



No. 07-117133- -00004-0000

Fecha: 2008-03-31 17:25:38 Dep. 2020 NUECREACIONE
Tra. 11 PATENTEIYII Eve: 378 FASENACIONALI
Act. 444 RESPUESTAREQUE Folios: 46

AS: 105.375

Señora Jefe

DIVISION DE NUEVAS CREACIONES

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO

E. S. D.

RESPUESTA A OFICIO 15886 DE 07 DICIEMBRE DE 2007

REF: Expediente No. 07 117133 - Solicitud de Patente Entrada en Fase Nacional
Corresp. a la Solicitud Internacional PCT/US2006/018682

a favor de **LEXICON PHARMACEUTICALS, INC.**

Titulada: COMPUESTOS MULTI-CÍCLICOS BASADOS EN PIPERAZINA Y PIPERIDINA
COMO INHIBIDORES DE TRANSPORTADORES DE PROLINA Y COMPOSICIONES
FARMACÉUTICAS QUE LOS COMPRENDEN

JUAN PABLO CADENA SARMIENTO, vecino de Bogotá, portador de la tarjeta profesional No. 57492, obrando como apoderado de la sociedad **LEXICON PHARMACEUTICALS, INC.**, según lo acredita el documento de poder anexo al presente escrito, para dar cumplimiento al requerimiento notificado por fijación en lista el 07 de diciembre de 2007, cuyo término fue prorrogado mediante escrito radicado el 04 de febrero de 2008, de acuerdo con los Artículos 38 y 39 de la Decisión 486 de la Comisión de la Comunidad Andina, Artículo 27 del Tratado de Cooperación en Materia de Patentes (PCT), regla 51 bis del Reglamento y Circular Única de la SIC, me permito allegar:

1. Documentos (5) donde consta la cesión del derecho a la Patente otorgado por los inventores al solicitante, debidamente apostillados, junto con sus correspondientes traducciones al castellano.
2. Fotocopia autenticada del documento de poder conferido por el solicitante, incluyendo el Certificado que acredita la Existencia y Representación Legal de **LEXICON PHARMACEUTICALS, INC.**, debidamente apostillado y traducido al castellano.
3. Nuevo título el cual precisa el objeto de la solicitud
"COMPUESTOS MULTI-CÍCLICOS BASADOS EN PIPERAZINA Y PIPERIDINA
COMO INHIBIDORES DE TRANSPORTADORES DE PROLINA Y
COMPOSICIONES FARMACÉUTICAS QUE LOS COMPRENDEN"
4. Copia Reporte Preliminar Internacional sobre la Patentabilidad; Reportes de Búsqueda Internacional y de la Opinión Escrita efectuada por la Oficina Internacional (Formas PCT/IB/326, PCT/IB/373 y PCT/ISA/237).
5. Extracto para publicación, Tarjeta de Archivo Temático y nueva Tarjeta de Propietarios con el Nuevo Título.

De la señora Jefe atentamente,

JUAN PABLO CADENA SARMIENTO

C.C. No. 80.410.337 de Usaquén

Cra. 7 No.71-21, Torre B, Piso 4

205

2

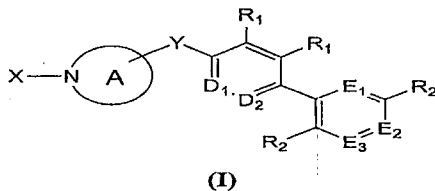
(21) N° de solicitud: 07 117133		(22) Fecha de solicitud: 06-11-2007	
(51) Clasificación Internacional:			
(71) Solicitante(s) LEXICON PHARMACEUTICALS, INC.			
(72) Inventor(es) Joseph BARBOSA, Li DONG, Cynthia Ann FINK, Jiancheng WANG, G. Gregory ZIPP			
(74) Agente: JUAN PABLO CADENA SARMIENTO			
(30) Prioridad	(31) No. Prioridad	(32) Fecha	(33) País
	60/680,501	13-05-2005	US
(85) Fecha inicio fase nacional: 13-12-2007		(87) Publicación internacional:	
(86) Datos relativos a la presentación de la solíc. PCT		Fecha: 23-11-2006	
Fecha de presentación de la solicitud: 12-05-2006		No. Publicación: WO 2006/124748 A3	
No. de solicitud: PCT/US2006/018682			

FIGURA CARACTERISTICA
6 x 6 cm

(54) Título: **COMPUESTOS MULTI-CÍCLICOS BASADOS EN PIPERAZINA Y PIPERIDINA COMO INHIBIDORES DE TRANSPORTADORES DE PROLINA Y COMPOSICIONES FARMACÉUTICAS QUE LOS COMPRENDEN**

(57) Reivindicación(es):

1. Un inhibidor específico del transportador de prolina de fórmula I:



CONTINUA AL RESPALDO ...

