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Señora Jefe de la
DIVISION DE NUEVAS CREACIONES
Superintendencia de Industria y Comercio
E. S. D.

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO



No. 08-034643- -00003-0000

Fecha: 2008-08-12 15:59:21 Dep. 2020 NUECREACIONI
Tra. 11 PATENTEIYII Eve: 378 FASENACIONALI
Act. 444 RESPUESTAREQUE Folios: 57

Trámite : 011 Evento : 378 Actuación : 444

Referencia : Expediente No. 08034643
Asunto : Solicitud de patente para: ANTICUERPOS
MONOCLONALES HUMANOS PARA CINASA-1 SIMILAR A
RECEPTOR DE ACTIVINA
Solicitante : PFIZER INC AND AMGEN FREMONT INC

CONTESTACION OFICIO No. 7778

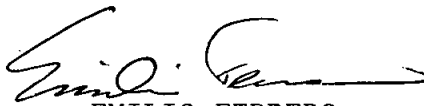
1. Yo, Emilio FERRERO, en mi condición de apoderado de las sociedades solicitantes, PFIZER INC y AMGEN FREMONT INC, doy contestación al requerimiento efectuado por este Despacho mediante Oficio No. 7778 notificado por fijación en lista el 13 de junio de 2008, para lo cual presento los siguientes documentos:

1.1. Dos (2) documentos en que consta la cesión del derecho a la patente efectuado por los doce (12) inventores en favor de las sociedades PFIZER INC y AMGEN FREMONT INC.

Se presentan estos documentos en copia certificada de los originales, que fueron debidamente suscritos, notariados y legalizados por Apostille, junto con su correspondiente traducción oficial al español.

2. De acuerdo con lo anterior, comedidamente solicito a Usted proseguir con el trámite de este asunto y ordenar la publicación de la solicitud de la patente identificada en la referencia.

Señora Jefe,


EMILIO FERRERO
T.P.A. No. 31.929

66/ COLO-15413-841-003-5
SCT\SCT\ID-132405\WPC15413
No. M-2008-132405\SCT

1613
520

APOSTILLE

(Convention de La Haye du 5 octobre 1961)

1. Country: United States of America

This public document

2. has been signed by T. Wallace

3. acting in the capacity of Certifying Officer

4. bears the seal/stamp of U.S. Patent and Trademark Office

Certified

5. at Washington, D.C.

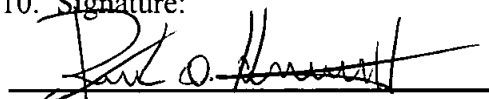
6. the fourth of April, 2008

7. by Assistant Authentication Officer, United States Department of State

8. No. 08018415-2

9. Seal/Stamp:

10. Signature:



Patrick O. Hatchett

A 1688439

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

March 07, 2008

THIS IS TO CERTIFY THAT ANNEXED IS A TRUE COPY FROM THE
RECORDS OF THIS OFFICE OF A DOCUMENT RECORDED ON
October 21, 2006.

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



T. Wallace
T. WALLACE
Certifying Officer

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PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Shelley Sims Belouski</td><td>10/16/2006</td></tr><tr><td>Sirid-Aimee Kellermann</td><td>10/13/2006</td></tr></tbody></table>		Name	Execution Date	Shelley Sims Belouski	10/16/2006	Sirid-Aimee Kellermann	10/13/2006				
Name	Execution Date										
Shelley Sims Belouski	10/16/2006										
Sirid-Aimee Kellermann	10/13/2006										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Amgen Fremont Inc.</td></tr><tr><td>Street Address:</td><td>6701 Kaiser Drive,</td></tr><tr><td>City:</td><td>Fremont</td></tr><tr><td>State/Country:</td><td>CALIFORNIA</td></tr><tr><td>Postal Code:</td><td>94555</td></tr></table>		Name:	Amgen Fremont Inc.	Street Address:	6701 Kaiser Drive,	City:	Fremont	State/Country:	CALIFORNIA	Postal Code:	94555
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State/Country:	CALIFORNIA										
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PROPERTY NUMBERS Total: 2											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>PCT Number:</td><td>US0635096</td></tr><tr><td>Application Number:</td><td>60715292</td></tr></tbody></table>		Property Type	Number	PCT Number:	US0635096	Application Number:	60715292				
Property Type	Number										
PCT Number:	US0635096										
Application Number:	60715292										
CORRESPONDENCE DATA											
Fax Number: (646)728-2915 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 212.596.9000											
Email: andrew.shiue@ropesgray.com											
Correspondent Name: Andrew Shiue											
Address Line 1: Fish & Neave IP Group, Ropes & Gray LLP.											
Address Line 2: 1251 Avenue of the Americas											
Address Line 4: New York, NEW YORK 10020											
ATTORNEY DOCKET NUMBER:	000659-0065 ABX-PF9										
NAME OF SUBMITTER:	Jane T. Gunnison										
Total Attachments: 11 source=assignment#page1.tif											

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PATENT
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source=assignment#page10.tif
source=assignment#page11.tif

PCT
ASSIGNMENT

I/We,

(1) Shelley Sims Belouski,

(2) Sirid-Aimée Kellermann,

residing at

(1) 4541 La Tuna Court

Camarillo, California 93012

United States of America,

(2) 1000 Almanor Avenue

Menlo Park, California 94025

United States of America,

for good and valuable consideration, receipt of which is hereby acknowledged, have assigned, sold and transferred to and do hereby assign, sell and transfer to Amgen Fremont Inc., a corporation organized and existing under the laws of the State of Delaware and having an office and a place of business at 6701 Kaiser Drive, Fremont, California 94555, United States of America, its successors and assigns: (1) the entire right, title and interest in all countries throughout the world in and to any and all my/our inventions and discoveries disclosed in my/our International Patent Application, to be filed under the Patent Cooperation Treaty in the United States Receiving Office (RO/US) on September 6, 2006 assigned serial number PCT/US2006/35096 *, entitled: "Human Monoclonal Antibodies to Activin Receptor-Like Kinase-1", and designating all PCT member countries, including Albania (AL), Algeria (DZ), Antigua & Barbuda (AG), Armenia (AM), Australia (AU), Austria (AT), Azerbaijan (AZ), Barbados (BB), Belarus (BY), Belgium (BE), Belize (BZ), Benin (BJ), Bosnia and Herzegovina (BA), Botswana (BW), Brazil (BR), Bulgaria (BG), Burkina Faso (BF), Cameroon (CM), Canada (CA), Central African Republic (CF), Chad (TD), China (CN), Colombia (CO), Congo (CG), Costa Rica (CR), Côte d'Ivoire (CI), Croatia (HR), Cuba (CU), Cyprus (CY), Czech Republic (CZ), Democratic People's

* We hereby authorize Amgen Fremont Inc. and its representatives to insert in this instrument the International Patent Application number of said application when Amgen Fremont Inc. is officially notified thereof.

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Republic of Korea (KP), Denmark (DK), Dominica (DM), Ecuador (EC), Egypt (EG), El Salvador (SV), Equatorial Guinea (GQ), Estonia (EE), Finland (FI), France (FR), Gabon (GA), Gambia (GM), Georgia (GE), Germany (DE), Ghana (GH), Greece (GR), Grenada (GD), Guinea (GN), Guinea Bissau (GW), Honduras (HN), Hungary (HU), Iceland (IS), India (IN), Indonesia (ID), Ireland (IE), Israel (IL), Italy (IT), Japan (JP), The Comoros (KM), Kazakstan (KZ), Kenya (KE), Kyrgyzstan (KG), Lao People's Democratic Republic (LA), Latvia (LV), Lesotho (LS), Liberia (LR), Libyan Arab Jamahriya (LY), Liechtenstein (LI), Lithuania (LT), Luxembourg (LU), Madagascar (MG), former Yugoslav Republic of Macedonia (MK), Malawi (MW), Malaysia (MY), Mali (ML), Mauritania (MR), Mexico (MX), Monaco (MC), Mongolia (MN), Morocco (MA), Mozambique (MZ), Namibia (NA), Netherlands (NL), New Zealand (NZ), Nicaragua (NI), Niger (NE), Nigeria (NG), Norway (NO), Oman (OM), Papua New Guinea (PG), the Philippines (PH), Poland (PL), Portugal (PT), Republic of Korea (KR), Republic of Moldova (MD), Romania (RO), Russian Federation (RU), Saint Lucia (LC), Saint Kitts and Nevis (KN), Saint Vincent and the Grenadines (VC), San Marino (SM), Senegal (SN), Seychelles (SC), Sierra Leone (SL), Singapore (SG), Slovakia (SK), Slovenia (SI), South Africa (ZA), Spain (ES), Sri Lanka (LK), Sudan (SD), Swaziland (SZ), Sweden (SE), Switzerland (CH), Syrian Arab Republic (SY), Tajikistan (TJ), United Republic of Tanzania (TZ), Togo (TG), Trinidad and Tobago (TT), Tunisia (TN), Turkey (TR), Turkmenistan (TM), Uganda (UG), Ukraine (UA), United Arab Emirates (AE), United Kingdom (GB), United States of America (US), Uzbekistan (UZ), Viet Nam (VN), Serbia & Montenegro (YU), Zambia (ZM) and Zimbabwe (ZW), and all other PCT member countries, including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof, and any substitute applications therefore; (2) the full and complete right to file patent applications in the name of Amgen Fremont Inc., its designee, or in my/our names at Amgen Fremont Inc., or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue on the aforesaid inventions, discoveries and applications in any country of the world and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in and to all Convention and Treaty Rights of all kinds thereon, including

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without limitation all rights of priority in any country of the world, in and to the following priority application(s):

Serial No.	Country	Filing Date
60/715,292	United States	September 7, 2005

and all rights of priority in any country of the world deriving from the above-identified International Patent Application.

