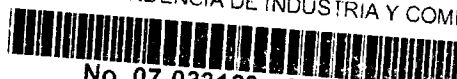


CASTELLANOS & Co.
Calle 94 A No.7ª-09
Bogotá-Colombia

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO



No. 07-033168- -00004-0000

Fecha: 2007-09-04 15:42:04 Dep. 2020 NUECREACIONE
Tra. 11 PATENTE/LEY 373 FASE NACIONAL
Act 444 RESPUESTA/ARQUE - Folios 13

Señora

Jefe de la División de Nuevas Creaciones

Superintendencia de Industria y Comercio

Ministerio de Comercio, Desarrollo Industria y Turismo

E. S. D.

Re.: Expediente No. 07.033.168

Solicitud de Patente de Invención para:

"INHIBIDORES PIRIDILO DE SEÑALIZACION DE HEDGEHOG"

Solicitante: GENENTECH, INC. y CURIS, INC.

RESPUESTA A EXAMEN DE FORMA

MARGARITA CASTELLANOS ABONDANO, mayor de edad, identificada y domiciliada como aparece al pie de mi firma, en atención a su oficio No. 5038 notificado el 4 de mayo de 2007, para el cual solicité una prórroga el día 4 de julio de 2007, atentamente me permito dar repuesta al mismo de la siguiente manera:

Establece el funcionario examinador lo siguiente:

- ***"la solicitud no contiene la copia del documento en que consta la cesión del derecho a la patente del inventor al solicitante o a su causante".***
- ***"La solicitud no contiene el poder debidamente otorgado, con el lleno de los requisitos exigidos por los artículos 63 y subsiguientes del Código de Procedimiento Civil. Adicionalmente, deberá presentar el documento que acredita la existencia y representación legal de la sociedad solicitante, cuando ésta fuere persona jurídica."***

Con el objeto de atender a las anteriores observaciones, me permito presentar los siguientes documentos:

- Copia certificada del documento de cesión de los Estados Unidos de América debidamente legalizada por Apostilla.
- Copia del documento de poder otorgado por la sociedad solicitante **CURIS, INC.** con la certificación notarial en que consta la existencia y representación de la sociedad.
- Sustitución de poder a nombre de Margarita Castellanos.

Cumplido así con lo dispuesto, atentamente solicito a Ud. se continúe con el trámite correspondiente a esta solicitud de Patente de Invención.

De la Señora Jefe,


Margarita Castellanos Abondano

C.C. No. **39.779.654** de Usaquén

T.P.A. No. **70819** del C. Sup. de la Judicatura

Carrera 9 No. 93 - 09 - Santa Fe de Bogotá

Teléfonos: 610 74 80 y 610 74 60

Bogotá, D.C.,

Patentes/14/P1465-FNPCT/MEMORIAL FORMA

583

CASTELLANOS & CO LTDA
A B O G A D O S
Calle 94 A No. 7 A-09
Bogotá, D.C. – COLOMBIA

Re.: Expediente No. **07.033.168**

Solicitud de Patente de Invención para:

“INHIBIDORES PIRIDILO DE SEÑALIZACION DE HEDGEHOG”

Solicitante: **GENENTECH, INC. y CURIS, INC.**

Ref.: **PODER** conferido por **CURIS, INC.**

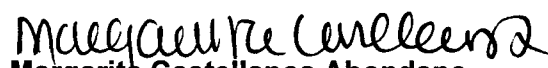
Yo, **XIMENA CASTELLANOS ABONDANO**, mayor de edad, identificada y domiciliada como aparece al pie de mi firma, atentamente manifiesto a Uds. que sustituyo en la Dra. **MARGARITA CASTELLANOS ABONDANO**, el poder que me confirió la sociedad **CURIS, INC.**, con domicilio en 61 Moulton Street, Cambridge Massachussets 02138, Estados Unidos de América, con las mismas facultades que me fueron conferidas, para tramitar la solicitud de Patente PCT Entrada en Fase Nacional en Colombia, para: **“INHIBIDORES PIRIDILO DE SEÑALIZACION DE HEDGEHOG”**

De la Señora Jefe,

Acepto


Ximena Castellanos Abondano
C.C. No. **39.773.330** de Usaquén
T.P.A. No. **58.236** del C.S.J.
Calle 94 A No. 7 A-09 – Bogotá
PBX: 610 74 20

