

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO



No 06-127661-00003-0000

Fecha 2007-05-03 16 04 22 Dep 2020 NUECREACIONE
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Act 444 RESPUESTAREQUE Follos 34

Señora

Alix Carmenza Céspedes de Vergel

Jefe de División de Nuevas Creaciones

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO

E. S. D.

Referencia Expediente No 06 127 661

Solicitud de Patente de Invención titulada "Mezclas sinérgicas de agentes de antranilamida para el control de plaga invertebrada"

Solicitante E I DuPont de Nemours and Company

RESPUESTA AL AUTO NOTIFICADO POR FLAJACIÓN EN LISTA No. 44
DEL 09 DE FEBRERO DE 2007, OFICIO No 1907 (EXAMEN DE FORMA)

ÁLVARO CORREA ORDÓÑEZ, mayor de edad y vecino de Bogotá D C , identificado tal como aparece al pie de mi firma, en mi carácter de apoderado de la sociedad en referencia, doy respuesta al auto emanado por ese Despacho dentro del término de prórroga solicitado en mi memorial No 06127661-00002-0000 de fecha 11 de abril de 2007

1 Presento copia debidamente legalizada del documento en que consta la cesión del derecho a la patente de los inventores presentados en la fase nacional en Colombia a la entidad solicitante

2 Presento copia debidamente legalizada del Poder de abogado y del documento que acredita la existencia y representación legal de la entidad solicitante

3 En cuanto a las diferencias que se presentan entre los inventores de la publicación PCT y los inventores de la fase nacional colombiana, aclaro que los inventores LAHM, George Philip, SELBY, Thomas Paul y STEVENSON, Thomas, Martin fueron adicionados en la fase internacional Adjunto los documentos que demuestran la petición hecha ante la Oficina Internacional solicitando la adición de estos tres inventores

De esta manera, confirmo que los inventores de la presente solicitud de patente son seis ANNAN, Isaac Billy, FLEXNER, John Lindsey, PORTILLO, Hector Eduardo, LAHM, George Philip, SELBY, Thomas Paul y STEVENSON, Thomas, Martin

4 Aprovecho la oportunidad para presentar ante ese Despacho el Reporte preliminar Internacional sobre Patentabilidad emitido por la Oficina Internacional para el caso de la referencia

Atentamente,



ÁLVARO CORREA ORDÓÑEZ
C C No 79 143 366 de Usaquén
T P 20 281

Anexos

Poder de Abogado

Documento de Cesión de Inventores

Notificaciones para la adición de inventores ante la Oficina Internacional

Reporte preliminar Internacional sobre Patentabilidad

BOGATM/BOGDMS-77843-V1 DOC

nnn/03 198

POD- 3995

TRADUCCIÓN OFICIAL N° 120407 al español de un documento escrito en Inglés,
efectuado por Jaime Armando Garavito Burgos, c.c. N° 19 130 702 de Bogotá,
Traductor e Intérprete Oficial Inglés-español-inglés según Resolución N° 034 de
enero 11 de 1983 expedida por el Ministerio de Justicia de la República de
Colombia

Poder otorgado por E.I DuPont De Nemours And Company

APOSTILLA

- 1 País Estados Unidos de América
Este documento público
- 2 Ha sido firmado Colleen A. Taylor
- 3 Quien actúa en calidad de Notario Público del Estado de Delaware
- 4 Lleva el sello de Colleen A. Taylor, Notario Público del Estado de Delaware

Certificado

Jaime A. Garavito B.

JAIME A. GARAVITO B.
TRADUCTOR E INTERPRETE OFICIAL
POR 034 de Enero 11 de 1983
MINISTERIO DE JUSTICIA

- 5 En Dover, Delaware
- 6 El día dos de abril de 2007 A.D
- 7 Por el Secretario de Estado Departamento de Estado de Delaware
- 8 N° 0312288
- 9 Sello (Aparece adherido sello dorado)
- 10 Firma (firmado) Harnet Smith Windsor, Secretario de Estado

COMO NOTARIA ONCE (11) DE ESTE
CIRCULO HAGO CONSTAR QUE ESTA
FOTOCOPIA COINCIDE CON EL
ORIGINAL QUE HE TENIDO A LA VISTA

02 MAY 2007

BOGOTÁ, D.C. - COLOMBIA
MONICA ZULMA BAUTISTA NAVARRO
NOTARIA ONCE (11) E.

Texto en inglés y en español mediante el cual, E.I DuPont De
Company, domiciliada en 1007 Market Street, Wilmington, Delaware 19898,
Estados Unidos de América, por el presente otorga poder a ÁLVARO CORREA
ORDÓÑEZ y/o OLGA GEORGETTE OTERO y/o RICARDO METKE y/o JUAN
PABLO CONCHA

nnnn/4 199

de la firma Raisbeck, Lara, Rodríguez & Rueda, miembros de Baker & McKenzie,
domiciliada en la Avenida 82 N° 10-62, piso 6, Bogotá, Colombia

Dado y suscrito el 21 de marzo de 2007

[Firmado] Miriam D Meconnahey, Subsecretaria, Junta de Patentes

CERTIFICACIÓN NOTARIAL Texto en inglés y en español mediante el cual el
suscrito Notario certifica la existencia legal de la sociedad E I DuPont De
Nemours And Company, así como las funciones y firma de su representante
autorizado Miriam D Meconnahey, Subsecretaria, Junta de Patentes, para efectos
de lo cual se ha basado en [Aparece al final, antes de la firma del notario, el
siguiente texto "Certifico que el objeto para el cual se otorga este instrumento se
encuentra dentro del alcance de los objetos o actividades de la mencionada
sociedad de acuerdo con el Acta de Constitución expedida en 1915 y/o los
Estatutos expedidos en la ciudad de Wilmington, Delaware y fechados septiembre
8, 1915 los cuales he visto Doy fe

[Firmado] Colleen A Taylor, Notario Público

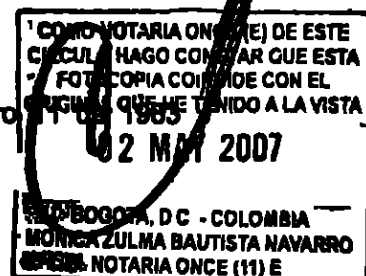
[Aparece sello notarial realizado]

