXMI228, AXMI229, AXMI230, And AXMI231 Delta-Endotoxin Genes And Methods For Their Use	US	13/030,399	20110218	US20110203014	8,759,619	20140624	20330502
428	ATHENIX CORPORATION	APA 068	AXMI218, AXMI219, AXMI220, AXMI226, AXMI227, AXMI228, AXMI229, AXMI230, And AXMI231 Delta-Endotoxin Genes And Methods For Their Use	US	14/272056	20140508	20140245491A1	9,150,895	20151013	20310218
429	ATHENIX CORPORATION	APA 069	AXMI221z, AXMI222z, AXMI223z, AXMI224z, And AXMI225z Delta-Endotoxin Genes And Methods For Their Use	AR	P110100480	20110217				20310217
430	ATHENIX CORPORATION	APA 069	AXMI221z, AXMI222z, AXMI223z, AXMI224z, And AXMI225z Delta-Endotoxin Genes And Methods For Their Use	AU	2011218131	20110203		2011218131	20110217	20310217
431	ATHENIX CORPORATION	APA 069	AXMI221z, AXMI222z, AXMI223z, AXMI224z, And AXMI225z Delta-Endotoxin Genes And Methods For Their Use	BD	46/2011	20110217				20270217
432	ATHENIX CORPORATION	APA 069	AXMI221z, AXMI222z, AXMI223z, AXMI224z, And AXMI225z Delta-Endotoxin Genes And Methods For Their Use	BR	112012020705-9	20110217				20310217
433	ATHENIX CORPORATION	APA 069	AXMI221z, AXMI222z, AXMI223z, AXMI224z, And AXMI225z Delta-Endotoxin Genes And Methods For Their Use	CA	2790029	20110217				20310217
434	ATHENIX CORPORATION	APA 069	AXMI221z, AXMI222z, AXMI223z, AXMI224z, And AXMI225z Delta-Endotoxin Genes And Methods For Their Use	CO	12 138994	20110217	n/a			20310207
435	ATHENIX CORPORATION	APA 069	AXMI221z, AXMI222z, AXMI223z, AXMI224z, And AXMI225z Delta-Endotoxin Genes And Methods For Their Use	DE	15171477.1	20150908	2937419	602011040757.9	20170816	20310217
436	ATHENIX CORPORATION	APA 069	AXMI221z, AXMI222z, AXMI223z, AXMI224z, And AXMI225z Delta-Endotoxin Genes And Methods For Their Use	EP	11730108.9	20110217	2536267	2536267	20150722	20310217
437	ATHENIX CORPORATION	APA 069	AXMI221z, AXMI222z, AXMI223z, AXMI224z, And AXMI225z Delta-Endotoxin Genes And Methods For Their Use	EP	15171477.1	20150908	2937419	2937419	20170816	20310217
438	ATHENIX CORPORATION	APA 069	AXMI221z, AXMI222z, AXMI223z, AXMI224z, And AXMI225z Delta-Endotoxin Genes And Methods For Their Use	ES	15171477.1	20150908	2937419	2937419	20170816	20310217
439	ATHENIX CORPORATION	APA 069	AXMI221z, AXMI222z, AXMI223z, AXMI224z, And AXMI225z Delta-Endotoxin Genes And Methods For Their Use	FR	15171477.1	20150908	2937419	2937419	20170816	20310217
440	ATHENIX CORPORATION	APA 069	AXMI221z, AXMI222z, AXMI223z, AXMI224z, And AXMI225z Delta-Endotoxin Genes And Methods For Their Use	HU	15171477.1	20150908	2937419	2937419	20170816	20310217
441	ATHENIX CORPORATION	APA 069	AXMI221z, AXMI222z, AXMI223z, AXMI224z, And AXMI225z Delta-Endotoxin Genes And Methods For Their Use	IT	15171477.1	20150908	2937419	2937419	20170816	20310217
442	ATHENIX CORPORATION	APA 069	AXMI221z, AXMI222z, AXMI223z, AXMI224z, And AXMI225z Delta-Endotoxin Genes And Methods For Their Use	MX	MX/a/2012/009632	20110217		324337	20141010	20310217
443	ATHENIX CORPORATION	APA 069	AXMI221z, AXMI222z, AXMI223z, AXMI224z, And AXMI225z Delta-Endotoxin Genes And Methods For Their Use	MX	MX/a/2014/012109	20141007		347766	20170512	20310217
444	ATHENIX CORPORATION	APA 069	AXMI221z, AXMI222z, AXMI223z, AXMI224z, And AXMI225z Delta-Endotoxin Genes And Methods For Their Use	NL	15171477.1	20150908	2937419	2937419	20170816	20310217
445	ATHENIX CORPORATION	APA 069	AXMI221z, AXMI222z, AXMI223z, AXMI224z, And AXMI225z Delta-Endotoxin Genes And Methods For Their Use	PK	99/2011	20110217				20310217
446	ATHENIX CORPORATION	APA 069	AXMI221z, AXMI222z, AXMI223z, AXMI224z, And AXMI225z Delta-Endotoxin Genes And Methods For Their Use	RO	11730108.9	20110217	2536267	2536267	20150722	20310217
447	ATHENIX CORPORATION	APA 069	AXMI221z, AXMI222z, AXMI223z, AXMI224z, And AXMI225z Delta-Endotoxin Genes And Methods For Their Use	RO	15171477.1	20150908	2937419	2937419	20170816	20310217
448	ATHENIX CORPORATION	APA 069	AXMI221z, AXMI222z, AXMI223z, AXMI224z, And AXMI225z Delta-Endotoxin Genes And Methods For Their Use	US	13/030,416	20110218	US20110203015	8,686,124	20140401	20310421
449	ATHENIX CORPORATION	APA 069	AXMI221z, AXMI222z, AXMI223z, AXMI224z, And AXMI225z Delta-Endotoxin Genes And Methods For Their Use	US	14/207950	20140313	US-2014-0196175	9200249	20151208	20300218
450	ATHENIX CORPORATION	APA 069	AXMI221z, AXMI222z, AXMI223z, AXMI224z, And AXMI225z Delta-Endotoxin Genes And Methods For Their Use	US	14/032494	20131104	US-20160053278			20300218
451	ATHENIX CORPORATION	APA 069	AXMI221z, AXMI222z, AXMI223z, AXMI224z, And AXMI225z Delta-Endotoxin Genes And Methods For Their Use	ZA	2012/06087	20110217		2012/06087	20141029	20310217
452	ATHENIX CORPORATION	APA11-6003	AXMI232, AXMI233, AND AXMI249 TOXIN GENES AND METHODS FOR THEIR USE	US	14/007,686	20120329	20140096281A1	9095440	20170704	20350706
453	ATHENIX CORPORATION	APA11-6004	AXMI236 TOXIN GENE AND METHODS FOR ITS USE	AR	P 12 01 02746	20120727				20320727
454	ATHENIX CORPORATION	APA11-6004	AXMI236 TOXIN GENE AND METHODS FOR ITS USE	BR	BR112014002027-2	20120727				20320727
455	ATHENIX CORPORATION	APA11-6004	AXMI236 TOXIN GENE AND METHODS FOR ITS USE	CA	2,844,355	20120727				20320727
456	ATHENIX CORPORATION	APA11-6004	AXMI236 TOXIN GENE AND METHODS FOR ITS USE	CN	201280046405.8	20120727				20320727
457	ATHENIX CORPORATION	APA11-6004	AXMI236 TOXIN GENE AND METHODS FOR ITS USE	EA	201490374	20120727				20340227
458	ATHENIX CORPORATION	APA11-6004	AXMI236 TOXIN GENE AND METHODS FOR ITS USE	IN	483/CHENP/2014	20120727				20320727
459	ATHENIX CORPORATION	APA11-6004	AXMI236 TOXIN GENE AND METHODS FOR ITS USE	UA	2014 02007	20120727				20340227
460	ATHENIX CORPORATION	APA11-6004	AXMI236 TOXIN GENE AND METHODS FOR ITS USE	ZA	2014/00561	20120727		201400561	20150826	20320727
461	ATHENIX CORPORATION	APA11-6006	AXMI238 TOXIN GENE AND METHODS FOR ITS USE	US	14/007,685	20120326	US-2014-0033353	9321814	20160426	20320714
462	ATHENIX CORPORATION	APA11-6017	AXMI254 AND AXMI266 TOXIN GENES AND METHODS FOR THEIR USE	US	15247196	20160825				20320417
463	ATHENIX CORPORATION	APA11-6017	AXMI254 AND AXMI266 TOXIN GENES AND METHODS FOR THEIR USE	US	15/943934	20180405				20320417
464	ATHENIX CORPORATION	APA11-6020	Axmi277 Nematode Toxin and Methods for its Use	AR	P120102382	20120629	764			20320629
465	ATHENIX CORPORATION	APA11-6020	Axmi277 Nematode Toxin and Methods for its Use	BO	SP 00213-2012	20120629				20320629
466	ATHENIX CORPORATION	APA11-6020	Axmi277 Nematode Toxin and Methods for its Use	BR	BR112013033592-0	20120629				20320629
467	ATHENIX CORPORATION	APA11-6020	Axmi277 Nematode Toxin and Methods for its Use	CA	2,840,689	20120629				20320629
468	ATHENIX CORPORATION	APA11-6020	Axmi277 Nematode Toxin and Methods for its Use	CN	201280042123.4	20120629	103998810			20320629
469	ATHENIX CORPORATION	APA11-6020	Axmi277 Nematode Toxin and Methods for its Use	EP	12737397.5	20120629	2726647			20320629
470	ATHENIX CORPORATION	APA11-6020	Axmi277 Nematode Toxin and Methods for its Use	IN	3829/KOLNP/2013	20120629				20320629
471	ATHENIX CORPORATION	APA11-6020	Axmi277 Nematode Toxin and Methods for its Use	PK	420/2012	20120629				20320629
472	ATHENIX CORPORATION	APA11-6020	Axmi277 Nematode Toxin and Methods for its Use	PY	30448	20120629				20320629
473	ATHENIX CORPORATION	APA11-6020	Axmi277 Nematode Toxin and Methods for its Use	RU	2014102759	20120629				20320629
474	ATHENIX CORPORATION	APA11-6020	Axmi277 Nematode Toxin and Methods for its Use	UA	201315289	20120629				20320629
475	ATHENIX CORPORATION	APA11-6020	Axmi277 Nematode Toxin and Methods for its Use	US	14/127574	20120629	20140380521A1			20331219
476	ATHENIX CORPORATION	APA11-6020	Axmi277 Nematode Toxin and Methods for its Use	UY	34179	20120629	160			20320629
477	ATHENIX CORPORATION	APA11-6020	Axmi277 Nematode Toxin and Methods for its Use	ZA	2014/00199	20120629				20320629
478	ATHENIX CORPORATION	APA11-6021	Axmi115 Variant Insecticidal Gene and Methods for its Use	AP	AP/P/2013/007163	20120404				20320404
479	ATHENIX CORPORATION	APA11-6021	Axmi115 Variant Insecticidal Gene and Methods for its Use	AR	P120101158	20120404	n/a			20320404
480	ATHENIX CORPORATION	APA11-6021	Axmi115 Variant Insecticidal Gene and Methods for its Use	AU	2017202747	20170426				20320404
481	ATHENIX CORPORATION	APA11-6021	Axmi115 Variant Insecticidal Gene and Methods for its Use	BR	BR(120)1025865-8	20120404				20320404
482	ATHENIX CORPORATION	APA11-6021	Axmi115 Variant Insecticidal Gene and Methods for its Use	CA	2,832,087	20120404				20320404
483	ATHENIX CORPORATION	APA11-6021	Axmi115 Variant Insecticidal Gene and Methods for its Use	CN	201280027517.0	20120404				20320404
484	ATHENIX CORPORATION	APA11-6021	Axmi115 Variant Insecticidal Gene and Methods for its Use	EA	201391444	20120404				20320404
485	ATHENIX CORPORATION	APA11-6021	Axmi115 Variant Insecticidal Gene and Methods for its Use	EP	12714935.2	20120404				20320404