Bogotá, D.C.
XCA/MCA/14/ P1465


Margarita Castellanos Abondano
C.C. No. **39.779.654** de Usaquén
T.P.A. No. **70.819** del C.S.J.
Calle 94 A No. 7 A-09 – Bogotá
PBX: 610 74 20

**AUTENTICACION DE FIRMA
MEDIANTE COMPARECENCIA PERSONAL**
(Art. 84 C.R.C. mod. Decr. 2282 de 1989, art. 1 mod. 36)

Ante el Notario Cuarenta y Uno (41) del círculo
de esta ciudad compareció personalmente:
Ximena Castellanos
identificado con C.C. **39773330**
expedida en **USC9** y tarjeta profesio-
nal del Consejo No. **58236** del Consejo
de la Abogacía de la Nación, con documento di-
funtivo No. **10000000000000000000**
y compareció en presencia de los señores
señalados a continuación en este escrito es-
crito.

Ximena Castellanos
Firma del declarante

En Bogotá D.C. a **04 SET. 2007**

AUTORIZO ESTA DILIGENCIA EL SUSCRITO ABOGADO



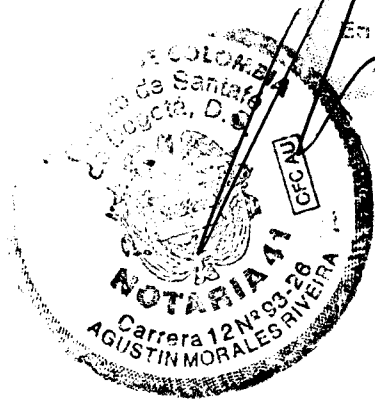
**AUTENTICACION DE FIRMA
MEDIANTE COMPARECENCIA PERSONAL**
(Art. 84 C.R.C. mod. Decr. 2282 de 1989, art. 1 mod. 36)

Ante el Notario Cuarenta y Uno (41) del círculo
de esta ciudad compareció personalmente:
Margarita Castellanos
identificado con C.C. **39779554**
expedida en **USC9** y tarjeta profesio-
nal del Consejo No. **70819** del Consejo
de la Abogacía de la Nación, con documento di-
funtivo No. **10000000000000000000**
y compareció en presencia de los señores
señalados a continuación en este escrito es-
crito.

Margarita Castellanos
Firma del declarante

En Bogotá D.C. a **04 SET. 2007**

AUTORIZO ESTA DILIGENCIA EL SUSCRITO ABOGADO



COLOMBIA

PODER

El (los)
CURIS, INC.

Domiciliados en **45 Moulton Street,
Cambridge, MA 02138, ESTADOS
UNIDOS DE AMERICA**

Nombran por el presente a **XIMENA CASTELLANOS A. y/o MARGARITA CASTELLANOS A.** abogadas con oficinas en la Calle 94 A No. 7 A-09, Bogotá-Colombia para obtener la protección de mi (nuestra) propiedad Industrial y con este fin autorizamos a dichos apoderados para que nos representen ante cualesquiera autoridades o personas de los órdenes administrativo, contencioso - administrativo y judicial en todo lo relacionado con los siguientes actos y gestiones:

- Obtención de patentes de invención, modelos y dibujos industriales; registro de marcas de fabrica, de servicio, colectivas o defensivas y de denominaciones de origen, depósito de nombres y enseñanzas comerciales; su renovación, prórroga, inscripción de traspaso y cambio de nombre o domicilio, cancelación voluntaria y el registro de licencias de uso de esos derechos;
- Para la obtención de registros sanitarios;
- Acciones de oposición, observación, cancelación, nulidad, medidas cautelares y en general los juicios civiles, penales, administrativos o contencioso - administrativos que promovamos o se nos promuevan.

Pudiendo en todos los actos y gestiones arriba mencionados sustituir éste mandato, transigir, desistir, recibir, cancelar, renunciar, aceptar notificaciones y nombrar apoderados judiciales y extrajudiciales.