Jaime A. Garavito
JAIME A. GARAVITO
TRADUCTOR E INTERPRETE OFICIAL
Dec 034 de Enero 11 de 1985
MINISTERIO DE JUSTICIA

La anterior es traducción fiel y completa de la cual se deja copia en esta oficina
para su confrontación

Jaime A. Garavito
Jaime Armando Garavito Burgos
c c N° 19 130 702 de Bogotá
Traductor e Intérprete Oficial según Resolución N° 034 de enero 11 de 1985
expedida por el Ministerio de Justicia

BOGDM5 # 75252



0000/5 200

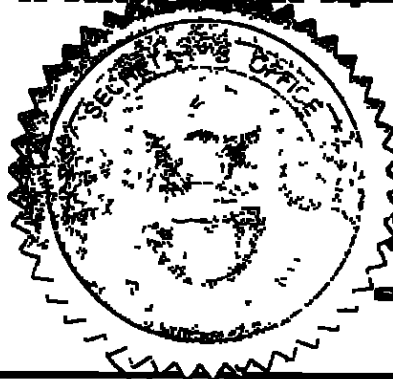
Apostille

(Convention de La Haye du 5 Octobre 1961)

1. Country: United States of America
2. This public document.
has been signed by Colleen A. Taylor
3. acting in the capacity of Notary Public of the State of Delaware
4. bears the seal/stamp of Colleen A Taylor, Notary Public, Delaware

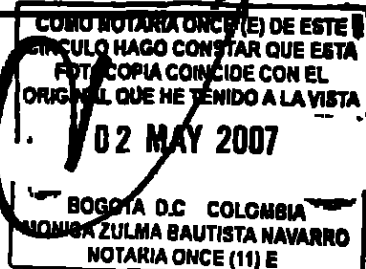
Certified

5. at Dover, Delaware
6. the second day of April, A.D. 2007
7. by Secretary of State, Delaware Department of State
8. No. 0312288
9. Seal/Stamp:



10 Signature.

Herriet Smith Windsor
Secretary of State



NT: 080.088.840-9
Tel: +87 1 634 1800
Fax: +87 1 378 2211
www.holmen.com

COMO NOTARIA ONCE (E) DE ESTE
CIRCULO MAGO CONSTAR QUE ESTA
FOTOCOPIA CONCIIDE CON EL
ORIGINAL QUE SE TIENDE A LA VISTA
02 MAY 2007
BOGOTA, D.C. - COLOMBIA
MONICA JULIA BAPTISTA NAVARRO
BOGOTANA ONCE (14) E

nnnnn/202



NOTARIAL CERTIFICATION

CERTIFICACION NOTARIAL

On this 21st day of March
2007, the undersigned Notary

A los 21 días del mes de Marzo
de 2007, el suscrito Notario

CERTIFIES

DA FE

- 1 That Miriam D. Meconnahey
of legal age and domiciled in
1964 Lakeview Road, Wilmington, DE 19805, USA
set his hand on the foregoing document.
- 2 That the grantor is to me personally known and that he/she has
legal capacity to execute the instrument.
- 3 That the grantor has executed the foregoing document as
Assistant Secretary - Patent Board
of the judicial person E.I DuPont De Nemours And
Company
having its home office in
1007 Market Street, Wilmington, Delaware 19898
United States of America
is duly organized, has present legal existence and that the
purposes for which the power of attorney is granted are within
the scope of its corporate purposes.
- 5 That the grantor has in fact the referred to authority and that
his/her representation is legal.
6. That I have based certifications 3, 4 and 5 above on the
following authentic documents for such purpose exhibited to me
and which I mention specifically, giving their dates and their
origin or source:

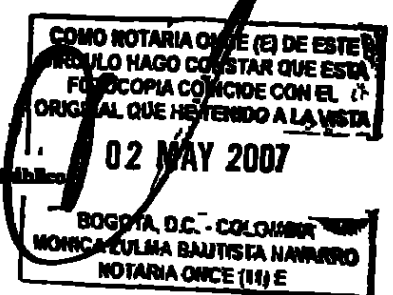
- 1 Que Miriam D. Meconnahey
mayor y domiciliado en
1964 Lakeview Road, Wilmington, DE
19805 Estados Unidos de América
suscribió de su puño y letra el documento que antecede.
- 2 Que conozco al otorgante y que éste tiene capacidad legal
para el otorgamiento.
- 3 Que el otorgante ha suscrito el referido documento en su
carácter de
Subsecretaria- junta de patentes
de la persona jurídica E.I DuPont De Nemours
And Company
con sede en
1007 Market Street, Wilmington, Delaware 19898
United States of America
está legalmente constituida, que tiene existencia legal
actual y que el acto para el cual se otorga el poder está
comprendido entre los que constituyen su objeto social.
- 5 Que el otorgante tiene efectivamente la representación que
ostenta y que ésta es legítima.
6. Que he basado las certificaciones 3, 4 y 5 anteriores en los
siguientes documentos auténticos que al efecto se me
exhibieron y que menciono específicamente con expresión
de sus fechas y de su origen o procedencia.

I certify that the purposes for which said instrument is granted
are within the scope of the objects or activities of said
corporation, in accordance with the Act of Incorporation issued
in 1915 and/or the By-Laws issued in the City of Wilmington,
Delaware and dated September 8, 1915 which both I have seen.
I attest

Certifico que el objeto por el cual este instrumento es para
llevar a cabo las actividades de la compañía de acuerdo con el
acta de constitución de fecha 1915 y estatutos en la ciudad de
Wilmington, Delaware, de fecha septiembre 8, 1915 que los
dos hemos visto. Doy fe.

