

**Señora Jefe
DIVISIÓN DE NUEVAS CREACIONES
SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO
Bogotá, D.C.**

**Re.: Expediente No. 07 7.670
Fase Nacional Solicitud de Patente PCT a
nombre de AMGEN SF, LLC
Código 011 - 378 - 444**

En relación con la solicitud contenida en el expediente de la referencia y, en particular, para dar respuesta a su último requerimiento hecho dentro del mismo, dentro del término conferido, por medio del presente escrito me permito manifestarle:

1. Acompaño copia certificada del documento donde consta la cesión del derecho a la patente de los Inventores:

- Zice Fu
- Michael G. Jonson
- An-Rong Li
- Julio C. Medina
- Xiaoqi Chen
- Jeffrey Deignan
- Xiaohui Du
- Jason A. Duquette
- Darin Gustin
- Jeffrey T. Mihalic

a favor de la sociedad Amgen SF, LLC, debidamente firmado, autenticado por Notario Público y legalizado por Apostilla.

2. Acompaño copia certificada del documento donde consta la cesión del derecho a la patente del Inventor.

06
26

- **Andrew P. Marcus**

a favor de la sociedad Amgen SF, LLC, debidamente firmado, autenticado por Notario Público y legalizado por Apostilla.

3. Acompaño copia certificada del documento donde consta la cesión del derecho a la patente del Inventor:

- **Philippe Bergeron**

a favor de la sociedad Amgen SF, LLC, debidamente firmado, autenticado por Notario Público y legalizado por Apostilla.

4. Acompaño copia auténtica del poder conferido por la sociedad solicitante, Amgen SF, LLC, debidamente firmado, autenticado ante Notario Público quién certifica la existencia y representación legal de la sociedad y legalizado por Apostilla.

Le solicito se sirva agregar este escrito y sus anexos al expediente y continuar con el trámite de la solicitud.

De Usted Atentamente,

GERMAN CASTILLO GRAU
T.P. No. 2978 del C.S.J.

Apostille

(Convention de La Haye du 5 Octobre 1961)

87/3

1. Country: **United States of America**

This public document

2. has been signed by **Norman Goodman**

3. acting in the capacity of **County Clerk**

4. bears the seal/stamp of the county of **New York**

Certified

5. At New York, New York 6. the 15th day of February 2007

7. by Special Deputy Secretary of State, State of New York

8. No. NYC-10242173B

9. Seal/Stamp

10. Signature



James Bizzarri

Special Deputy Secretary of State

NEW YORK
COUNTY

State of New York
County of New York,

546889

Form 1

I, NORMAN GOODMAN, County Clerk and Clerk of the Supreme Court of the State of New York, in and for the County of New York, a Court of Record, having by law a seal,
DO HEREBY CERTIFY pursuant to the Executive Law of the State of New York, that

whose name is subscribed to the annexed affidavit, deposition, certificate of acknowledgment or proof, was at the time of taking the same a NOTARY PUBLIC in and for the State of New York duly commissioned, sworn and qualified to act as such; that pursuant to law, a commission or a certificate of his official character, with his autograph signature has been filed in my office; that at the time of taking such proof, acknowledgment or oath, he was duly authorized to take the same; that I am well acquainted with the handwriting of such NOTARY PUBLIC or have compared the signature on the annexed instrument with his autograph signature deposited in my office, and I believe that such signature is genuine.

IN WITNESS WHEREOF, I have hereunto set my hand affixed my official seal this

FEB 08 2007

FEE PAID \$3.00

County Clerk and Clerk of the Supreme Court, New York County

VERIFICATION

STATE OF NEW YORK)
) ss:
COUNTY OF NEW YORK)

I verify that the attached document identified as:

Assignment

is a true copy of the document as executed on November 17, 2005 by **Xiaoqi Chen**, executed on November 28, 2005 by **Michael G. Johnson** and **Darin Gustin**, executed on November 30, 2005 by **Zice Fu**, **Jason A. Duquette** and **Jeffrey T. Mihalic** and executed on December 1, 2005 by **An-Rong Li**, **Julio C. Medina**, **Xiaohui Du** and **Jeffrey Deignan** to **AMGEN SF, LLC** of United States and corresponding foreign rights in connection with U.S. Serial No. 11/168,005 filed June 27, 2005 (which is the converted provisional Application No. 60/583,901 filed June 28, 2004).



Courtney Manning
Courtney Manning

Subscribed and sworn to before me this 19th day of
January, 2006.

[Signature]
Notary Public

JAMAL PARKER
Notary Public, State of New York
No. 01PA8042838
Qualified in Kings County
Certificate Filed in New York County
Commission Expires June 5, 2011

11134-038-999
893053-99903

UNITED STATES PATENT AND TRADEMARK OFFICE

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

FEBRUARY 09, 2006

PTAS

700233404A

JONES DAY
222 EAST 41ST STREET
NEW YORK, NY 10017

700233404A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 12/28/2005

REEL/FRAME: 017144/0092
NUMBER OF PAGES: 9

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

✓ ASSIGNOR:
FU, ZICC

DOC DATE: 11/17/2005

✓ ASSIGNOR:
JOHNSON, MICHAEL G.

DOC DATE: 11/28/2005

✓ ASSIGNOR:
LI, AN-RONG

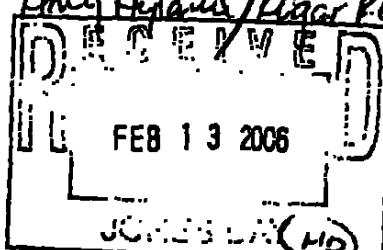
DOC DATE: 11/30/2005

✓ ASSIGNOR:
MEDINA, JULIO C.

DOC DATE: 12/01/2005

✓ ASSIGNOR:
CHEN, XIAOQI

DOC DATE: 12/01/2005



FEB 17 2006

91/6

017144/0092 PAGE 2

ASSIGNOR:

✓ DU, XIAOHUI

DOC DATE: 12/01/2005

ASSIGNOR:

✓ DEIGNAN, JEFFREY

DOC DATE: 12/01/2005

ASSIGNOR:

✓ DUQUETTE, JASON A.

DOC DATE: 12/01/2005

ASSIGNOR:

✓ GUSTIN, DARIN

DOC DATE: 12/01/2005

ASSIGNOR:

✓ MIHALIC, JEFFREY T.

DOC DATE: 12/01/2005

ASSIGNEE:

✓ AMGEN SF, LLC
1120 VETERANS BOULEVARD
SOUTH SAN FRANCISCO, CALIFORNIA

94080

SERIAL NUMBER: 11168005 ✓

FILING DATE: 06/27/2005 ✓

PATENT NUMBER:

ISSUE DATE:

TITLE: COMPOUNDS, COMPOSITIONS AND METHODS FOR PREVENTION AND TREATMENT OF
✓ INFLAMMATORY AND IMMUNOREGULATORY DISORDERS AND DISEASESJOANN STEWART, EXAMINER
ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION

1/22/2008
700233404

VIA FACSIMILE

RECORDATION FORM COVER SHEET PATENTS ONLY		Attorney Docket Number 11134-038-099
Mail Stop Assignment Recordation Services Director of the United States Patent and Trademark Office P.O. Box 1480 Alexandria, VA 22313-1480		
Please report the attached original documents or copy thereof.		
1. Name of conveying party(ies): Zhou Fu Michael G. Johnson An-Rong Li Julie C. Medina Xiaoqi Chen Xiaohui Du Jeffrey Delgosa Jason A. Desjardis Darin Gustin Jeffrey T. McCallis Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No	2. Name and address of receiving party(ies): Name: AMGEN SE, LLC Address: 1130 Veterans Boulevard South San Francisco, CA 94080 Country (if other than USA): Zip Code: Additional name(s) & address(es) attached? ☐ Yes ☒ No	
3. Nature of conveyance: ☒ Assignments ☐ Security Agreement ☐ Other Mergers Change of Name Exemption Date: 11-17-08, 11-22-08, 11-30-08, 12-1-08		
4. Application number(s) or patent number(s) If this document is being filed together with a new application, the examination date of the application is: A. Patent Application No.(s) 11/168,001 B. Patent No.(s) Additional numbers attached? ☐ Yes ☒ No		
5. Name and address of party to whom correspondence concerning document should be mailed: JONES DAY 225 East 41st Street New York, New York 10017	6. Number of applications and patents involved: 1 7. Total fee (37 CFR 3.41): \$ 40.00 Please charge to the deposit account listed in Section 8. 8. Deposit account number: 30-3013 (893063-299038)	
DO NOT USE THIS SPACE		
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original documents. Rahul Pathak For Anthony M. Thompson (Reg. 35,203) 42,983 Name of Person Signing Reg. No. Signature Date December 28, 2003		
Total number of pages including cover sheet:		9

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services
Director of the United States Patent and Trademark Office
P.O. Box 1480
Alexandria, VA 22313-1480
Or fax documents to Fax No.: 571-372-0140

GASB 2107.1

VIA FACSIMILE

RECORDATION FORM COVER SHEET
PATENTS ONLY

Attorney Docket Number
11134-038-999

Mail Stop Assignment Recordation Services
Director of the United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Zice Pu Michael G. Johnson An-Rong Li Julia C. Medina Xiaoqi Chen Xiaohui Du Jeffrey Deignan Jason A. Duquette Darin Gustin Jeffrey T. Mihalic Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No	2. Name and address of receiving party(ies): Name: <u>AMGEN SF, LLC</u> Address: <u>1120 Veterans Boulevard</u> <u>South San Francisco, CA 94080</u> Country (if other than USA): Zip Code: Additional name(s) & address(es) attached? ☐ Yes ☒ No
3. Nature of conveyance: ☒ Assignment Merger Security Agreement Change of Name Other Execution Date: <u>11-17-05, 11-28-05, 11-30-05, 12-1-05</u>	

4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) <u>11/168,005</u> B. Patent No.(s) Additional numbers attached? ☐ Yes ☒ No	
5. Name and address of party to whom correspondence concerning document should be mailed: JONES DAY 222 East 41st Street New York, New York 10017	6. Number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41):.....\$ 40.00 Please charge to the deposit account listed in Section 8. 8. Deposit account number: <u>50-3013 (893053-999038)</u>

DO NOT USE THIS SPACE

9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i>			
Rahul Pathak For Anthony M. Insogna (Reg. 35,203)	42,983		December 28, 2005
Name of Person Signing	Reg. No.	Signature	Date
Total number of pages including cover sheet:			9

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services
Director of the United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
Or fax documents to Fax No. 571-273-6140

CAJD: 521557.1

ASSIGNMENT

Whereas, we, ZICE FU, MICHAEL G. JOHNSON, AN-RONG LI, ANDREW P. MARCUS, JULIO C. MEDINA, PHILIPPE BERGERON, XIAOQI CHEN, XIAOHUI DU, JEFFREY DEIGNAN, JASON A. DUQUETTE, DARIN GUSTIN AND JEFFREY T. MIHALIC, ASSIGNORS,

citizens of the People's Republic of China, the United States, the People's Republic of China, the United States, the United States, Canada, The United States, the United States, the United States, the United States, the United States and the United States, respectively,

residing at 788 Santa Maria Lane, Foster City, California 94404; 408 Clipper Street, San Francisco, California 94114; 4333 Marcia Circle, South San Francisco, California 94080; 2500 Durant Avenue #225, Berkeley, CA 94704; 1407 Cedar Street, San Carlos, CA 94070; 1508 South Claremont, Unit A, San Mateo, CA 94402; 640 Hobart Avenue, San Mateo, CA 94402; 957 Marquette Lane, Foster City, CA 94404; 500 28th Street, San Francisco, CA 94131, 2753 S. Norfolk Street #310, San Mateo, CA 94403, 433 Kahoe Avenue, Half Moon Bay, CA 94019 and 300 3rd Street #823, San Francisco, CA 94107, respectively

have made an invention which is the subject of an application for Letters Patent of the United States ("Application") entitled

COMPOUNDS, COMPOSITIONS AND METHODS FOR PREVENTION AND TREATMENT OF INFLAMMATORY AND IMMUNOREGULATORY DISORDERS AND DISEASES

which is found in:

- ☐ the US Provisional Patent Application executed on _____,
- ☐ US Provisional Application Serial No.: _____ filed on _____,
- ☐ the US Patent Application executed on even date herewith, which claims the benefit of U.S. Provisional Application No. _____ filed _____,
- ☐ the US Patent Application executed on _____, which claims the benefit of U.S. Provisional Application No. _____ filed _____,
- ☒ US Application Serial No.: 11/188,005 filed on June 27, 2006 which claims the benefit of U.S. Provisional Application No. 60/583,901 filed June 28, 2004.
- ☐ US Patent No.: _____.

Whereas AMGEN SF, LLC, (hereinafter "ASF"), a Delaware corporation having its principal place of business at 1120 Veterans Boulevard, South San Francisco, California 94080, wishes to acquire the entire interest in all inventions disclosed in such Application;

Now, therefore, in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we hereby sell, assign, transfer and set over unto ASF, its successors and assigns (collectively "ASF") our entire right, title and interest in, to and under the Application, and any provisional application(s) from which Application is derived, and all priority rights to which the Application may be entitled, including all priority rights for other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries which may be granted for such inventions, or any of them, including divisional, continuation, and/or continuation-in-part applications based on the above identified Application, all such inventions and all rights in such Application and Letters Patent to be held and enjoyed by ASF for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by us had this assignment and sale not been made.

Further, we hereby sell, assign, transfer, and set over unto ASF our entire right, title and interest in or to the right to refer to, to access, and to control microorganism(s) or other biological material(s) related to the Application and which are deposited by us or at our direction or deposited on our behalf by Amgen, its affiliates, employees or employees of its affiliates. The transfer of such right, title and interest includes, without limitation, our unreserved and irrevocable consent and authorization to ASF to refer to the deposited microorganism(s) or other biological material(s) in the Application and the right to make available to the public the deposited material in accordance with the laws, treaties, statutes, rules, regulations and the like of the United States, all other countries, and any patent granting authority or organization.

We authorize and request the Commissioner of Patents and Trademarks of the United States to issue any such Letters Patent which may be granted on the Application to ASF as assignee of the entire right, title and interest therein and thereto.

For ourselves and for our legal representatives, we covenant and agree with ASF that we have not granted to any others any license to make, use or sell any of such inventions, that our right, title and interest in such inventions has not been encumbered, that we have good right and title to sell and assign the same, and that we will not execute any instrument in conflict herewith.

For ourselves and for our heirs, successors and legal representatives, we further covenant and agree with ASF that upon request we and they will: (i) execute continuing, divisional, or reissue applications, amended specifications, or rightful declarations or oaths; (ii) communicate to ASF any facts known to us or them relating to such inventions or the history thereof; (iii) execute preliminary statements and testify in any interference proceedings or litigation; (iv) execute and deliver any application papers, assignments, or other instruments; and (v) do all other acts which, in the opinion of counsel for ASF, may be necessary or desirable to secure the grant of Letters Patent to ASF or its nominee, in the United States and in all other countries where ASF may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by counsel for ASF and to vest and confirm in ASF or its nominee the full and complete legal and equitable title to all such Letters Patent, without further consideration than that now paid but at the expense of ASF.

(1) In Witness Whereof I have executed this assignment on the 30 day of November, 2005.