I/We hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in any country throughout the world to Amgen Fremont Inc. as the assignee of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, sale and transfer not been made.

I/We agree, at any time, upon the request of Amgen Fremont Inc. to execute and to deliver to Amgen Fremont Inc. any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries or applications, and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

I/We further agree, at any time, upon request of Amgen Fremont Inc. to execute and to deliver to Amgen Fremont Inc. such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect any and all rights of Amgen Fremont Inc. under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

ASSIGNOR:

Shelley Sims Belouski
Shelley Sims Belouski (1)

On this 16th day of October, 2006, Shelley Sims Belouski
(1) personally appeared before me, a Notary Public in and for the state of
California, and executed the foregoing Assignment and duly acknowledged to
me that such Assignment was executed for the uses and purposes therein expressed.



Karen Eileen Podgorny
Notary Public

ASSIGNOR:

Sirid-Aimée Kellermann (2)

On this _____ day of _____, 2006, Sirid-Aimée Kellermann
(2) personally appeared before me, a Notary Public in and for the state of
_____, and executed the foregoing Assignment and duly acknowledged to
me that such Assignment was executed for the uses and purposes therein expressed.

Notary Public

529

ACKNOWLEDGEMENT OF ASSIGNEE:

I hereby acknowledge the foregoing executed Assignment on behalf of Amgen
Fremont Inc.

By: Stuart L. Watt
Stuart L. Watt
Vice President, Law

On this 16 day of October, 2006, Stuart L. Watt personally
appeared before me, a Notary Public in and for the state of California, and
duly acknowledged the executed Assignment on behalf of the Assignee.

Karen Eileen DeLong
Notary Public

PCT
ASSIGNMENT

I/We,

(1) Shelley Sims Belouski,

(2) Sirid-Aimée Kellermann,

residing at

(1) 4541 La Tuna Court

Camarillo, California 93012

United States of America,

(2) 1000 Almanor Avenue

Menlo Park, California 94025

United States of America,

for good and valuable consideration, receipt of which is hereby acknowledged, have assigned, sold and transferred to and do hereby assign, sell and transfer to Amgen Fremont Inc., a corporation organized and existing under the laws of the State of Delaware and having an office and a place of business at 6701 Kaiser Drive, Fremont, California 94555, United States of America, its successors and assigns: (1) the entire right, title and interest in all countries throughout the world in and to any and all my/our inventions and discoveries disclosed in my/our International Patent Application, to be filed under the Patent Cooperation Treaty in the United States Receiving Office (RO/US) on September 6, 2006 assigned serial number PCT/US2006/35096, entitled: "Human Monoclonal Antibodies to Activin Receptor-Like Kinase-1", and designating all PCT member countries, including Albania (AL), Algeria (DZ), Antigua & Barbuda (AG), Armenia (AM), Australia (AU), Austria (AT), Azerbaijan (AZ), Barbados (BB), Belarus (BY), Belgium (BE), Belize (BZ), Benin (BJ), Bosnia and Herzegovina (BA), Botswana (BW), Brazil (BR), Bulgaria (BG), Burkina Faso (BF), Cameroon (CM), Canada (CA), Central African Republic (CF), Chad (TD), China (CN), Colombia (CO), Congo (CG), Costa Rica (CR), Côte d'Ivoire (CI), Croatia (HR), Cuba (CU), Cyprus (CY), Czech Republic (CZ), Democratic People's

* We hereby authorize Amgen Fremont Inc. and its representatives to insert in this instrument the International Patent Application number of said application when Amgen Fremont Inc. is officially notified thereof.

930

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Serial No.	Country	Filing Date
60/715,292	United States	September 7, 2005

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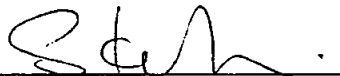
ASSIGNOR:

Shelley Sims Belouski (1)

On this _____ day of _____, 2006, Shelley Sims Belouski
(1) personally appeared before me, a Notary Public in and for the state of _____, and executed the foregoing Assignment and duly acknowledged to me that such Assignment was executed for the uses and purposes therein expressed.

Notary Public

ASSIGNOR:



Sirid-Aimée Kellermann (2)

On this _____ day of _____, 2006, Sirid-Aimée Kellermann
(2) personally appeared before me, a Notary Public in and for the state of _____, and executed the foregoing Assignment and duly acknowledged to me that such Assignment was executed for the uses and purposes therein expressed.

* see attached certificate
Notary Public

533

ACKNOWLEDGEMENT OF ASSIGNEE:

I hereby acknowledge the foregoing executed Assignment on behalf of Amgen
Fremont Inc.

By: _____
Stuart L. Watt
Vice President, Law

On this __ day of _____, 2006, Stuart L. Watt personally
appeared before me, a Notary Public in and for the state of _____, and
duly acknowledged the executed Assignment on behalf of the Assignee.

Notary Public

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CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

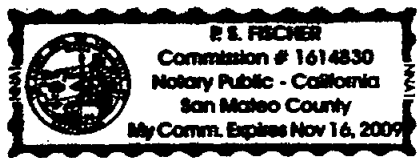
State of California

County of San Mateo

} ss.

On 13 October 2006 before me, P.S. Fischer, Notary Public
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Sirid-Aimée Kellermann
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.

P.S. Fischer
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

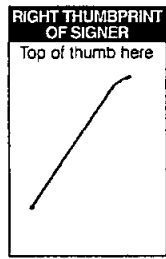
Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document
Title or Type of Document: PCT Assignment

Document Date: notarization date Number of Pages: 5

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)	
Signer's Name: <u>Sirid-Aimée Kellermann</u>	
☒ Individual	☐ Individual
☐ Corporate Officer — Title(s): _____	☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General	☐ Partner — ☐ Limited ☐ General
☐ Attorney in Fact	☐ Attorney in Fact
☐ Trustee	☐ Trustee
☐ Guardian or Conservator	☐ Guardian or Conservator
☐ Other: _____	☐ Other: _____
Signer Is Representing: <u>Self</u>	Signer Is Representing: _____



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TRADUCCION OFICIAL NO.451/2008.-

EL TEXTO QUE SIGUE ES TRADUCCION FIEL Y COMPLETA DE UN DOCUMENTO ESCRITO EN INGLES. LLEVA LA FIRMA Y EL SELLO DE HELENA URIBE DE LEMOINE, TRADUCTORA E INTERPRETE OFICIAL, SEGUN RESOLUCION NO. 3618 DEL MINISTERIO DE JUSTICIA DE COLOMBIA, DE FECHA 6 DE SEPTIEMBRE DE 1972.

ESTADOS UNIDOS DE AMERICA

**A TODOS A QUIENES LOS PRESENTES LLEGUEN, SALUDOS:
DEPARTAMENTO DE COMERCIO DE LOS ESTADOS UNIDOS
OFICINA DE MARCAS COMERCIALES Y PATENTES
DE LOS ESTADOS UNIDOS**

7 DE MARZO DE 2008

POR MEDIO DEL PRESENTE CERTIFICAMOS QUE EL DOCUMENTO ADJUNTO ES UNA COPIA FIDEDIGNA Y CORRECTA TOMADA DE UN DOCUMENTO REGISTRADO EN ESTE DESPACHO EL 21 DE OCTUBRE DE 2006.

POR AUTORIZACIÓN DEL SUB-SECRETARIO DE COMERCIO PARA LA PROPIEDAD INTELECTUAL Y DIRECTOR DE LA OFICINA DE MARCAS COMERCIALES Y PATENTES DE LOS ESTADOS UNIDOS.

FIRMADO: T. **WALLACE**, FUNCIONARIO CERTIFICADOR
HAY SELLO DE LA OFICINA DE MARCAS COMERCIALES Y PATENTES DE
LOS ESTADOS UNIDOS DE AMERICA.