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486	ATHENIX CORPORATION	APA11-6021	Axmi115 Variant Insecticidal Gene and Methods for Its Use	ID	WO0 2013094540	20120404	2014/03117				20320404
487	ATHENIX CORPORATION	APA11-6021	Axmi115 Variant Insecticidal Gene and Methods for Its Use	IN	2880/KOLNP/2013	20120404					20320404
488	ATHENIX CORPORATION	APA11-6021	Axmi115 Variant Insecticidal Gene and Methods for Its Use	MX	MX/a/2013/011580	20120404		344229	20101207		20320404
489	ATHENIX CORPORATION	APA11-6021	Axmi115 Variant Insecticidal Gene and Methods for Its Use	MX	MX/a/2016/015033	20161116					20320404
490	ATHENIX CORPORATION	APA11-6021	Axmi115 Variant Insecticidal Gene and Methods for Its Use	OA	1201300426	20120404		16914	20140829		20320404
491	ATHENIX CORPORATION	APA11-6021	Axmi115 Variant Insecticidal Gene and Methods for Its Use	PK	0222/12	20120402					20320402
492	ATHENIX CORPORATION	APA11-6021	Axmi115 Variant Insecticidal Gene and Methods for Its Use	PY	15532	20120404					20320404
493	ATHENIX CORPORATION	APA11-6021	Axmi115 Variant Insecticidal Gene and Methods for Its Use	TH	1301005698	20120404					20320404
494	ATHENIX CORPORATION	APA11-6021	Axmi115 Variant Insecticidal Gene and Methods for Its Use	UA	201311758	20120404					20320404
495	ATHENIX CORPORATION	APA11-6021	Axmi115 Variant Insecticidal Gene and Methods for Its Use	US	14/851442	20150911	US-2016-0186202	9752158	20170905		20320530
496	ATHENIX CORPORATION	APA11-6021	Axmi115 Variant Insecticidal Gene and Methods for Its Use	US	14851555	20150911	20150376244	9982274	20180529		20310405
497	ATHENIX CORPORATION	APA11-6021	Axmi115 Variant Insecticidal Gene and Methods for Its Use	US	15/960817	20180424					20310405
498	ATHENIX CORPORATION	APA11-6021	Axmi115 Variant Insecticidal Gene and Methods for Its Use	UY	34,005	20120904	157				20320904
499	ATHENIX CORPORATION	APA11-6021	Axmi115 Variant Insecticidal Gene and Methods for Its Use	VN	1-2013-03204	20120404					20320404
500	ATHENIX CORPORATION	APA11-6021	Axmi115 Variant Insecticidal Gene and Methods for Its Use	ZA	2013/07383	20120404		2013/07383	20160127		20320404
501	ATHENIX CORPORATION	APA11-6029	Axmi205 Variant Proteins and Methods for Their Use	AR	P120102749	20120727	AR 088745 A1				20320727
502	ATHENIX CORPORATION	APA11-6029	Axmi205 Variant Proteins and Methods for Their Use	BR	BR112014001978-9	20120727					20320727
503	ATHENIX CORPORATION	APA11-6029	Axmi205 Variant Proteins and Methods for Their Use	CA	2,842,530	20120727					20320727
504	ATHENIX CORPORATION	APA11-6029	Axmi205 Variant Proteins and Methods for Their Use	CN	201280046408.1	20120727					20320727
505	ATHENIX CORPORATION	APA11-6029	Axmi205 Variant Proteins and Methods for Their Use	DE	12748303.0	20120727	2737069	602012036321.5	20170823		20320727
506	ATHENIX CORPORATION	APA11-6029	Axmi205 Variant Proteins and Methods for Their Use	EA	201490379	20120727					20340227
507	ATHENIX CORPORATION	APA11-6029	Axmi205 Variant Proteins and Methods for Their Use	EP	12748303.0	20120727	2737069	2737069	20170823		20320727
508	ATHENIX CORPORATION	APA11-6029	Axmi205 Variant Proteins and Methods for Their Use	ES	12748303.0	20120727	2737069	2737069	20170823		20320727
509	ATHENIX CORPORATION	APA11-6029	Axmi205 Variant Proteins and Methods for Their Use	FR	12748303.0	20120727	2737069	2737069	20170823		20320727
510	ATHENIX CORPORATION	APA11-6029	Axmi205 Variant Proteins and Methods for Their Use	HU	12748303.0	20120727	2737069	2737069	20170823		20320727
511	ATHENIX CORPORATION	APA11-6029	Axmi205 Variant Proteins and Methods for Their Use	IN	488/CHENP/2014	20120727					20320727
512	ATHENIX CORPORATION	APA11-6029	Axmi205 Variant Proteins and Methods for Their Use	IT	12748303.0	20120727	2737069	2737069	20170823		20320727
513	ATHENIX CORPORATION	APA11-6029	Axmi205 Variant Proteins and Methods for Their Use	MX	MX/a/2014/001089	20120727	n/a	351928	20171018		20320727
514	ATHENIX CORPORATION	APA11-6029	Axmi205 Variant Proteins and Methods for Their Use	PL	12748303.0	20120727	2737069	2737069	20170823		20320727
515	ATHENIX CORPORATION	APA11-6029	Axmi205 Variant Proteins and Methods for Their Use	RO	12748303.0	20120727	2737069	2737069	20170823		20320727
516	ATHENIX CORPORATION	APA11-6029	Axmi205 Variant Proteins and Methods for Their Use	RS	12748303.0	20120727	2737069	2737069	20170823		20320727
517	ATHENIX CORPORATION	APA11-6029	Axmi205 Variant Proteins and Methods for Their Use	TR	12748303.0	20120727	2737069	2737069	20170823		20320727
518	ATHENIX CORPORATION	APA11-6029	Axmi205 Variant Proteins and Methods for Their Use	UA	2014 02009	20120727					20340227
519	ATHENIX CORPORATION	APA11-6029	Axmi205 Variant Proteins and Methods for Their Use	US	14/233426	20120727	US-2014-0298536-A1	9862965	20180108		20360228
520	ATHENIX CORPORATION	APA11-6030	Axmi205 Variant Proteins and Methods for Their Use	US	15/828743	20171130	US-2018-0080039-A1				20310726
521	ATHENIX CORPORATION	APA11-6029	Axmi205 Variant Proteins and Methods for Their Use	ZA	2014/00562	20120727					20320727
522	ATHENIX CORPORATION	APA11-6030	Axmi270 Toxin Gene and Methods for Its Use	AR	P 12 01 02750	20120727					20320727
523	ATHENIX CORPORATION	APA11-6030	Axmi270 Toxin Gene and Methods for Its Use	BR	BR112014001909-6	20120727					20320727
524	ATHENIX CORPORATION	APA11-6030	Axmi270 Toxin Gene and Methods for Its Use	CA	2,844,357	20120727					20320727
525	ATHENIX CORPORATION	APA11-6030	Axmi270 Toxin Gene and Methods for Its Use	CN	201280046415.1	20120727					20320727
526	ATHENIX CORPORATION	APA11-6030	Axmi270 Toxin Gene and Methods for Its Use	MX	MX/a/2014/000993	20120727	n/a				20320727
527	ATHENIX CORPORATION	APA11-6030	Axmi270 Toxin Gene and Methods for Its Use	RU	2014107672	20120727					20340227
528	ATHENIX CORPORATION	APA11-6030	Axmi270 Toxin Gene and Methods for Its Use	UA	201400799	20120727					20320727
529	ATHENIX CORPORATION	APA11-6030	Axmi270 Toxin Gene and Methods for Its Use	US	14/233431	20120727	US2014-0223598	9526122	20161227		20340909
530	ATHENIX CORPORATION	APA11-6030	Axmi270 Toxin Gene and Methods for Its Use	ZA	2014/00563	20120727					20320727
531	ATHENIX CORPORATION	APA12-6001	AXMI335 TOXIN GENE AND METHODS FOR ITS USE	AR	P 13 01 00745	20130307					20330307
532	ATHENIX CORPORATION	APA12-6001	AXMI335 TOXIN GENE AND METHODS FOR ITS USE	BE	13710270.3	20130307		2822961	20170419		20330307
533	ATHENIX CORPORATION	APA12-6001	AXMI335 TOXIN GENE AND METHODS FOR ITS USE	BR	112014022034-4	20130307					20330307
534	ATHENIX CORPORATION	APA12-6001	AXMI335 TOXIN GENE AND METHODS FOR ITS USE	CA	2,866,239	20130307					20330308
535	ATHENIX CORPORATION	APA12-6001	AXMI335 TOXIN GENE AND METHODS FOR ITS USE	CH	13710270.3	20130307		2822961	2017/0419		20330307
536	ATHENIX CORPORATION	APA12-6001	AXMI335 TOXIN GENE AND METHODS FOR ITS USE	CN	201380012555.1	20130307					20330307
537	ATHENIX CORPORATION	APA12-6001	AXMI335 TOXIN GENE AND METHODS FOR ITS USE	DE	13710270.3	20130307		602013019988.4	20170419		20330307
538	ATHENIX CORPORATION	APA12-6001	AXMI335 TOXIN GENE AND METHODS FOR ITS USE	EP	13710270.3	20130307		2822961	20170419		20330307
539	ATHENIX CORPORATION	APA12-6001	AXMI335 TOXIN GENE AND METHODS FOR ITS USE	ES	13710270.3	20130307		2822961	20170419		20330307
540	ATHENIX CORPORATION	APA12-6001	AXMI335 TOXIN GENE AND METHODS FOR ITS USE	FR	13710270.3	20130307		2822961	20170419		20330307
541	ATHENIX CORPORATION	APA12-6001	AXMI335 TOXIN GENE AND METHODS FOR ITS USE	HU	13710270.3	20130307		2822961	20170419		20330307
542	ATHENIX CORPORATION	APA12-6001	AXMI335 TOXIN GENE AND METHODS FOR ITS USE	IN	2020/KOLNP/2014	20130307					20330307
543	ATHENIX CORPORATION	APA12-6001	AXMI335 TOXIN GENE AND METHODS FOR ITS USE	IT	13710270.3	20130307		502017000079524	20170419		20330307
544	ATHENIX CORPORATION	APA12-6001	AXMI335 TOXIN GENE AND METHODS FOR ITS USE	MX	MX/a/2014/010595	20130307					20330307
545	ATHENIX CORPORATION	APA12-6001	AXMI335 TOXIN GENE AND METHODS FOR ITS USE	NL	13710270.3	20130307		2822961	20170419		20330307