Finalmente, este poder ratifica la validez de todos los actos y solicitudes que, a nombre de la poderdante hubieren realizado los apoderados en relación con las facultades anteriormente enumeradas, antes de la suscripción del presente poder

Dado y firmado hoy **26 de Junio de 2007**

en **Cambridge, MA, USA**

por **CURIS, INC - Mark Noel,
Vicepresidente**

(El notario debe suscribir el documento en la pagina siguiente)

(Se requiere legalización consular o mediante apostilla)

POWER OF ATTORNEY

I (we) the undersigned

CURIS, INC.

Of
**45 Moulton Street
Cambridge, MA 02138
United States of America**

hereby grant(s) Power of Attorney to **XIMENA CASTELLANOS A. and /or MARGARITA CASTELLANOS a.** attorneys residing at Calle 94 A No. 7 A-09, Bogotá-Colombia, to obtain the protection of my (our) Industrial Property, for which purpose we authorize the said attorneys to represent us before any authorities, or persons, specially those, administrative, contentious and judicial, in all matters concerning the following:

- Obtainment of patents, models and designs, registration of trademarks, service, collective and defensive marks, and of designations of origin; the deposit of trade names and ensgins; its renewal, extension, recordal of assignments, change of name or domicile, voluntary cancellation, and the registration of licenses of use of the above rights;
- For the obtainment of Sanitary registrations;
- Actions of opposition, cancellation, nullity, infringement, granting of licenses; and in general the civil, criminal and administrative suits related to those rights; actions and suits instituted by us or against us;

In all the above matters they may substitute this power of attorney, compromise, desist, cancel, receive, renounce, accept notifications and appoint attorneys in fact, in or out of court.

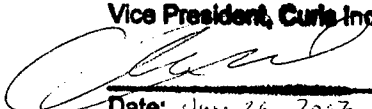
Finally, this power of attorney ratifies the validity of all acts and applications made by the representatives in the name of the signatory of this power of attorney, with regard to the faculties above given, before the execution of the present power of attorney.

Given and signed this 26 day of June, 2007

in Cambridge, Massachusetts, USA

by

**Mark Noel
Vice President, Curis Inc.**


Date: June 26, 2007

(Notary shall execute on the next page)

(Consular legalization or apostille is required)

ALVARO CASTELLANOS M. & CIA.

ABOGADOS COLOMBIA

Calle 94 A No. 7A-09 - P.O Box 6349 - Bogotá, Colombia
PBX.: (571) 610 74 20 - Fax (571) 610 07 06 - e-mail: mail@alvarocastellanos.com

COLOMBIA

CERTIFICADO NOTARIAL (Sociedad)

Hoy 26 de Junio año 2007
compareció (eron) personalmente

MARK NOEL

a quienes conozco como la(s) personas que firma(n) en
representación de la Sociedad (Compañía) denominada
CURIS, INC.

Certifico:

a) Que **CURIS, INC.**

es una sociedad/Compañía legalmente constituida y
existente de acuerdo con las leyes de **Delaware**
b) Que el domicilio de dicha Sociedad/Compañía es
**45 Moulton Street, Cambridge,
MA 02138, ESTADOS UNIDOS DE AMERICA**
c) Que el objeto u objetos para los cuales se otorga el
presente poder están comprendidos dentro del objeto
social de la mencionada Sociedad /Compañía.
d) Que el Sr. **MARK NOEL**
esta autorizado para otorgar el presente poder. Lo anterior
esta probado por medio de los siguientes documentos, que
certifico he visto* **Resolución de la Junta Di-
rectiva de CURIS, INC. de fecha Junio**
(Ciudad) **Boston** **12, 2002.**

(Estado) **Massachussets**

Hoy del **26 de Junio de 2007**

(Notario Público)

*Los documentos debe identificarse con fecha y origen.

NOTARIAL CERTIFICATION (Corporation)

On this 26th day of June of 2007
personally appeared

MARK NOEL

whom I know to be the person(s) who signed this document as
representative(s) of the Corporation /Company named

CURIS, INC.