APOSTILLA

CONVENIO DE LA HAYA DEL 5 DE OCTUBRE DE 1961

1. PAIS: ESTADOS UNIDOS DE AMÉRICA
EL PRESENTE DOCUMENTO PUBLICO
2. HA SIDO FIRMADO POR: **T. WALLACE**
3. ACTUANDO EN SU CAPACIDAD DE: FUNCIONARIO CERTIFICADOR
4. LLEVA EL SELLO DE: OFICINA DE PATENTES Y MARCAS
COMERCIALES

CERTIFICADO

5. EN: WASHINGTON, D.C.
6. EL: 4 DE ABRIL DE 2008
7. POR: FUNCIONARIO ASISTENTE DE AUTENTICACION
DEPARTAMENTO DE ESTADO DE LOS ESTADOS UNIDOS
8. BAJO EL NO.: **08018415-2**
9. SELLO: DEPARTAMENTO DE ESTADO, ESTADOS UNIDOS DE
AMERICA
10. FIRMADO: PATRICK O. HATCHETT

LA TRADUCTORA OFICIAL

Helena Uribe de Lemoine

HELENA URIBE DE LEMOINE



2008 MAY 22 A 11:27
JEFE DE LEGALIZACION
BOGOTA D.C.

MINISTERIO DE
RELACIONES EXTERIORES
DEL

965639
Helena Uribe
COPIA PARA AUTENTICACION
BOGOTA D.C.

COPIA PARA
AUTENTICACION
DEL

TRADUCCION OFICIAL NO.451/2008.-

CESION DE PATENTE

Versión Electrónica v1.1

Versión Impresa v1.1

TIPO DE PRESENTACIÓN	NUEVA CESION
NATURALEZA DEL TRASPASO	CESIÓN
NOMBRE	FECHA DE EJECUCIÓN
SHELLEY SIMS BELOUSKI	10/16/2006
SIND-AIMEE KELLERMANN	10/13/2006

DATOS DE LA PARTE RECEPTORA

Nombre:	AMGEN FREMONT INC.
Dirección	6701 Kaiser Drive
CIUDAD	Fremont
ESTADO	California
CODIGO POSTAL	94555

TOTAL NUMEROS DE PROPIEDAD: 2

Tipo de Propiedad	Número
Número PCT	US0635096
Número de la Solicitud	60715292

DATOS PARA LA CORRESPONDENCIA

Numero Fax: (646) 728 2915

La correspondencia será enviada por el correo de los Estados Unidos cuando el envío por fax no sea posible.

Teléfono: 212.596.9000

Email: andrew.shiue@ropesgray.com

Nombre del Corresponsal: Jane T. Gunnison

Dirección Línea 1: Fish & Neave IP Group, Ropes & Gray LLP

Dirección Línea 2: 1251 avenue of the Americas

Dirección Línea 4: New York, New York 10020

NUMERO DEL EXPEDIENTE	000659-0065 ABX -PF9
NOMBRE DEL PRESENTADOR:	JANE T. GUNNISON



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TRADUCCION OFICIAL NO.451/2008.-

TOTAL ANEXOS: 11

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Fuente = Cesión Ejecutada pag # 2.tif

Fuente = Cesión Ejecutada pag # 3.tif

Fuente = Cesión Ejecutada pag # 4.tif

Fuente = Cesión Ejecutada pag # 5.tif

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PATENTE

REEL: 018419 FRAME: 0159

Handwritten signature



CESION

Nosotros,

(1) SHELLEY SIMS BELOUSKI

(2) SIRID AIMÉE KELLERMANN

Residente en

(1) 4541 La Tuna Court, Camarillo, California 93012. Estados Unidos de América

(2) 1000 Almanor Avenue, Menlo Park, California 94025, Estados Unidos de América

Por buena y valiosa consideración cuyo recibo y suficiencia se reconoce por el presente, hemos cedido, vendido y transferido y por medio del presente, cedemos y vendemos y transferimos a **Amgen Fremont Inc.**, una sociedad organizada y existente bajo las leyes del Estado de Delaware, Estados Unidos de América; y cuya oficina y principal lugar de negocios está en 6701 Kaiser Drive, Fremont, California 94555, Estados Unidos de América; sus sucesores y cesionarios (1) el derecho, título e interés total en todos los países en todo el mundo sobre todas las invenciones y descubrimientos difundidos por nuestra solicitud de Patente Internacional para ser radicada bajo el Tratado de Cooperación de Patentes en los Estados Unidos oficina receptora el 6 de septiembre de 2006 a la cual se le asignó el número de serie PCT/US 2006/35096 titulada "**ANTICUERPOS MONOCLONALES HUMANOS PARA ACTIVIN RECEPTOR SIMILAR KINASA 1**" Y designamos a todos los países miembros de PCT incluyendo :

Albania (AL), Argelia (DZ), Antigua y Barbados (AG), Armenia (AM), Australia (AU), Austria (AT), Azerbaijan (AZ), Barbados (BB), Bielarrusia (BY), Bélgica (BG),



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Burkina Faso (BF), Camerún (CM) Canadá (CA), República de Africa Central (CF), Chad (TD), China (CN), Colombia (CO), Congo (CG), Costa Rica (CR), Costa de Marfil (CI), Croacia (HR), Cuba (CU), Chipre (CY), República Checa (CZ), República Democrática Popular de Corea (KP), Dinamarca (DK), Dominica (DM), Ecuador (EC), Egipto (EG), El Salvador (SV), Guinea Ecuatorial (GQ), Estonia (EE), Finlandia (FI), Francia (FR), Gabón (GA), Gambia (GM), Georgia (GE), Alemania (DE), Ghana (GH), Grecia (GR), Granada (GD), Guinea (GN), Guinea Bissau (GW), Honduras (HN), Hungría (HU), Islandia (IS) India (IN), Indonesia (ID), Irlanda ((IE), Israel (IL), Italia (IT), Japón (JP) Comoros (KM), Kazakstan (KZ), Kenya (KE).Kyrgystan (KG), República Democrática Popular de Laos (LA), Latvia (LV).Lesoto (LS). Liberia (LR), Libia (LY), Liechtenstein (LI), Lituania (LT), Luxemburgo (LU), Madagascar (MG), anterior República yugoeslava de Macedonia (MK) Malawi (MW), Malasia (MY), Mali (ML), Mauritania (MR), México (MX), Mónaco (MC), Mongolia (MN), Marruecos (MA), Mozambique (MZ) Namibia (NA), Holanda (NL), Nueva Zelandia (NZ), Nicaragua (NI), Niger (NE), Nigeria (NG), Noruega (NO), Omán (OM), Papua Nueva Guinea (PG), Las Filipinas (PH), Polonia (PL), Portugal (PT), República de Corea (KR) República de Moldavia (MD), Rumania (RO), Federación Rusa (RU), Santa Lucia (LC), Saint Kitts y Nevis (KN), Saint Vincent y Grenadines (VC), San Marino (SM), Senegal (SN), Seychelles (SC), Sierra Leona (SL), Singapur (SG), Eslovaquia (SK), Eslovenia (SI), Sur Africa (ZA), España (ES) Sri-Lanka (LK), Sudan (SD), Swazilandia (SZ), Suecia (SE), Suiza (CH), República Arabe de Siria (SY), Tajikistan (TJ), República Unida de Tanzania (TZ), Togo (TG), Trinidad y Tobago (TT), Tunez (TN), Turquía (TR), Turkmenistan TM, Uganda (UG), Ucrania (UA), Emiratos Arabes Unidos (AE), Reino Unido (GB), Estados Unidos de América (US), Uzbekistan (UZ), Viet Nam (VN), Serbia & Montenegro (YU), Zambia (ZM) y Zimbabwe (ZW), y todos los demás países miembros PC incluyendo todas las renovaciones, reactivaciones, remisiones, reexámenes, prorrogas, continuaciones y divisiones de las mismas y



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cualquier solicitud sustituta de las mismas. (2) El pleno y completo derecho a radicar solicitudes de patente a nombre de **Amgen Fremont Inc.**, su designado en nuestro nombre en **Amgen Fremont Inc.**, o a elección del designado en las invenciones arriba mencionadas, descubrimientos y solicitudes en todos los países del mundo. (3) El derecho, título e interés total en las cartas de patentes que puedan ser expedidas en las invenciones arriba mencionadas, descubrimientos y solicitudes en cualquier país del mundo y las renovaciones reexpediciones, reexámenes y prórrogas de las mismas y en todas las patentes de confirmación, registro e importación de los mismos. Y (4) El derecho, título e interés total en todas las Convenciones y Derechos de Tratados de todo tipo, incluyendo sin limitación todos los derechos de prioridad en cualquier país del mundo sobre las siguiente Solicitud de Prioridad:

Serie No.	País	Fecha de Radicación
60/715.292	Estados Unidos	7 Septiembre, 2007

y todos los derechos de prioridad en cualquier país del mundo que se deriven de la Solicitud de Patente Internacional arriba identificada.

Po medio del presente autorizamos y solicitamos a las autoridades competentes que otorguen y emitan todas las cartas de patentes en todos los países del mundo a Amgen Fremont Inc., como cesionario del derecho, título e interés total allí tal como si el mismo hubiese estado en poder y hubiese disfrutado por nosotros si dicha Cesión, venta y transferencia no se hubiese efectuado.

Por medio del presente acepto en cualquier momento a solicitud de **Amgen Fremont Inc.**, ejecutar y entregar a **Amgen Fremont Inc.**, cualquier solicitud adicional para patentes sobre dichas invenciones y descubrimientos o parte del os mismos y en todas las solicitudes de patentes de confirmación, registro e importación con base en las cartas de patentes emitidas en dichas invenciones,



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TRADUCCION OFICIAL NO.451/2008.-

descubrimientos o solicitudes y divisiones o continuaciones, renovaciones, remisiones, reexámenes y extensiones de los mismos.

Además aceptamos en cualquier momento, a solicitud de **Amgen Fremont Inc.**, ejecutar y entregar a **Amgen Fremont Inc.**, dichos documentos adicionales si fuese el caso que sean necesarios o deseables para garantizar la protección de las patentes sobre dichos inventos, descubrimientos y solicitudes en todos los países del mundo y hacer todo aquello que sea necesario para dar pleno efecto y perfeccionar todos los derechos de **Amgen Fremont Inc.**, bajo ésta cesión incluyendo la ejecución, entrega y obtención de todos los documentos que den evidencia de dicha cesión, transferencia y venta tal como sea necesario y deseable.