Zice Fu

(Name of Inventor)

(Signature of Inventor)

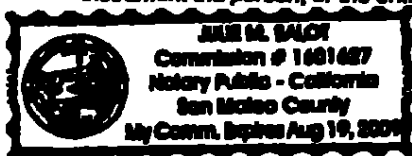
UNITED STATES OF AMERICA

State of California, ss:
County of San Mateo

On Nov 30, 2005, before me, Julie M. Bylet
Notary Public, personally appeared Zice Fu

☐ personally known to me - OR - ☒ proved to me on the basis of satisfactory evidence

to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.



WITNESS my hand and official seal.

Julie M. Bylet
Notary Public
My commission expires: August 19, 2009

(2) In Witness Whereof I have executed this assignment on the 20th day of November, 2005.

Michael G. Johnson

(Name of Inventor)

Michael G. Johnson

(Signature of Inventor)

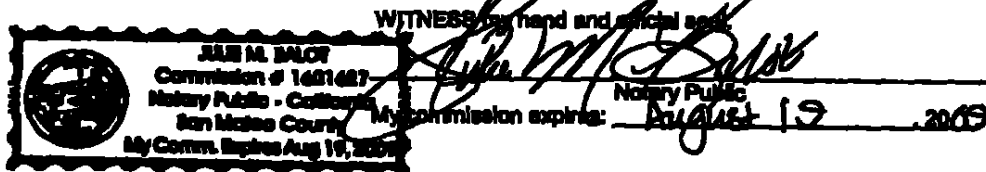
UNITED STATES OF AMERICA

STATE of CALIFORNIA,
County of SAN MATEO, ss:

On Nov 20, 2005, before me, Julia M. Babb
Notary Public, personally appeared Michael G. Johnson

☒ personally known to me - OR - ☐ proved to me on the basis of satisfactory evidence

to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.



(3) In Witness Whereof I have executed this assignment on the first day of December, 2005.

An-Rong Li

(Name of Inventor)

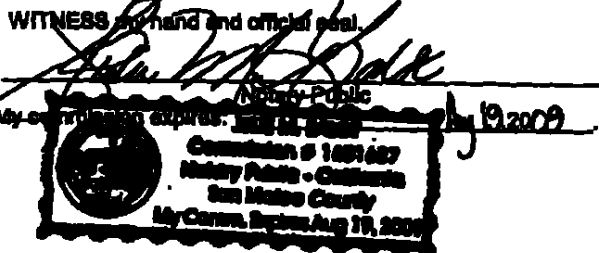
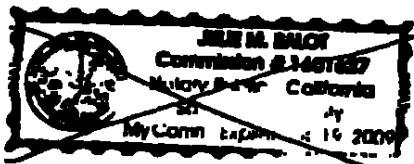
(Signature of Inventor)

STATE OF CALIFORNIA,
County of SAN MATEO, ss:

On Dec. 1, 2005, before me, Julia M. Babb
Notary Public for _____, personally appeared An-Rong Li

☐ personally known to me - OR - ☒ proved to me on the basis of satisfactory evidence

to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.



97
12

(4) In Witness Whereof I have executed this assignment on the _____ day of _____, 2005.

Andrew P. Marcus

(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

County _____ of _____ } ss:

On _____, 20____, before me, _____
Notary Public, personally appeared _____

☐ personally known to me - OR - ☐ proved to me on the basis of satisfactory evidence

to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public

My commission expires: _____, 20____.

(5) In Witness Whereof I have executed this assignment on the 1st day of December, 2005.

Julio C. Medina

(Name of Inventor)

Julio C. Medina
(Signature of Inventor)

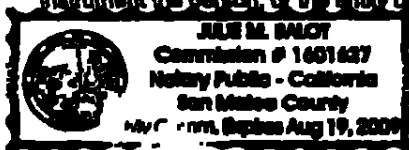
UNITED STATES OF AMERICA

State _____ of California,
County _____ of San Mateo, ss:

On December 1, 2005, before me, Julio M. Balot
Notary Public, personally appeared Julio C. Medina

☐ personally known to me - OR - ☒ proved to me on the basis of satisfactory evidence

to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.



WITNESS my hand and official seal.

Julio M. Balot
Notary Public

My commission expires: August 19, 2009.

(6) In Witness Whereof I have executed this assignment on the _____ day of _____, 2005.

Philippe Bergeron

(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

County _____ of _____ } ss:

On _____, 20____, before me, _____
Notary Public, personally appeared _____

☐ personally known to me - OR - ☐ proved to me on the basis of satisfactory evidence

to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public

My commission expires: _____, 20____.

(7) In Witness Whereof I have executed this assignment on the 17 day of 11, 2005.

Xiaoj Chen

(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

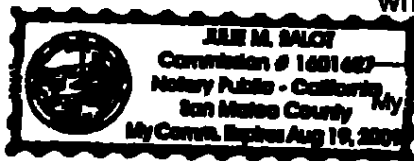
STATE of CALIFORNIA,
County of SAN MATEO, ss:

On Nov. 17, 2005, before me, Julia M. Balot
Notary Public, personally appeared Xiaoj Chen

☐ personally known to me - OR - ☒ proved to me on the basis of satisfactory evidence

to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



(8) In Witness Whereof I have executed this assignment on the 1st day of Dec, 2005.
Xiaohui Du
 (Name of Inventor) [Signature]
 (Signature of Inventor)

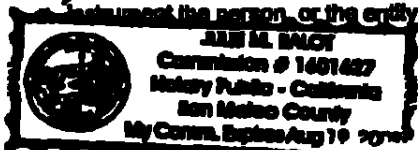
UNITED STATES OF AMERICA

STATE of CALIFORNIA, ss:
 County of SAN MATEO

On December 1, 2005, before me, Julie M. Baker
 Notary Public, personally appeared Xiaohui Du

☐ personally known to me - OR - ☒ proved to me on the basis of satisfactory evidence

to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.



WITNESS my hand and official seal.

[Signature]
 Notary Public
 My commission expires: August 19, 2009

(9) In Witness Whereof I have executed this assignment on the 1 day of December, 2005.
Jeffrey Delgosa
 (Name of Inventor) [Signature]
 (Signature of Inventor)

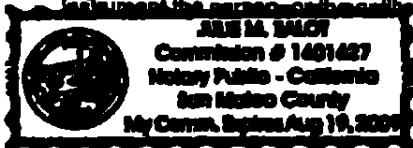
UNITED STATES OF AMERICA

STATE of CALIFORNIA, ss:
 County of SAN MATEO

On December 1, 2005, before me, Julie M. Baker
 Notary Public, personally appeared Jeffrey Delgosa

☐ personally known to me - OR - ☒ proved to me on the basis of satisfactory evidence

to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.



WITNESS my hand and official seal.

[Signature]
 Notary Public
 My commission expires: August 19, 2009

(10) In Witness Whereof I have executed this assignment on the 30 day of November, 2005.
Jason A. Duquette
 (Name of Inventor) [Signature]
 (Signature of Inventor)

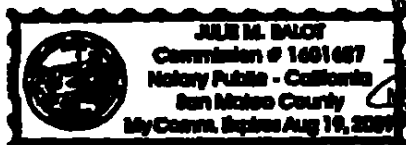
UNITED STATES OF AMERICA

State of CALIFORNIA,
 County of SAN MATEO, ss:

On Nov. 30, 2005, before me, Julie M. Balot
 Notary Public, personally appeared Jason A. Duquette

☐ personally known to me - OR - ☒ proved to me on the basis of satisfactory evidence

to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.