Callie C. T. Jr
Notary Public

El Notario Público



TRADUCCIÓN OFICIAL N° 2203073 al español de un documento escrito en inglés, efectuada por Jaime Armando Garavito Burgos, c c N° 19 130 702 de Bogotá, Traductor e Intérprete Oficial inglés-español-inglés según Resolución N° 034 de enero 11 de 1983 expedida por el Ministerio de Justicia de la República de Colombia

APOSTILLA

- 1 País Estados Unidos de América
Este documento público
- 2 Ha sido firmado por Carol A Purse
- 3 Quien actúa en calidad de Notario Público del Estado de Delaware
- 4 Lleva el sello de Carol A Purse, Notario Público, Delaware

Certificado

Jaime A. Garavito B.
JAIME A. GARAVITO B.
TRADUCTOR E INTERPRETE OFICIAL
Res 034 de Enero 11 de 1983
MINISTERIO DE JUSTICIA

- 5 En Dover, Delaware
- 6 El día dos de marzo de 2007 A D
- 7 Por el Secretario de Estado, Departamento de Estado de Delaware
- 8 N° 0309317
- 9 Sello (Aparece adiendo sello dorado)
- 10 Firma (firmado) Harriet Smith Windsor, Secretario de Estado

CESIÓN

Texto en inglés y en español mediante el cual Isaac Billy ANNAN, John Lindsey FLEXNER, Hector Eduardo PORTILLO, George Philip LAHM, Thomas Paul SELBY, Thomas Martin STEVENSON ceden a E.I. du Pont de Nemours and Company, domiciliada en Delaware, Estados Unidos de

nnnnn *GA*

Aménca, todos sus derechos, título e interés sobre su invención tal como describe en

MEZCLAS SINÉRGICAS DE AGENTES DE ANTRANILAMIDA PARA EL CONTROL DE PLAGA INVERTEBRADA

en lo que concierne a la República de Colombia

Lugar y fecha Wilmington, Delaware

Febrero 23, 2007

Jaime A. Garavito B.
JAIME A. GARAVITO B
 TRADUCTOR E INTERPRETE OFICIAL
 Dec 024 de Enero 11 de 1983
 MINISTERIO DE JUSTICIA

 Isaac Billy ANNAN

 George Philip LAHM

[Firmado]

 John Lindsey FLEXNER

 Thomas Paul SELBY

 Hector Eduardo PORTILLO

 Thomas Martin STEVENSON

Estados Unidos de América)

Estado de Delaware)

Condado de New Castle)

) Declaración juramentada

Hoy 23 de febrero de 2007, compareció personalmente ante mí John Lindsey Flexner, a quien conozco y de quien doy fe se trata de la persona describe en el anterior instrumento y quien suscribió el mismo y reconoció haberlo ante mí haberlo suscrito

[Firmado] Carol A Purse, Notario Público

[Sello en tinta que dice "Carol A Purse, Notario Público, Estado de Delaware
Mi comisión vence el 30 de noviembre de 2010"]

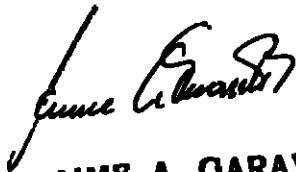
[Sello notarial realizado]

La anterior es traducción fiel y completa de la cual se deja copia en esta
oficina para su confrontación



Jaime Armando Garavito Burgos
c c N° 19 130 702 de Bogotá
Traductor e Intérprete Oficial según Resolución N° 034 de enero 11 de 1983
expedida por el Ministerio de Justicia

BOGDM5 # 73342



JAIME A. GARAVITO B
RADUCTION & INTERPRETE OFFICIAL
Dec 034 de Enero 11 de 1983
MINISTERIO DE JUSTICIA

Apostille

nnn1/

(Convention de La Haye du 5 Octobre 1961)

1 Country: *United States of America*

This public document:

2 *has been signed by Carol A. Purse*

3. *acting in the capacity of Notary Public of the State of Delaware*

4. *bears the seal/stamp of Carol A. Purse, Notary Public, Delaware*

Certified

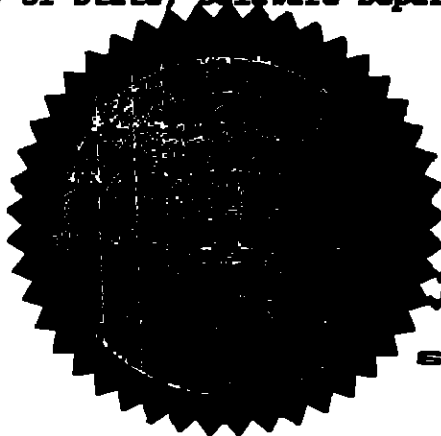
5. *at Dover, Delaware*

6. *the second day of March, A.D. 2007*

7. *by Secretary of State, Delaware Department of State*

8 No 0309317

9. Seal/Stamp:



10. Signature:

Herriet Smith Windsor
Secretary of State

ASSIGNMENT

Isaac Billy ANNAN, John Lindsey FLEXNER,
Hector Eduardo PORTILLO, George Philip
LAHM, Thomas Paul SELBY, Thomas Martin
STEVENSON

by means of this document assign to

E I du Pont de Nemours and Company

a corporation organized under the laws of

Delaware

domiciled in

1007 Market Street
Wilmington, Delaware 19898
United States of America

(hereinafter referred to as the "ASSIGNEE"),
all my (our) rights, title and interest in and to my
(our) invention for a new and useful
improvement entitled and as fully set forth and
described in

SYNERGISTIC MIXTURES OF
ANTHRANILAMIDE INVERTEBRATE PEST
CONTROL AGENTS

so far as the Republic of Colombia is concerned

Place Wilmington, Delaware, U SA

Date February 23, 2007

Isaac Billy ANNAN


John Lindsey FLEXNER

Hector Eduardo PORTILLO

CESION

Isaac Billy ANNAN, John Lindsey FLEX
NER, Hector Eduardo PORTILLO, George
Philip LAHM, Thomas Paul SELBY, Thoma
Martin STEVENSON

por medio de la presente cedo (cedemos) a

E I du Pont de Nemours and Company

una corporación organizada bajo las leyes de

Delaware

domiciliada en

1007 Market Street
Wilmington, Delaware 19898
Estados Unidos de América

(de ahora en adelante el "CESIONARIO"),
todos mis (nuestros) derechos, título e interés
sobre mi (nuestra) invención tal como describe
en

MEZCLAS SINERGICAS DE AGENTES DE ANTR
NILAMIDA PARA EL CONTROL DE PLAGA
INVERTEBRADA

en lo que concierne a la República de Colombia.