o su sal o solvato farmacéuticamente aceptables, en donde:

A es un heterociclo no aromático, opcionalmente sustituido;

cada uno de D₁ y D₂ es independientemente N o CR₁;

cada uno de E₁, E₂ y E₃ es independientemente N o CR₂;

X es heteroarilo opcionalmente sustituido;

Y es O, C(O), CH(OH), o CH₂;

cada R₁ es independientemente hidrógeno, halógeno, ciano, R_A, OR_A, C(O)R_A, C(O)OR_A, C(O)N(R_AR_B), N(R_AR_B), o SO₂R_A;

cada R₂ es independientemente hidrógeno, halógeno, ciano, R_A, OR_A, C(O)R_A, C(O)OR_A, C(O)N(R_AR_B), N(R_AR_B), o SO₂R_A;

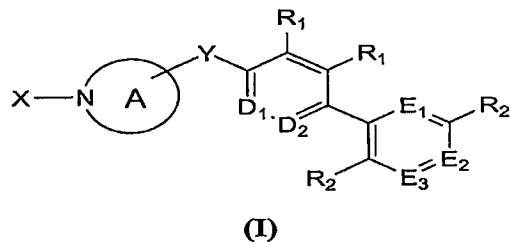
cada R_A es independientemente hidrógeno o alquilo, arilo, arilalquilo, alquilarilo, heterociclo, heterociclo-alquilo, o alquil-heterociclo opcionalmente sustituidos; y

cada R_B es independientemente hidrógeno o alquilo, arilo, arilalquilo, alquilarilo, heterociclo, heterociclo-alquilo, o alquil-heterociclo opcionalmente sustituidos.

 Industria y Comercio SUPERINTENDENCIA		SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO DIVISION DE NUEVAS CREACIONES EXTRACTO PARA PUBLICACIÓN SOLICITUD DE PATENTE DE INVENCION PCT	
(21) N° de solicitud: 07 117133 (22) Fecha de solicitud: 06-11-2007		(51) Int Cl: <i>A61K 31/506; C07D 239/42</i> <i>A61P 25/28</i> (71) Solicitante(s)	
(30) Prioridad (31) No. Prioridad 60/680,501	(32) Fecha 13-05-2005	(33) País US	(72) Inventor(es) Joseph BARBOSA, Li DONG, Cynthia Ann FINK, Jiancheng WANG, G. Gregory ZIPP (74) Agente: JUAN PABLO CADENA SARMIENTO
(85) Fecha inicio fase nacional: <i>13-12-2007</i> (86) Datos relativos a la presentación de la solicitud PCT Fecha de presentación de la solicitud: 12-05-2006 No. de solicitud: PCT/US2006/018682		(87) Publicación internacional Fecha: 23-11-2006 N° publicación: WO 2006/124748 A3	
(54) Título: COMPUESTOS MULTI-CÍCLICOS BASADOS EN PIPERAZINA Y PIPERIDINA COMO INHIBIDORES DE TRANSPORTADORES DE PROLINA Y COMPOSICIONES FARMACÉUTICAS QUE LOS COMPRENDEN			

(57) Reivindicación(es)

1. Un inhibidor específico del transportador de prolina de fórmula I:



o su sal o solvato farmacéuticamente aceptables, en donde:

- A es un heterociclo no aromático, opcionalmente sustituido;
- cada uno de D₁ y D₂ es independientemente N o CR₁;
- cada uno de E₁, E₂ y E₃ es independientemente N o CR₂;
- X es heteroarilo opcionalmente sustituido;
- Y es O, C(O), CH(OH), o CH₂;
- cada R₁ es independientemente hidrógeno, halógeno, ciano, R_A, OR_A, C(O)R_A, C(O)OR_A, C(O)N(R_AR_B), N(R_AR_B), o SO₂R_A;
- cada R₂ es independientemente hidrógeno, halógeno, ciano, R_A, OR_A, C(O)R_A, C(O)OR_A, C(O)N(R_AR_B), N(R_AR_B), o SO₂R_A;
- cada R_A es independientemente hidrógeno o alquilo, arilo, arilalquilo, alquilarilo, heterociclo, heterociclo-alquilo, o alquil-heterociclo opcionalmente sustituidos; y
- cada R_B es independientemente hidrógeno o alquilo, arilo, arilalquilo, alquilarilo, heterociclo, heterociclo-alquilo, o alquil-heterociclo opcionalmente sustituidos.

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO
DIVISION DE NUEVAS CREACIONES

207

PATENTE ☒ PCT/US2006 /018682 MODELO DE UTILIDAD ☐ DISEÑO INDUSTRIAL ☐

SOLICITANTE/S. RAZON SOCIAL O APELLIDOS Y NOMBRES LEXICON PHARMACEUTICALS, INC.