WITNESS my hand and official seal
[Signature]
 Notary Public
 My commission expires: August 19, 2009

(11) In Witness Whereof I have executed this assignment on the 30 day of November, 2005.
Darin Gustin
 (Name of Inventor) [Signature]
 (Signature of Inventor)

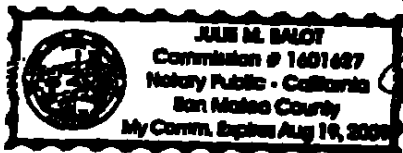
UNITED STATES OF AMERICA

State of California,
 County of San Mateo, ss:

On Nov. 28, 2005, before me, Julie M. Balot
 Notary Public, personally appeared Darin J. Gustin

☐ personally known to me - OR - ☒ proved to me on the basis of satisfactory evidence

to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.



WITNESS my hand and official seal
[Signature]
 Notary Public
 My commission expires: August 19, 2009

16
101

(12) In Witness Whereof I have executed this assignment on the 27th day of Nov, 2005.

Jeffrey T. Mihalic

(Name of Inventor)

Jeffrey T. Mihalic
(Signature of Inventor)

UNITED STATES OF AMERICA

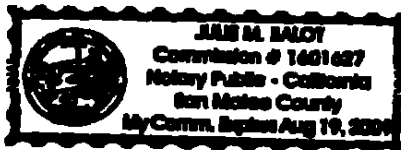
State of California
County of San Mateo, ss:

On November 30, 2005, before me, Julie M. Bost
Notary Public, personally appeared Jeffrey T. Mihalic

☐ personally known to me - OR - ☒ proved to me on the basis of satisfactory evidence

to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal



Julie M. Bost
Notary Public
My commission expires August 19, 2009

COUNTY

546892

Form 1

State of New York
County of New York, } ss:

I, NORMAN GOODMAN, County Clerk and Clerk of the Supreme Court of the State of New York, in and for the County of New York, a Court of Record, having by law a seal,
DO HEREBY CERTIFY pursuant to the Executive Law of the State of New York, that

whose name is subscribed to the annexed affidavit, deposition, certificate of acknowledgment or proof, was at the time of taking the same a NOTARY PUBLIC in and for the State of New York duly commissioned, sworn and qualified to act as such; that pursuant to law, a commission or a certificate of his official character, with his autograph signature has been filed in my office; that at the time of taking such proof, acknowledgment or oath, he was duly authorized to take the same; that I am well acquainted with the handwriting of such NOTARY PUBLIC or have compared the signature on the annexed instrument with his autograph signature deposited in my office, and I believe that such signature is genuine.

IN WITNESS WHEREOF, I have hereunto set my hand affixed my official seal this

FEB 08 2007

FEE PAID \$3.00

Norman Goodman
County Clerk and Clerk of the Supreme Court, New York County

VERIFICATION

STATE OF NEW YORK)
) ss:
COUNTY OF NEW YORK)

I verify that the attached document identified as:

Assignment

is a true copy of the document as executed on November 22, 2005 by **Andrew P. Marcus** to **AMGEN SF, LLC** of United States and corresponding foreign rights in connection with U.S. Serial No. 11/168,005 filed June 27, 2005 (which is the converted provisional Application No. 60/583,901 filed June 28, 2004).

Courtney Manning
Courtney Manning

CO
CLE.

Subscribed and sworn to before me this 19th day of

January, 2006.

Notary Public

JAMAL PARKER
Notary Public, State of New York
No. 01PA6042838
Qualified in Kings County
Certificate Filed in New York County
Commission Expires June 5, 2010

105, 19

VIA FACSIMILE

RECORDATION FORM COVER SHEET PATENTS ONLY			Attorney Docket Number 11134-038-999
Mail Stop Assignment Recordation Services Director of the United States Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450			
Please record the attached original documents or copy thereof.			
1. Name of conveying party(ies): Andrew P. Marcus Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No		2. Name and address of receiving party(ies): Name: <u>AMGEN SE, LLC</u> Address: <u>1120 Veterans Boulevard</u> <u>South San Francisco, CA 94080</u> Country (if other than USA): Zip Code: Additional name(s) & address(es) attached? ☐ Yes ☒ No	
3. Nature of conveyance: ☒ Assignment Merger Security Agreement Change of Name Other Execution Date: <u>11-22-05</u>			
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) <u>11/168,005</u> B. Patent No.(s) Additional numbers attached? ☐ Yes ☒ No			
5. Name and address of party to whom correspondence concerning document should be mailed: JONES DAY 222 East 41st Street New York, New York 10017		6. Number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41).....\$ 40.00 Please charge to the deposit account listed in Section 8. 8. Deposit account number: <u>50-3013 (893053-999038)</u>	
DO NOT USE THIS SPACE			
9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i> Rahul Pathak For Anthony M. Inaogna (Reg. 35,263) 42,983  December 28, 2005 Name of Person Signing Reg. No. Signature Date			
Total number of pages including cover sheet:			9

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services
Director of the United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
Or fax documents to Fax No.: 571-273-0140

CAJD: 321538.1

ASSIGNMENT

Whereas, we, ZICE FU, MICHAEL G. JOHNSON, AN-RONG LI, ANDREW P. MARCUS, JULIO C. MEDINA, PHILIPPE BERGERON, XIAOQI CHEN, XIAOHUI DU, JEFFREY DEIGNAN, JASON A. DUQUETTE, DARIN GUSTIN AND JEFFREY T. MIHALIC, ASSIGNORS,

citizens of the People's Republic of China, the United States, the People's Republic of China, the United States, the United States, Canada, The United States, the United States, the United States, the United States, the United States and the United States, respectively,

residing at 788 Santa Maria Lane, Foster City, California 94404; 409 Clipper Street, San Francisco, California 94114; 1233 Marcla Circle, South San Francisco, California 94080; 2889 Durant Avenue, Berkeley, CA 94704; 1407 Cedar Street, San Carlos, CA 94070; 1806 South Claremont, Unit A, San Mateo, CA 94402; 840 Hobart Avenue, San Mateo, CA 94402; 967 Marquette Lane, Foster City, CA 94404; 500 29th Street, San Francisco, CA 94131, 2753 S. Norfolk Street #310, San Mateo, CA 94403, 433 Kahoe Avenue, Half Moon Bay, CA 94019 and 300 3rd Street #323, San Francisco, CA 94107, respectively

have made an invention which is the subject of an application for Letters Patent of the United States ("Application") entitled

COMPOUNDS, COMPOSITIONS AND METHODS FOR PREVENTION AND TREATMENT OF INFLAMMATORY AND IMMUNOREGULATORY DISORDERS AND DISEASES

which is found in:

- ☐ the US Provisional Patent Application executed on _____
- ☐ US Provisional Application Serial No.: _____ filed on _____
- ☐ the US Patent Application executed on even date herewith, which claims the benefit of U.S. Provisional Application No. _____ filed _____
- ☐ the US Patent Application executed on _____, which claims the benefit of U.S. Provisional Application No. _____ filed _____
- ☒ US Application Serial No.: 11/168,005 filed on June 27, 2005 which claims the benefit of U.S. Provisional Application No. 60/563,901 filed June 28, 2004.
- ☐ US Patent No.: _____

Whereas AMGEN SF, LLC, (hereinafter "ASF"), a Delaware corporation having its principal place of business at 1120 Veterans Boulevard, South San Francisco, California 94080, wishes to acquire the entire interest in all inventions disclosed in such Application;

Now, therefore, in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we hereby sell, assign, transfer and set over unto ASF, its successors and assigns (collectively "ASF") our entire right, title and interest in, to and under the Application, and any provisional application(s) from which Application is derived, and all priority rights to which the Application may be entitled, including all priority rights for other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries which may be granted for such inventions, or any of them, including divisional, continuation, and/or continuation-in-part applications based on the above identified Application, all such inventions and all rights in such Application and Letters Patent to be held and enjoyed by ASF for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by us had this assignment and sale not been made.

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94704
A.M.