CEDENTE:

FIRMADO: SHELLEY SIMS BELOUSKI (1)

A los 16 días del mes de Octubre de 2006 **SHELLEY SIMS BELOUSKI (1)** personalmente compareció ante mí, Notario Público en para el Estado de California y ejecutó la anterior Cesión y reconoció que dicha Cesión fue ejecutada para los usos y fines allí expresados.

FIRMADO: **KAREN EILEEN PODGORNYY**, NOTARIO PUBLICO, ESTADO DE CALIFORNIA, CONDADO DE LOS ANGELES, CON COMISION HASTA EL 28 DE OCTUBRE DE 2006. HAY SELLO DEL NOTARIO.

RECONOCIMIENTO DE CESION

Por medio del presente reconozco que ejecuté la Cesión a nombre de Amgen Fremont Inc.,

FIRMADO: **STUART L. WATT**. VICEPRESIDENTE LEGAL.



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TRADUCCION OFICIAL NO.451/2008.-

A los 16 días del mes de Octubre de **2006 Stuart L. Watt**, personalmente compareció ante mí Notario Público en y para el Estado de California y debidamente reconoció que ejecutó la Cesión a nombre del Cesionario.

FIRMADO: **KAREN EILEEN PODGORN**, NOTARIO PUBLICO, ESTADO DE CALIFORNIA, CONDADO DE LOS ANGELES, CON COMISION HASTA EL 28 DE OCTUBRE DE 2006. HAY SELLO DEL NOTARIO.

AUTENTICACIÓN GENERAL DE CALIFORNIA

ESTADO DE CALIFORNIA - CONDADO DE SAN MATEO

El día 13 de Octubre de 2006, ante mí, P.S. FISCHER, NOTARIO PUBLICO, compareció **SIRID AIMEE KELLERMANN**, a quien conozco personalmente como la persona cuyo nombre suscribe el presente documento y reconoció ante mí que suscribió el mismo en su condición autorizada y que mediante su firma en el instrumento la persona o entidad a nombre de la cual actuó, suscribió el instrumento.

EN EVIDENCIA FIRMO Y PONGO EL SELLO OFICIAL.

FIRMADO POR: P. S. FISCHER, NOTARIO PUBLICO PARA EL ESTADO DE CALIFORNIA, CONDADO DE SAN MATEO, CON COMISIÓN HASTA EL 16 DE NOVIEMBRE DE 2009.

HAY SELLO DEL NOTARIO.

OPCIONAL

DESCRIPCIÓN DEL DOCUMENTO ADJUNTO:

TITULO O TIPO DE DOCUMENTO: CESION PCT

FECHA DEL DOCUMENTO: NOTARIZACION DEL DOCUMENTO:

NUMERO DE PAGINAS: 5

NOMBRES DE LOS FIRMANTES: SIRID AIMEE KELLERMANN

FIRMA DEL REPRESENTANTE: EL MISMO.



1613 544

APOSTILLE

(Convention de La Haye du 5 octobre 1961)

1. Country: United States of America

This public document

2. has been signed by L. Edelen

3. acting in the capacity of Certifying Officer

4. bears the seal/stamp of U.S. Patent and Trademark Office

Certified

5. at Washington, D.C.

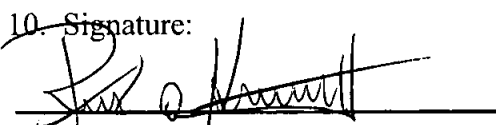
6. the fourth of April, 2008

7. by Assistant Authentication Officer, United States Department of State

8. No. 08018415-4

9. Seal/Stamp:

10. Signature:


Patrick O. Hatchett

A 1688439

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

UNITED STATES DEPARTMENT OF COMMERCE

United States Patent and Trademark Office

March 07, 2008

**THIS IS TO CERTIFY THAT ANNEXED IS A TRUE COPY FROM THE
RECORDS OF THIS OFFICE OF A DOCUMENT RECORDED ON
October 16, 2006.**

By Authority of the

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

L. Edele

L. EDELEN

Certifying Officer



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PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Michael Aidan North	08/28/2006
Karin Kristina Amundson	08/24/2006
Vahe Bedian	08/29/2006
Dana Dan Hu-Lowe	08/29/2006
Xin Jiang	08/28/2006
Shannon Marie Karlicek	08/24/2006
James Arthur Thomson	08/24/2006
Jianying Wang	08/24/2006
Grant Raymond Wickman	08/24/2006
Jingchuan Zhang	08/30/2006

RECEIVING PARTY DATA

Name:	PFIZER INC.
Street Address:	235 East 42nd Street
City:	New York
State/Country:	NEW YORK
Postal Code:	10017

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	60715292

CORRESPONDENCE DATA

Fax Number: (646)728-2915
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Phone: 212.596.9000
 Email: andrew.shiue@ropesgray.com
 Correspondent Name: Jane T. Gunnison
 Address Line 1: Fish & Neave IP Group, Ropes & Gray LLP

CH \$40.00 60715292

500164966

PATENT
 REEL: 018395 FRAME: 0380

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Address Line 2: 1251 Avenue of the Americas
Address Line 4: New York, NEW YORK 10020

NAME OF SUBMITTER:

Jane T. Gunnison

Total Attachments: 15

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A S S I G N M E N T

For valuable consideration, the receipt and adequacy of which is hereby acknowledged, we, **Michael Aidan North of 15047 El Camino Real, Rancho Santa Fe, California 92014, United States of America; Karin Kristina Amundson of 2033½ Morena Boulevard, San Diego, California 92110, United States of America; Vahe Bedian of 35 Overlook Drive East, Framingham, Massachusetts 01701, United States of America; Dana Dan Hu-Lowe of 942 Arden Dr. Encinitas, California 92024, United States of America; Xin Jiang of 7556 Charmant Drive, #1722, San Diego, California 92122, United States of America; Shannon Marie Karliceck of 3717 Nobel Drive, Unit 1318, San Diego, California 92122, United States of America; James Arthur Thomson of 8931 Haveteur Way, San Diego California 92123, United States of America; Jianying Wang of 7478 Park Village Road, San Diego, California 92129, United States of America; Grant Raymond Wickman of 4249 Nobel Drive, #38, San Diego, California 92122, United States of America; and Jingchuan Zhang of 4790 West Moorhead Circle, Boulder, Colorado 80305, United States of America;** hereby sell, assign and transfer unto PFIZER INC., a corporation organized and existing under the laws of the State of Delaware, United States of America, and having its principal place of business at 235 East 42nd Street, New York, New York 10017, United States of America, our entire right, title and interest, in and to provisional patent application of the United States of America, having PFIZER INC. Docket No. **PC32842**, entitled **HUMAN MONOCLONAL ANTIBODIES TO ACTIVIN RECEPTOR-LIKE KINASE-1**; filed in the United States Patent and Trademark Office on **September 7, 2005** and assigned application number **60/715,292**; and our entire right, title and interest,

in the United States of America, in and to all our inventions, whether joint or sole, disclosed in said patent application; and our entire right, title and interest in and to all applications filed in the United States of America for Letters Patent for any or all of said inventions; and our entire right, title and interest in and to all Letters Patent granted in the United States of America on the foregoing applications;

in all countries of the world, including, but not limited to: Argentina (AR), Aruba (AW), Bahamas (BS), Bangladesh (BD), Bolivia (BO), Chile (CL), Dominican Republic (DO), Gulf Cooperation Council (GC), Guatemala (GT), Honduras (HN), Lebanon (LB), Malta (MT), Netherlands (NL), Nigeria (NG), Pakistan (PK), Panama (PA), Paraguay (PY), Peru (PE), Taiwan (TW), Thailand (TH), Uruguay (UY), Venezuela (VZ),

and further including, but not limited to: Albania (AL), Algeria (DZ), Antigua & Barbuda (AG), Armenia (AM), Australia (AU), Austria (AT), Azerbaijan (AZ), Barbados (BB), Belarus (BY), Belgium (BE), Belize (BZ), Benin (BJ), Bosnia and Herzegovina (BA), Botswana (BW), Brazil (BR), Bulgaria (BG), Burkina Faso (BF), Cameroon (CM), Canada (CA), Central African Republic (CF), Chad (TD), China (CN), Colombia (CO), Congo (CG), Costa Rica (CR), Côte d'Ivoire (CI), Croatia (HR), Cuba (CU), Cyprus (CY), Czech Republic (CZ), Democratic People's Republic of Korea (KP), Denmark (DK), Dominica (DM), Ecuador (EC), Egypt (EG), El Salvador (SV), Equatorial Guinea (GQ), Estonia