Lugar y fecha Wilmington, Delaware

Febrero 23, de 2007

George Philip LAHM

Thomas Paul SELBY

Thomas Martin STEVENSON

LEGALIZATION REQUIRED

United States of America

State of

Delaware

County of

New Castle

ss

208
nnn/3

On this 23rd day of February, 20 07, personally appeared
before me John Lindsey Flexner

to me known and known to me to be the individual__ described in and who executed the
foregoing instrument, and who acknowledged to me that __he__ executed the same

Carol A Purse
Notary Public

CAROL A. PURSE
NOTARY PUBLIC
STATE OF DELAWARE
My Commission Expires Nov. 30, 2010

TRADUCCIÓN OFICIAL N° 2203074 al español de un documento escrito en inglés, efectuada por Jaime Armando Garavito Burgos, c c N° 19 130 702 de Bogotá, Traductor e Intérprete Oficial inglés-español-inglés según Resolución N° 034 de enero 11 de 1983 expedida por el Ministerio de Justicia de la República de Colombia

APOSTILLA

- 1 País Estados Unidos de América
- Este documento público
- 2 Ha sido firmado por Judy H Foraker
- 3 Quien actúa en calidad de Notario Público del Estado de Delaware
- 4 Lleva el sello de Judy H Foraker, Notario Público, Delaware

Certificado

Jaime A. Garavito
JAIME A. GARAVITO B.
 TRADUCTOR E INTERPRETE OFICIAL
 RES. 034 de Enero 11 de 1983
 MINISTERIO DE JUSTICIA

- 5 En Dover, Delaware
- 6 El día dos de marzo de 2007 A D
- 7 Por el Secretario de Estado, Departamento de Estado de Delaware
- 8 N° 0309316
- 9 Sello (Aparece adhiriendo sello dorado)
- 10 Firma (firmado) Harnet Smith Windsor, Secretario de Estado

CESIÓN

Texto en inglés y en español mediante el cual Isaac Billy ANNAN, John Lindsey FLEXNER, Hector Eduardo PORTILLO, George Philip LAHM, Thomas Paul SELBY, Thomas Martin STEVENSON ceden a E.I. du Pont de

Nemours and Company, domiciliada en Delaware, Estados Unidos de América, todos sus derechos, título e interés sobre su invención tal como describe en

MEZCLAS SINÉRGICAS DE AGENTES DE ANTRANILAMIDA PARA EL CONTROL DE PLAGA INVERTEBRADA

en lo que concierne a la República de Colombia

Lugar y fecha Newark, Delaware

Enero 26, 2007

[Firmado]

Isaac Billy ANNAN

[Firmado]

George Philip LAHM

John Lindsey FLEXNER

[Firmado]

Thomas Paul SELBY

[Firmado]

Hector Eduardo PORTILLO

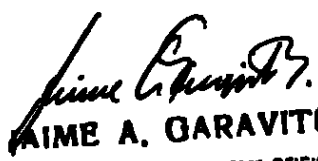
[Firma ilegible]

Thomas Martin STEVENSON

Estados Unidos de América	)	
	)	
Estado de Delaware	)	Declaración juramentada
	)	
Condado de New Castle	)	

Hoy 26 de enero de 2007, compareció personalmente ante mí Isaac Billy Annan, Hector Eduardo Portillo, George Philip Lahm, Thomas Paul Selby, Thomas Martin Stevenson, a quien conozco y de quien doy fe se trata de la persona describe en el anterior instrumento y quien suscribió el mismo y reconoció haberlo ante mí haberlo suscrito

[Firmado] Judy H Foraker, Notario Público


AIME A. GARAVITO B
TRADUCTOR E INTERPRETE OFICIAL
Dec 034 de Enero 11 de 1983
MINISTERIO DE JUSTICIA

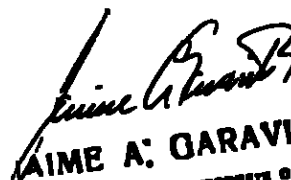
[Aparece adiendo sello dorado]

La anterior es traducción fiel y completa de la cual se deja copia en esta oficina para su confrontación



Jaime Armando Garavito Burgos
c c N° 19 130 702 de Bogotá
Traductor e Intérprete Oficial según Resolución N° 034 de enero 11 de 1983
expedida por el Ministerio de Justicia

BOGDM5 # 73350



JAIME A. GARAVITO B.
TRADUCTOR E INTERPRETE OFICIAL
Por 034 de Enero 11 de 1983
MINISTERIO DE JUSTICIA

Apostille

nnn17

(Convention de La Haye du 5 Octobre 1961)

1. Country: United States of America

This public document

2 has been signed by Judy H. Foraker

3 acting in the capacity of Notary Public of the State of
Delaware

4 bears the seal/stamp of Judy H. Foraker, Notary Public,
Delaware

Certified

5 at Dover, Delaware

6 the second day of March, A.D. 2007

7 by Secretary of State, Delaware Department of State

8 No 0309316

9 Seal/Stamp

10. Signature.

Herriet Smith Windsor
Secretary of State



nan 1/8

213

ASSIGNMENT

Isaac Billy ANNAN, John Lindsey FLEXNER,
Hector Eduardo PORTILLO, George Philip
LAHM, Thomas Paul SELBY, Thomas Martin
STEVENSON

by means of this document assign to

E I du Pont de Nemours and Company

a corporation organized under the laws of

Delaware

domiciled in

1007 Market Street
Wilmington, Delaware 19898
United States of America

(hereinafter referred to as the "ASSIGNEE"),
all my (our) rights, title and interest in and to my
(our) invention for a new and useful
improvement entitled and as fully set forth and
described in

SYNERGISTIC MIXTURES OF
ANTHRANILAMIDE INVERTEBRATE PEST
CONTROL AGENTS

so far as the Republic of Colombia is concerned

Place Newark, Delaware

Date January 26, 2007

Isaac Billy Annan
Isaac Billy ANNAN

John Lindsey FLEXNER

Hector Eduardo Portillo
Hector Eduardo PORTILLO

CESION

Isaac Billy ANNAN, John Lindsey FLEX
NER, Hector Eduardo PORTILLO, George
Philip LAHM, Thomas Paul SELBY, Thomas
Martin STEVENSON

por medio de la presente cedo (cedemos) a

E I du Pont de Nemours and Company

una corporación organizada bajo las leyes de

Delaware

domiciliada en

1007 Market Street
Wilmington, Delaware 19898
Estados Unidos de América

(de ahora en adelante el "CESIONARIO"),
todos mis (nuestros) derechos, título e interés
sobre mi (nuestra) invención tal como describe
en