I certify:

a) that **CURIS, INC.**

is a corporation (Company legally constituted and in
existence in accordance with the laws of Delaware
b) That the domicile of said Corporation/Company is

**45 Moulton Street
Cambridge, MA 02138
United States of America**

c) That the purpose or purposes for which the present
Power of Attorney is granted are comprised within the
object set forth in the charter of the mentioned
Corporation/Company.

d) That Mr. **MARK NOEL**
(is)are authorized to grant the present Power of Attorney. The
aforementioned was duly proven through the following
documents and I duly certify having seen them*:

**June 12, 2002 Minutes of
the CURIS, INC. Board
of Directors Meeting**

(City) **Boston**

(State) **Massachusetts**

this 26th day of June of the year 2007



MAURA C. KELLEHER

Notary Public

Commonwealth of Massachusetts

My Commission Expires

personally May 23, 2012

MARK NOEL
appeared before me, and proved his/her identification through
satisfactory evidence, which were **his Massachusetts drivers
license**
to be the person whose name is signed on the preceding or attached
document in my presence on this 26 day of June, 2007.

Maura C. Kelleher
Notary Public

Commonwealth of Massachusetts
My Commission Expires May 27, 2012

(Notary Public)

*Documents must be identified with date and origin

*** June 26, 2007 Colombian
Power of Attorney document**

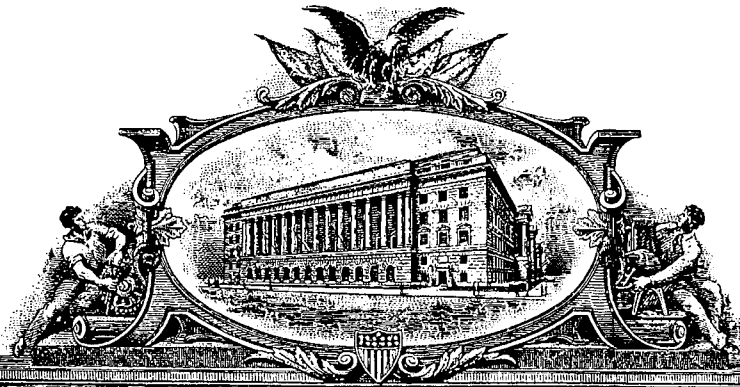
ALVARO CASTELLANOS M. & CIA.

ABOGADOS COLOMBIA

Calle 94 A No. 7A-09 - P.O. Box 6349 - Bogotá, Colombia
PBX.: (571) 610 74 20 - Fax (571) 610 07 06 - e-mail: mail@alvarocastellanos.com

586

A 1606177



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

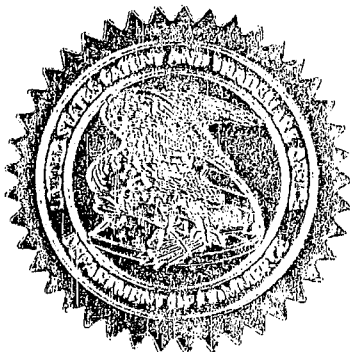
UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

May 18, 2007

THIS IS TO CERTIFY THAT ANNEXED IS A TRUE COPY FROM THE
RECORDS OF THIS OFFICE OF A DOCUMENT RECORDED ON
March 05, 2007.

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

P. SWAIN
Certifying Officer



588

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

03/05/2007
500232959

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>Janet L. Gunzner</td><td>12/22/2005</td></tr><tr><td>Daniel P. Sutherlin</td><td>12/22/2005</td></tr><tr><td>Mark S. Stanley</td><td>12/22/2005</td></tr><tr><td>Liang Bao</td><td>01/02/2006</td></tr><tr><td>Georgette M. Castanedo</td><td>12/22/2005</td></tr><tr><td>Rebecca L. LaLonde</td><td>01/10/2006</td></tr><tr><td>Shumei Wang</td><td>12/22/2005</td></tr><tr><td>Mark E. Reynolds</td><td>01/03/2006</td></tr><tr><td>Scott J. Savage</td><td>01/02/2006</td></tr><tr><td>Kimberly Malesky</td><td>01/02/2006</td></tr><tr><td>Michael S. Dina</td><td>01/02/2006</td></tr></tbody></table>		Name	Execution Date	Janet L. Gunzner	12/22/2005	Daniel P. Sutherlin	12/22/2005	Mark S. Stanley	12/22/2005	Liang Bao	01/02/2006	Georgette M. Castanedo	12/22/2005	Rebecca L. LaLonde	01/10/2006	Shumei Wang	12/22/2005	Mark E. Reynolds	01/03/2006	Scott J. Savage	01/02/2006	Kimberly Malesky	01/02/2006	Michael S. Dina	01/02/2006
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RECEIVING PARTY DATA																									
<table border="1"><tr><td>Name:</td><td>Genentech Inc.</td></tr><tr><td>Street Address:</td><td>1 DNA Way</td></tr><tr><td>City:</td><td>South San Francisco</td></tr><tr><td>State/Country:</td><td>CALIFORNIA</td></tr><tr><td>Postal Code:</td><td>94080-4990</td></tr></table>		Name:	Genentech Inc.	Street Address:	1 DNA Way	City:	South San Francisco	State/Country:	CALIFORNIA	Postal Code:	94080-4990														
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CH \$40.00 11217663