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(EE), Finland (FI), France (FR), Gabon (GA), Gambia (GM), Georgia (GE), Germany (DE), Ghana (GH), Greece (GR), Grenada (GD), Guinea (GN), Guinea Bissau (GW), Honduras (HN), Hungary (HU), Iceland (IS), India (IN), Indonesia (ID), Ireland (IE), Israel (IL), Italy (IT), Japan (JP), The Comoros (KM), Kazakstan (KZ), Kenya (KE), Kyrgyzstan (KG), Lao People's Democratic Republic (LA), Latvia (LV), Lesotho (LS), Liberia (LR), Libyan Arab Jamahriya (LY), Liechtenstein (LI), Lithuania (LT), Luxembourg (LU), Madagascar (MG), former Yugoslav Republic of Macedonia (MK), Malawi (MW), Malaysia (MY), Mali (ML), Mauritania (MR), Mexico (MX), Monaco (MC), Mongolia (MN), Morocco (MA), Mozambique (MZ), Namibia (NA), Netherlands (NL), New Zealand (NZ), Nicaragua (NI), Niger (NE), Nigeria (NG), Norway (NO), Oman (OM), Papua New Guinea (PG), the Philippines (PH), Poland (PL), Portugal (PT), Republic of Korea (KR), Republic of Moldova (MD), Romania (RO), Russian Federation (RU), Saint Lucia (LC), Saint Kitts and Nevis (KN), Saint Vincent and the Grenadines (VC), San Marino (SM), Senegal (SN), Seychelles (SC), Sierra Leone (SL), Singapore (SG), Slovakia (SK), Slovenia (SI), South Africa (ZA), Spain (ES), Sri Lanka (LK), Sudan (SD), Swaziland (SZ), Sweden (SE), Switzerland (CH), Syrian Arab Republic (SY), Tajikistan (TJ), United Republic of Tanzania (TZ), Togo (TG), Trinidad and Tobago (TT), Tunisia (TN), Turkey (TR), Turkmenistan (TM), Uganda (UG), Ukraine (UA), United Arab Emirates (AE), United Kingdom (GB), United States of America (US), Uzbekistan (UZ), Viet Nam (VN), Serbia & Montenegro (YU), Zambia (ZM) and Zimbabwe (ZW),

in and to all our inventions, whether joint or sole, disclosed in said patent application; and our entire right, title and interest in and to all patent applications filed outside the United States of America for Letters Patent for any or all of said inventions; and our entire right, title and interest in and to all Letters Patent granted outside the United States of America on said patent applications filed outside the United States of America; and the right to claim priority from said provisional patent application under the Paris Convention for the Protection of Industrial Property, and under any and all other such treaties and agreements to which the United States of America is a party and which afford similar priority-claiming privileges, in all countries of the world;

and we hereby agree, whenever requested, to communicate to said PFIZER INC. and its successors and assigns, any facts known to us respecting said inventions, to testify in any legal proceeding respecting said inventions, and to execute all applications or papers necessary to obtain and maintain proper patent protection on said inventions in all countries of the world.

Signed and witnessed this _____ day of _____ 2006,

at San Diego, California, United States of America

Michael Aidan North

In the presence of:

[print name here, sign above]

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Provisional Assignment – Joint
PC32842

Signed and witnessed this _____ day of _____ 2006,
at San Diego, California, United States of America

Karin Kristina Amundson

In the presence of:

[print name here, sign above]

Signed and witnessed this 29th day of August 2006,
at Waltham, Massachusetts, United States of America

Vahe Bedian
Vahe Bedian

In the presence of:

Kathleen F. Morrell
KATHLEEN F. MORRELL
[print name here, sign above]

Signed and witnessed this _____ day of _____ 2006,
at San Diego, California, United States of America

Dana Dan Hu-Lowe

In the presence of:

[print name here, sign above]

551

Provisional Assignment – Joint
PC32842

Signed and witnessed this _____ day of _____ 2006,
at San Diego, California, United States of America

Xin Jiang
In the presence of:

[print name here, sign above]

Signed and witnessed this _____ day of _____ 2006,
at San Diego, California, United States of America

Shannon Marie Karlicek
In the presence of:

[print name here, sign above]

Signed and witnessed this _____ day of _____ 2006,
at San Diego, California, United States of America

James Arthur Thomson
In the presence of:

[print name here, sign above]

552

Provisional Assignment – Joint
PC32842

Signed and witnessed this _____ day of _____ 2006,
at San Diego, California, United States of America

Jianying Wang

In the presence of:

[print name here, sign above]

Signed and witnessed this _____ day of _____ 2006,
at San Diego, California, United States of America

Grant Raymond Wickman

In the presence of:

[print name here, sign above]

Signed and witnessed this _____ day of _____ 2006,
at Boulder, Colorado, United States of America

Jingchuan Zhang

In the presence of:

[print name here, sign above]

A S S I G N M E N T

For valuable consideration, the receipt and adequacy of which is hereby acknowledged, we, **Michael Aidan North** of 15047 El Camino Real, Rancho Santa Fe, California 92014, United States of America; **Karin Kristina Amundson** of 2033½ Morena Boulevard, San Diego, California 92110, United States of America; **Vahe Bedian** of 35 Overlook Drive East, Framingham, Massachusetts 01701, United States of America; **Dana Dan Hu-Lowe** of 942 Arden Dr. Encinitas, California 92024, United States of America; **Xin Jiang** of 7556 Charmant Drive, #1722, San Diego, California 92122, United States of America; **Shannon Marie Karlicek** of 3717 Nobel Drive, Unit 1318, San Diego, California 92122, United States of America; **James Arthur Thomson** of 8931 Haveteur Way, San Diego California 92123, United States of America; **Jianning Wang** of 7478 Park Village Road, San Diego, California 92129, United States of America; **Grant Raymond Wickman** of 4249 Nobel Drive, #38, San Diego, California 92122, United States of America; and **Jingchuan Zhang** of 4790 West Moorhead Circle, Boulder, Colorado 80305, United States of America; hereby sell, assign and transfer unto **PFIZER INC.**, a corporation organized and existing under the laws of the State of Delaware, United States of America, and having its principal place of business at 235 East 42nd Street, New York, New York 10017, United States of America, our entire right, title and interest, in and to provisional patent application of the United States of America, having **PFIZER INC.** Docket No. **PC32842**, entitled **HUMAN MONOCLONAL ANTIBODIES TO ACTIVIN RECEPTOR-LIKE KINASE-1**; filed in the United States Patent and Trademark Office on **September 7, 2005** and assigned application number **60/715,292**; and our entire right, title and interest,

in the United States of America, in and to all our inventions, whether joint or sole, disclosed in said patent application; and our entire right, title and interest in and to all applications filed in the United States of America for Letters Patent for any or all of said inventions; and our entire right, title and interest in and to all Letters Patent granted in the United States of America on the foregoing applications;

in all countries of the world, including, but not limited to: Argentina (AR), Aruba (AW), Bahamas (BS), Bangladesh (BD), Bolivia (BO), Chile (CL), Dominican Republic (DO), Gulf Cooperation Council (GC), Guatemala (GT), Honduras (HN), Lebanon (LB), Malta (MT), Netherlands (NL), Nigeria (NG), Pakistan (PK), Panama (PA), Paraguay (PY), Peru (PE), Taiwan (TW), Thailand (TH), Uruguay (UY), Venezuela (VZ),

and further including, but not limited to: Albania (AL), Algeria (DZ), Antigua & Barbuda (AG), Armenia (AM), Australia (AU), Austria (AT), Azerbaijan (AZ), Barbados (BB), Belarus (BY), Belgium (BE), Belize (BZ), Benin (BJ), Bosnia and Herzegovina (BA), Botswana (BW), Brazil (BR), Bulgaria (BG), Burkina Faso (BF), Cameroon (CM), Canada (CA), Central African Republic (CF), Chad (TD), China (CN), Colombia (CO), Congo (CG), Costa Rica (CR), Côte d'Ivoire (CI), Croatia (HR), Cuba (CU), Cyprus (CY), Czech Republic (CZ), Democratic People's Republic of Korea (KP), Denmark (DK), Dominica (DM), Ecuador (EC), Egypt (EG), El Salvador (SV), Equatorial Guinea (GQ), Estonia

(EE), Finland (FI), France (FR), Gabon (GA), Gambia (GM), Georgia (GE), Germany (DE), Ghana (GH), Greece (GR), Grenada (GD), Guinea (GN), Guinea Bissau (GW), Honduras (HN), Hungary (HU), Iceland (IS), India (IN), Indonesia (ID), Ireland (IE), Israel (IL), Italy (IT), Japan (JP), The Comoros (KM), Kazakstan (KZ), Kenya (KE), Kyrgyzstan (KG), Lao People's Democratic Republic (LA), Latvia (LV), Lesotho (LS), Liberia (LR), Libyan Arab Jamahriya (LY), Liechtenstein (LI), Lithuania (LT), Luxembourg (LU), Madagascar (MG), former Yugoslav Republic of Macedonia (MK), Malawi (MW), Malaysia (MY), Mali (ML), Mauritania (MR), Mexico (MX), Monaco (MC), Mongolia (MN), Morocco (MA), Mozambique (MZ), Namibia (NA), Netherlands (NL), New Zealand (NZ), Nicaragua (NI), Niger (NE), Nigeria (NG), Norway (NO), Oman (OM), Papua New Guinea (PG), the Philippines (PH), Poland (PL), Portugal (PT), Republic of Korea (KR), Republic of Moldova (MD), Romania (RO), Russian Federation (RU), Saint Lucia (LC), Saint Kitts and Nevis (KN), Saint Vincent and the Grenadines (VC), San Marino (SM), Senegal (SN), Seychelles (SC), Sierra Leone (SL), Singapore (SG), Slovakia (SK), Slovenia (SI), South Africa (ZA), Spain (ES), Sri Lanka (LK), Sudan (SD), Swaziland (SZ), Sweden (SE), Switzerland (CH), Syrian Arab Republic (SY), Tajikistan (TJ), United Republic of Tanzania (TZ), Togo (TG), Trinidad and Tobago (TT), Tunisia (TN), Turkey (TR), Turkmenistan (TM), Uganda (UG), Ukraine (UA), United Arab Emirates (AE), United Kingdom (GB), United States of America (US), Uzbekistan (UZ), Viet Nam (VN), Serbia & Montenegro (YU), Zambia (ZM) and Zimbabwe (ZW),