1446 Martin Luther King Jr. Way
A.M.

Further, we hereby sell, assign, transfer, and set over unto ASF our entire right, title and interest in or to the right to refer to, to access, and to control microorganism(s) or other biological material(s) related to the Application and which are deposited by us or at our direction or deposited on our behalf by Amgen, its affiliates, employees or employees of its affiliates. The transfer of such right, title and interest includes, without limitation, our unreserved and irrevocable consent and authorization to ASF to refer to the deposited microorganism(s) or other biological material(s) in the Application and the right to make available to the public the deposited material in accordance with the laws, treaties, statutes, rules, regulations and the like of the United States, all other countries, and any patent granting authority or organization.

We authorize and request the Commissioner of Patents and Trademarks of the United States to issue any such Letters Patent which may be granted on the Application to ASF as assignee of the entire right, title and interest therein and thereto.

For ourselves and for our legal representatives, we covenant and agree with ASF that we have not granted to any others any license to make, use or sell any of such inventions, that our right, title and interest in such inventions has not been encumbered, that we have good right and title to sell and assign the same, and that we will not execute any instrument in conflict herewith.

For ourselves and for our heirs, successors and legal representatives, we further covenant and agree with ASF that upon request we and they will: (i) execute continuing, divisional, or reissue applications, amended specifications, or rightful declarations or oaths; (ii) communicate to ASF any facts known to us or them relating to such inventions or the history thereof; (iii) execute preliminary statements and testify in any interference proceedings or litigation; (iv) execute and deliver any application papers, assignments, or other instruments; and (v) do all other acts which, in the opinion of counsel for ASF, may be necessary or desirable to secure the grant of Letters Patent to ASF or its nominee, in the United States and in all other countries where ASF may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by counsel for ASF and to vest and confirm in ASF or its nominee the full and complete legal and equitable title to all such Letters Patent, without further consideration than that now paid but at the expense of ASF.

(1) In Witness Whereof I have executed this assignment on the _____ day of _____, 2006.

Zice Fu

(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

County _____ of _____) ss:

On _____, 20____, before me, _____
Notary Public, personally appeared _____

☐ personally known to me - OR - ☐ proved to me on the basis of satisfactory evidence

to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public

My commission expires: _____, 20____.

(2) In Witness Whereof I have executed this assignment on the _____ day of _____, 2005.

Michael G. Johnson

(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

County _____ of _____) ss:

On _____, 20____, before me, _____,
Notary Public, personally appeared _____,

☐ personally known to me - OR - ☐ proved to me on the basis of satisfactory evidence

to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public

My commission expires: _____, 20____.

(3) In Witness Whereof I have executed this assignment on the _____ day of _____, 2005.

An-Reng Li

(Name of Inventor)

(Signature of Inventor)

) ss:

On _____, 20____, before me _____,
Notary Public for _____, personally appeared _____,

☐ personally known to me - OR - ☐ proved to me on the basis of satisfactory evidence

to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public

My commission expires: _____, 20____.

(4) In Witness Whereof I have executed this assignment on the 22 day of November, 2005.

Andrew P. Marcus

(Name of Inventor)

[Signature]

(Signature of Inventor)

UNITED STATES OF AMERICA

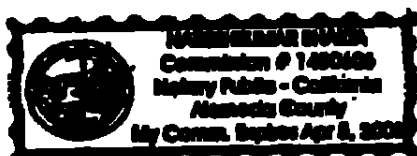
STATE of California
County of Alameda) ss:

On November 22, 2005, before me, MAAESHKUMAR BHANU (Notary Public)
Notary Public, personally appeared ANDREW P. MARCUS

☐ personally known to me - OR - ☒ proved to me on the basis of satisfactory evidence

to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



[Signature] 11/22/2005
Notary Public
My commission expires: April 8, 2008

(5) In Witness Whereof I have executed this assignment on the _____ day of _____, 2005.

Julio C. Medina

(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

County of _____) ss:

On _____, 20____, before me, _____
Notary Public, personally appeared _____

☐ personally known to me - OR - ☐ proved to me on the basis of satisfactory evidence

to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public
My commission expires: _____, 20____

(6) In Witness Whereof I have executed this assignment on the _____ day of _____, 2005.

Philippe Bergeron

(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

County _____ of _____) ss:

On _____, 20____, before me, _____
Notary Public, personally appeared _____

☐ personally known to me - OR - ☐ proved to me on the basis of satisfactory evidence

to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public

My commission expires: _____, 20____.

(7) In Witness Whereof I have executed this assignment on the _____ day of _____, 2005.

Xiaoqi Chen

(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

County _____ of _____) ss:

On _____, 20____, before me, _____
Notary Public, personally appeared _____

☐ personally known to me - OR - ☐ proved to me on the basis of satisfactory evidence

to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public

My commission expires: _____, 20____.

(8) In Witness Whereof I have executed this assignment on the _____ day of _____, 2005.

Xiaohui Du
(Name of Inventor) (Signature of Inventor)

UNITED STATES OF AMERICA

County _____ of _____) ss:

On _____, 20____, before me, _____
Notary Public, personally appeared _____

☐ personally known to me - OR - ☐ proved to me on the basis of satisfactory evidence

to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public
My commission expires: _____, 20____.

(9) In Witness Whereof I have executed this assignment on the _____ day of _____, 2005.

Jeffrey Delgnan
(Name of Inventor) (Signature of Inventor)

UNITED STATES OF AMERICA

County _____ of _____) ss:

On _____, 20____, before me, _____
Notary Public, personally appeared _____

☐ personally known to me - OR - ☐ proved to me on the basis of satisfactory evidence

to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public
My commission expires: _____, 20____.

112
26

(10) In Witness Whereof I have executed this assignment on the _____ day of _____, 2005.

Jason A. Duquette

(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

County _____ of _____ } ss:

On _____, 20____, before me, _____
Notary Public, personally appeared _____

☐ personally known to me - OR - ☐ proved to me on the basis of satisfactory evidence

to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public

My commission expires: _____, 20____.

(11) In Witness Whereof I have executed this assignment on the _____ day of _____, 2005.

Derin Gustin

(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

County _____ of _____ } ss:

On _____, 20____, before me, _____
Notary Public, personally appeared _____

☐ personally known to me - OR - ☐ proved to me on the basis of satisfactory evidence

to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public

My commission expires: _____, 20____.

112

Docket No.: 11134-038-699

(12) In Witness Whereof I have executed this assignment on the _____ day of _____, 2005.

Jeffrey T. Mihello

(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

County _____ of _____) ss:

On _____, 20____, before me, _____
Notary Public, personally appeared _____

☐ personally known to me - OR - ☐ proved to me on the basis of satisfactory evidence

to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public

My commission expires: _____, 20____.

Apostille

(Convention de La Haye du 5 Octobre 1961)

114
27

1. Country: **United States of America**

This public document

2. has been signed by **Norman Goodman**

3. acting in the capacity of **County Clerk**

4. bears the seal/stamp of the county of **New York**

Certified

5. At New York, New York 6. the 15th day of February 2007

7. by Special Deputy Secretary of State, State of New York

8. No. NYC-10242172B

9. Seal/Stamp

10. Signature



James Bizzarri

Special Deputy Secretary of State

State of New York
County of New York,

NEW YORK
COUNTY

546890

Form 1

I, NORMAN GOODMAN, County Clerk and Clerk of the Supreme Court of the State of New York, in and for the County of New York, a Court of Record, having by law a seal,
DO HEREBY CERTIFY pursuant to the Executive Law of the State of New York, that

whose name is subscribed to the annexed affidavit, deposition, certificate of acknowledgment or proof, was at the time of taking the same a NOTARY PUBLIC in and for the State of New York duly commissioned, sworn and qualified to act as such; that pursuant to law, a commission or a certificate of his official character, with his autograph signature has been filed in my office; that at the time of taking such proof, acknowledgment or oath, he was duly authorized to take the same; that I am well acquainted with the handwriting of such NOTARY PUBLIC or have compared the signature on the annexed instrument with his autograph signature deposited in my office, and I believe that such signature is genuine.