MEZCLAS SINERGICAS DE AGENTES DE ANTRA
NILAMIDA PARA EL CONTROL DE PLAGA
INVERTEBRADA

en lo que concierne a la República de Colombia

Lugar y fecha Newark, Delaware

Enero 26, 2007

George Philip LaHm
George Philip LAHM

Thomas Paul Selby
Thomas Paul SELBY
Thomas Martin Stevenson
Thomas Martin STEVENSON

LEGALIZATION REQUIRED

United States of America

State of Delaware

County of New Castle

ss

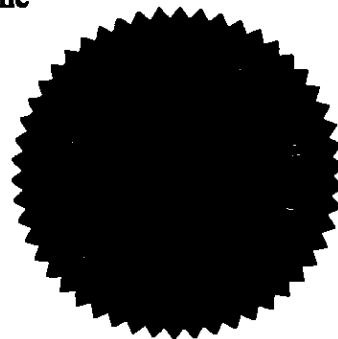
nnn/19

24

On this 26 day of January, 2007, personally appeared
before me Isaac Billy Annan, Hector Eduardo
Portillo, George Philip Lehm, Thomas
Paul Selby, Thomas Martin Stevenson

to me known and known to me to be the individual__ described in and who executed the
foregoing instrument, and who acknowledged to me that __he__ executed the same

Judy H. Parker
Notary Public





PATENT COOPERATION TREATY

NOTIFIED 0000/0

PCT/US2006/023813

15 2007

PCT/US2006/023813

From the INTERNATIONAL BUREAU

PCT

NOTIFICATION OF THE RECORDING
OF A CHANGE(PCT Rule 92bis 1 and
Administrative Instructions, Section 422)

To

BIRCH, Linda, D
E I DU PONT DE NEMOURS AND COMPANY
LEGAL PATENT RECORDS CENTER
4417 Lancaster Pike
Wilmington, Delaware 19805
ETATS-UNIS D'AMERIQUE

Date of mailing (day/month/year)

28 November 2006 (28 11.2006)

Applicant's or agent's file reference

BA9338PCT

IMPORTANT NOTIFICATION

International application No.

PCT/US2006/023813

International filing date (day/month/year)

30 June 2006 (30 06.2006)

1 The following indications appeared on record concerning:

☒ the applicant☒ the inventor☐ the agent☐ the common representative

Name and Address

State of Nationality

State of Residence

Telephone No.

Facsimile No.

Teleprinter No.

2 The International Bureau hereby notifies the applicant that the following change has been recorded concerning:

☐ the person☐ the name☐ the address☐ the nationality☐ the residence

Name and Address

State of Nationality

State of Residence

STEVENSON, Thomas, Martin
103 Iroquois Court
Newark, DE 19702
United States of America

US

US

Telephone No.

Facsimile No.

Teleprinter No.

3 Further observations, if necessary:

The person identified in Box 2 is now recorded as applicant for the United States of America only and inventor for all designated States

4 A copy of this notification has been sent to:

☒ the receiving Office☐ the International Searching Authority☐ the International Preliminary Examining Authority☒ the designated Offices concerned☐ the elected Offices concerned☐ otherThe International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland

Authorized officer:

Chenot Sophie

Facsimile No. +41 22 338 82 70

Facsimile No. +41 22 338 89 95

Telephone No. +41 22 338 80 61

Form PCT/IB/306 (October 2005)

1/0537/0000

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PATENT COOPERATION TREATY

PCT/US2005/023813

FEB 15 2007

GROUP

From the INTERNATIONAL BUREAU

PCT

NOTIFICATION OF THE RECORDING
OF A CHANGE(PCT Rule 92bis.1 and
Administrative Instructions, Section 422)

Date of mailing (day/month/year) 28 November 2006 (28.11.2006)	To: BIRCH, Linda, D. E. I. DU PONT DE NEMOURS AND COMPANY LEGAL PATENT RECORDS CENTER 4417 Lancaster Pike Wilmington, Delaware 19805 ETATS-UNIS D'AMERIQUE
Applicant's or agent's file reference BA9338PCT	
International application No. PCT/US2005/023813	
IMPORTANT NOTIFICATION	
International filing date (day/month/year) 30 June 2005 (30.06.2005)	

1 The following indications appeared on record concerning:		
☒ the applicant	☒ the inventor	☐ the agent
☐ the common representative		
Name and Address	State of Nationality	State of Residence
	Telephone No.	
	Facsimile No.	
	Teleprinter No.	

2 The International Bureau hereby notifies the applicant that the following change has been recorded concerning:		
☐ the person	☐ the name	☐ the address
☐ the nationality		
☐ the residence		
Name and Address LAHM, George, Philip 148 Fairhill Drive Wilmington, DE 19808 United States of America	State of Nationality US	State of Residence US
	Telephone No.	
	Facsimile No.	
	Teleprinter No.	

3. Further observations, if necessary: The person identified in Box 2 is now recorded as applicant for the United States of America only and inventor for all designated States.

4. A copy of this notification has been sent to:	
☒ the receiving Office	☒ the designated Offices concerned
☐ the International Searching Authority	☐ the elected Offices concerned
☐ the International Preliminary Examining Authority	☐ other

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer Chamot Sophie
Facsimile No. +41 22 338 82 70	Facsimile No. +41 22 338 89 95
	Telephone No. +41 22 338 80 61

PATENT COOPERATION TREATY

PCT/US2005/023813

PCT

NOTIFICATION OF THE RECORDING
OF A CHANGE(PCT Rule 92bis.1 and
Administrative Instructions, Section 422)

Date of mailing (day/month/year)

28 November 2006 (28.11.2006)

Applicant's or agent's file reference

BA9338PCT

International application No.

PCT/US2005/023813

From the INTERNATIONAL BUREAU

To:

BIRCH, Linda, D.

E. I. DU PONT DE NEMOURS AND COMPANY

LEGAL PATENT RECORDS CENTER

4417 Lancaster Pike

Wilmington, Delaware 19805

ETATS-UNIS D'AMERIQUE

IMPORTANT NOTIFICATION

International filing date (day/month/year)

30 June 2005 (30.06.2005)

1. The following indications appeared on record concerning:

☒ the applicant☒ the inventor☐ the agent☐ the common representative

Name and Address

State of Nationality

State of Residence

Telephone No.

Facsimile No.

Teleprinter No.