DOMICILIO THE WOODLANDS, TEXAS, ESTADOS UNIDOS DE AMERICA

APODERADO JUAN PABLO CADE NA SARMIENTO

TITULO COMPUESTOS MULTI-CICLICOS BASADOS EN PIPERAZINA Y PIPERIDINA COMO INHIBIDORES
DE TRANSPORTADORES DE PRO... CLASIFICACION

EXPEDIENTE No. 07 117133 FECHA DE SOLICITUD 06-11-2007 ROLLO MICROFILM

CERTIFICADO No. FECHA DE CONCESION VIGENCIA DESDE HASTA

PRORROGA CAMBIO DE NOMBRE

TRASPASO A

INVENTOR (ES) JOSEPH BARBOSA, LI DONG, CYNTHIA ANN FINK, JIANCHENG WANG, G.GREGORY ZIPP

OTROS



AS: 105325

208

The State of Texas

Secretary of State

APOSTILLE

(Convention de La Haye du 5 Octobre 1961)

1. Country: United States of America

This public document

2. has been signed by CATINA M COY

3. acting in the capacity of Notary Public, State of Texas

4. and bears the seal/stamp of CATINA M COY, Notary Public, State of Texas, Commission Expires: 09-25-11

CERTIFIED

5. at Austin, Texas

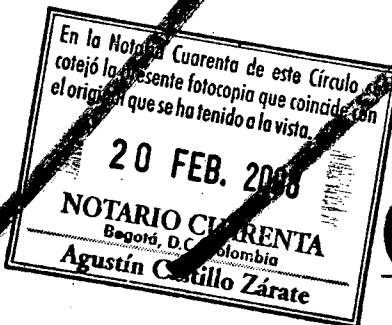
6. on November 14, 2007

7. by the Secretary of State of Texas

8. Certificate No. N-616886

9. Seal

10. Signature:



Phil Wilson

Phil Wilson
Secretary of State
ST/sjs

Brigard & Castro
BOGOTÁ - COLOMBIA

209

PODER**POWER OF ATTORNEY**

Yo (nosotros)

I (We) Lexicon Pharmaceuticals, Inc.

domiciliado(s) en

domiciled in The Woodlands, Texas

Nombro(amos) a: **JUAN PABLO CADENA SARMIENTO** y/o **CARLOS H. PALACIO EASTMAN** y/o **MARTIN E. TORRES CARDOZO**, de Bogotá, Colombia, apoderados verdaderos y legales con poder especial, amplio y suficiente, para recabar de las oficinas y autoridades colombianas administrativas, judiciales y de policía, en cualquier instancia o recurso, la obtención de patentes de invención, registros de marcas, diseños industriales, modelos de utilidad, depósitos de nombres comerciales, lemas comerciales y enseññas, registros de derechos de autor y contratos sobre los mismos, obtención de certificados de obtentor de variedades vegetales, así como sus prórrogas, renovaciones, anotaciones de traspaso, cambios de nombre, domicilio y/o dirección; elaborar, tramitar y registrar contratos de licencia y licencias de cualesquiera clases; intervenir como demandante o como demandado en cualquier instancia y recurso ante cualquier juez, corporación, funcionario público o autoridad en acciones judiciales, administrativas y de policía tales como: oposiciones al registro de marcas; acciones de caducidad, cancelación y nulidad; acciones reivindicatorias, acciones derivadas de la obtención o explotación de licencias; acciones de competencia desleal; demandas penales; acciones de indemnización de perjuicios, reclamos y observaciones a solicitudes de patentes, diseños industriales, modelos de utilidad, en el ejercicio de medidas cautelares y en otras acciones o medidas similares.

A este efecto, lo(s) faculto(amos) para elevar solicitudes, formular descripciones, enmiendas, protestas, declaraciones, oposiciones, cancelaciones, nulidades, apelaciones y reclamos; pagar impuestos, cuotas y gravámenes prescritos por la ley; renunciar o desistir a derechos concedidos o en curso de concesión; recibir toda clase de documentos y valores, dando el descargo respectivo, y, en general, para dar ante dichas autoridades todos los pasos necesarios al efecto indicado y tomar todas las medidas que creyeren conducentes al resguardo de mis (nuestros intereses), con todas las demás facultades legales necesarias.

Este poder comprende la facultad de ratificar o confirmar en mi (nuestro) nombre lo actuado así como la facultad de desistir, transigir, comprometer, y la de sustituirlo en todo o en parte y revocar sustituciones. Asimismo nombro(amos) a: **JUAN PABLO CADENA SARMIENTO** y/o **CARLOS H. PALACIO EASTMAN** y/o **MARTIN E. TORRES CARDOZO**, domiciliado(s) en la Carrera 7 No. 71-21, Torre B, Piso 4, mis (nuestros) apoderados en Colombia, con facultades para recibir notificaciones y designar apoderados judiciales o extrajudiciales.