IN WITNESS WHEREOF, I have hereunto set my hand affixed my official seal this

FEB 08 2007

FEE PAID \$3.00

County Clerk and Clerk of the Supreme Court, New York County

VERIFICATION

STATE OF NEW YORK)
) ss:
COUNTY OF NEW YORK)

I verify that the attached document identified as:

Assignment

is a true copy of the document as executed on November 23, 2005 by **Philippe Bergeron** to **ANGEN SF, LLC** of United States and corresponding foreign rights in connection with U.S. Serial No. 11/168,005 filed June 27, 2005 (which is the converted provisional Application No. 60/583,901 filed June 28, 2004).

Courtney Manning
Courtney Manning

Subscribed and sworn to before me this 19th day of

January, 2006.

Notary Public

JAMAL PARKER
Notary Public, State of New York
No. 01PA8042838
Qualified in Kings County
Certificate Filed in New York County
Commission Expires June 5, 2010



117
Amgen, INC
11134-038-999
Am# 893053-999038

UNITED STATES PATENT AND TRADEMARK OFFICE

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

FEBRUARY 09, 2006

PTAB

700233407A

JONES DAY
222 EAST 41ST STREET
NEW YORK, NEW YORK 10017

700233407A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 12/28/2005

REEL/FRAME: 017143/0928
NUMBER OF PAGES: 9

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

BERGERON, PHILIPPE

DOC DATE: 11/23/2005

ASSIGNEE:

AMGEN SF, LLC
1120 VETERANS BOULEVARD
SOUTH SAN FRANCISCO, CALIFORNIA

94080

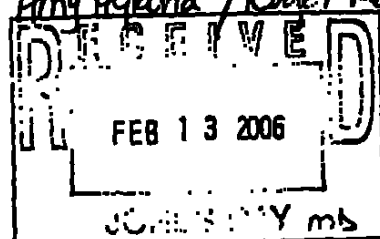
SERIAL NUMBER: 11168005

FILING DATE: 06/27/2005

PATENT NUMBER:

ISSUE DATE:

TITLE: COMPOUNDS, COMPOSITIONS AND METHODS FOR PREVENTION AND TREATMENT OF INFLAMMATORY AND IMMUNOREGULATORY DISORDERS AND DISEASES



RightFax

2/08 4:02

PAGE 003/004

Fax Server

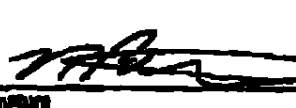
118
31

017143/0928 PAGE 2

ALLYSON PURNELL, EXAMINER
ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION

12/20/2005
700233407

VIA FACSIMILE

RECORDATION FORM COVER SHEET PATENTS ONLY		Attorney Docket Number 11134-038-099
Mail Stop Assignment Recordation Services Director of the United States Patent and Trademark Office P.O. Box 1459 Alexandria, VA 22313-1459		
Please record the attached original documents or copy thereof.		
1. Name of conveying party(ies): Philippe Berggren Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No	2. Name and address of receiving party(ies): Name: AMGEN SE, LLC Address: 1120 Veterans Boulevard South San Francisco, CA 94080 Country (if other than USA): Zip Code: Additional name(s) & address(es) attached? ☐ Yes ☒ No	
3. Nature of conveyance ☒ Assignment Merger Security Agreement Change of Name Other Execution Date: 11-22-05		
4. Application number(s) or patent number(s) If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) 11/168,024 B. Patent No.(s) Additional numbers attached? ☐ Yes ☒ No		
5. Name and address of party to whom correspondence concerning document should be mailed: JONES DAY 225 East 41st Street New York, New York 10017	6. Number of applications and patents involved: 1 7. Total fee (37 CFR 3.41): \$ 40.00 Please charge to the deposit account listed in Section 8. 8. Deposit account number: 50-3013 (893053-999038)	
DO NOT USE THIS SPACE		
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Noted Patent: For Anthony M. Inaguma (Reg. 35,703) 42,983  December 12, 2005 Name of Person Signing Reg. No. Signature Date		
Total number of pages including cover sheet:		9

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services
Director of the United States Patent and Trademark Office
P.O. Box 1459
Alexandria, VA 22313-1459
Or fax documents to Fax No. 571-527-6148

CA70 21159.1

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VIA FACSIMILE

RECORDATION FORM COVER SHEET PATENTS ONLY		Attorney Docket Number 11134-038-999
Mail Stop Assignment Recordation Services Director of the United States Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450		
Please record the attached original documents or copy thereof.		
1. Name of conveying party(ies): Philippe Bergeron Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No	2. Name and address of receiving party(ies): Name: <u>AMGEN SE, LLC</u> Address: <u>1120 Veterans Boulevard</u> <u>South San Francisco, CA 94080</u> Country (if other than USA): Zip Code: Additional name(s) & address(es) attached? ☐ Yes ☒ No	
3. Nature of conveyance: ☒ Assignment Merger Security Agreement Change of Name Other Execution Date: <u>11-23-05</u>		
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) <u>11/168,005</u> B. Patent No.(s) Additional numbers attached? ☐ Yes ☒ No		
5. Name and address of party to whom correspondence concerning document should be mailed: JONES DAY 222 East 41st Street New York, New York 10017	6. Number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41):\$ 40.00 Please charge to the deposit account listed in Section 8. 8. Deposit account number: <u>50-3013 (893053-999038)</u>	
DO NOT USE THIS SPACE		
9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i> Rahul Pathak 42,983  December 12, 2005 For Anthony M. Inaogaa (Reg. 35,203) Reg. No. Signature Date Name of Person Signing Reg. No. Signature Date		
Total number of pages including cover sheet:		9

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services
Director of the United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
Or fax documents to Fax No.: 571-273-0140

CAID: 521554 1

ASSIGNMENT

Whereas, we, ZICE FU, MICHAEL G. JOHNSON, AN-RONG LI, ANDREW P. MARCUS, JULIO C. MEDINA, PHILIPPE BERGERON, XIAOQI CHEN, XIAOHUI DU, JEFFREY DEIGNAN, JASON A. DUQUETTE, DARIN GUSTIN AND JEFFREY T. MIHALIC, ASSIGNORS,

citizens of the People's Republic of China, the United States, the People's Republic of China, the United States, the United States, Canada, The United States, the United States, the United States, the United States, the United States and the United States, respectively,

residing at 788 Santa Maria Lane, Foster City, California 94404; 408 Clipper Street, San Francisco, California 94114; 1233 Maricle Circle, South San Francisco, California 94080; 2500 Durant Avenue #225, Berkeley, CA 94704; 1407 Cedar Street, San Carlos, CA 94070; 1508 South Claremont, Unit A, San Mateo, CA 94402; 840 Hobart Avenue, San Mateo, CA 94402; 987 Marquette Lane, Foster City, CA 94404; 500 29th Street, San Francisco, CA 94131, 2753 S. Norfolk Street #310, San Mateo, CA 94403, 433 Kahoa Avenue, Half Moon Bay, CA 94019 and 300 3rd Street #623, San Francisco, CA 94107, respectively

have made an invention which is the subject of an application for Letters Patent of the United States ("Application") entitled

COMPOUNDS, COMPOSITIONS AND METHODS FOR PREVENTION AND TREATMENT OF INFLAMMATORY AND IMMUNOREGULATORY DISORDERS AND DISEASES

which is found in:

- ☐ the US Provisional Patent Application executed on _____,
- ☐ US Provisional Application Serial No.: _____ filed on _____,
- ☐ the US Patent Application executed on even date herewith, which claims the benefit of U.S. Provisional Application No. _____ filed _____,
- ☐ the US Patent Application executed on _____, which claims the benefit of U.S. Provisional Application No. _____ filed _____,
- ☒ US Application Serial No.: 11/168,008 filed on June 27, 2006 which claims the benefit of U.S. Provisional Application No. 60/563,801 filed June 28, 2004.
- ☐ US Patent No.: _____.