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546	ATHENIX CORPORATION	APA12-6001	AXMI335 TOXIN GENE AND METHODS FOR ITS USE	PY	99787	20130307					20330307
547	ATHENIX CORPORATION	APA12-6001	AXMI335 TOXIN GENE AND METHODS FOR ITS USE	RO	13710270.3	20130307		2822951	20170419		20330307
548	ATHENIX CORPORATION	APA12-6001	AXMI335 TOXIN GENE AND METHODS FOR ITS USE	UA	a201410826	20130307		115235	20171010		20330307
549	ATHENIX CORPORATION	APA12-6001	AXMI335 TOXIN GENE AND METHODS FOR ITS USE	US	14/376880	20130307	20150299273A1	9790258	20171017		20340513
550	ATHENIX CORPORATION	APA12-6001	AXMI335 TOXIN GENE AND METHODS FOR ITS USE	UY	34862	20130307	189				20330307
551	ATHENIX CORPORATION	APA12-6001	AXMI335 TOXIN GENE AND METHODS FOR ITS USE	ZA	2014/06824	20130307					20330307
552	ATHENIX CORPORATION	APA12-6002	AXMI345 DELTA-ENDOTOXIN GENE AND METHODS FOR ITS USE	AR	P 13 01 00746	20130307					20330307
553	ATHENIX CORPORATION	APA12-6002	AXMI345 DELTA-ENDOTOXIN GENE AND METHODS FOR ITS USE	BR	BR112014022166-9	20130307					20330307
554	ATHENIX CORPORATION	APA12-6002	AXMI345 DELTA-ENDOTOXIN GENE AND METHODS FOR ITS USE	CA	2,866,241	20130307					20330307
555	ATHENIX CORPORATION	APA12-6002	AXMI345 DELTA-ENDOTOXIN GENE AND METHODS FOR ITS USE	CN	201380012618.0	20130307					20330307
556	ATHENIX CORPORATION	APA12-6002	AXMI345 DELTA-ENDOTOXIN GENE AND METHODS FOR ITS USE	MX	MX/a/2014/010595	20130307					20330307
557	ATHENIX CORPORATION	APA12-6002	AXMI345 DELTA-ENDOTOXIN GENE AND METHODS FOR ITS USE	UA	a201410829	20130307		115235	20171010		20330307
558	ATHENIX CORPORATION	APA12-6002	AXMI345 DELTA-ENDOTOXIN GENE AND METHODS FOR ITS USE	US	14/376944	20130307	20140373195A1	9725735	20170808		20331016
559	ATHENIX CORPORATION	APA12-6002	AXMI345 DELTA-ENDOTOXIN GENE AND METHODS FOR ITS USE	ZA	2014/06823	20130307					20330307
560	ATHENIX CORPORATION	APA12-6010	AXMI-234 and AXMI-235 DELTA-ENDOTOXIN GENES AND METHODS FOR THEIR USE	US	14/424800	20130829	20150218583	9758793	20170912		20331114
561	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	AR	20130103290	20130913	AR 092564 A1				20330913
562	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	AU	2013315385	20130913					20330913
563	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	BD	SP 0287-2013	20130913	11789				20330913
564	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	BR	BR1120150056741	20130913					20330913
565	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	CA	2,884,895	20130913					20330913
566	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	CL	201500640	20130913					20330913
567	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	CN	201380053529.3	20130913	CN 104736699A				20330913
568	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	CO	15-62640	20130913					20330913
569	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	EA	201590387	20130913					20330913
570	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	EG	PCT376/2015	20130913					20330913
571	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	EP	16205678.8	20141223	3173477				20330913
572	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	ID	P00201501984	20130913					20330913
573	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	IL	237689	20130913					20330913
574	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	IN	2934/DELNP/2015	20130913					20350409
575	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	JP	2015-532063	20130913					20350312
576	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	KR	10-2015-7009501	20130913					20330913
577	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	MX	MX/a/2015/003322	20130913					20350313
578	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	MY	2015000825	20130913					20330913
579	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	MY	PI2018000460	20180328					20330913
580	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	PH	1-2015-500549	20130913	WO2014/043435				20330913
581	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	PK	0520/13	20130913					20330912
582	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	PY	42210/2013	20130913					20330913
583	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	TH	1501001427	20130913					20330913
584	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	UA	a 2015 03416	20130913					20350410
585	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	US	14/441638	20130913	US20150267180A1				20350508
586	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	UY	35035	20130913	175				20330913
587	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	VN	1-2015-01256	20130913					20330913
588	Bayer CropScience AG , Bayer CropScience LP	APA12-6011	HPPD VARIANTS AND METHODS OF USE	ZA	2015/02983	20130913					20330913
589	ATHENIX CORPORATION	APA13-6001	USE OF AXMI184 FOR THE CONTROL OF ROOTWORM INSECTS	AR	20140100458	20140213					20340213
590	ATHENIX CORPORATION	APA13-6001	USE OF AXMI184 FOR THE CONTROL OF ROOTWORM INSECTS	CA	2,901,190	20140212					20340212
591	ATHENIX CORPORATION	APA13-6001	USE OF AXMI184 FOR THE CONTROL OF ROOTWORM INSECTS	CN	201480008801.0	20140212	CN105426704079A				20340212
592	ATHENIX CORPORATION	APA13-6001	USE OF AXMI184 FOR THE CONTROL OF ROOTWORM INSECTS	EP	14707888.5	20140212		2956547	20180502		20340212
593	ATHENIX CORPORATION	APA13-6001	USE OF AXMI184 FOR THE CONTROL OF ROOTWORM INSECTS	MX	PCT/US14/15997	20140212					20340212
594	ATHENIX CORPORATION	APA13-6001	USE OF AXMI184 FOR THE CONTROL OF ROOTWORM INSECTS	UA	a201508812	20140212		115898	20180110		20340212
595	ATHENIX CORPORATION	APA13-6001	USE OF AXMI184 FOR THE CONTROL OF ROOTWORM INSECTS	US	14767380	20140212	20150376243				20350813
596	ATHENIX CORPORATION	APA13-6001	USE OF AXMI184 FOR THE CONTROL OF ROOTWORM INSECTS	ZA	2015/06034	20140212					20340212
597	ATHENIX CORPORATION	APA13-6008	AXMI368 TOXIN GENE AND METHODS FOR ITS USE	AR	20140100762	20140307					20340307
598	ATHENIX CORPORATION	APA13-6008	AXMI368 TOXIN GENE AND METHODS FOR ITS USE	AU	2014225732	20140306					20340306
599	ATHENIX CORPORATION	APA13-6008	AXMI368 TOXIN GENE AND METHODS FOR ITS USE	BD	SP-0084-2014	20140306					20340306
600	ATHENIX CORPORATION	APA13-6008	AXMI368 TOXIN GENE AND METHODS FOR ITS USE	BR	1120150216510	20140306					20350904
601	ATHENIX CORPORATION	APA13-6008	AXMI368 TOXIN GENE AND METHODS FOR ITS USE	CA	2,902,464	20140306					20340306
602	ATHENIX CORPORATION	APA13-6008	AXMI368 TOXIN GENE AND METHODS FOR ITS USE	CN	201480012846.X	20140306	CN105247054A				20350922
603	ATHENIX CORPORATION	APA13-6008	AXMI368 TOXIN GENE AND METHODS FOR ITS USE	EP	14713967.3	20140306					20340306
604	ATHENIX CORPORATION	APA13-6008	AXMI368 TOXIN GENE AND METHODS FOR ITS USE	ID	P00201508121	20140306					20340306
605	ATHENIX CORPORATION	APA13-6008	AXMI368 TOXIN GENE AND METHODS FOR ITS USE	IN	3261/KOLNP/2015	20140306					20351007

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606	ATHENIX CORPORATION	APA13-6008	AXMI368 TOXIN GENE AND METHODS FOR ITS USE	JP	2015-561637	20140306				20340306
607	ATHENIX CORPORATION	APA13-6008	AXMI368 TOXIN GENE AND METHODS FOR ITS USE	MX	MX/E/2015/064593	20140306				20350907
608	ATHENIX CORPORATION	APA13-6008	AXMI368 TOXIN GENE AND METHODS FOR ITS USE	PK						
609	ATHENIX CORPORATION	APA13-6008	AXMI368 TOXIN GENE AND METHODS FOR ITS USE	PY	95572014	20140307				20340307
610	ATHENIX CORPORATION	APA13-6008	AXMI368 TOXIN GENE AND METHODS FOR ITS USE	RU	2015142582	20140306				20340306
611	ATHENIX CORPORATION	APA13-6008	AXMI368 TOXIN GENE AND METHODS FOR ITS USE	UA	a 2015 09726	20140306				20351007
612	ATHENIX CORPORATION	APA13-6008	AXMI368 TOXIN GENE AND METHODS FOR ITS USE	US	14/773015	20140306	US20160017363A1			20340703
613	ATHENIX CORPORATION	APA13-6008	AXMI368 TOXIN GENE AND METHODS FOR ITS USE	UY	35366	20140306				20340306
614	ATHENIX CORPORATION	APA13-6008	AXMI368 TOXIN GENE AND METHODS FOR ITS USE	ZA	2015/07262	20140306				20340306
615	Bayer CropScience LP	APA13-6048	CONSTITUTIVE SOYBEAN PROMOTERS	AR	20140101075	20140314				20340314
616	Bayer CropScience LP	APA13-6048	CONSTITUTIVE SOYBEAN PROMOTERS	CA	2,903,226	20140311				20340311
617	Bayer CropScience LP	APA13-6048	CONSTITUTIVE SOYBEAN PROMOTERS	CN	201480015787	20140311	CN105102474			20340311
618	Bayer CropScience LP	APA13-6048	CONSTITUTIVE SOYBEAN PROMOTERS	EP	14719208.2	20140311	2970405			20340311
619	Bayer CropScience LP	APA13-6048	CONSTITUTIVE SOYBEAN PROMOTERS	MX	MX/a/2015/012171	20140311				20350910
620	Bayer CropScience LP	APA13-6048	CONSTITUTIVE SOYBEAN PROMOTERS	RU	2015144014	20140311				20340311
621	Bayer CropScience LP	APA13-6048	CONSTITUTIVE SOYBEAN PROMOTERS	UA	A 2015 10071	20140311				20340311
622	Bayer CropScience LP	APA13-6048	CONSTITUTIVE SOYBEAN PROMOTERS	US	14/767599	20140311	20150376643	9944938	20180417	20340311
623	Bayer CropScience LP	APA13-6048	CONSTITUTIVE SOYBEAN PROMOTERS	AU	2014237167	20140311				20340311
624	Bayer CropScience LP	APA13-6048	CONSTITUTIVE SOYBEAN PROMOTERS	BR	112015022954	20140311				20340311
625	Bayer CropScience LP	APA13-6048	CONSTITUTIVE SOYBEAN PROMOTERS	IN	2952/KOLNP/2015	20140311				20340311
626	Bayer CropScience LP	APA13-6048	CONSTITUTIVE SOYBEAN PROMOTERS	JP	2015501197	20140311				20350914
627	Bayer CropScience LP	APA13-6048	CONSTITUTIVE SOYBEAN PROMOTERS	ZA	2015/06590	20140311				20340311
628	ATHENIX CORPORATION	APA13-6050	AXMI281 TOXIN GENE AND METHODS FOR ITS USE	US	14/910342	20140808	US-20160177332	9862967	20180109	20341111
629	ATHENIX CORPORATION	APA13-6050	AXMI422 TOXIN GENE AND METHODS FOR ITS USE	AR	P140102979	20140807				20340807
630	ATHENIX CORPORATION	APA13-6050	AXMI422 TOXIN GENE AND METHODS FOR ITS USE	BO	SP-0211-2014	20140808				20340808
631	ATHENIX CORPORATION	APA13-6050	AXMI422 TOXIN GENE AND METHODS FOR ITS USE	BR	1120160021312	20140808				20340808
632	ATHENIX CORPORATION	APA13-6050	AXMI422 TOXIN GENE AND METHODS FOR ITS USE	CA	2,916,402	20140808				20340808
633	ATHENIX CORPORATION	APA13-6050	AXMI422 TOXIN GENE AND METHODS FOR ITS USE	CN	201480043994.3	20140808				20340808
634	ATHENIX CORPORATION	APA13-6050	AXMI422 TOXIN GENE AND METHODS FOR ITS USE	PY	34453/2014	20140808				20340808
635	ATHENIX CORPORATION	APA13-6050	AXMI422 TOXIN GENE AND METHODS FOR ITS USE	US	14/910479	20140808	US-2016-0201082			20340808
636	ATHENIX CORPORATION	APA13-6050	AXMI422 TOXIN GENE AND METHODS FOR ITS USE	UY	35698	20140808				20340808
637	ATHENIX CORPORATION	APA13-6050	AXMI422 TOXIN GENE AND METHODS FOR ITS USE	ZA	2016/00203	20140808	2016/00203	20180530		20340808
638	ATHENIX CORPORATION	APA13-6051	AXMI440 TOXIN GENE AND METHODS FOR ITS USE	AR	P140102980	20140807				20340807
639	ATHENIX CORPORATION	APA13-6051	AXMI440 TOXIN GENE AND METHODS FOR ITS USE	BO	SP-02110-2014	20140808				20340808
640	ATHENIX CORPORATION	APA13-6051	AXMI440 TOXIN GENE AND METHODS FOR ITS USE	BR	1120160021304	20140808				20340808
641	ATHENIX CORPORATION	APA13-6051	AXMI440 TOXIN GENE AND METHODS FOR ITS USE	CA	2,916,397	20140808				20340808
642	ATHENIX CORPORATION	APA13-6051	AXMI440 TOXIN GENE AND METHODS FOR ITS USE	CN	201480043993.9	20140808	CN105612170A			20340808
643	ATHENIX CORPORATION	APA13-6051	AXMI440 TOXIN GENE AND METHODS FOR ITS USE	EP	14824694.7	20140808	3030572			20340808
644	ATHENIX CORPORATION	APA13-6051	AXMI440 TOXIN GENE AND METHODS FOR ITS USE	IN	4274/KOLNP/2015	20140808				20340808
645	ATHENIX CORPORATION	APA13-6051	AXMI440 TOXIN GENE AND METHODS FOR ITS USE	MX	MX/a/2016/001507	20140808				20340808
646	ATHENIX CORPORATION	APA13-6051	AXMI440 TOXIN GENE AND METHODS FOR ITS USE	PY	34137/2014	20140807				20340807
647	ATHENIX CORPORATION	APA13-6051	AXMI440 TOXIN GENE AND METHODS FOR ITS USE	UA	a 2016 02083	20140808				20340808
648	ATHENIX CORPORATION	APA13-6051	AXMI440 TOXIN GENE AND METHODS FOR ITS USE	US	14/910474	20140808	US-2016-0185830			20340808
649	ATHENIX CORPORATION	APA13-6051	AXMI440 TOXIN GENE AND METHODS FOR ITS USE	UY	35696	20140808				20340808
650	ATHENIX CORPORATION	APA13-6051	AXMI440 TOXIN GENE AND METHODS FOR ITS USE	ZA	2016/00204	20140808				20340808
651	ATHENIX CORPORATION	APA13-6053	USE OF AXMI-011 FOR THE CONTROL OF HEMIPTERAN INSECTS	CN	201480064309.5	20141121	CN105794343			20341121
652	ATHENIX CORPORATION	APA13-6053	USE OF AXMI-011 FOR THE CONTROL OF HEMIPTERAN INSECTS	ID	P00201604175	20141121	2017710877			20341121
653	ATHENIX CORPORATION	APA13-6053	USE OF AXMI-011 FOR THE CONTROL OF HEMIPTERAN INSECTS	IN	201617020503	20141121				20341121
654	ATHENIX CORPORATION	APA13-6053	USE OF AXMI-011 FOR THE CONTROL OF HEMIPTERAN INSECTS	PH	1-2016-500965	20141121				20341121
655	ATHENIX CORPORATION	APA13-6053	USE OF AXMI-011 FOR THE CONTROL OF HEMIPTERAN INSECTS	PK	819/2014	20141120				20341120
656	ATHENIX CORPORATION	APA13-6053	USE OF AXMI-011 FOR THE CONTROL OF HEMIPTERAN INSECTS	TH	PCT/US2014/066750	20141121				20341121
657	ATHENIX CORPORATION	APA13-6053	USE OF AXMI-011 FOR THE CONTROL OF HEMIPTERAN INSECTS	VN	1-2016-02188	20141121				20341121
658	ATHENIX CORPORATION	APA13-6054	AXMI477, AXMI482, AXMI486 AND AXMI525 TOXIN GENES AND METHODS FOR THEIR USE	AR	P140104571	20141209				20341209
659	ATHENIX CORPORATION	APA13-6054	AXMI477, AXMI482, AXMI486 AND AXMI525 TOXIN GENES AND METHODS FOR THEIR USE	AU	2014364119	20141208				20341208
660	ATHENIX CORPORATION	APA13-6054	AXMI477, AXMI482, AXMI486 AND AXMI525 TOXIN GENES AND METHODS FOR THEIR USE	BO	SP-0292-2014	20141209				20341209
661	ATHENIX CORPORATION	APA13-6054	AXMI477, AXMI482, AXMI486 AND AXMI525 TOXIN GENES AND METHODS FOR THEIR USE	BR	1120160120432	20141208				20341208
662	ATHENIX CORPORATION	APA13-6054	AXMI477, AXMI482, AXMI486 AND AXMI525 TOXIN GENES AND METHODS FOR THEIR USE	CA	2931259	20141208				20341208
663	ATHENIX CORPORATION	APA13-6054	AXMI477, AXMI482, AXMI486 AND AXMI525 TOXIN GENES AND METHODS FOR THEIR USE	CN	201480064626.7	20141208	CN106164274A			20341208
664	ATHENIX CORPORATION	APA13-6054	AXMI477, AXMI482, AXMI486 AND AXMI525 TOXIN GENES AND METHODS FOR THEIR USE	EA	201691192	20141208				20341208
665	ATHENIX CORPORATION	APA13-6054	AXMI477, AXMI482, AXMI486 AND AXMI525 TOXIN GENES AND METHODS FOR THEIR USE	EP	14035605.6	20141208				20341208