in and to all our inventions, whether joint or sole, disclosed in said patent application; and our entire right, title and interest in and to all patent applications filed outside the United States of America for Letters Patent for any or all of said inventions; and our entire right, title and interest in and to all Letters Patent granted outside the United States of America on said patent applications filed outside the United States of America; and the right to claim priority from said provisional patent application under the Paris Convention for the Protection of Industrial Property, and under any and all other such treaties and agreements to which the United States of America is a party and which afford similar priority-claiming privileges, in all countries of the world;

and we hereby agree, whenever requested, to communicate to said PFIZER INC. and its successors and assigns, any facts known to us respecting said inventions, to testify in any legal proceeding respecting said inventions, and to execute all applications or papers necessary to obtain and maintain proper patent protection on said inventions in all countries of the world.

Signed and witnessed this _____ day of _____ 2006,
at San Diego, California, United States of America

Michael Aidan North

In the presence of:

[print name here, sign above]

Signed and witnessed this _____ day of _____ 2006,
at San Diego, California, United States of America

Karin Kristina Amundson

In the presence of:

[print name here, sign above]

Signed and witnessed this _____ day of _____ 2006,
at Waltham, Massachusetts, United States of America

Vahe Bedian

In the presence of:

[print name here, sign above]

Signed and witnessed this _____ day of _____ 2006,
at San Diego, California, United States of America

Dana Dan Hu-Lowe

In the presence of:

[print name here, sign above]

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Provisional Assignment – Joint
PC32842

Signed and witnessed this _____ day of _____ 2006,
at San Diego, California, United States of America

Xin Jiang

In the presence of:

[print name here, sign above]

Signed and witnessed this _____ day of _____ 2006,
at San Diego, California, United States of America

Shannon Marie Karlicek

In the presence of:

[print name here, sign above]

Signed and witnessed this _____ day of _____ 2006,
at San Diego, California, United States of America

James Arthur Thomson

In the presence of:

[print name here, sign above]

Signed and witnessed this _____ day of _____ 2006,
at San Diego, California, United States of America

Jianying Wang

In the presence of:

[print name here, sign above]

Signed and witnessed this _____ day of _____ 2006,
at San Diego, California, United States of America

Grant Raymond Wickman

In the presence of:

[print name here, sign above]

Signed and witnessed this 30 day of August 2006,
at Boulder, Colorado, United States of America

Jingchuan Zhang
Jingchuan Zhang

In the presence of:

YINGNING ZHANG
[print name here, sign above]

ASSIGNMENT

For valuable consideration, the receipt and adequacy of which is hereby acknowledged, we, Michael Aidan North of 15047 El Camino Real, Rancho Santa Fe, California 92014, United States of America; Karin Kristina Amundson of 2033½ Morena Boulevard, San Diego, California 92110, United States of America; Vahe Bedian of 35 Overlook Drive East, Framingham, Massachusetts 01701, United States of America; Dana Dan Hu-Lowe of 942 Arden Dr. Encinitas, California 92024, United States of America; Xin Jiang of 7556 Charmant Drive, #1722, San Diego, California 92122, United States of America; Shannon Marie Karlicek of 3717 Nobel Drive, Unit 1318, San Diego, California 92122, United States of America; James Arthur Thomson of 8931 Haveteur Way, San Diego California 92123, United States of America; Jianying Wang of 7478 Park Village Road, San Diego, California 92129, United States of America; Grant Raymond Wickman of 4249 Nobel Drive, #38, San Diego, California 92122, United States of America; and Jingchuan Zhang of 4790 West Moorhead Circle, Boulder, Colorado 80305, United States of America; hereby sell, assign and transfer unto PFIZER INC., a corporation organized and existing under the laws of the State of Delaware, United States of America, and having its principal place of business at 235 East 42nd Street, New York, New York 10017, United States of America, our entire right, title and interest, in and to provisional patent application of the United States of America, having PFIZER INC. Docket No. **PC32842**, entitled **HUMAN MONOCLONAL ANTIBODIES TO ACTIVIN RECEPTOR-LIKE KINASE-1**; filed in the United States Patent and Trademark Office on September 7, 2005 and assigned application number **60/715,292**; and our entire right, title and interest,

in the United States of America, in and to all our inventions, whether joint or sole, disclosed in said patent application; and our entire right, title and interest in and to all applications filed in the United States of America for Letters Patent for any or all of said inventions; and our entire right, title and interest in and to all Letters Patent granted in the United States of America on the foregoing applications;

in all countries of the world, including, but not limited to: Argentina (AR), Aruba (AW), Bahamas (BS), Bangladesh (BD), Bolivia (BO), Chile (CL), Dominican Republic (DO), Gulf Cooperation Council (GC), Guatemala (GT), Honduras (HN), Lebanon (LB), Malta (MT), Netherlands (NL), Nigeria (NG), Pakistan (PK), Panama (PA), Paraguay (PY), Peru (PE), Taiwan (TW), Thailand (TH), Uruguay (UY), Venezuela (VZ),

and further including, but not limited to: Albania (AL), Algeria (DZ), Antigua & Barbuda (AG), Armenia (AM), Australia (AU), Austria (AT), Azerbaijan (AZ), Barbados (BB), Belarus (BY), Belgium (BE), Belize (BZ), Benin (BJ), Bosnia and Herzegovina (BA), Botswana (BW), Brazil (BR), Bulgaria (BG), Burkina Faso (BF), Cameroon (CM), Canada (CA), Central African Republic (CF), Chad (TD), China (CN), Colombia (CO), Congo (CG), Costa Rica (CR), Côte d'Ivoire (CI), Croatia (HR), Cuba (CU), Cyprus (CY), Czech Republic (CZ), Democratic People's Republic of Korea (KP), Denmark (DK), Dominica (DM), Ecuador (EC), Egypt (EG), El Salvador (SV), Equatorial Guinea (GQ), Estonia

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Provisional Assignment – Joint
PC32842

(EE), Finland (FI), France (FR), Gabon (GA), Gambia (GM), Georgia (GE), Germany (DE), Ghana (GH), Greece (GR), Grenada (GD), Guinea (GN), Guinea Bissau (GW), Honduras (HN), Hungary (HU), Iceland (IS), India (IN), Indonesia (ID), Ireland (IE), Israel (IL), Italy (IT), Japan (JP), The Comoros (KM), Kazakstan (KZ), Kenya (KE), Kyrgyzstan (KG), Lao People's Democratic Republic (LA), Latvia (LV), Lesotho (LS), Liberia (LR), Libyan Arab Jamahriya (LY), Liechtenstein (LI), Lithuania (LT), Luxembourg (LU), Madagascar (MG), former Yugoslav Republic of Macedonia (MK), Malawi (MW), Malaysia (MY), Mali (ML), Mauritania (MR), Mexico (MX), Monaco (MC), Mongolia (MN), Morocco (MA), Mozambique (MZ), Namibia (NA), Netherlands (NL), New Zealand (NZ), Nicaragua (NI), Niger (NE), Nigeria (NG), Norway (NO), Oman (OM), Papua New Guinea (PG), the Philippines (PH), Poland (PL), Portugal (PT), Republic of Korea (KR), Republic of Moldova (MD), Romania (RO), Russian Federation (RU), Saint Lucia (LC), Saint Kitts and Nevis (KN), Saint Vincent and the Grenadines (VC), San Marino (SM), Senegal (SN), Seychelles (SC), Sierra Leone (SL), Singapore (SG), Slovakia (SK), Slovenia (SI), South Africa (ZA), Spain (ES), Sri Lanka (LK), Sudan (SD), Swaziland (SZ), Sweden (SE), Switzerland (CH), Syrian Arab Republic (SY), Tajikistan (TJ), United Republic of Tanzania (TZ), Togo (TG), Trinidad and Tobago (TT), Tunisia (TN), Turkey (TR), Turkmenistan (TM), Uganda (UG), Ukraine (UA), United Arab Emirates (AE), United Kingdom (GB), United States of America (US), Uzbekistan (UZ), Viet Nam (VN), Serbia & Montenegro (YU), Zambia (ZM) and Zimbabwe (ZW),

in and to all our inventions, whether joint or sole, disclosed in said patent application; and our entire right, title and interest in and to all patent applications filed outside the United States of America for Letters Patent for any or all of said inventions; and our entire right, title and interest in and to all Letters Patent granted outside the United States of America on said patent applications filed outside the United States of America; and the right to claim priority from said provisional patent application under the Paris Convention for the Protection of Industrial Property, and under any and all other such treaties and agreements to which the United States of America is a party and which afford similar priority-claiming privileges, in all countries of the world;

and we hereby agree, whenever requested, to communicate to said PFIZER INC. and its successors and assigns, any facts known to us respecting said inventions, to testify in any legal proceeding respecting said inventions, and to execute all applications or papers necessary to obtain and maintain proper patent protection on said inventions in all countries of the world.