Whereas AMGEN SF, LLC, (hereinafter "ASF"), a Delaware corporation having its principal place of business at 1120 Veterans Boulevard, South San Francisco, California 94080, wishes to acquire the entire interest in all inventions disclosed in such Application;

Now, therefore, in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we hereby sell, assign, transfer and set over unto ASF, its successors and assigns (collectively "ASF") our entire right, title and interest in, to and under the Application, and any provisional application(s) from which Application is derived, and all priority rights to which the Application may be entitled, including all priority rights for other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries which may be granted for such inventions, or any of them, including divisional, continuation, and/or continuation-in-part applications based on the above identified Application, all such inventions and all rights in such Application and Letters Patent to be held and enjoyed by ASF for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by us had this assignment and sale not been made.

Further, we hereby sell, assign, transfer, and set over unto ASF our entire right, title and interest in or to the right to refer to, to access, and to control microorganism(s) or other biological material(s) related to the Application and which are deposited by us or at our direction or deposited on our behalf by Amgen, its affiliates, employees or employees of its affiliates. The transfer of such right, title and interest includes, without limitation, our unreserved and irrevocable consent and authorization to ASF to refer to the deposited microorganism(s) or other biological material(s) in the Application and the right to make available to the public the deposited material in accordance with the laws, treaties, statutes, rules, regulations and the like of the United States, all other countries, and any patent granting authority or organization.

We authorize and request the Commissioner of Patents and Trademarks of the United States to issue any such Letters Patent which may be granted on the Application to ASF as assignee of the entire right, title and interest therein and thereto.

For ourselves and for our legal representatives, we covenant and agree with ASF that we have not granted to any others any license to make, use or sell any of such inventions, that our right, title and interest in such inventions has not been encumbered, that we have good right and title to sell and assign the same, and that we will not execute any instrument in conflict herewith.

For ourselves and for our heirs, successors and legal representatives, we further covenant and agree with ASF that upon request we and they will: (i) execute continuing, divisional, or reissue applications, amended specifications, or rightful declarations or oaths; (ii) communicate to ASF any facts known to us or them relating to such inventions or the history thereof; (iii) execute preliminary statements and testify in any interference proceedings or litigation; (iv) execute and deliver any application papers, assignments, or other instruments; and (v) do all other acts which, in the opinion of counsel for ASF, may be necessary or desirable to secure the grant of Letters Patent to ASF or its nominee, in the United States and in all other countries where ASF may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by counsel for ASF and to vest and confirm in ASF or its nominee the full and complete legal and equitable title to all such Letters Patent, without further consideration than that now paid but at the expense of ASF.

(1) In Witness Whereof I have executed this assignment on the _____ day of _____, 2005.

Zica Fu

(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

County _____ of _____) ss:

On _____, 20____, before me, _____
Notary Public, personally appeared _____

☐ personally known to me - OR - ☐ proved to me on the basis of satisfactory evidence

to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public

My commission expires: _____, 20____.

12/16

(2) In Witness Whereof I have executed this assignment on the _____ day of _____, 2005.

Michael G. Johnson

(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

County _____ of _____) ss:

On _____, 20____, before me, _____
Notary Public, personally appeared _____

☐ personally known to me - OR - ☐ proved to me on the basis of satisfactory evidence

to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public

My commission expires: _____, 20____.

(3) In Witness Whereof I have executed this assignment on the _____ day of _____, 2005.

An-Rong Li

(Name of Inventor)

(Signature of Inventor)

) ss:

On _____, 20____, before me _____
Notary Public for _____, personally appeared _____

☐ personally known to me - OR - ☐ proved to me on the basis of satisfactory evidence

to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public

My commission expires: _____, 20____.

124

(4) In Witness Whereof I have executed this assignment on the _____ day of _____, 2006.
Andrew P. Marcus
(Name of Inventor) (Signature of Inventor)

UNITED STATES OF AMERICA

County _____ of _____) ss:

On _____, 20____, before me, _____
Notary Public, personally appeared _____

☐ personally known to me - OR - ☐ proved to me on the basis of satisfactory evidence

to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public
My commission expires: _____, 20____.

(5) In Witness Whereof I have executed this assignment on the _____ day of _____, 2005.
Julio C. Medina
(Name of Inventor) (Signature of Inventor)

UNITED STATES OF AMERICA

County _____ of _____) ss:

On _____, 20____, before me, _____
Notary Public, personally appeared _____

☐ personally known to me - OR - ☐ proved to me on the basis of satisfactory evidence

to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public
My commission expires: _____, 20____.

(6) In Witness Whereof I have executed this assignment on the 23rd day of November, 2005.

Philippe Bergeron

(Name of Inventor)

[Signature]
(Signature of Inventor)

UNITED STATES OF AMERICA

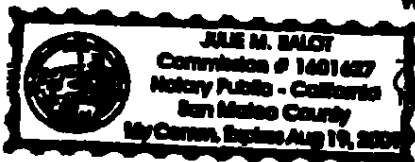
State of California, ss:
County of San Mateo

On November 23, 2005, before me, Julie M. Babb
Notary Public, personally appeared Philippe Bergeron

☐ personally known to me - OR - ☒ proved to me on the basis of satisfactory evidence

to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



[Signature]
Notary Public
My commission expires: August 19, 2009.

(7) In Witness Whereof I have executed this assignment on the _____ day of _____, 2005.

Xiaoqi Chen

(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

County _____ of _____) ss:

On _____, 20____, before me, _____
Notary Public, personally appeared _____

☐ personally known to me - OR - ☐ proved to me on the basis of satisfactory evidence

to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public
My commission expires: _____, 20____.

128
3/9

(8) In Witness Whereof I have executed this assignment on the _____ day of _____, 2005.

Xiaohui Du

(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

County _____ of _____) ss:

On _____, 20____, before me, _____
Notary Public, personally appeared _____

☐ personally known to me - OR - ☐ proved to me on the basis of satisfactory evidence

to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public

My commission expires: _____, 20____.

(9) In Witness Whereof I have executed this assignment on the _____ day of _____, 2005.

Jeffrey Delgann

(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

County _____ of _____) ss:

On _____, 20____, before me, _____
Notary Public, personally appeared _____

☐ personally known to me - OR - ☐ proved to me on the basis of satisfactory evidence

to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public

My commission expires: _____, 20____.

127
40

(10) In Witness Whereof I have executed this assignment on the _____ day of _____, 2006.

Jason A. Duquette

(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

County _____ of _____ } ss:

On _____, 20____, before me, _____
Notary Public, personally appeared _____

☐ personally known to me - OR - ☐ proved to me on the basis of satisfactory evidence

to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public

My commission expires: _____, 20____.

(11) In Witness Whereof I have executed this assignment on the _____ day of _____, 2006.

Darin Gustin

(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

County _____ of _____ } ss:

On _____, 20____, before me, _____
Notary Public, personally appeared _____

☐ personally known to me - OR - ☐ proved to me on the basis of satisfactory evidence

to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public

My commission expires: _____, 20____.

128
HT

Docket No.: 11134-038-898

(12) In Witness Whereof I have executed this assignment on the _____ day of _____, 2005.

Jeffrey T. Mihailo

(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

County _____ of _____ } as:

On _____, 20____, before me, _____
Notary Public, personally appeared _____

☐ personally known to me - OR - ☐ proved to me on the basis of satisfactory evidence

to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public

My commission expires: _____, 20____.