Hereby appoints **JUAN PABLO CADENA SARMIENTO** and/or **CARLOS H. PALACIO EASTMAN** and/or **MARTIN E. TORRES CARDOZO**, of Bogotá, Colombia, my (our) true and lawful attorneys with special, ample and sufficient power to obtain from the Colombian administrative, judicial and police offices and authorities, in any instance, privileges of patents of invention, registration of trademarks, industrial designs and utility models; registration of commercial names, slogans and emblems, registration of copyright and contracts related thereto, certificates of obtainers of vegetables varieties, as well as extensions, renewals and recordal of assignments and changes of name, domicile and/or address related to the above; to prepare, prosecute and register licenses of any kind; to act as plaintiff or defendant in any instance or recourse, and before any judge, corporation, public official or authority in judicial, administrative and police actions, such as: oppositions to the registration of trademarks; caducity, cancellation and nullity actions; claim actions derived from the obtaining or exploitation of licenses, action of unfair competition; criminal proceedings, actions for payment of damages; claims or observations on patent applications, models, industrial designs and utility models; in the exercise of preventive measures and in other actions or similar proceedings.

To that effect they hereby empowered to file applications, formulate descriptions, amendments, protests, declarations, oppositions, cancellations, nullities, appeals and claims; to pay taxes, quotas and assessments prescribed by law, renounce or waive the rights granted or in the process of granting; to receive all kinds of documents and valuables, giving the respective release of receipt, and, in general, to take before said authorities the necessary steps to such effect, and any measures that they may deem pertinent to the safeguard of my (our) interest(s) with all the other necessary legal powers.

This power includes the faculty to ratify or confirm desist, settle and compromise on my (our) behalf, and to substitute this power in whole or in part and to revoke substitutions. At the same time I (We) hereby appoint **JUAN PABLO CADENA SARMIENTO** and/or **CARLOS H. PALACIO EASTMAN** and/or **MARTIN E. TORRES CARDOZO**, domiciled in Carrera 7 No. 71-21, Torre B, Piso 4, my (our) attorney(s) in fact, with powers to receive notifications and to designate judicial and extrajudicial attorneys.

Otorgado y firmado en

hoy de de 200_

Firma

Nombre
Cargo

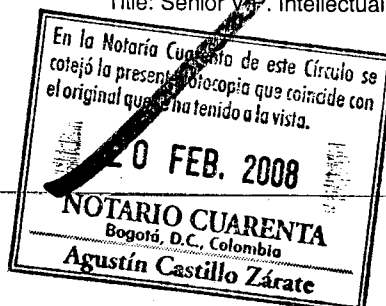
Granted and signed in

this 15 day October of 2007

Signature

Name: Lance K. Ishimoto

Title: Senior V.P. Intellectual Property



CERTIFICADO NOTARIAL (SOCIEDAD)

Hoy de de
personalmente compareció ante mí

a quien conozco, y de quien me consta que firmó el anterior documento, debidamente juramentado declaró y dijo que él (ella) es

de

Sociedad legalmente constituida para un período de duración que aún no ha terminado; que el declarante está autorizado por dicha compañía para conferir este poder; que el sello estampado por él al pie de tal poder, en nombre y representación de la expresada compañía, es el sello oficial de ella; y que el objeto para el cual se confiere este instrumento está comprendido dentro del objeto social de la sociedad.

El suscrito Notario hace constar que tuvo a la vista las pruebas de la existencia de la sociedad.

Estado de
con fecha

y que quien confiere el presente poder es su representante.

Notario Público (sello)

**CERTIFICADO NOTARIAL
PERSONA NATURAL**

Hoy de de , compareció(eron) ante mí

a quien (es) conozco y me consta que es(son) la(s) persona(s) firmante(s) del documento que precede y quien(es) declara(n) que otorgan el mismo para los fines y propósitos que en él se expresan.

Notario Público (sello)

LEGALIZACIÓN POR APOSTILLA ES REQUERIDA.

NOTARIAL CERTIFICATE (CORPORATION)

On this 15th day of October of 2007
personally appeared before me

Lance K. Ishimoto

to me known, and known to me to be the person who signed the foregoing instrument who being by me duly sworn did depose and say that he (she) is the

Senior V.P. Intellectual Property
of

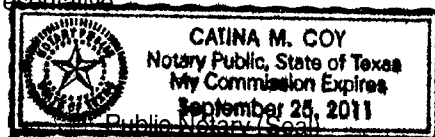
Lexicon Pharmaceuticals, Inc.

Which is legally constituted for a term not yet expired, that deponent is authorized by said Company to confer this Power of Attorney: that the seal affixed hereunto by the deponent in the name and on behalf of said Corporation is the corporate seal thereof; and that the purpose for which this instrument is granted is included within the corporate purpose of company.

The undersigned Notary Public attests that he has seen the documents that prove the existence of the company.