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666	ATHENIX CORPORATION	APA13-6054	AXMI477, AXMI482, AXMI486 AND AXMI525 TOXIN GENES AND METHODS FOR THEIR USE	ID	PD02016504249	20141208	2017/09749			20341208
667	ATHENIX CORPORATION	APA13-6054	AXMI477, AXMI482, AXMI486 AND AXMI525 TOXIN GENES AND METHODS FOR THEIR USE	IN	201637017809	20141208				20341208
668	ATHENIX CORPORATION	APA13-6054	AXMI477, AXMI482, AXMI486 AND AXMI525 TOXIN GENES AND METHODS FOR THEIR USE	JP	2016-537835	20141208				20341208
669	ATHENIX CORPORATION	APA13-6054	AXMI477, AXMI482, AXMI486 AND AXMI525 TOXIN GENES AND METHODS FOR THEIR USE	KR	PCT/US2014/68989	20141208				20341208
670	ATHENIX CORPORATION	APA13-6054	AXMI477, AXMI482, AXMI486 AND AXMI525 TOXIN GENES AND METHODS FOR THEIR USE	MX	PCT/US2014/68989	20141208				20341208
671	ATHENIX CORPORATION	APA13-6054	AXMI477, AXMI482, AXMI486 AND AXMI525 TOXIN GENES AND METHODS FOR THEIR USE	PY	54024/2014	20141208				20341208
672	ATHENIX CORPORATION	APA13-6054	AXMI477, AXMI482, AXMI486 AND AXMI525 TOXIN GENES AND METHODS FOR THEIR USE	UA	a 2016 07471	20141208				20341208
673	ATHENIX CORPORATION	APA13-6054	AXMI477, AXMI482, AXMI486 AND AXMI525 TOXIN GENES AND METHODS FOR THEIR USE	US	15/102185	20141208	US20160311866			20341208
674	ATHENIX CORPORATION	APA13-6054	AXMI477, AXMI482, AXMI486 AND AXMI525 TOXIN GENES AND METHODS FOR THEIR USE	UY	35,866	20141209				20341209
675	ATHENIX CORPORATION	APA13-6054	AXMI477, AXMI482, AXMI486 AND AXMI525 TOXIN GENES AND METHODS FOR THEIR USE	ZA	2016/03471	20141208				20341208
676	BAYER CROPSCIENCE AKTIENGESELLSCHAF	APA14-6008	HPPD VARIANTS AND METHODS OF USE	AR						
677	BAYER CROPSCIENCE AKTIENGESELLSCHAF	APA14-6008	HPPD VARIANTS AND METHODS OF USE	BD	SP-0033-2015	20150311				20350311
678	BAYER CROPSCIENCE AKTIENGESELLSCHAF	APA14-6008	HPPD VARIANTS AND METHODS OF USE	PY	11188/2015	20150311				20350311
679	BAYER CROPSCIENCE AKTIENGESELLSCHAF	APA14-6008	HPPD VARIANTS AND METHODS OF USE	UY	36.028	20150311	193			20350311
680	Bayer CropScience LP	APA14-6008	HPPD VARIANTS AND METHODS OF USE	BR	1120160208897	20150310				20350310
681	Bayer CropScience LP	APA14-6008	HPPD VARIANTS AND METHODS OF USE	CA	2942171	20150310				20350310
682	Bayer CropScience LP	APA14-6008	HPPD VARIANTS AND METHODS OF USE	CN	201580019204.2	20150310	CN105459986A			20350310
683	Bayer CropScience LP	APA14-6008	HPPD VARIANTS AND METHODS OF USE	EP	15729981.1	20150310	3117003			20350310
684	Bayer CropScience LP	APA14-6008	HPPD VARIANTS AND METHODS OF USE	IN	201637030432	20150310				20350310
685	Bayer CropScience LP	APA14-6008	HPPD VARIANTS AND METHODS OF USE	MX	MX/a/2016/011745	20150310				20350310
686	Bayer CropScience LP	APA14-6008	HPPD VARIANTS AND METHODS OF USE	US	15/122552	20150310	US-2017-0166918-A1			20350310
687	Bayer CropScience LP	APA14-6008	HPPD VARIANTS AND METHODS OF USE	ZA	2016/06743	20150310				20350310
688	Bayer CropScience LP, Cornell University	APA15-6005	TAL EFFECTOR-MEDIATED HERBICIDE TOLERANCE	AR	20170101025	20170421				20370421
689	Bayer CropScience LP, Cornell University	APA15-6005	TAL EFFECTOR-MEDIATED HERBICIDE TOLERANCE	BD	SP00886-2017	20170421				20370421
690	Bayer CropScience LP, Cornell University	APA15-6005	TAL EFFECTOR-MEDIATED HERBICIDE TOLERANCE	PY	1723802	20170421				20370421
691	Bayer CropScience LP, Cornell University	APA15-6005	TAL EFFECTOR-MEDIATED HERBICIDE TOLERANCE	UY	37.208	20170421				20370421
692	Bayer CropScience LP, Cornell University	APA15-6005	TAL EFFECTOR-MEDIATED HERBICIDE TOLERANCE	WO	PCT/US2017/28357	20170419				20370419
693	Bayer CropScience AG , Bayer CropScience LP	APA15-6006	Axmi554 Delta-endotoxin Gene and Methods for its Use	AR	20160103152	20161014				20361014
694	Bayer CropScience AG , Bayer CropScience LP	APA15-6006	Axmi554 Delta-endotoxin Gene and Methods for its Use	AU	2016338418	20161013				20361013
695	Bayer CropScience AG , Bayer CropScience LP	APA15-6006	Axmi554 Delta-endotoxin Gene and Methods for its Use	BD	253/2016	20161013				20321013
696	Bayer CropScience AG , Bayer CropScience LP	APA15-6006	Axmi554 Delta-endotoxin Gene and Methods for its Use	BD	SP00238-2016	20161014	12134			20361014
697	Bayer CropScience AG , Bayer CropScience LP	APA15-6006	Axmi554 Delta-endotoxin Gene and Methods for its Use	BR	BR112018007638-4	20161013				20361013
698	Bayer CropScience AG , Bayer CropScience LP	APA15-6006	Axmi554 Delta-endotoxin Gene and Methods for its Use	CA	3001123	20161013				20361013
699	Bayer CropScience AG , Bayer CropScience LP	APA15-6006	Axmi554 Delta-endotoxin Gene and Methods for its Use	CN	201680059690.5	20161013				20361013
700	Bayer CropScience AG , Bayer CropScience LP	APA15-6006	Axmi554 Delta-endotoxin Gene and Methods for its Use	EP	16785886.5	20161013				20361013
701	Bayer CropScience AG , Bayer CropScience LP	APA15-6006	Axmi554 Delta-endotoxin Gene and Methods for its Use	IN	201817011068	20161013				20361013
702	Bayer CropScience AG , Bayer CropScience LP	APA15-6006	Axmi554 Delta-endotoxin Gene and Methods for its Use	JP	PCT/US16/56096	20161013				20361013
703	Bayer CropScience AG , Bayer CropScience LP	APA15-6006	Axmi554 Delta-endotoxin Gene and Methods for its Use	MX	MX/a/2018/004588	20161013				20361013
704	Bayer CropScience AG , Bayer CropScience LP	APA15-6006	Axmi554 Delta-endotoxin Gene and Methods for its Use	PK	627/2018	20161013				20361013
705	Bayer CropScience AG , Bayer CropScience LP	APA15-6006	Axmi554 Delta-endotoxin Gene and Methods for its Use	PY	66995/2016	20161014				20361014
706	Bayer CropScience AG , Bayer CropScience LP	APA15-6006	Axmi554 Delta-endotoxin Gene and Methods for its Use	RU	2018117300	20161013				20361013
707	Bayer CropScience AG , Bayer CropScience LP	APA15-6006	Axmi554 Delta-endotoxin Gene and Methods for its Use	UA	a201805154	20161013				20361013
708	Bayer CropScience AG , Bayer CropScience LP	APA15-6006	Axmi554 Delta-endotoxin Gene and Methods for its Use	US	15/786227	20161013				20361013
709	Bayer CropScience AG , Bayer CropScience LP	APA15-6006	Axmi554 Delta-endotoxin Gene and Methods for its Use	UY	a 36951	20161014				20361014
710	Bayer CropScience AG , Bayer CropScience LP	APA15-6006	Axmi554 Delta-endotoxin Gene and Methods for its Use	WO	PCT/US16/56898	20161013				20361013
711	Bayer CropScience AG , Bayer CropScience LP	APA15-6006	Axmi554 Delta-endotoxin Gene and Methods for its Use	ZA	2018/03096	20161013				20361013
712	Bayer CropScience LP	APA16-6008	Axmi669 Toxin Gene and Methods for its Use	AR	20170103241	20171122				20371122
713	Bayer CropScience LP	APA16-6008	Axmi669 Toxin Gene and Methods for its Use	PY	1789271	20171122				20371122
714	Bayer CropScience LP	APA16-6008	Axmi669 Toxin Gene and Methods for its Use	WO	PCT/US17/62923	20171122				20371122
715	Bayer CropScience LP	APA16-6013	Improvement of herbicide tolerance to HPPD inhibitors by down-regulation of putative hydroxyphenylpyruvate reductases in soybean	US	62/576564	20171024				20181024
716	Bayer CropScience LP	APA16-6014	Improvement of herbicide tolerance to HPPD inhibitors by down-regulation of native HPPD in crops	US	62/576569	20171024				20181024
717	Bayer CropScience LP	APA16-6020	Use of Axmi091 for the control of nematodes	WO	PCT/US17/58078	20171222				20371222
718	Bayer CropScience LP	APA17-6001	BP005 TOXIN GENE AND METHODS FOR ITS USE	AR	20180100121	20180118				20380118
719	Bayer CropScience LP	APA17-6001	BP005 TOXIN GENE AND METHODS FOR ITS USE	PY	1802492	20180118				20380118
720	Bayer CropScience LP	APA17-6001	BP005 TOXIN GENE AND METHODS FOR ITS USE	UY	37571	20180118				20380118
721	Bayer CropScience LP	APA17-6001	BP005 TOXIN GENE AND METHODS FOR ITS USE	WO	PCT/US18/14182	20180118				20380118
722	Bayer CropScience LP	APA17-6002	Use of BP005 for the control of plant pathogens	AR	20180100120	20180118				20380118
723	Bayer CropScience LP	APA17-6002	Use of BP005 for the control of plant pathogens	PY	1802490	20180118				20380118
724	Bayer CropScience LP	APA17-6002	Use of BP005 for the control of plant pathogens	UY	37570	20180118				20380118