Signed and witnessed this

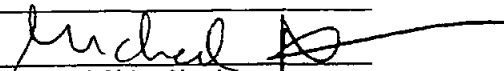
28

day of

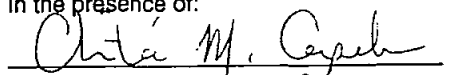
August

2006,

at San Diego, California, United States of America


Michael Aidan North

In the presence of:


Christine M. Campbell
[print name here, sign above]

589

Provisional Assignment – Joint
PC32842

Signed and witnessed this 24 day of August 2006,
at San Diego, California, United States of America

Karin Kristina Amundson
Karin Kristina Amundson

In the presence of:

Christina M. Compelube
Christina M. Compelube
[print name here, sign above]

Signed and witnessed this _____ day of _____ 2006,
at Waltham, Massachusetts, United States of America

Vahe Bedian
Vahe Bedian

In the presence of:

[print name here, sign above]

Signed and witnessed this 29 day of August 2006,
at San Diego, California, United States of America

Dana Dan Hu-Lowe
Dana Dan Hu-Lowe

In the presence of:

Christina M. Compelube
Christina M. Compelube
[print name here, sign above]

560

Signed and witnessed this 28th day of August 2006,
at San Diego, California, United States of America

Xin Jiang
Xin Jiang

In the presence of:

Julie Agostino
Julie Agostino
[print name here, sign above]

Signed and witnessed this 24th day of August 2006,
at San Diego, California, United States of America

Shannon Marie Karlcek
Shannon Marie Karlcek

In the presence of:

Christina M. Compelube
Christina M. Compelube
[print name here, sign above]

Signed and witnessed this 24th day of August 2006,
at San Diego, California, United States of America

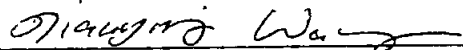
James Arthur Thomson
James Arthur Thomson

In the presence of:

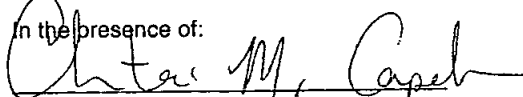
Julie Agostino
Julie Agostino
[print name here, sign above]

561

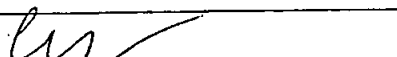
Signed and witnessed this 24th day of August 2006,
at San Diego, California, United States of America


Jianying Wang

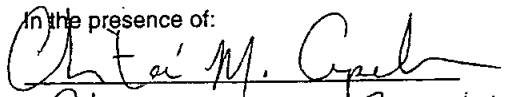
In the presence of:


Christina M. Compelube
[print name here, sign above]

Signed and witnessed this 24th day of August 2006,
at San Diego, California, United States of America


Grant Raymond Wickman

In the presence of:


Christina M. Compelube
[print name here, sign above]

Signed and witnessed this _____ day of _____ 2006,
at Boulder, Colorado, United States of America

Jingchuan Zhang

In the presence of:

[print name here, sign above]

56
TRADUCCION OFICIAL NO.450/2008.-

EL TEXTO QUE SIGUE ES TRADUCCION FIEL Y COMPLETA DE UN DOCUMENTO ESCRITO EN INGLES. LLEVA LA FIRMA Y EL SELLO DE HELENA URIBE DE LEMOINE, TRADUCTORA E INTERPRETE OFICIAL, SEGUN RESOLUCION NO. 3618 DEL MINISTERIO DE JUSTICIA DE COLOMBIA, DE FECHA 6 DE SEPTIEMBRE DE 1972.

ESTADOS UNIDOS DE AMERICA

A TODOS A QUIENES LOS PRESENTES LLEGUEN, SALUDOS:
DEPARTAMENTO DE COMERCIO DE LOS ESTADOS UNIDOS
OFICINA DE MARCAS COMERCIALES Y PATENTES
DE LOS ESTADOS UNIDOS

7 DE MARZO DE 2008

POR MEDIO DEL PRESENTE CERTIFICAMOS QUE EL DOCUMENTO ADJUNTO ES UNA COPIA FIDEDIGNA Y CORRECTA TOMADA DE UN DOCUMENTO REGISTRADO EN ESTE DESPACHO EL 16 DE OCTUBRE DE 2006.

POR AUTORIZACIÓN DEL SUB-SECRETARIO DE COMERCIO PARA LA PROPIEDAD INTELECTUAL Y DIRECTOR DE LA OFICINA DE MARCAS COMERCIALES Y PATENTES DE LOS ESTADOS UNIDOS.

FIRMADO: L. EDELEN, FUNCIONARIO CERTIFICADOR
HAY SELLO DE LA OFICINA DE MARCAS COMERCIALES Y PATENTES DE LOS ESTADOS UNIDOS DE AMERICA.

[Handwritten signature]



765635
Helema Uribe
COMISION ASISTENTE
SECRETARIO DE JUSTICIA
ASTRONOMIA INDIADAS

NO SE ASUME
RESPONSABILIDAD
DEL TEXTO

APOSTILLA

CONVENIO DE LA HAYA DEL 5 DE OCTUBRE DE 1961

1. PAIS: ESTADOS UNIDOS DE AMÉRICA
EL PRESENTE DOCUMENTO PUBLICO
2. HA SIDO FIRMADO POR: **L. EDELEN**
3. ACTUANDO EN SU CAPACIDAD DE: FUNCIONARIO CERTIFICADOR
4. LLEVA EL SELLO DE: OFICINA DE PATENTES Y MARCAS
COMERCIALES

CERTIFICADO

5. EN: WASHINGTON, D.C.
6. EL: 4 DE ABRIL DE 2008
7. POR: FUNCIONARIO ASISTENTE DE AUTENTICACIONES DEL
DEPARTAMENTO DE ESTADO DE LOS ESTADOS UNIDOS
8. BAJO EL NO.: **08018415-4**
9. SELLO: DEPARTAMENTO DE ESTADO, ESTADOS UNIDOS DE
AMERICA
10. FIRMADO: PATRICK O. HATCHETT

LA TRADUCTORA OFICIAL

HELENA URIBE DE LEMOINE



TRADUCCION OFICIAL NO.450/2008.-

CESIÓN DE PATENTE

Versión Electrónica V1.1

Versión Impresa v1.1

TIPO DE PRESENTACIÓN	NUEVA CESION
NATURALEZA DEL TRASPASO	CESIÓN
NOMBRE	FECHA DE EJECUCIÓN
MICHAEL AIDAN NORTH	08/28/2006
KARIN KRISTINA AMUNDSON	08/24/2006
VAHE BEDIAN	08/29/2006
DANA DAN HU-LOWE	08/29/2006
XIN JIANG	08/28/2006
SHANNON MARIE KARLICEK	08/24/2006
JAMES ARTHUR THOMSON	08/24/2006
JIANYING WANG	08/24/2006
GRANT RAYMOND WICKMAN	08/24/2006
JINGCHUAN ZHANG	08/30/2006

DATOS DE LA PARTE RECEPTORA

Nombre:	PFIZER INC.
Dirección	235 EAST 42nd Street
CIUDAD	NEW YORK
ESTADO	NEW YORK
CODIGO POSTAL	10017

TOTAL NUMEROS DE PROPIEDAD: 1

Tipo de Propietario	Número
Número de la Solicitud	60715292

DATOS PARA LA CORRESPONDENCIA

Numero Fax: (646) 728 2915

La correspondencia será enviada por el correo de los Estados Unidos cuando el envío por fax no sea posible.

Teléfono: 212.596.9000

Email: andrew.shiue@ropesgray.com

Nombre del Corresponsal: Andrew Shiue

Dirección Línea 1: Fish & Neave IP Group, Ropes & Gray LLP

Dirección Línea 2: 1251 avenue of the Americas

Dirección Línea 4: New York, New York 10020



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TRADUCCION OFICIAL NO.450/2008.-

TOTAL ANEXOS: 15

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Fuente = Cesión Ejecutada pag # 15.tif

PATENTE

REEL: 018395 FRAME: 0381



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Cesión Provisional - conjunta