State of Texas
under date of 15 October 2007

and that he (she) who grants the present power of attorney is its Representative



Catina M. Coy

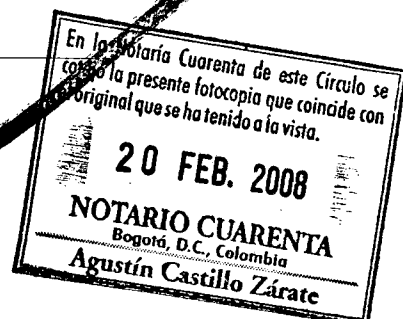
**NOTARIAL CERTIFICATE
NATURAL PERSON**

On this day of of
personally appeared before me

who is(are) known to me and who I attest executed the foregoing document and he (they) declared he (they) grant(s) the document for the uses and purposes therein expressed.

Notary Public (Seal)

LEGALIZATION BY APOSTILLE IS REQUIRED.



211

TRADUCCION AL ESPAÑOL del Documento de Poder otorgado por **LEXICON PHARMACEUTICALS, INC.**, con domicilio en The Woodlands, Texas, Estados Unidos de América.

**ESTADO DE TEXAS
SECRETARÍA DE ESTADO**

APOSTILLA

(Convención de La Haya del 5 de Octubre de 1961)

1. PAÍS: **ESTADOS UNIDOS DE AMERICA**
ESTE DOCUMENTO PÚBLICO
2. HA SIDO FIRMADO POR **CATINA M COY**
3. ACTUANDO EN CAPACIDAD DE **NOTARIO PUBLICO, ESTADO DE TEXAS**
4. LLEVA EL SELLO/TIMBRE DE **CATINA M COY, NOTARIO PÚBLICO, ESTADO DE TEXAS, COMISIÓN VENCE: 09-25-18**

CERTIFICADO

5. EN AUSTIN, TEXAS
6. EL 14 DE NOVIEMBRE DE 2007
7. POR EL SECRETARIO DE ESTADO DE TEXAS
8. CERTIFICADO NO. N-616886
9. SELLO
10. FIRMA

HAY UN SELLO QUE DICE:

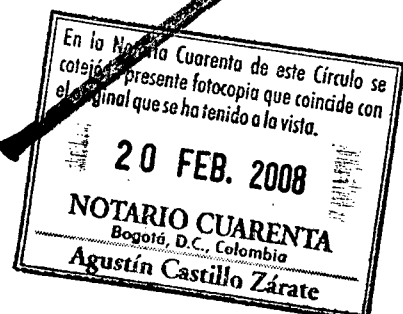
EL ESTADO DE TEXAS

Hay un sello que dice:

CATINA M COY
Notario Público, Estado de Texas
Mi Comisión Vence
Septiembre 25, 2011

(FIRMA)

PHIL WILSON
SECRETARIO DE ESTADO
ST/UJ





As. 105.375
1/5
212

The State of Texas

Secretary of State

APOSTILLE

(Convention de La Haye du 5 Octobre 1961)

1. Country: United States of America

This public document

2. has been signed by CATINA M COY

3. acting in the capacity of Notary Public, State of Texas

4. and bears the seal/stamp of CATINA M COY, Notary Public, State of Texas, Commission Expires: 09-25-11

CERTIFIED

5. at Austin, Texas

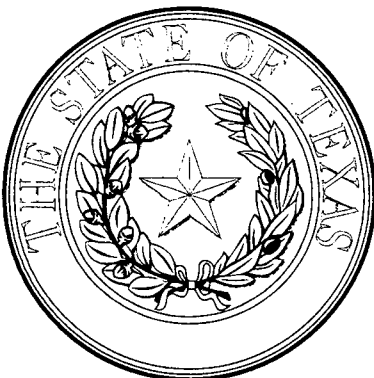
6. on January 30, 2008

7. by the Secretary of State of Texas

8. Certificate No. N-627206

9. Seal

10. Signature:



Phil Wilson

Phil Wilson
Secretary of State
ST/clk

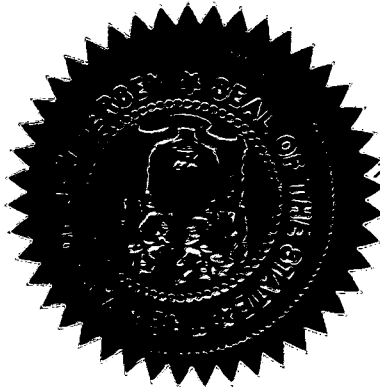
APOSTILLE

(CONVENTION DE LA HAYE DU 5 OCTOBRE 1961)

1. COUNTRY: UNITED STATES OF AMERICA
2. THIS PUBLIC DOCUMENT HAS BEEN SIGNED BY:
WENDY M DZBENSKI
3. ACTING IN THE CAPACITY OF:
NOTARY PUBLIC OF NEW JERSEY
4. BEARS THE SEAL/STAMP OF:
WENDY M DZBENSKI, NOTARY