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725	Bayer CropScience LP	APA17-6002	Use of BP005 for the control of plant pathogens	WO	PCT/US18/14196	20180118					20380118
726	BAYER CROPSCIENCE AKTIENGESELLSCHAF	APA17-6007	HPPD Variants and Methods for Their Use	AR	20180100527	20180307					20380307
727	BAYER CROPSCIENCE AKTIENGESELLSCHAF	APA17-6007	HPPD Variants and Methods for Their Use	BO	SP49-2018	20180307					20380307
728	BAYER CROPSCIENCE AKTIENGESELLSCHAF	APA17-6007	HPPD Variants and Methods for Their Use	PY	1815419	20180307					20380307
729	BAYER CROPSCIENCE AKTIENGESELLSCHAF	APA17-6007	HPPD Variants and Methods for Their Use	UY	37628	20180307					20380307
730	BAYER CROPSCIENCE AKTIENGESELLSCHAF	APA17-6007	HPPD Variants and Methods for Their Use	WO	PCT/US18/21043	20180306					20380306
1346	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	AR	P120103077	20120822					20320822
1347	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	AR	P160102092	20160711	105304				20320822
1348	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	AU	2012299691	20120814		2012299691	20150514		20320814
1349	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	AU	2013204310	20130412		2013204310	20151203		20320814
1350	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	BD	114/2014	20140420		1005513	20150218		20270822
1351	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	BD	221/2012	20120822		1005512	20150302		20270822
1352	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	BR	1120140009919.4	20120814					20320814
1353	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	BR	1220140004140-3	20140221					20320814
1354	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	CN	201280049574.7	20120814	103890181				20320814
1355	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	CN	201410204701.7	20120814	103981149				20320814
1356	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	CN	201710515005.0	20120814	107287234				20320814
1357	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	EP	12745881.9	20120814	2748323				20320814
1358	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	IN	201401151	20120814	1151/DELNP/2014				20320814
1359	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	MX	MX/a/2014/002119	20120814	2033/026740	345439	20170317		20320814
1360	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	MX	MX/a/2014/014028	20141118		348003	20170308		20320814
1361	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	PK	536/2012	20120813					20120813
1362	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	PK	68/2015	20150211					20120813
1363	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	US	14/201577	20140307	20140196189	9670496	20170606		20320826
1364	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	US	14/240500	20120814	20150167009				20320814
1365	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	ZA	2014/00879	20120814		2014/00879	20150826		20320814
1366	BAYER CROPSCIENCE AG, BAYER CROPSCIE	BCS11-2012	TARGETED GENOME ENGINEERING COTTON EVENT GHB119	ZA	2014/07980	20141031		2014/07890	20160831		20320814
1456	BAYER CROPSCIENCE LP, BAYER CROPSCIE	BCS13-2010	ALS W574L on A and on C genome	CA	2917762	20140710	2917762				20340710
1457	BAYER CROPSCIENCE LP, BAYER CROPSCIE	BCS13-2010	ALS W574L on A and on C genome	EP	14736862.5	20140710	3019617				20340710
1458	BAYER CROPSCIENCE LP, BAYER CROPSCIE	BCS13-2010	ALS W574L on A and on C genome	US	14/903745	20140710	US-2016-0160232				20340710
1459	BAYER CROPSCIENCE LP, BAYER CROPSCIE	BCS13-2013	ALS P197S AND W574L ON ALL ALS GENES	CA	2921775	20140030	2921775				20340820
1460	BAYER CROPSCIENCE LP, BAYER CROPSCIE	BCS13-2013	ALS P197S AND W574L ON ALL ALS GENES	EP	14753252.7	20140820	3036331				20340820
1461	BAYER CROPSCIENCE LP, BAYER CROPSCIE	BCS13-2013	ALS P197S AND W574L ON ALL ALS GENES	US	14/913020	20140820	US-20160208277				20340820
1471	BAYER CROPSCIENCE LP, BAYER CROPSCIE	BCS13-2025	ALS D376E	CA	2932044	20141201	2932044				20341201
1472	BAYER CROPSCIENCE LP, BAYER CROPSCIE	BCS13-2025	ALS D376E	EP	14927178.6	20141201	3076783				20341201
1473	BAYER CROPSCIENCE LP, BAYER CROPSCIE	BCS13-2025	ALS D376E	US	15/100810	20141201	US 20160298129A1				20341201
1474	Bayer CropScience Aktiengesellschaft, Bayer Cro	BCS141010	HPPD Mutantion und deren Verwendung	UA	a201610140	20150306					20350309
1475	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS141010	HPPD Mutanten und deren Verwendung	AR	20150100719	20150310					20350310
1476	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS141010	HPPD Mutanten und deren Verwendung	AU	2015228963	20150306					20350309
1477	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS141010	HPPD Mutanten und deren Verwendung	BR	BR112016207092	20150306					20350309
1478	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS141010	HPPD Mutanten und deren Verwendung	CA	2941905	20150306					20350309
1479	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS141010	HPPD Mutanten und deren Verwendung	CN	201580024788.2	20150306	107075468				20350309
1480	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS141010	HPPD Mutanten und deren Verwendung	EA	201691511	20150306					20350309
1481	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS141010	HPPD Mutanten und deren Verwendung	EP	15709883.1	20150306	3116902				20350309
1482	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS141010	HPPD Mutanten und deren Verwendung	IN	201617027455	20150306					20350309
1483	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS141010	HPPD Mutanten und deren Verwendung	JP	2016-550264	20150306	2017-514457				20350309
1484	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS141010	HPPD Mutanten und deren Verwendung	MX	MX/a/2016/011752	20150306					20350309
1485	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS141010	HPPD Mutanten und deren Verwendung	US	15/124661	20150306	US2017-0016018A1				20350309
1486	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS141010	HPPD Mutanten und deren Verwendung	WO	PCT/EP2015/054658	20150306	2015/135881				20350309
1487	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS141010	HPPD Mutanten und deren Verwendung	ZA	2016/05639	20150309					20350309
1488	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS151036	HPPD Mutanten und deren Verwendung zur Erzeugung HPPD-Inhibitor toleranter Pflanzen	AR	20160102769	20160908					20360908
1489	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS151036	HPPD Mutanten und deren Verwendung zur Erzeugung HPPD-Inhibitor toleranter Pflanzen	AU	2016319093	20160908					20360908
1490	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS151036	HPPD Mutanten und deren Verwendung zur Erzeugung HPPD-Inhibitor toleranter Pflanzen	BO	SP-206-2016	20160909	11848				20360909
1491	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS151036	HPPD Mutanten und deren Verwendung zur Erzeugung HPPD-Inhibitor toleranter Pflanzen	BR	BR112018047791	20160908					20360908
1508	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS151036	HPPD Mutanten und deren Verwendung zur Erzeugung HPPD-Inhibitor toleranter Pflanzen	CA	2978036	20160908					20360908
1509	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS151036	HPPD Mutanten und deren Verwendung zur Erzeugung HPPD-Inhibitor toleranter Pflanzen	CN	PCT/EP2016/071139	20160908					20360908
1510	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS151036	HPPD Mutanten und deren Verwendung zur Erzeugung HPPD-Inhibitor toleranter Pflanzen	EA	201890396	20160908					20360908
1511	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS151036	HPPD Mutanten und deren Verwendung zur Erzeugung HPPD-Inhibitor toleranter Pflanzen	EP	16763759.0	20160908					20360908
1512	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS151036	HPPD Mutanten und deren Verwendung zur Erzeugung HPPD-Inhibitor toleranter Pflanzen	IN	201817013059	20160908					20360908
1513	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS151036	HPPD Mutanten und deren Verwendung zur Erzeugung HPPD-Inhibitor toleranter Pflanzen	JP	2018-512938	20160908					20360908

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1514	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS151036	HPPD Mutanten und deren Verwendung zur Erzeugung HPPD-Inhibitor toleranter Pflanzen	KR	10-2018-7009716	20180908				20360908
1515	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS151036	HPPD Mutanten und deren Verwendung zur Erzeugung HPPD-Inhibitor toleranter Pflanzen	MX	MX/a/2018/003044	20180908				20360908
1516	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS151036	HPPD Mutanten und deren Verwendung zur Erzeugung HPPD-Inhibitor toleranter Pflanzen	PY	59167/2018	20180909				20360909
1517	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS151036	HPPD Mutanten und deren Verwendung zur Erzeugung HPPD-Inhibitor toleranter Pflanzen	UA	a201808575	20180908				20360908
1518	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS151036	HPPD Mutanten und deren Verwendung zur Erzeugung HPPD-Inhibitor toleranter Pflanzen	US	15/758429	20180908				20360908
1519	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS151036	HPPD Mutanten und deren Verwendung zur Erzeugung HPPD-Inhibitor toleranter Pflanzen	UY	36.898	20180909				20360909
1520	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS151036	HPPD Mutanten und deren Verwendung zur Erzeugung HPPD-Inhibitor toleranter Pflanzen	WO	PCT/EP2016/071159	20180908	2017/042259			20360908
1521	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS151036	HPPD Mutanten und deren Verwendung zur Erzeugung HPPD-Inhibitor toleranter Pflanzen	ZA	2018/02329	20180908				20360908
1582	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS171005	HPPD VARIANTS AND METHODS OF USE	AR	20180100526	20180307				20380307
1583	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS171005	HPPD VARIANTS AND METHODS OF USE	BO	SP18 2018	20180307				20380307
1584	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS171005	HPPD VARIANTS AND METHODS OF USE	PY	1815442	20180307				20380307
1585	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS171005	HPPD VARIANTS AND METHODS OF USE	UY	37627	20180307				20380307
1586	BAYER CROPSCIENCE AKTIENGESELLSCHAF	BCS171005	HPPD VARIANTS AND METHODS OF USE	WO	PCT/EP2018/055101	20180301				20380301
1587	BAYER CROPSCIENCE AG, Bayer CropScience	BCS171006	HPPD VARIANTS AND METHODS OF USE	AR	20180100525	20180307				20380307
1588	BAYER CROPSCIENCE AG, Bayer CropScience	BCS171006	HPPD VARIANTS AND METHODS OF USE	BO	SP47 2018	20180307				20380307
1589	BAYER CROPSCIENCE AG, Bayer CropScience	BCS171006	HPPD VARIANTS AND METHODS OF USE	PY	1815431	20180307				20380307
1590	BAYER CROPSCIENCE AG, Bayer CropScience	BCS171006	HPPD VARIANTS AND METHODS OF USE	UY	37626	20180307				20380307
1591	BAYER CROPSCIENCE AG, Bayer CropScience	BCS171006	HPPD VARIANTS AND METHODS OF USE	WO	PCT/EP2018/055102	20180301				20380301
1592	BAYER CROPSCIENCE LP (BCS LP)	BCS174006	Fungal rust-inducible promoter	EP	17172886.8	20170524				20370524
1593	BAYER CROPSCIENCE LP (BCS LP), CNRS CE	BCS174006	Fungal rust-inducible promoter	AR	20180101241	20180511				20380511
1594	BAYER CROPSCIENCE LP (BCS LP), CNRS CE	BCS174006	Fungal rust-inducible promoter	BO	SP114 2018	20180511				20380511
1595	BAYER CROPSCIENCE LP (BCS LP), CNRS CE	BCS174006	Fungal rust-inducible promoter	PY	1835445	20180511				20380511
1596	BAYER CROPSCIENCE LP (BCS LP), CNRS CE	BCS174006	Fungal rust-inducible promoter	UY	37733	20180511				20380511
1597	BAYER CROPSCIENCE LP (BCS LP), CNRS CE	BCS174006	Fungal rust-inducible promoter	WO	PCT/US18/32230	20180511				20380511
1950	Bayer CropScience LP	APA18-6008	Herbicide Tolerant Plants Expressing a Cyanobacterial Plastoquinone Biosynthetic Pathway	US	62/691629	20180629				20190629
1971	ATHENIX CORPORATION	APA13-6001	USE OF AXMI184 FOR THE CONTROL OF ROOTWORM INSECTS	ES	14707888.5	20140212	3956547	20180502		20340212
1973	ATHENIX CORPORATION	APA13-6001	USE OF AXMI184 FOR THE CONTROL OF ROOTWORM INSECTS	FR	14707888.5	20140212	3956547	20180502		20340212
1975	ATHENIX CORPORATION	APA13-6001	USE OF AXMI184 FOR THE CONTROL OF ROOTWORM INSECTS	HU	14707888.5	20140212	2956547	20180502		20340212
1979	ATHENIX CORPORATION	APA 956	Compositions And Methods For Expression Of A Heterologous Nucleotide Sequence In Plants	IT	09792295.3	20090908	502014902278867	20140409		20290908
1980	ATHENIX CORPORATION	APA13-6001	USE OF AXMI184 FOR THE CONTROL OF ROOTWORM INSECTS	IT	14707888.5	20140212	2556547	20180502		20340212
1983	ATHENIX CORPORATION	APA13-6001	USE OF AXMI184 FOR THE CONTROL OF ROOTWORM INSECTS	RO	14707888.5	20140212	2956547	20180502		20340212
1997	ATHENIX CORPORATION	APA 057	Toxin Genes And Methods For Their Use	CA	3009307	20180704				20280625
1998	ATHENIX CORPORATION	APA17-6010	Microtiter plates designed for high-throughput screening of piercing-sucking pests	US	62/609680	20171227				20371227