2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning:

☐ the person☐ the name☐ the address☐ the nationality☐ the residence

Name and Address

State of Nationality

State of Residence

SELBY, Thomas, Paul

US

US

820 Benge Road

Hockessin, DE 19707

United States of America

Telephone No.

Facsimile No.

Teleprinter No.

3. Further observations, if necessary

The person identified in Box 2 is now recorded as applicant for the United States of America only and inventor for all designated States.

4. A copy of this notification has been sent to:

☒ the receiving Office☐ the International Searching Authority☐ the International Preliminary Examining Authority☒ the designated Offices concerned☐ the elected Offices concerned☐ other:The International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland

Authorized officer

Chamot Sophie

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Facsimile No. +41 22 338 82 70

Form PCT/IB/306 (October 2005)

1/C2F356V00

From the INTERNATIONAL BUREAU

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PCT**NOTIFICATION CONCERNING
TRANSMITTAL OF COPY OF INTERNATIONAL
PRELIMINARY REPORT ON PATENTABILITY
(CHAPTER I OF THE PATENT COOPERATION
TREATY)**

(PCT Rule 44bis 1(c))

To

BIRCH Linda, D
E I DU PONT DE NEMOURS AND COMPANY
LEGAL PATENT RECORDS CENTER
4417 Lancaster Pike
Wilmington, Delaware 19805
ETATS-UNIS D'AMERIQUE

Date of mailing (day/month/year)
18 January 2007 (18 01 2007)

Applicant's or agent's file reference
BA9336PCT

IMPORTANT NOTICE

International application No
PCT/US2005/023813

International filing date (day/month/year)
30 June 2005 (30 06 2005)

Priority date (day/month/year)
01 July 2004 (01 07 2004)

Applicant

E I DUPONT DE NEMOURS AND COMPANY et al

The International Bureau transmits herewith a copy of the international preliminary report on patentability (Chapter I of the Patent Cooperation Treaty)

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PATENT RECORDS CENTER

JAN 30 2007

☐ TO BE REVIEWED
BY ATTORNEY**EEL NOTED**

01 Jan 2007

The International Bureau of WIPO
34 chemin des Colombettes
1211 Geneva 20, Switzerland

Authorized officer

Athina Nickitas-Etienne

Facsimile No. +41 22 338 82 70

e-mail pc04@wipo.int

Form PCT/IB/326 (January 2004)

PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY
(Chapter I of the Patent Cooperation Treaty)

(PCT Rule 44bis)

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Applicant's or agent's file reference BA9338PCT	FOR FURTHER ACTION	See item 4 below
International application No. PCT/US2005/023813	International filing date (day/month/year) 30 June 2005 (30.06.2005)	Priority date (day/month/year) 01 July 2004 (01.07.2004)
International Patent Classification (8th edition unless older edition indicated) See relevant information in Form PCT/ISA/237		
Applicant E I DUPONT DE NEMOURS AND COMPANY		

1	This international preliminary report on patentability (Chapter I) is issued by the International Bureau on behalf of the International Searching Authority under Rule 44 bis 1(a).
2	This REPORT consists of a total of 11 sheets, including this cover sheet. In the attached sheets any reference to the written opinion of the International Searching Authority should be read as a reference to the international preliminary report on patentability (Chapter I) instead.
3	This report contains indications relating to the following items: ☒ Box No. I Basis of the report ☐ Box No. II Priority ☒ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability ☒ Box No. IV Lack of unity of invention ☒ Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability, citations and explanations supporting such statement ☒ Box No. VI Certain documents cited ☐ Box No. VII Certain defects in the international application ☐ Box No. VIII Certain observations on the international application
4	The International Bureau will communicate this report to designated Offices in accordance with Rules 44bis.3(c) and 93bis 1 but not except where the applicant makes an express request under Article 23(2), before the expiration of 30 months from the priority date. (Rule 44bis 2)

	Date of issuance of this report 09 January 2007 (09.01.2007)
The International Bureau of WIPO 34 chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No. +41 22 338 82 70	Authorized officer Athina Nickitas-Etienne e-mail: pct01@wipo.int

Form PCT/IB/373 (January 2004)

PATENT COOPERATION TREATY

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220From the
INTERNATIONAL SEARCHING AUTHORITY

To see form PCT/ISA/220	REC'D 17 MAY 2006 WIPO	PCT WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY (PCT Rule 43bis 1)
	Date of mailing (day/month/year) see form PCT/ISA/210 (second sheet)	
Applicant's or agent's file reference see form PCT/ISA/220		FOR FURTHER ACTION See paragraph 2 below
International application No. PCT/US2005/023813	International filing date (day/month/year) 30.06 2005	Priority date (day/month/year) 01 07 2004
International Patent Classification (IPC) or both national classification and IPC INV A01N43/56		
Applicant E I DUPONT DE NEMOURS AND COMPANY		

1 This opinion contains indications relating to the following items

- ☒ Box No. I Basis of the opinion
☐ Box No. II Priority
☒ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
☒ Box No. IV Lack of unity of invention
☒ Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
☒ Box No. VI Certain documents cited
☐ Box No. VII Certain defects in the international application
☐ Box No. VIII Certain observations on the international application

2 FURTHER ACTION

If a demand for international preliminary examination is made, this opinion will usually be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA"). However, this does not apply where the applicant chooses an Authority other than the IPEA and the chosen IPEA has notified the International Bureau under Rule 68 1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of three months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3 For further details, see notes to Form PCT/ISA/220

Name and mailing address of the ISA  European Patent Office - P. B. 5818 Patentkan 2 NL-2280 HV Rijswijk - Pays Bas Tel +31 70 340 - 2040 Tx 31 651 epo.nl Fax +31 70 340 3016	Authorized Officer Fort, M Telephone No. +31 70 340-4123 
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**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No. **00076**
PCT/US2005/023813

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Box No 1 Basis of the opinion

- 1 With regard to the language, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item
 - ☐ This opinion has been established on the basis of a translation from the original language into the following language , which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23 1(b))
- 2 With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of
 - a type of material
 - ☐ a sequence listing
 - ☐ table(s) related to the sequence listing
 - b format of material
 - ☐ in written format
 - ☐ in computer readable form
 - c time of filing/furnishing
 - ☐ contained in the international application as filed.
 - ☐ filed together with the international application in computer readable form
 - ☐ furnished subsequently to this Authority for the purposes of search
- 3 ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished
- 4 Additional comments

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No
PCT/US2005/023813

Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability

The questions whether the claimed invention appears to be novel, to involve an inventive step (to be non obvious), or to be industrially applicable have not been examined in respect of

☐ the entire international application,

☒ claims Nos 1(part), 5-7(part.) 11-25(part.)

because

☐ the said international application, or the said claims Nos relate to the following subject matter which does not require an international preliminary examination (specify)

☐ the description, claims or drawings (indicate particular elements below) or said claims Nos are so unclear that no meaningful opinion could be formed (specify)

☐ the claims, or said claims Nos are so inadequately supported by the description that no meaningful opinion could be formed

☒ no international search report has been established for the whole application or for said claims Nos 1(part.) , 5-7(part.), 11-25(part.)