CERTIFIED

5. AT TRENTON, NEW JERSEY
6. THE 8TH DAY OF JANUARY 2008
7. BY: Michellene Davis, NEW JERSEY TREASURER
8. NO. A313610
9. SEAL/STAMP:
10. SIGNATURE



Michellene Davis

DOCUMENT OF ASSIGNMENT OF
PATENT APPLICATION

ASSIGNMENT

DOCUMENTO DE TRASPASO DE
SOLICITUD DE PATENTE

CESION

The Undersigned
Joseph BARBOSA

acting as

Co-Inventor

of

60/680,501 (United States)

with domicile in

Lambertville, New Jersey

hereby declares that it assigns all rights of ownership as well as all rights and privileges relating thereto without exception over the following patent application in Colombia:

to

Lexicon Pharmaceuticals, Inc. (formerly known as Lexicon Genetics Incorporated)

domiciled in

The Woodlands, Texas

The assignor and the assignee sign this document as proof of their acceptance of the assignment.

Given and signed on the 12 day of December of 2007



Joseph Barbosa

Assignor



Lance K. Ishimoto

Assignee

El Suscrito

en calidad de

de

con domicilio en

declara por el presente documento que cede todos los derechos de propiedad que le correspondan, así como las prerrogativas, sin excepción alguna, sobre la siguiente solicitud de patente en Colombia:

a

domiciliada en

El cedente y el cesionario firman este documento como prueba de su aceptación de la cesión.

Dado y firmado a los _____ días del mes de _____ de 200_

Firma del Cedente

Firma del Cesionario

NOTARIAL CERTIFICATE (CORPORATION)

CERTIFICADO NOTARIAL (SOCIEDAD)

On this 2nd day of January of 2008 personally appeared before me
Lance K. Ishimoto

Hoy de de
personalmente compareció ante mí

to me known, and known to me to be the person who signed the foregoing instrument who being by me duly sworn did depose and say that he (she) is the

a quien conozco, y de quien me consta que firmó el anterior documento, debidamente juramentado declaró y dijo que él es

Senior V.P. Intellectual Property

de

of

Lexicon Pharmaceuticals, Inc. (formerly known as Lexicon Genetics Incorporated)

Sociedad legalmente constituida para un período de duración que aún no ha terminado; que el declarante está autorizado por dicha compañía para conferir este documento de Cesión; que el sello estampado por él al pie de tal Cesión, en nombre y representación de la expresada compañía, es el sello oficial de ella; y que el objeto para el cual se confiere este instrumento está comprendido dentro del de la sociedad.

Which is legally constituted for a term not yet expired, that deponent is authorized by said Company to confer this Assignment document: that the seal affixed hereunto by the deponent in the name and on behalf of said Corporation is the corporate seal thereof; and that the purpose for which this instrument is granted is included within the corporate purpose of company.

The undersigned Notary Public attests that he has seen the documents that prove the existence of the company.

El suscrito Notario hace constar que tuvo a la vista las pruebas de la existencia de la sociedad.

State of Texas
under date of

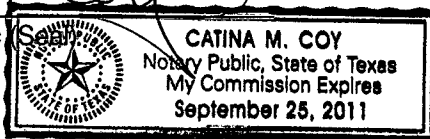
Estado de
con fecha

January 2, 2008
and that he (she) who grants the present Assignment document is its Representative.

y que quien confiere el presente documento de Cesión es su representante.

Catrina M. Coy

Notary Public



Notario Público (sello)

**NOTARIAL CERTIFICATE
NATURAL PERSON**

**CERTIFICADO NOTARIAL
PERSONA NATURAL**

On this 12 day of December of 2007 personally appeared before me

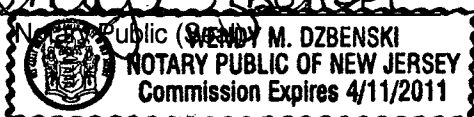
Hoy de de , compareció(eron)
ante mí

Joseph BARBOSA

who is(are) known to me and who I attest executed the foregoing document and he (they) declared he (they) grant(s) the document for the uses and purposes therein expressed.

a quien (es) conozco y me consta que es(son) la(s) persona(s) firmante(s) del documento que precede y quien(es) declara(n) que otorgan el mismo para los fines y propósitos que en él se expresan.

Wendy M. Dzenski



Notario Público (sello)

LEGALIZATION BY APOSTILLE IS REQUIRED.

LEGALIZACION POR APOSTILLA ES REQUERIDA.

TRADUCCIÓN AL ESPAÑOL del documento de cesión a **LEXICON**
PHARMACEUTICALS, INC., firmado por los cedentes y el cesionario.