PC32842

CESION

Por buena y valiosa consideración cuyo recibo y suficiencia se reconoce por el presente, los suscritos Michael Aidan North de 15047, El Camino Real, Rancho Santa Fe, California, 92014, Estados Unidos de América; **Karin Kristina Amundson** de 20331/2 Morena Boulevard, San Diego, California 92110, Estados Unidos de América; **Vahe Bedian** de 35 Overlook Drive East, Framingham, Massachusetts 01701, Estados Unidos de América; **Dana Dan Hu-Lowe** de 942 Arden Dr. Encinitas, California 92024, Estados Unidos de América; **Xin Jiang** de 7556 Charmant Drive, #1722, San Diego, California 92122, Estados Unidos de América; **Shannon Marie Karlicek** de 3717 Nobel Drive, Unit 1318, San Diego, California 92122. Estados Unidos de América; **James Arthur Thomson** de 8931 Haveteur Way, San Diego California 92123, Estados Unidos de América; **Jiaying Wang** de 7478 Park Village Road, San Diego, California 92129, Estados Unidos de América; **Grant Raymond Wickman** de 4249 Nobel Drive # 38, San Diego, California 92122, Estados Unidos de América; **Jingchuan Zhang** de 4790 West Moorhead Circle, Boulder, Colorado 80305, Estados Unidos de América, por medio del presente cedemos a **PFIZER INC.**, una sociedad organizada y existente bajo las leyes del Estado de Delaware, Estados Unidos de América; y cuya oficina principal está situada en 235 East 42nd Street, New York, New York 10017, Estados Unidos de América, el derecho, título e interés total en la invención en y en la solicitud de patente provisional de los Estados Unidos de América, que lleva por numero de expediente de PFIZER INC. PC32842 titulada "**ANTICUERPOS MONOCLONALES HUMANOS PARA ACTIVIN RECEPTOR SIMILAR KINASA 1**" radicada en la Oficina de Patentes y Marcas Comerciales de los Estados Unidos el 7 de Septiembre de 2005 y a la cual se le asignó el número de solicitud. 60/715.292, así como nuestro total derecho, título e interés, en los Estados Unidos



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TRADUCCION OFICIAL NO.450/2008.-

de América, en todas nuestras invenciones, bien sea conjuntamente o individualmente, difundidas en dicha solicitud de patente; y nuestro total derecho, título e interés en todas las solicitudes radicadas en los Estados Unidos de América para cartas de patentes para cualquiera de dichas invenciones; y nuestro total derecho, título e interés en todas las Cartas de Patentes otorgadas en los Estados Unidos de América sobre las anteriores solicitudes; En todos los países del mundo incluyendo pero sin limitarse a: Argentina (AR), Aruba (AW), Bahamas (BS), Bangladesh (BD), Bolivia (BO), Chile (CL), República Dominicana (DO), Gulf Cooperation Council (GC), Guatemala (GT), Honduras (HN), Libano (LB), Malta (MT), Holanda (NL), Nigeria (NG), Pakistan (PK), Panamá (PA), Paraguay (PY), Peru (PE), Taiwan (TW), Tailandia (TH), Uruguay (UY), Venezuela (VZ).

Y que incluye además pero que no se limita a ellos: Albania (AL), Argelia (DZ), Antigua y Barbados (AG), Armenia (AM), Australia (AU), Austria (AT), Azerbaijan (AZ), Barbados (BB), Bielarrusia (BY), Bélgica (BG), Burkina Faso (BF), Camerún (CM), Canadá (CA), República de Africa Central (CF), Chad (TD), China (CN), Colombia (CO), Congo (CG), Costa Rica (CR), Costa de Marfil (CI), Croacia (HR), Cuba (CU), Chipre (CY), República Checa (CZ), República Democrática Popular de Corea (KP), Dinamarca (DK), Dominica (DM), Ecuador (EC), Egipto (EG), El Salvador (SV), Guinea Ecuatorial (GQ), Estonia (EE), Finlandia (FI), Francia (FR), Gabón (GA), Gambia (GM), Georgia (GE), Alemania (DE), Ghana (GH), Grecia (GR), Granada (GD), Guinea (GN), Guinea Bissau (GW), Honduras (HN), Hungría (HU), Islandia (IS), India (IN), Indonesia (ID), Irlanda ((IE), Israel (IL), Italia (IT), Japón (JP), Comoros (KM), Kazakstan (KZ), Kenya (KE), Kyrgystan (KG), República Democrática Popular de Laos (LA), Latvia (LV), Lesoto (LS), Liberia (LR), Libia (LY), Liechtenstein (LI), Lituania (LT), Luxemburgo (LU), Madagascar (MG), anterior República yugoeslava de Macedonia (MK), Malawi (MW), Malasia (MY), Mali (ML), Mauritania (MR), México (MX), Mónaco (MC), Mongolia (MN), Marruecos (MA), Mozambique (MZ), Namibia (NA), Holanda (NL), Nueva Zelandia

Handwritten signature



TRADUCCION OFICIAL NO.450/2008.-

(NZ), Nicaragua (NI), Niger (NE), Nigeria (NG), Noruega (NO), Omán (OM), Papua Nueva Guinea (PG), Las Filipinas (PH), Polonia (PL), Portugal (PT), República de Corea (KR) República de Moldavia (MD), Rumania (RO), Federación Rusa (RU), Santa Lucía (LC), Saint Kitts y Nevis (KN), Saint Vincent y Grenadines (VC), San Marino (SM), Senegal (SN), Seychelles (SC), Sierra Leona (SL), Singapur (SG), Eslovaquia (SK), Eslovenia (SI), Sur Africa (ZA), España (ES) Sri-Lanka (LK), Sudan (SD), Swazilandia (SZ), Suecia (SE), Suiza (CH), República Árabe de Siria (SY), Tajikistan (TJ), República Unida de Tanzania (TZ), Togo (TG), Trinidad y Tobago (TT), Túnez (TN), Turquía (TR), Turkmenistán (TM), Uganda (UG), Ucrania (UA), Emiratos Árabes Unidos (AE), Reino Unido (GB), Estados Unidos de América (US), Uzbekistán (UZ), Viet Nam (VN), Serbia & Montenegro (YU), Zambia (ZM) y Zimbawe (ZW), y en todas nuestras invenciones, bien sea conjunta o individualmente, difundidas en dicha solicitud de patente; y nuestro total derecho, título e interés en todas las solicitudes de patentes radicadas fuera de los Estados Unidos de América para Cartas de Patentes para todas las anteriores invenciones; y nuestro total derecho, título e interés en todas las Cartas de Patentes otorgadas fuera de los Estados Unidos de América sobre dichas solicitudes de Patentes radicadas fuera de los Estados Unidos de América; y el derecho a reclamar prioridad en dicha solicitud provisional de patente bajo la Convención de París para la protección de la Propiedad Industrial y bajo todos aquellos tratados y acuerdos de los cuales los Estados Unidos de América haga parte y que concedan los privilegios similares de reclamación de prioridad en todos los países del mundo.

-Atestiguado bajo mi firma a los 29 días de Agosto de 2006, en Waltham, Massachusetts, Estados Unidos de América

FIRMADO: VAHE BEDIAN

En presencia de :

FIRAMDO: KATHLEEN F. MORREL





TRADUCCION OFICIAL NO.450/2008.-

Atestiguado bajo mi firma a los 30 días de Agosto de 2006, en Boulder, Colorado,
Estados Unidos de América

FIRMADO: JINGCHUAN ZHANG

En presencia de :

FIRAMDO: YINGNING ZHANG

Atestiguado bajo mi firma a los 28 días de Agosto de 2006, en San Diego,
California, Estados Unidos de América

FIRMADO: MICHAEL AIDAN NORTH

En presencia de :

FIRAMDO: CHRISTINA M. COMPELUBE

Atestiguado bajo mi firma a los 29 días de Agosto de 2006, en San Diego,
California, Estados Unidos de América

FIRMADO: KARIN KRISTINA AMUNDSON

En presencia de :

FIRAMDO: CHRISTINA M. COMPELUBE

Atestiguado bajo mi firma a los 29 días de Agosto de 2006, en San Diego,
California, Estados Unidos de América

FIRMADO: DANA DAN HU-LOWE

En presencia de :

FIRAMDO: CHRISTINA M. COMPELUBE

Atestiguado bajo mi firma a los 28 días de Agosto de 2006, en San Diego,
California, Estados Unidos de América

FIRMADO: XIN JIANG

En presencia de :

FIRAMDO: JULIE AGOZINO



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TRADUCCION OFICIAL NO.450/2008.-

Atestiguado bajo mi firma a los 24 días de Agosto de 2006, en San Diego,
California, Estados Unidos de América

FIRMADO: SHANNON MARIE KARLICEK

En presencia de :

FIRMADO: CHRISTINA M. COMPELUBE

Atestiguado bajo mi firma a los 24 días de Agosto de 2006, en San Diego,
California, Estados Unidos de América

FIRMADO: JAMES ARTHUR THOMSON

En presencia de:

FIRMADO: JULIE AGOZINO

Atestiguado bajo mi firma a los 24 días de Agosto de 2006, en San Diego,
California, Estados Unidos de América

FIRMADO: JIANYING WANG

En presencia de :

FIRMADO: CRISTINA M. COMPELUBE

Atestiguado bajo mi firma a los 24 días de Agosto de 2006, en San Diego,
California, Estados Unidos de América

FIRMADO: GRANT RAYMOND WICKMAN

En presencia de :

FIRMADO: CRISTINA M. COMPELUBE



REPUBLICA DE COLOMBIA
SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO

Folio 572

2020
Bogotá D.C.,

Doctor(a)
FERRERO EMILIO
Apoderado(a) y/o Representante de
AMGEN FREMONT, INC
PFIZER INC.

REFERENCIA	Radicación No.	08 34643
	Solicitud internacional	PCT/US2006/035096
	Fecha inicio fase nacional	07/04/2008
	Trámite	11
	Evento	378
	Actuación	416
	Oficio No.	9129
	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.

Cúmplase
Dado en Bogotá DC,

29 OCT 2009

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

adpa10