Table 1

Transferred Patents —Carme

1	Bayer CropScience LP	APA12-6003	Soybean Cultivar S0109136	US	11/665,875	20050225		7,041,882	20060509	20250225	
2	Bayer CropScience LP	APA12-6004	Soybean Cultivar 4211676	US	11/581,868	20061017	US20080092253	7,456,341	20081125	20270104	
3	Bayer CropScience LP	APA12-6005	SOYBEAN CULTIVAR 3956412	US	12/692,911	20100125	US20110185445	8,319,029	20121127	20300603	
4	Bayer CropScience LP	APA12-6006	SOYBEAN CULTIVAR 3317361	US	12/697,004	20100129	US20110191879	8,319,030	20121127	20300603	
5	Bayer CropScience LP	APA13-6023	SOYBEAN VARIETY DLL 1290	US	13/832,272	20130315	20130212730A1	9,179,306	20151103	20330315	
6	Bayer CropScience LP	APA13-6025	SOYBEAN VARIETY DLL1291	US	13/832,302	20130315		9228198	20160105	20330508	
7	Bayer CropScience LP	APA13-6026	SOYBEAN VARIETY DLL1348	US	13/832,316	20130315		9,006,532	20150414	20330315	
8	Bayer CropScience LP	APA13-6029	SOYBEAN VARIETY DLL1289	US	13/832,351	20130315		9228199	20160105	20330315	
9	Bayer CropScience LP	APA13-6030	SOYBEAN VARIETY DLL1273	US	13/832,366	20130315		9,161,562	20151110	20330315	
10	Bayer CropScience LP	APA13-6031	SOYBEAN VARIETY DLL0838	US	13/832,375	20130315	20130212733A1	9,167,762	20151117	20330315	
11	Bayer CropScience LP	APA13-6033	SOYBEAN VARIETY DLL1344	US	13/832,408	20130315		9228200	20160105	20330315	
12	Bayer CropScience LP	APA13-6034	SOYBEAN VARIETY DLL1192	US	13/832,275	20130315		9,157,094	20151013	20330315	
13	Bayer CropScience LP	APA13-6035	SOYBEAN VARIETY DLL1069	US	13/832,296	20130315		9,006,531	20150414	20330315	
14	Bayer CropScience LP	APA13-6037	SOYBEAN VARIETY DLL1206	US	13/832,314	20130315		9,481,891	20161101	20330315	
15	Bayer CropScience LP	APA13-6038	SOYBEAN VARIETY DLL1335	US	13/832,320	20130315	2013-0196889	9388424	20160712	20330315	
16	Bayer CropScience LP	APA13-6039	SOYBEAN VARIETY DLL0840	US	13/832,324	20130315		9,012,732	20150421	20330315	
17	Bayer CropScience LP	APA13-6040	SOYBEAN VARIETY DLL1347	US	13/832,332	20130315		9,012,733	20150421	20330315	
18	Bayer CropScience LP	APA13-6041	SOYBEAN VARIETY DLL1172	US	13/832,330	20130315		8,975,482	20150310	20330315	
19	Bayer CropScience LP	APA13-6042	SOYBEAN VARIETY DLL1141	US	13/832,347	20130315	20130212731A1	9,006,533	20150414	20330315	
20	Bayer CropScience LP	APA13-6043	SOYBEAN VARIETY DLL1143	US	13/832,355	20130315	20130212732A1	8,975,483	20150310	20330315	
21	Bayer CropScience LP	APA13-6044	SOYBEAN VARIETY DLL0730	US	13/832,365	20130315		9,012,734	20150421	20330315	
22	Bayer CropScience LP	APA14-6011	SOYBEAN VARIETY ELL041	US	14/576469	20141219		9516830	20161213	20341219	
23	Bayer CropScience LP	APA14-6012	SOYBEAN VARIETY GLL050	US	14/576494	20141219		9,516,831	20161213	20341219	
24	Bayer CropScience LP	APA14-6013	SOYBEAN VARIETY GLL059	US	14/576501	20141219		9538717	20170110	20341219	

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25	Bayer CropScience LP	APA14-6017	SOYBEAN VARIETY ELL6254	US	14/576520	20141219		9699984	2017Q711	20350821
26	Bayer CropScience LP	APA14-6018	SOYBEAN VARIETY DLL1149	US	14/576524	20141219		9,516,832	20161213	20341219
27	Bayer CropScience LP	APA14-6019	Soybean Variety ELL0008	US	14/576526	20141219		9516833	20161213	20341219
28	Bayer CropScience LP	APA14-6020	Soybean Variety ELL0009	US	14/576529	20141219		9,516,834	20161213	20341219
29	Bayer CropScience LP	APA14-6021	Soybean Variety ELL0082	US	14/576531	20141219		9,516,835	20161213	20341219
30	Bayer CropScience LP	APA14-6024	Soybean Variety DR20281	US	14/576542	20141219		9408361	20160609	20341219
31	Bayer CropScience LP	APA14-6025	Soybean Variety ER22295	US	14/576547	20141219		9392763	20160719	20341219
32	Bayer CropScience LP	APA14-6026	Soybean Variety ER22621	US	14/576552	20141219		9408362	20160609	20341219
33	Bayer CropScience LP	APA16-6005	SOYBEAN VARIETY G2 4686 RY	US	15/143573	20160430				20360430
34	Bayer CropScience LP	APA16-6006	SOYBEAN VARIETY G2 5175 RY	US	15/143574	20160430				20360430
35	Bayer CropScience LP, BAYER CROPSCIENCE N.V.	APA16-6015	ELITE EVENT EE-GM4	AR	2017-0103671	20171222				20371222
36	Bayer CropScience LP, BAYER CROPSCIENCE N.V.	APA16-6015	ELITE EVENT EE-GM4	BO	286-2017	20171222				20371222
37	Bayer CropScience LP, BAYER CROPSCIENCE N.V.	APA16-6015	ELITE EVENT EE-GM4	PY	1797659	20171222				20371222
38	Bayer CropScience LP, BAYER CROPSCIENCE N.V.	APA16-6015	ELITE EVENT EE-GM4	UY	37548	20171222				20371222
39	Bayer CropScience LP, BAYER CROPSCIENCE N.V.	APA16-6015	ELITE EVENT EE-GM4	WO	PCT/US17/66116	20171222				20371222
40	Bayer CropScience LP, BAYER CROPSCIENCE N.V.	APA16-6016	Elite event EE-GM5	AR	2017-0103672	20171222				20371222
41	Bayer CropScience LP, BAYER CROPSCIENCE N.V.	APA16-6016	Elite event EE-GM5	BO	285-2017	20171222				20371222
42	Bayer CropScience LP, BAYER CROPSCIENCE N.V.	APA16-6016	Elite event EE-GM5	PY	1797645	20171222				20371222
43	Bayer CropScience LP, BAYER CROPSCIENCE N.V.	APA16-6016	Elite event EE-GM5	UY	37549	20171222				20371222
44	Bayer CropScience LP, BAYER CROPSCIENCE N.V.	APA16-6016	Elite event EE-GM5	WO	PCT/US17/66121	20171222				20371222
156	Bayer CropScience LP	BCS176004	Soybean Variety GLL0402	US	15/690309	20170830				20370830
157	Bayer CropScience LP	BCS176005	Soybean Variety GLL0856	US	15/690311	20170830				20370830
158	Bayer CropScience LP	BCS176006	Soybean Variety GLL0118	US	15/690317	20170830				20370830
159	Bayer CropScience LP	BCS176007	Soybean Variety GLL0624	US	15/690330	20170830				20370830
160	Bayer CropScience LP	BCS176008	Soybean Variety GLL0428	US	15/690336	20170830				20370830
161	Bayer CropScience LP	BCS176009	Soybean Variety HLL0626	US	15/690350	20170830				20370830

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162	Bayer CropScience LP	BCS176010	SOYBEAN VARIETY HL0771	US	13/690321	20170830					20370830
163	Bayer CropScience LP	BCS176011	SOYBEAN VARIETY HL0945	US	15/690492	20170830					20370830
164	Bayer CropScience LP, BAYER CROPSCIENCE NV	BCS182013	PLANTS CONTAINING ELITE EVENT BE-GM4 AND METHODS AND KITS FOR IDENTIFYING SUCH EVENT IN BIOLOGICAL SAMPLES, AND TREATMENT THEREOF	US	62/676434	20180525					20380525
165	Bayer CropScience LP, BAYER CROPSCIENCE NV	BCS182014	PLANTS CONTAINING ELITE EVENT BE-GM5 AND METHODS AND KITS FOR IDENTIFYING SUCH EVENT IN BIOLOGICAL SAMPLES, AND TREATMENT THEREOF	US	62/676445	20180525					20380525
166	Bayer CropScience LP, BAYER CROPSCIENCE NV	BCS182013	PLANTS CONTAINING ELITE EVENT BE-GM4 AND METHODS AND KITS FOR IDENTIFYING SUCH EVENT IN BIOLOGICAL SAMPLES, AND TREATMENT THEREOF	US	62/686695	20180615					20390615
167	Bayer CropScience LP, BAYER CROPSCIENCE NV	BCS182014	PLANTS CONTAINING ELITE EVENT BE-GM5 AND METHODS AND KITS FOR IDENTIFYING SUCH EVENT IN BIOLOGICAL SAMPLES, AND TREATMENT THEREOF	US	62/685524	20180615					20390615
168	Bayer CropScience LP, BAYER CROPSCIENCE NV	BCS182014	PLANTS CONTAINING ELITE EVENT BE-GM5 AND METHODS AND KITS FOR IDENTIFYING SUCH EVENT IN BIOLOGICAL SAMPLES, AND TREATMENT THEREOF	US	62/686666	20180618					20390618

181397C001

CAVELIER
ABOGADOS
EDIFICIO SISKI
CARRERA 4a N° 72-35
BOGOTA, 8 – COLOMBIA

REPRESENTACION

REPRESENTATION

Yo (nosotros), abajo firmado (s)/I (we), the undersigned
BASF AGRICULTURAL SOLUTIONS SEED US LLC
domiciliado (s) en/of 100 Park Avenue Florham Park, NJ 07932, USA

Por el presente nombramos a CAVELIER ABOGADOS SAS, constituida de conformidad con las leyes de la República de Colombia, mediante Escritura Pública 713 de 16 de marzo de 2017, otorgada en la Notaría Sexta del Círculo de Bogotá, con matrícula mercantil 00820237 y NIT 860041367-3, domiciliada en la Carrera 4a N° 72-35, Bogotá, Colombia, como nuestra representante para la presentación y tramite de la solicitud de patente basada en la solicitud internacional **PCT/US2017/068121**, con facultad para recibir notificaciones y nombrar apoderados judiciales o extrajudiciales.

CAVELIER ABOGADOS SAS también podrá representarnos, con las mismas facultades arriba indicadas, ante cualesquiera entidades o personas, ejerzan o no jurisdicción, autoridades administrativas o jurisdiccionales, tribunales de arbitramento, en asuntos de naturaleza civil, comercial, penal, constitucional, competencia, competencia desleal, administrativa, contencioso administrativa, protección del consumidor, variedades vegetales, nombres de dominio, oposiciones u observaciones, cancelación administrativa y judicial, nulidad, medidas cautelares, concesión de licencias, acciones de tutela, la protección de secretos industriales, derecho regulatorio y en general para que nos represente en cualesquiera acciones y procesos que promovamos o se nos promuevan.