Cantillo Grau & Associates

LAW OFFICES
P.O. BOX 281473
BOGOTA, COLOMBIA

**FOR PATENTS AND TRADE MARKS IN
COLOMBIA**

PODER GENERAL**GENERAL POWER OF ATTORNEY**

1 Applicant's name

(1)
.....
domiciliado en (2)

2 Applicant's Address

nombró al Dr. (3) Germán Castillo Grau y a
Adriana Castillo Gilsone y a Luis Felipe Castillo
Gilsone

3 Leave blank

..... Con oficinas en la
Carrera 13 N° 37-43 Piso 12 en Bogotá, Colombia
como sus representantes con poder especial
amplo y suficiente, para recabar de las ofici-
nas y autoridades Colombianas, administrati-
vas, judiciales o de policía, en primera o se-
gunda instancia, la obtención de Patentes de
Inventón, Registro de Marcas, de Modelos y
de Dibujos Industriales, de Nombres Comer-
ciales y Enseñas, lo mismo que traslados, ex-
tensiones, renovaciones, cambios de nombre,
registro de licencias de explotación y registro
de licencias de uso referentes a tales actuaciones,
a cuyo efecto les faculta para dar ante
dichas autoridades todas las pases necesar-
ias al objeto indicado, otorgar solicitudes, for-
mular descripciones, ampliaciones, protestas,
declaraciones, apelaciones y reclamos, solici-
tar la aplicación de medidas cautelares, acep-
tar en nuestro nombre y representación la Ces-
sión de derechos de inventón y de patente
de inventón que se nos haga por cualquier
persona, abonar todos los impuestos, costas
y pagos determinados por la ley, recibir todos
los documentos y valores dando el descargo
respectivo, llenar cualesquiera otros requisi-
tos, desistat y tomar en fin todas las medidas
que creyeren conducentes al resguardo de
nuestros intereses y en caso de presentarse
oposiciones para que intervengan como de-
mandantes o como demandados, con todas
las demás facultades legales necesarias. Este
poder comprende además las facultades de
recibir, desistat, transigir, comprometer, susti-
tuir, revocar sustituciones, recibir notificaciones
y nombrar apoderados judiciales o extra-
judiciales.

4 Date

5 Applicant's signature

The applicant's signature
must be attested by a No-
tary Public through the
NOTARIAL CERTIFICATE:
in the "Individual",
when the signer is a natu-
ral person; and in the
"Corporations", when is
a legal one. The Notary's
signature must then be le-
galized by a Colombian
Consular Officer.

La firma del solicitante
debe ser atestada por un
Notario Público por me-
dio de la DECLARACION
NOTARIAL: en la "Indivi-
dual", cuando el li-
mitante sea persona natu-
ral; y en la de "Socie-
dades", cuando es una
persona jurídica. La firma
del Notario deberá ser le-
galizada por el Consulado
Colombiano.

Dado y firmado en (4)

(1) AMGEN SF, LLC

(1) ~~1120 Veterans Boulevard~~
~~South San Francisco, CA 94080~~
domiciled in (2)
1120 Veterans Boulevard
South San Francisco, CA 94080

hereby appoint Dr. (3) Germán Castillo Grau
and/or Adriana Castillo Gilsone and/or Luis Felipe
Castillo Gilsone

..... With
offices at Carrera 13 N° 37-43 Piso 12 in Bogotá
Colombia as our representatives with special,
ample and sufficient power to obtain from the
offices and Colombian authorities, adminis-
trative, judicial and police, in first or in second
instance, Privileged Patents of Invention, Re-
gistration of Trade Marks, of Models and In-
dustrial Drawings, of Commercial Names and
ensigns, as well as assignments, extensions,
renewals, changes of name, registration of
licences of exploitation and of licences of use
referring to said actions, who are empowered
to take before said authorities all of the neces-
sary steps for the purposes indicated, to file
applications, to formulate descriptions, co-
rrections, protests, declarations, appeals and
claims, apply for precautionary measures, to
accept on our behalf and representation the
assignment of rights of invention and titles of
invention that may be done to us by any per-
son, to pay all taxes, quotas and payments
prescribed by law, to receive all the docu-
ments and proceeds giving the respective Bo-
gotá, D.C. - Colombia.
Bogotá, D.C. - Colombia.
Bogotá D.C. - Colombia.
28 FEB 2007
GUSTAVO SAMPER RODRIGUEZ
NOTARIO VENTISER

Given and signed in (4)
Thousand Oaks, Ventura County, CA, U.S.

For FUSED PYRIMIDINE DERIVATIVES AND COMPOSITIONS THEREOF AS CXCR3
RECEPTOR MODULATORS, USEFUL IN PREVENTION AND TREATMENT OF INFLAMMATORY
AND IMMUNOREGULATORY DISORDERS AND DISEASES

(5)
Corporation Seal to be affixed
Stuart L. Watt
Vice President, Law & Intellectual Property

La declaración Notarial a la vuelta, A-1024 CO
Notarial acknowledgement on other side.

Coop Cert + Notarizations Required

130
#3

State of California

SECRETARY OF STATE

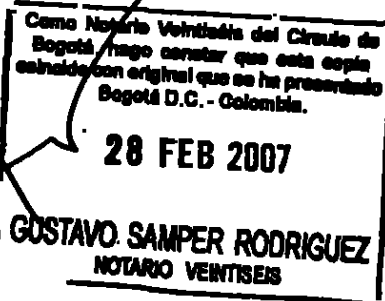
APOSTILLE

(Convention de La Haye du 5 octobre 1961)

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

CERTIFIED

5. At Sacramento, California
6. the 6th day of February 2007
7. by Deputy Secretary of State, State of California
8. No. 352044
9. Seal/Stamp:



10. Signature



Jana Bowen
Secretary of State



BY

Karen L. Crites

131
44

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Ventura } ss.

On 17 January 2007

before me,

L. Hoar

Name and Title of Officer (e.g., "Jane Doe-Notary Public")

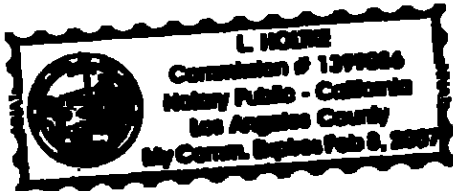
personally appeared

STUART L. WATT

Name(s) of Signer(s)

☒ personally known to me

☐ proved to me on the basis of satisfactory evidence



to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[Signature]
Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: POWER OF ATTORNEY

Castillo Gran et al

Document Date: _____

Number of Pages: 1

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer

Signer's Name: STUART L. WATT

☐ Individual

☒ Corporate Officer — Title(s): Vice President, Law + IP

☐ Partner — ☐ Limited ☐ General

☐ Attorney-In-Fact

☐ Trustee

☐ Guardian or Conservator

☐ Other: _____

Signer is Representing: Amgen SP LLC

Certifico Notario Veintiseis del Circuito de Bogotá, hago constar que esta copia coincide con original que me ha presentado Bogotá D.C. - Colombia.

28 FEB 2007

GUSTAVO SAMPER RODRIGUEZ
NOTARIO VEINTISEIS

A 1024 CD

Apostille

(Convention de La Haye du 5 Octobre 1961)

102
TF

1. Country: **United States of America**

This public document

2. has been signed by **Norman Goodman**

3. acting in the capacity of **County Clerk**

4. bears the seal/stamp of the county of **New York**

Certified

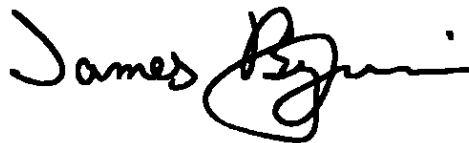
5. At New York, New York 6. the 15th day of February 2007

7. by Special Deputy Secretary of State, State of New York

8. No. NYC-10242171B

9. Seal/Stamp

10. Signature



James Bizzarri

Special Deputy Secretary of State