REEL 018957 FRAME 0519

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CORRESPONDENCE DATA

Fax Number: (703)243-6410

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 703-243-6333

Email: wallenhorst@mwzb.com

Correspondent Name: Millen, White, Zelano & Branigan, PC

Address Line 1: 2200 Clarendon Blvd.

Address Line 2: Suite 1400

Address Line 4: Arlington, VIRGINIA 22201

ATTORNEY DOCKET NUMBER:

GENENTECH-0001

NAME OF SUBMITTER:

Anthony Zelano

Total Attachments: 4

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ASSIGNMENT

ATTY. DOCKET NO. GENENTECH-0001

WHEREAS the below named inventor (if only one inventor is named below) or inventors (if plural inventors are named below) hereinafter referred to as the ASSIGNOR invented a certain improvement(s) relating to

PYRIDYL INHIBITORS OF HEDGEHOG SIGNALLING

and for which one or more of the following apply:

- ☒ U.S. Provisional Application Serial No. 60/607,367 was filed in the United States Patent and Trademark Office on September 2, 2005.
- ☒ A U.S. Non-Provisional
- ☐ application for Letters Patent to be filed in the United States Patent and Trademark Office was executed on even date.
- ☒ Application Serial No. 11/217,663 for Letters Patent was filed in the U.S. Patent and Trademark Office on September 2, 2005 as International Application No. _____ was filed on _____, designating the United States.

AND WHEREAS

Genentech, Inc.
1 DNA Way
South San Francisco, CA 94080-4990

Curis Inc.
61 Moulton Street
Cambridge, MA 02138

hereinafter referred to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and all application(s) listed above, including any and all earlier priority rights (U.S. and foreign), divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations and extensions thereof.

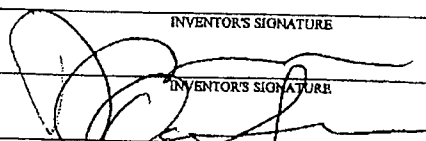
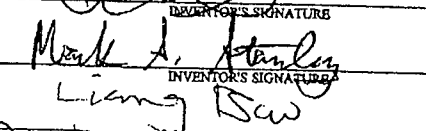
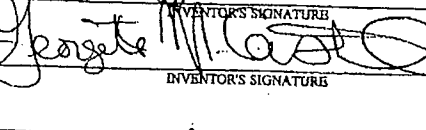
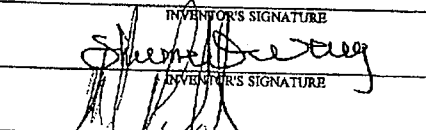
NOW, WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application(s), including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, and in and to any and all U.S. (including provisional) or foreign priority and/or convention rights or benefits accruing or to accrue with respect to the filing or securing of patents in the United States and/or any countries foreign thereto concerning said invention, SAID ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and application, including any and all earlier priority rights (U.S. and foreign), divisions and continuations thereof, any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, including the right to sue for damages occurring before the assignment, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, reexaminations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal representatives, in as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and enjoyed the same, if the assignment had not been made.

AND ASSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to execute any other papers that may be needed in connection with filing said applications and securing Letters Patents thereon.

AND ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.

The undersigned hereby grant(s) the law firm of Millen, White, Zelano & Branigan, P.C. the power to insert on this assignment information which may be necessary or desirable in order for the United States Patent and Trademark Office to properly record this document.

IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR

201 FULL NAME OF SOLE OR FIRST NAMED INVENTOR	INVENTOR'S SIGNATURE	DATE
Janet L. Gutzner		Dec 22, 2005
202 FULL NAME OF SECOND JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Daniel P. Sutherland		12/22/05
203 FULL NAME OF THIRD JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Mark S. Stanley		12/22/05
204 FULL NAME OF FOURTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Liang Bao		1/2/06
205 FULL NAME OF FIFTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Georgette M. Castaneda		12/22/05
206 FULL NAME OF SIXTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Rebecca L. LaLonde		
207 FULL NAME OF SEVENTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Shumei Wang		12/22/05
208 FULL NAME OF EIGHTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Mark E. Reynolds		1/3/06
209 FULL NAME OF NINTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Scott J. Savage		1/2/06

REEL 018957 FRAME 0521

5AD

210 FULL NAME OF EIGHTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Kimberly Malesky	<i>Kimberly Malesky</i>	1/02/06
211 FULL NAME OF NINTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Michael S. Dina	<i>Michael S. Dina</i>	1/2/06

REEL 018957 FRAME 0522

591

ASSIGNMENT

ATTY. DOCKET NO. GENENTECH-0001

WHEREAS the below named inventor (if only one inventor is named below) or inventors (if plural inventors are named below) hereinafter referred to as the ASSIGNOR invented a certain improvement(s) relating to

PYRIDYL INHIBITORS OF HEDGEHOG SIGNALLING

and for which one or more of the following apply:

- ☒ U.S. Provisional Application Serial No. 60/607,367 was filed in the United States Patent and Trademark Office on September 2, 2005.
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 - ☐ application for Letters Patent to be filed in the United States Patent and Trademark Office was executed on even date.
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Genentech, Inc.
1 DNA Way
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61 Moulton Street
Cambridge, MA 02138

hereinafter referred to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and all application(s) listed above, including any and all earlier priority rights (U.S. and foreign), divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations and extensions thereof.

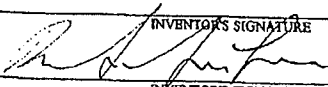
NOW, WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application(s), including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, and in and to any and all U.S. (including provisional) or foreign priority and/or convention rights or benefits accruing or to accrue with respect to the filing or securing of patents in the United States and/or any countries foreign thereto concerning said invention, SAID ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and application, including any and all earlier priority rights (U.S. and foreign), divisions and continuations thereof, any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, including the right to sue for damages occurring before the assignment, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, reexaminations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal representatives, in as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and enjoyed the same, if the assignment had not been made.

AND ASSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to execute any other papers that may be needed in connection with filing said applications and securing Letters Patents thereon.

AND ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.

The undersigned hereby grant(s) the law firm of Millen, White, Zelano & Branigan, P.C. the power to insert on this assignment information which may be necessary or desirable in order for the United States Patent and Trademark Office to properly record this document.

IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR

201 FULL NAME OF SOLE OR FIRST NAMED INVENTOR	INVENTOR'S SIGNATURE	DATE
Janet L. Gunzner		
202 FULL NAME OF SECOND JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Daniel P. Sutherland		
203 FULL NAME OF THIRD JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Mark S. Stanley		
204 FULL NAME OF FOURTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Liang Bao		
205 FULL NAME OF FIFTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Georgette M. Castanedo		
206 FULL NAME OF SIXTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Rebecca L. LaLonde		11/10/06
207 FULL NAME OF SEVENTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Shumei Wang		
208 FULL NAME OF EIGHTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Mark E. Reynolds		
209 FULL NAME OF NINTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Scott J. Savage		

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592

210 FULL NAME OF EIGHTH JOINT INVENTOR Kimberly Malesky	INVENTOR'S SIGNATURE	DATE
211 FULL NAME OF NINTH JOINT INVENTOR Michael S. Dina	INVENTOR'S SIGNATURE	DATE

RECORDED ON: 03/05/2007

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13

APOSTILLE

(Convention de La Haye du 5 octobre 1961)

1. Country: *United States of America*

This public document

2. has been signed by *P. Swain*

3. acting in the capacity of *Certifying Officer*

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

Certified

5. at Washington, D.C.

6. the *thirtieth* of August, 2007

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

8. No. *07034992-1*

9. Seal/Stamp:

10. Signature:

Sonya N. Johnson