La representante podrá, en nuestro nombre, designar apoderados para actuar ante autoridades administrativas y judiciales, por vía extrajudicial y también procesalmente en nuestro nombre, como demandantes, como demandados, como litisconsortes, como agentes oficiosos, como terceros, por llamamiento en garantía o como intervinientes ad excludendum. Dentro de esta autorización, la representante podrá facultar a los

Do hereby appoint CAVELIER ABOGADOS SAS, incorporated under the laws of the Republic of Colombia by means of Public Deed 713 of March 16, 2017, granted before Notary Sixth of the Bogota Circuit, with Mercantile Registration No. 00820237 and Taxpayer Identification Number 860041367-3, domiciled at Carrera 4a N° 72-35, Bogota, Colombia, as our representative for the filing and prosecution of patent application based on international application **PCT/US2017/068121** with faculty to receive notifications and appoint attorneys in and out of Court.

CAVELIER ABOGADOS SAS may also represent us, with the same faculties stated above, before any entities or persons, with or without jurisdiction, administrative or jurisdictional authorities, courts of arbitration, in civil, commercial, criminal, constitutional, competition, unfair competition, administrative, administrative contentious, consumer protection, plant varieties, domain names, opposition or observation matters, administrative and Court cancellation, nullity, precautionary measures, licensing, action for writ mandamus, protection of trade secrets, regulatory law and in general represent us in any actions and suits instituted by us or against us.

The representative may, in our name, designate attorneys to act before administrative and judicial authorities, through out-of-court channels, and also procedurally in our name as plaintiff, defendant, joint litigant, representative without power of attorney, third party, when summoned to appear in court or as intervener ad excludendum. Under this authorization, the representative may empower the attorneys appointed

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apoderados que ella designe para transigir, conciliar, admitir los hechos del proceso, desistir, cancelar, recibir, renunciar y sustituir el poder que se le otorgue. Así mismo, la representante tendrá la facultad para revocar el poder así otorgado en el momento que considere pertinente. La representante en todo caso podrá ratificar los actos de agentes oficiosos.

thereby to compromise, conciliate, admit the facts of the case, desist, cancel, receive, resign and substitute the power of attorney granted thereto. Likewise, the representative shall have the faculty of revoking the power of attorney thus granted at any time it may deem convenient. The representative may in any case ratify the acts of representatives without a power of attorney.

Dado y firmado hoy/Given and signed this 26th of August 2019

En/in Ludwigshafen

Por/by CHRISTINE ARTHOFF
ATTORNEY IN FACT

Firma/Signature C. Arthoff

SDC\ID-613410\WPC24937

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****
Este certificado fue generado electrónicamente y cuenta con un código de verificación que le permite ser validado solo una vez, ingresando a www.ccb.org.co
****
Recuerde que este certificado lo puede adquirir desde su casa u oficina de forma fácil, rápida y segura en www.ccb.org.co
****
Para su seguridad debe verificar la validez y autenticidad de este certificado sin costo alguno de forma fácil, rápida y segura en www.ccb.org.co/certificadoselectronicos/
****

CERTIFICADO DE EXISTENCIA Y REPRESENTACIÓN LEGAL O INSCRIPCIÓN DE DOCUMENTOS

La Cámara de Comercio de Bogotá, con fundamento en las matrículas e inscripciones del registro mercantil.

CERTIFICA:

Nombre : CAVELIER ABOGADOS SAS
N.I.T. : 860041367-3
Domicilio : Bogotá D.C.

CERTIFICA:

Matrícula No: 00820237 del 11 de septiembre de 1997

CERTIFICA:

Renovación de la matrícula: 21 de marzo de 2019
Último Año Renovado: 2019
Activo Total: $ 13,357,685,822
Tamaño Empresa: Mediana

CERTIFICA:

Dirección de Notificación Judicial: CARRERA 4 NO 72 A - 35
Municipio: Bogotá D.C.
Email de Notificación Judicial: cavelier@cavelier.com

Constanza del Pilar Puentes Trujillo

Dirección Comercial: CARRERA 4 NO 72 A - 35
Municipio: Bogotá D.C.
Email Comercial: cavelier@cavelier.com

CERTIFICA:

Constitución: Que por Escritura Pública No. 0006233 de Notaría sexta de Bogotá D.C. del 10 de septiembre de 1974, inscrita el 26 de septiembre de 197 4 bajo el número 00021234 del libro IX, se constituyó la sociedad civil denominada: CAVELIER PERDOMO Y CAVELIER.

CERTIFICA:

Que por Escritura Pública No. 0001000 de Notaría sexta de Bogotá D.C. del 10 de marzo de 1983, inscrita el 5 de abril de 1983 bajo el número 00130769 del libro IX, la sociedad cambio su nombre de: CAVELIER PERDOMO Y CAVELIER. por el de: CAVELIER ABOGADOS

CERTIFICA:

Que por Escritura Pública número 1.000 otorgada en la Notaría 6a. De Bogotá el 10 de marzo de 1.983, inscrita en esta cámara de comercio el 5 de abril de 1.983 bajo el número 130769 del libro IX, la sociedad cambio su nombre de: CAVELIER PERDOMO Y CAVELIER, por el de: CAVELIER ABOGADOS, e introdujo otras reformas.

CERTIFICA:

Que por Escritura Pública No. 0713 de la notaria 6 de Bogotá d.C. Del 16 de marzo de 2017, inscrita el 30 de marzo de 2017 bajo el número 02201475 del libro IX, la sociedad de la referencia cambio su nombre de: CAVELIER ABOGADOS por el de: CAVELIER ABOGADOS SAS.

CERTIFICA:

CERTIFICA:

Que por E.P. No. 2.034 de la Notaría 6 de Santafé de Bogotá del 18 de abril de 1.995, inscrita el 27 de abril de 1.995 bajo el No. 5.937 del libro XIII, la sociedad traslado su domicilio de la ciudad de Santafé de Bogotá D.C. al Municipio de tabio (Cundinamarca).

CERTIFICA:

Que por Escritura pública No. 7710 de la Notaría sexta de Bogotá del 10 de octubre de 1984, inscrita el 15 de noviembre de 1984 bajo el no. 1559 del libro XIII, la sociedad cambio su naturaleza jurídica de sociedad comercial a sociedad civil.

CERTIFICA:

Que por Escritura pública No. 0713 de la Notaría 6 de Bogotá D.C., del 16 de marzo de 2017, inscrita el 30 de marzo de 2017 bajo el número 02201475 del libro IX, la sociedad de la referencia cambio su naturaleza de civil a comercial.

CERTIFICA:

Que por Escritura pública No. 0713 de la Notaría 6 de Bogotá D.C., del 16 de marzo de 2017, inscrita el 30 de marzo de 2017 bajo el número 02201475 del libro IX, la sociedad de la referencia se transformó de sociedad colectiva civil a sociedad por acciones simplificada bajo el nombre de: CAVELIER ABOGADOS SAS.

CERTIFICA:

REFORMAS:

ESCRITURAS NO.	FECHA	NOTARIA	INSCRIPCION
842	10-V-1.977	18. BTA.	27-V-1.977-NO. 46.204
3.430	1-VII-1.980	6A. BTA.	3-IX-1.980-NO. 89.582
4.844	10-IX-1.980	6A. BTA.	8-X-1.980-NO. 91.261
432	10-II-1.983	6A. BTA.	1-III-1.983-NO.129.337
7.710	10-X-1.984	6A. BTA.	15-XI-1.984-NO. 1.559
7.305	21-X-1.985	6A. BTA.	18-XI-1.985-NO. 1.906
2.567	29-IV-1.987	6A. BTA.	7-V- 1.987-NO. 2.386
4.278	3-VII-1.987	6A. BTA.	23-VII-1987 NO.215.652
2.657	25- IV-1.988	6A. BTA.	19- V -1988-NO. 2,740
9.033	21-XII-1.990	6A. BTA.	10- I - 1991-NO. 3.786
25	3- I -1.991	6A. BTA.	10- I - 1991-NO. 3.787
1.608	8-III-1.991	6A. BTA.	14-III- 1991-NO. 3.841
2.155	2-IV- 1.991	6A. BTA.	8-IV - 1991-NO. 3.862
797	7-II -1.991	6A. BTA.	7- V -1991-NO. 3.882
1.739	14-III-1.991	6A. BTA.	7- V -1991-NO. 3.881
5.886	21-VIII-1.991	6A. BTA	27-VIII-1991 NO. 4.019
8.596	4-XII -1.991	6A. BTA	16-III -1992 NO. 4.430
1.494	10-III -1.992	6A. BTA.	19-III -1992 NO. 4.436
4.205	8 -VII -1.992	6A. BTA.	15-VII -1992 NO. 4.554
8.829	16-XII -1.992	6A. BTA.	24-XII -1992 NO. 4.819
12	5-I -1.993	6 STAFE BTA	13-I -1993 NO. 4.850
4.877	29-VI -1.993	6 STAFE BTA	7-VII -1993 NO. 5.065
5.216	12-VII -1.993	6 STAFE BTA	16-VII -1993 NO. 5.077
ACTA NO.71	2-IX- 1.993	JUNTA DE SOCIOS	29-IX- 1993 NO. 5.174
2.034	18-IV- 1.995	6 STAFE BTA	27- IV -1995 NO. 5.937
2.227	25-IV-1.995	6 STAFE BTA	18-VIII-1.995 NO. 6.092
7.594	12-XII-1.995	6 STAFE BTA	19- XII-1.995 NO. 6.294
676	11- II-1.997	6 STAFE BTA	14- II -1.997 NO. 6.873

CERTIFICA:

Reformas:

Documento No.	Fecha	Origen	Fecha	No.Insc.
0004506	1997/07/28	Notaría 6	1997/09/02	00007115
0006709	1997/11/04	Notaría 6	2000/12/04	00008481
0002103	1998/04/08	Notaría 6	1998/04/21	00007426
0005326	1998/08/06	Notaría 6	1998/08/13	00007544
0005538	1998/08/14	Notaría 6	1998/08/27	00007564
0007760	1998/11/10	Notaría 6	1998/11/12	00007644
0003034	2003/05/30	Notaría 6	2003/06/04	00882729
0003786	2004/07/16	Notaría 6	2004/07/28	00009703
0001432	2005/03/18	Notaría 6	2005/04/07	00009917
0004818	2005/08/22	Notaría 6	2005/08/26	00010008
0005506	2007/07/17	Notaría 6	2007/07/24	00010841

5453 2009/10/19 Notaría 6 2009/10/21 00012243
1336 2010/03/16 Notaría 6 2010/03/24 00012506
915 2011/02/28 Notaría 6 2011/03/03 00013022
1973 2012/04/27 Notaría 6 2012/07/24 00014134
2938 2013/08/06 Notaría 6 2013/08/08 00014689
960 2016/03/31 Notaría 6 2016/04/19 00015691
961 2016/03/31 Notaría 6 2016/04/19 00015692
962 2016/03/31 Notaría 6 2016/04/19 00015693
0713 2017/03/16 Notaría 6 2017/03/30 02201475
108 2018/08/24 Asamblea de Accionist 2018/12/20 02407076
110 2019/02/25 Asamblea de Accionist 2019/03/12 02434334

CERTIFICA:

Duración: Que la sociedad no se halla disuelta, y su duración es indefinida.

CERTIFICA:

Objeto Social: La sociedad tendrá por objeto el ejercicio de la actividad profesional de abogados y la prestación de servicios de consultoría y asesoría jurídica y empresarial para entidades nacionales y extranjeras. En desarrollo de este objeto social la sociedad podrá adquirir, contraer obligaciones y celebrar toda clase de contratos directamente relacionados y subordinados al mismo objeto, inclusive los de arrendamiento, hipoteca, mutuo con o sin interés, mandato, así como participar en asociaciones científicas, gremiales o profesionales sin ánimo de lucro. En desarrollo del objeto principal, la sociedad podrá realizar sin reserva ni limitación alguna, toda clase de actos y celebrar todo tipo de contratos mercantiles y de cualquier otra naturaleza que resulten convenientes al interés social, así como desarrollar cualquier actividad similar, conexa o complementaria a su objeto social. Así mismo, podrá realizar cualquier otra actividad económica licita tanto en Colombia como en el exterior. La sociedad podrá registrar en la cámara de comercio a los abogados de la firma, para que ejerzan el mandato y representación de los clientes que le hayan otorgado poder. La sociedad no podrá en ningún caso ser fiadora ni garantizar obligaciones de terceros ni de sus propios accionistas, salvo previa autorización escrita de la asamblea general de accionistas.