☐ the nucleotide and/or amino acid sequence listing does not comply with the standard provided for in Annex C of the Administrative Instructions in that

the written form

☐ has not been furnished

☐ does not comply with the standard

the computer readable form

☐ has not been furnished

☐ does not comply with the standard

☐ the tables related to the nucleotide and/or amino acid sequence listing if in computer readable form only, do not comply with the technical requirements provided for in Annex C-bis of the Administrative Instructions

☐ See separate sheet for further details

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No
PCT/US2005/023813

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Box No. IV Lack of unity of invention

- 1 ☒ In response to the invitation (Form PCT/ISA/206) to pay additional fees, the applicant has
- ☒ paid additional fees
 - ☐ paid additional fees under protest.
 - ☐ not paid additional fees
- 2 ☐ This Authority found that the requirement of unity of invention is not complied with and chose not to invite the applicant to pay additional fees
- 3 This Authority considers that the requirement of unity of invention in accordance with Rule 13.1, 13.2 and 13.3 is
- ☐ complied with
 - ☒ not complied with for the following reasons
see separate sheet
- 4 Consequently, this report has been established in respect of the following parts of the international application
- ☐ all parts
 - ☒ the parts relating to claims Nos 1(part), 2-4, 5-7(part), 8-10, 11-25(part.)

Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability, citations and explanations supporting such statement

1 Statement

Novelty (N)	Yes	Claims	6, 8, 9, 10
	No	Claims	1- 5, 7, 11-25
Inventive step (IS)	Yes	Claims	
	No	Claims	1-25
Industrial applicability (IA)	Yes	Claims	1-25
	No	Claims	

2 Citations and explanations

see separate sheet

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No
PCT/US2005/023813

Box No. VI Certain documents cited

- 1 Certain published documents (Rules 43*bis*.1 and 70.10)
and/or
- 2 Non-written disclosures (Rules 43*bis*.1 and 70.9)
see form 210

nnn/20 us

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING
AUTHORITY (SEPARATE SHEET)**

International application No

PCT/US2005/023813

Re Item IV

Lack of unity of invention

Prima facie, the common technical features linking the 19 inventions listed in the invitation to pay additional fees is that they all deal with mixtures comprising a compound of Formula 1 as described in claim 1 and at least one further invertebrate pest control agent. This common concept linking together the 19 inventions is not novel since mixtures comprising an anthranilamide compound such as the compound of formula 1 in admixture with an insecticide or acaricide, most preferably cyhalothrin, beta-cyfluthrin, esfenvalerate, imidacloprid, thiacloprid, indoxacarb, abamectin, endosulfan, ethiprole, flupronil, flufenoxuron, pyriproxyfen, pymetrozine, amitraz or *Bacillus thuringiensis* have been described in the prior art (see for example D1 (D1=WO 015519), p 60, l 24 - p 61, l 10 and example 6). Since all the technical features of the common concept are known from D1, these features are not "special technical features" in the sense of Rule 13(2) PCT. Since no other technical features can be distinguished, which could possibly fulfil this requirement, there is no single inventive concept underlying the different inventions and the requirement of unity of invention in accordance with Rule 13.1, 13.2 and 13.3 PCT is not complied with.

As three additional search fees have been paid for the 2nd, 3rd and 7th inventions identified in the invitation to pay additional fees, the following reasoning covers only the 1st, 2nd, 3rd and 7th inventions, that is

Subject 1

A mixture comprising (a) a compound of Formula 1 and at least one neonicotinoid (b1), a spray composition, bait composition and trap device comprising said mixture and a method for controlling an invertebrate pest using the aforementioned mixture

Subject 2

A mixture comprising (a) a compound of Formula 1 and at least one cholinesterase inhibitor (b2), a spray composition, bait composition and trap device comprising said mixture and a method for controlling an invertebrate pest using the aforementioned mixture

Subject 3

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING
AUTHORITY (SEPARATE SHEET)**

International application No

PCT/US2005/023813

A mixture comprising (a) a compound of Formula 1 and at least one sodium channel modulator (b3), a spray composition, bait composition and trap device comprising said mixture and a method for controlling an invertebrate pest using the aforementioned mixture

Subject 7

A mixture comprising (a) a compound of Formula 1 and at least one macrocyclic lactone (b7), a spray composition, bait composition and trap device comprising said mixture and a method for controlling an invertebrate pest using the aforementioned mixture

Re Item V

Reasoned statement with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

Reference is made to the following documents

D1 WO 03/015519 A (E I DU PONT DE NEMOURS AND COMPANY, LAHM, GEORGE, PHILIP, SELBY, THOM) 27 February 2003 (2003-02-27)

D2 WO 03/015518 A (E I DU PONT DE NEMOURS AND COMPANY, LAHM, GEORGE, PHILIP, MCCANN, STE) 27 February 2003 (2003-02-27)

Subject 1 (claims 1(part.), 2, 5-7(part.), 8, 11-25(part.)):

Both D1 and D2 disclose the preparation of anthranilamides such as the compound of formula 1 (see D1, example 6 and D2, example 11) and a method for controlling invertebrate pests using the same Preferred insecticides or acaricides for mixing with the anthranilamide compounds include imidacloprid and thiacloprid (see D1, p 60, l.24-p 61, l 2, D2, p 97, l 37-p 98, l 2) The compositions described in D1-D2 are known to be effective against the pests of the order Lepidoptera and Homoptera described in claims 14 to 22 of the present application Thus each of D1-D2 is novelty-destroying for the subject-matter of claims 1-2, 5, 7 and 11 -25 (Article 33 (2) PCT)