B
2/6

ESTADO DE TEXAS
SECRETARÍA DE ESTADO

APOSTILLA

(Convención de La Haya del 5 de Octubre de 1961)

1. PAÍS: **ESTADOS UNIDOS DE AMERICA**
ESTE DOCUMENTO PÚBLICO
2. HA SIDO FIRMADO POR **CATINA M COY**
3. ACTUANDO EN CAPACIDAD DE **NOTARIO PUBLICO, ESTADO DE TEXAS**
4. LLEVA EL SELLO/TIMBRE DE **CATINA M COY, NOTARIO PÚBLICO, ESTADO DE TEXAS, COMISIÓN VENCE: 09-25-11**

CERTIFICADO

5. EN AUSTIN, TEXAS
6. EL 30 DE ENERO DE 2008
7. POR EL SECRETARIO DE ESTADO DE TEXAS
8. CERTIFICADO NO. N-627206
9. SELLO
10. FIRMA

HAY UN SELLO QUE DICE:

EL ESTADO DE TEXAS

(FIRMA)

PHIL WILSON
SECRETARIO DE ESTADO
ST/cjk

Hay un sello que dice:

CATINA M COY
Notario Público, Estado de Texas
Mi Comisión Vence
Septiembre 25, 2011

W
217

APOSTILLA

(CONVENCIÓN DE LA HAYA DEL 5 DE JULIO DE 1961)

1. PAÍS: ESTADOS UNIDOS DE AMERICA
2. ESTE DOCUMENTO PÚBLICO HA SIDO FIRMADO POR:
WENDY M DZBENSKI
3. ACTUANDO EN CAPACIDAD DE:
NOTARIO PÚBLICO DE NUEVA JERSEY
4. LLEVA EL SELLO/TIMBRE DE:
WENDY M DZBENSKI, NOTARIO

CERTIFICADO

5. EN TRENTON, NUEVA JERSEY
6. EL 8 DE ENERO DE 2008
7. POR: MICHELLENE DAVIS, TESORERO DE NUEVA JERSEY
8. NO. A313610
9. SELLO/TIMBRE
10. FIRMA

(FIRMA)

Hay un sello que dice:

WENDY M. DZBENSKI
NOTARIO PÚBLICO DE NUEVA JERSEY
Comisión Vence 4/11/2011



75. 105.375
2/5
15
218

The State of Texas

Secretary of State

APOSTILLE

(Convention de La Haye du 5 Octobre 1961)

1. Country: United States of America
2. This public document has been signed by CATINA M COY
3. acting in the capacity of Notary Public, State of Texas
4. and bears the seal/stamp of CATINA M COY, Notary Public, State of Texas, Commission Expires: 09-25-11

CERTIFIED

5. at Austin, Texas
6. on January 30, 2008
7. by the Secretary of State of Texas
8. Certificate No. N-627204
9. Seal
10. Signature:



Phil Wilson

Phil Wilson
Secretary of State
ST/clk

APOSTILLE

(CONVENTION DE LA HAYE DU 5 OCTOBRE 1961)

1. COUNTRY: UNITED STATES OF AMERICA
2. THIS PUBLIC DOCUMENT HAS BEEN SIGNED BY:
PHYLLIS H WARDEN
3. ACTING IN THE CAPACITY OF:
NOTARY PUBLIC OF NEW JERSEY
4. BEARS THE SEAL/STAMP OF:
PHYLLIS H WARDEN, NOTARY

CERTIFIED

5. AT TRENTON, NEW JERSEY
6. THE 8TH DAY OF JANUARY 2008
7. BY: Michellene Davis, NEW JERSEY TREASURER
8. NO. A313611
9. SEAL/STAMP:
10. SIGNATURE



Michellene Davis

**DOCUMENT OF ASSIGNMENT OF
PATENT APPLICATION**

ASSIGNMENT

The Undersigned

Li DONG

acting as

Co-Inventor

of

60/680,501 (United States)

with domicile in

Lawrenceville, New Jersey

hereby declares that it assigns all rights of ownership as well as all rights and privileges relating thereto without exception over the following patent application in Colombia:

to

Lexicon Pharmaceuticals, Inc. (formerly known as Lexicon Genetics Incorporated)

domiciled in

The Woodlands, Texas

The assignor and the assignee sign this document as proof of their acceptance of the assignment.

Given and signed on the ____ day of _____ of 2007



Li Dong
Assignor



Lance K. Ishimoto
Assignee

**DOCUMENTO DE TRASPASO DE
SOLICITUD DE PATENTE**

CESION

El Suscrito

en calidad de

de

con domicilio en

declara por el presente documento que cede todos los derechos de propiedad que le correspondan, así como las prerrogativas, sin excepción alguna, sobre la siguiente solicitud de patente en Colombia:

a

domiciliada en

El cedente y el cesionario firman este documento como prueba de su aceptación de la cesión.