CERTIFICA:

Actividad Principal:
6910 (Actividades Jurídicas)
Actividad Secundaria:
7020 (Actividades De Consultoría De Gestión)
Otras Actividades:
9499 (Actividades De Otras Asociaciones N.C.P.)

CERTIFICA:

Capital:

** Capital Autorizado **

Valor	: $150,000,000.00
No. de acciones	: 15,000.00

Valor nominal : $10,000.00

** Capital Suscrito **
Valor : $100,000,000.00
No. de acciones : 10,000.00
Valor nominal : $10,000.00

** Capital Pagado **
Valor : $100,000,000.00
No. de acciones : 10,000.00
Valor nominal : $10,000.00

CERTIFICA:

Que por Escrituras Públicas no. 001431 y 001432 del 18 de marzo de 2005 de la notaria 06 de Bogotá D.C., inscrita el 07 de abril de 2005 bajo el no. 0009918 y 0009917, respectivamente del libro xiii, de las mil doscientas (1200) partes de interés social radicadas en cabeza de Agnes Gaudebert de Cavelier, seiscientas (600) partes están gravadas o afectadas en propiedad fiduciaria a favor de las siguientes personas : German Cavelier Franco, Ernesto Cavelier Franco, Jorge Cavelier Franco, Ines Cavelier Franco, Guillermo Cavelier Franco, Elena Cavelier Franco, Alejandro Cavelier Franco, Beatriz Cavelier Franco, Y Lucia Cavelier Franco.

CERTIFICA:

Representación Legal: La representación legal de la sociedad estará a cargo del Director y cuatro representantes legales suplentes, designados por la asamblea general de accionistas.

CERTIFICA:

** Nombramientos **
Que por Acta no. 111 de Asamblea de Accionistas del 13 de marzo de 2019, inscrita el 27 de marzo de 2019 bajo el número 02440441 del libro IX, fue (ron) nombrado (s):

Nombre	Identificación
DIRECTOR	
LOZANO VILA ALBERTO	C.C. 000000079505546

Que por Acta no. 110 de Asamblea de Accionistas del 25 de febrero de 2019, inscrita el 14 de marzo de 2019 bajo el número 02435262 del libro IX, fue (ron) nombrado (s):

Nombre	Identificación
REPRESENTANTE LEGAL SUPLENTE	

CHAVARRO ARISTIZABAL JORGE C.C. 000000016209380
REPRESENTANTE LEGAL SUPLENTE
SARMIENTO CHARRY EDNA DARMELY C.C. 000000052006265
REPRESENTANTE LEGAL SUPLENTE
GAUDEBERT DE CAVELIER AGNES JEANNE C.E. 000000000131100
REPRESENTANTE LEGAL SUPLENTE
GALLON GIRALDO CARLOS ALBERTO C.C. 000000019066425

Que por Documento Privado no. sin num de Representante Legal del 26 de abril de 2017, inscrita el 12 de mayo de 2017 bajo el número 02224159 del libro IX, fue (ron) nombrado (s):

Nombre Identificación

APODERADO PROCESOS JUDICIALES Y ADMINISTRATIVOS
CHAVARRO ARISTIZABAL JORGE C.C. 000000016209380
APODERADO PROCESOS JUDICIALES Y ADMINISTRATIVOS
SARMIENTO CHARRY EDNA DARMELY C.C. 000000052006265
APODERADO PROCESOS JUDICIALES Y ADMINISTRATIVOS
RINCON USCATEGUI JOSE ANDRES C.C. 000000079780910
APODERADO PROCESOS JUDICIALES Y ADMINISTRATIVOS
BONETT GONZALEZ MARTHA PATRICIA C.C. 000000039687253
APODERADO PROCESOS JUDICIALES Y ADMINISTRATIVOS
VARELA PEZZANO EDUARDO SECONDO C.C. 000000072292765

CERTIFICA:

Que por Documento Privado no. sin núm. de Representante Legal del 19 de diciembre de 2018, inscrita el 19 de diciembre de 2018 bajo el número 02406816 del libro IX, se modifica el nombre del cargo de los apoderados judiciales inscritos el 12 de mayo de 2017 bajo el registro 2224159 del libro IX.

CERTIFICA:

Facultades del Representante Legal: Facultades del director. La sociedad será gerenciada, administrada y representada legalmente ante terceros por el director, y en ausencia de éste por cualquiera de los suplentes. El director no tendrán restricción de contratación y esta será sin límite de cuantía. Cuando los representantes legales suplentes sean accionistas titulares de acciones tipo a o tipo A1 de la sociedad no tendrán restricción de contratación y esta será sin límite de cuantía. Cuando se trate de adquirir obligaciones y/o erogaciones a cargo de la sociedad, el director requerirá que la respectiva obligación tenga firma de este y de un representante legal suplente que sea accionista titular de acciones tipo a o tipo A1 de la sociedad. El director se entenderá investido de los más amplios poderes para actuar en todas las circunstancias en nombre de la sociedad, con excepción de aquellas facultades que, de acuerdo con los estatutos, se hubieren reservado los accionistas. En las relaciones frente a terceros, la sociedad quedará obligada por los actos y contratos celebrados por el director. Le está prohibido al director, por sí o por interpuesta persona, obtener bajo cualquier forma o modalidad jurídica préstamos por parte de la sociedad u obtener de parte de la sociedad aval, fianza o cualquier otro tipo de garantía de sus obligaciones personales. Aparte de las funciones que de tiempo en tiempo se le asignen por la asamblea general de accionistas, el director tendrá las siguientes funciones: A) la de representar legalmente ante las autoridades de cualquier orden o naturaleza y ante

otras personas naturales y jurídicas, con la facultad de novar, transigir, comprometer, y desistir y para comparecer en juicios inclusive en aquellos en donde se dispute la propiedad de los bienes muebles; B) cumplir y hacer cumplir los estatutos y reglamentos de la sociedad; y C) crear o suprimir todos los empleos que sean necesarios de acuerdo a la asamblea general de accionistas para el buen funcionamiento de la sociedad, asignarles funciones, fijar sus salarios y nombrar las personas que deban desempeñarlos, así como retirarlos y reemplazarlos cuando haya lugar.

CERTIFICA:

** Revisor Fiscal **
Que por Escritura Pública no. 0713 de Notaría 6 De Bogotá D.C. del 16 de marzo de 2017, inscrita el 30 de marzo de 2017 bajo el número 02201475 del libro IX, fue (ron) nombrado (s):

Nombre	Identificación
REVISOR FISCAL PRINCIPAL	
RINCON MIGUEL ALFONSO	C.C. 000000002877024
REVISOR FISCAL SUPLENTE	
PAEZ SANABRIA ALVARO	C.C. 000000019323543

CERTIFICA:

De conformidad con lo establecido en el Código de Procedimiento Administrativo y de lo Contencioso Administrativo y de la Ley 962 de 2005, los actos administrativos de registro aquí certificados quedan en firme diez (10) días hábiles después de la fecha de la correspondiente anotación, siempre que no sean objeto de recurso. Los sábados no son tenidos en cuenta como días hábiles para la Cámara de Comercio de Bogotá.

* * * El presente certificado no constituye permiso de * * *
* * * funcionamiento en ningún caso * * *

INFORMACIÓN COMPLEMENTARIA

Los siguientes datos sobre RIT y Planeación Distrital son informativos:
Contribuyente inscrito en el registro RIT de la Dirección Distrital de Impuestos, fecha de inscripción : 10 de julio de 2017.
Fecha de envío de información a Planeación Distrital : 15 de agosto de 2019.

Señor empresario, si su empresa tiene activos inferiores a 30.000

SMLMV y una planta de personal de menos de 200 trabajadores, usted tiene derecho a recibir un descuento en el pago de los parafiscales de 75% en el primer año de constitución de su empresa, de 50% en el segundo año y de 25% en el tercer año. Ley 590 de 2000 y Decreto 525 de 2009.

Recuerde ingresar a www.supersociedades.gov.co para verificar si su empresa esta obligada a remitir estados financieros. Evite sanciones.

****
** Este certificado refleja la situación jurídica de la **
** sociedad hasta la fecha y hora de su expedición. **
****

El Secretario de la Cámara de Comercio,

Valor: $ 5,800

****
Para verificar que el contenido de este certificado corresponda con la información que reposa en los registros públicos de la Cámara de Comercio de Bogotá, el código de verificación puede ser validado por su destinatario solo una vez, ingresando a www.ccb.org.co
****
Este certificado fue generado electrónicamente con firma digital y cuenta con plena validez jurídica conforme a la Ley 527 de 1999.
****
Firma mecánica de conformidad con el Decreto 2150 de 1995 y la autorización impartida por la Superintendencia de Industria y Comercio, mediante el oficio del 18 de noviembre de 1996.



Señora Directora

DIRECCION DE NUEVAS CREACIONES

Superintendencia de Industria y Comercio

E. S. D.

Referencia:	Expediente No. NC2019/0007828
Asunto:	Solicitud de patente para: EVENTO DE ÉLITE EE-GM5 Y MÉTODOS Y KITS PARA IDENTIFICAR DICHO EVENTO EN MUESTRAS BIOLÓGICAS
Solicitante:	BASF AGRICULTURAL SOLUTIONS SEED US LLC
Fecha de solicitud:	22 de julio de 2019

RESPUESTA A EXAMEN PRELIMINAR

ANDRES RINCON USCATEGUI, identificado como aparece al pie de mi firma, en mi condición de apoderado de la sociedad solicitante de la patente de la referencia, doy respuesta al Oficio 7084 notificado el 29 de julio de 2019.

I. EN CUANTO AL PODER

El Examinador indica que debe presentarse el poder otorgado por el Solicitante BASF AGRICULTURAL SOLUTIONS SEED US LLC. En respuesta, adjunto al presente memorial el poder que me faculta para actuar en representación de dicho Solicitante, en el cual además se certifica su existencia y representación legal.

II. EN CUANTO A LA CESIÓN

Se presenta junto con este escrito la Cesión sobre el derecho del solicitante, conforme a lo establecido por la Regla 4.17.2 del Reglamento del PCT y el artículo 26 literal k) de la Decisión 486 de la Comisión de la Comunidad Andina. Con la intención de facilitar la comprensión del documento presentado, quiero resaltar en primer lugar que éste corresponde a una recopilación de todos los documentos relevantes que dan soporte a la cadena de cesiones que resulta en el solicitante BASF AGRICULTURAL SOLUTIONS SEED US LLC. Algunos documentos de cesión hacen referencia al Número de Solicitud Internacional

PCT/US2017/068121 y otros a los números de las solicitudes de prioridad de Estados Unidos US62/437,874 y US62/481,292, todos incluidos dentro de los datos bibliográficos de la solicitud en el sistema SIPI; consecuentemente, el hecho de que estos hacen referencia a la misma invención sustenta su validez. La cronología de la cadena de cesiones presentada puede resumirse de la siguiente manera:

1. Hal Moser, Julia Daum, Tom Kleven, Vladim Beilinson ceden sus derechos por las solicitudes US 62/437,874 y 62/481,292 a BAYER CROPSCIENCE LP el 8 de diciembre de 2017;
2. Maxim Buyse, Filip Slabbinck, Veerle Habex, Wendy Aartsen ceden sus derechos por las solicitudes US 62/437,874 y 62/481,292 a BAYER CROPSCIENCE NV el 14 y 15 de diciembre de 2017;
3. Michael McCarville cede sus derechos sobre la solicitud PCT/US2017/068121 a BAYER CROPSCIENCE LP el 21 de diciembre de 2017;
4. BAYER CROPSCIENCE LP cede sus derechos sobre la solicitud PCT/US2017/068121 a BASF SE el 1 de agosto de 2018;
5. BAYER CROPSCIENCE NV cede sus derechos sobre la solicitud PCT/US2017/068121 a BASF AGRICULTURAL SOLUTIONS SEED, US LLC el 1 de agosto de 2018;
6. BASF SE cede sus derechos sobre la solicitud US2017068121 a BASF AGRICULTURAL SOLUTIONS SEED, US LLC. el 2 de agosto de 2018.

III. ANEXOS

1. Documento de poder otorgado por el Solicitante.
2. Documento de cesión que incluye la cadena de cesiones que parte de los inventores y resulta en el solicitante BASF AGRICULTURAL SOLUTIONS SEED US LLC.

Señora Directora,

ANDRÉS RINCÓN USCÁTEGUI
C.C. 79.780.910 de Bogotá
T.P. 114.908

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