The subject-matter of claims 6 and 8, although novel, cannot be considered as being inventive (Article 33(3) PCT) for the following reasons

Mixtures of (1) with a neonicotinoid compound being used in both D1 and D2 for controlling

Invertebrate pests, the use of a three-component mixture (claim 6) as well as the choice of the weight ratio of the neonicotinoid to the compound of formula 1 (claim 8) are merely straightforward possibilities from which the skilled person would select, in accordance with circumstances, without the exercise of inventive skill

Subject 2 (claims 1(part), 3, 5-7(part), 9, 11-25(part.)):

Both D1 and D2 disclose the preparation of anthranilamides such as the compound of formula 1 (see D1, example 6 and D2, example 11) and a method for controlling invertebrate pests using the same. Preferred insecticides or acaricides for mixing with the anthranilamide compounds include methomyl, oxamyl and thiodicarb (see D1, p.60, l.24-p 61, l 1, D2, p 96, l 31-p 98, l 2). The compositions described in D1-D2 are known to be effective against the pests of the order Lepidoptera and Homoptera described in claims 14 to 22 of the present application. Thus each of D1-D2 is novelty-destroying for the subject-matter of claims 1, 3, 5, 7 and 11-25 (Article 33 (2) PCT).

The subject-matter of claims 6 and 9, although novel, cannot be considered as being inventive (Article 33(3) PCT) for the following reasons:

Mixtures of (1) with a cholinesterase inhibitor being used in both D1 and D2 for controlling invertebrate pests, the use of a three-component mixture (claim 6) as well as the choice of the weight ratio of the cholinesterase inhibitor to the compound of formula 1 (claim 9) are merely straightforward possibilities from which the skilled person would select, in accordance with circumstances, without the exercise of inventive skill.

Subject 3 (claims 1(part.), 4, 5-7(part.), 10, 11-25(part.)):

Both D1 and D2 disclose the preparation of anthranilamides such as the compound of formula 1 (see D1, example 6 and D2, example 11) and a method for controlling invertebrate pests using the same. Preferred insecticides or acaricides for mixing with the anthranilamide compounds include cypermethrin, cyhalothrin, cyfluthrin, esfenvalerate, fenvalerate and tralomethrin (see D1, p 60, l 24-38, D2, p 96, l 31-p 98, l 1). The compounds described in D1-D2 are known to be effective against the pests of the order

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING
AUTHORITY (SEPARATE SHEET)**

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International application No

PCT/US2005/023813

Lepidoptera and Homoptera described in claims 14 to 22 of the present application. Thus each of D1-D2 is novelty-destroying for the subject-matter of claims 1, 4, 5, 7 and 11-25 (Article 33 (2) PCT).

The subject-matter of claims 6 and 10, although novel, cannot be considered as being inventive (Article 33(3) PCT) for the following reasons:

Mixtures of (1) with a sodium channel modulator being used in both D1 and D2 for controlling invertebrate pests, the use of a three-component mixture (claim 6) as well as the choice of the weight ratio of the sodium channel modulator to the compound of formula 1 (claim 10) are merely straightforward possibilities from which the skilled person would select, in accordance with circumstances, without the exercise of inventive skill.

Subject 7 (claims 1(part.), 5-7(part.), 11-25(part.)):

Both D1 and D2 disclose the preparation of anthranilamides such as the compound of formula 1 (see D1, example 6 and D2, example 11) and a method for controlling invertebrate pests using the same. Preferred insecticides or acaricides for mixing with the anthranilamide compounds include spinosad, abamectin, avermectin and enamectin (see D1, p 60, l 24 - p 61, l 3; D2, p 96, l 30 - p 98, l 4). The compounds described in D1-D2 are known to be effective against the pests of the order Lepidoptera and Homoptera described in claims 14 to 22 of the present application. Thus each of D1-D2 is novelty-destroying for the subject-matter of claims 1, 5, 7 and 11-25 (Article 33 (2) PCT).

The subject-matter of claims 6, although novel, cannot be considered as being inventive (Article 33(3) PCT) for the following reasons:

Mixtures of (1) with a cholinesterase inhibitor being used in both D1 and D2 for controlling invertebrate pests, the use of a three-component mixture (claim 6) is merely a straightforward possibility from which the skilled person would select, in accordance with circumstances, without the exercise of inventive skill.

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING
AUTHORITY (SEPARATE SHEET)**

International application No

PCT/US2005/023813

Re Item VI

Certain documents cited

Certain published documents

Application No Patent No	Publication date (day/month/year)	Filing date (day/month/year)	Priority date (valid claim) (day/month/year)
WO 2005/079575	01 09 2005	21 02 2005	24 02.2004 27 05 2004
WO 2005/107468	17 11 2005	10 05 2005	10 05 2004
WO 2005/048711	02 08 2005	30 10 2004	14 11 2003 07.02.2004
WO 2005/053393	16 06.2005	20 11 2004	04 12 2003
WO 2005/053406	16 06 2005	20 11.2004	04 12 2003 03 05 2004
WO 2005/048713	02 06 2005	30 10 2004	14 11 2003 03.05 2004

The aforementioned documents appear to be particularly relevant. No check has been made as to whether the priorities have been validly claimed.

REPUBLICA DE COLOMBIA
SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO

Folio 230

2020
Bogotá D.C.,

Doctor(a)
CORREA ORDOÑEZ ALVARO
Apoderado(a) y/o Representante de
E.I. DUPONT DE NEMOURS AND COMPANY

REFERENCIA	Radicación No.	06 127661
	Solicitud internacional	PCT/US2005/023813
	Fecha inicio fase nacional	01/02/2007
	Trámite	11
	Evento	378
	Actuación	416
	Oficio No.	3976
	Folios	1

Teniendo en cuenta que la solicitud de privilegio de patente que se tramita bajo el expediente indicado en la referencia, reúne los requisitos de forma establecidos en la Decisión 486 de la Comisión de la Comunidad Andina, el Tratado de Cooperación en Materia de Patentes (PCT), el Reglamento y la Circular Única de la Superintendencia de Industria y Comercio, se envía el extracto de la solicitud a la Oficina de Comunicaciones para efecto de su publicación en la Gaceta de Propiedad Industrial.

Cumplase
Dado en Bogotá DC,

24 SET. 2007

ALIX CARMENZA CESPEDES DE VERGEL
Jefe de la división de Nuevas Creaciones

adpa10