Dado y firmado a los ____ días del mes de ____ de 200__

Firma del Cedente

Firma del Cesionario

NOTARIAL CERTIFICATE (CORPORATION)

CERTIFICADO NOTARIAL (SOCIEDAD)

921

On this 2nd day of January of 2008 personally appeared before me **Lance K. Ishimoto**

Hoy de personalmente compareció ante mí

to me known, and known to me to be the person who signed the foregoing instrument who being by me duly sworn did depose and say that he (she) is the **Senior V.P. Intellectual Property**

a quien conozco, y de quien me consta que firmó el anterior documento, debidamente juramentado declaró y dijo que él es

of **Lexicon Pharmaceuticals, Inc. (formerly known as Lexicon Genetics Incorporated)**

de

Which is legally constituted for a term not yet expired, that deponent is authorized by said Company to confer this Assignment document: that the seal affixed hereunto by the deponent in the name and on behalf of said Corporation is the corporate seal thereof; and that the purpose for which this instrument is granted is included within the corporate purpose of company.

Sociedad legalmente constituida para un período de duración que aún no ha terminado; que el declarante está autorizado por dicha compañía para conferir este documento de Cesión; que el sello estampado por él al pie de tal Cesión, en nombre y representación de la expresada compañía, es el sello oficial de ella; y que el objeto para el cual se confiere este instrumento está comprendido dentro del de la sociedad.

The undersigned Notary Public attests that he has seen the documents that prove the existence of the company.

El suscrito Notario hace constar que tuvo a la vista las pruebas de la existencia de la sociedad.

State of Texas under date of

Estado de con fecha

January 2, 2008

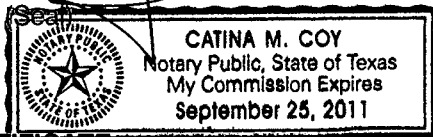
and that he (she) who grants the present Assignment document is its Representative.

y que quien confiere el presente documento de Cesión es su representante.

Catrina M. Coy

Notary Public (Seal)

Notario Público (sello)



NOTARIAL CERTIFICATE
NATURAL PERSON

CERTIFICADO NOTARIAL
PERSONA NATURAL

On this 19th day of December of 2007 personally appeared before me

Hoy de de , compareció(eron) ante mí

LI DONG

who is(are) known to me and who I attest executed the foregoing document and he (they) declared he (they) grant(s) the document for the uses and purposes therein expressed.

a quien (es) conozco y me consta que es(son) la(s) persona(s) firmante(s) del documento que precede y quien(es) declara(n) que otorgan el mismo para los fines y propósitos que en él se expresan.

Phyllis H. Warden

Notary Public (Seal)

Notario Público (sello)

Phyllis H. Warden
Notary Public
State of New Jersey
County of Middlesex
License No. 2205050
Commission Expires: 9/18/12

LEGALIZATION BY APOSTILLE IS REQUIRED.

LEGALIZACION POR APOSTILLA ES REQUERIDA.

h
927

TRADUCCIÓN AL ESPAÑOL del documento de cesión a **LEXICON
PHARMACEUTICALS, INC.**, firmado por los cedentes y el cesionario.

**ESTADO DE TEXAS
SECRETARÍA DE ESTADO**

APOSTILLA

(Convención de La Haya del 5 de Octubre de 1961)

1. PAÍS: **ESTADOS UNIDOS DE AMERICA**
ESTE DOCUMENTO PÚBLICO
2. HA SIDO FIRMADO POR **CATINA M COY**
3. ACTUANDO EN CAPACIDAD DE **NOTARIO PUBLICO, ESTADO DE
TEXAS**
4. LLEVA EL SELLO/TIMBRE DE **CATINA M COY, NOTARIO PÚBLICO,
ESTADO DE TEXAS, COMISIÓN VENCE: 09-25-11**

CERTIFICADO

- | | |
|---|---------------------------|
| 5. EN AUSTIN, TEXAS | 6. EL 30 DE ENERO DE 2008 |
| 7. POR EL SECRETARIO DE ESTADO DE TEXAS | |
| 8. CERTIFICADO NO. N-627204 | |
| 9. SELLO | 10. FIRMA |

HAY UN SELLO QUE DICE:

EL ESTADO DE TEXAS

(FIRMA)

PHIL WILSON
SECRETARIO DE ESTADO
ST/cjk

Hay un sello que dice:

CATINA M COY
Notario Público, Estado de Texas
Mi Comisión Vence
Septiembre 25, 2011

20
223

APOSTILLA

(CONVENCIÓN DE LA HAYA DEL 5 DE JULIO DE 1961)

1. PAÍS: ESTADOS UNIDOS DE AMERICA
2. ESTE DOCUMENTO PÚBLICO HA SIDO FIRMADO POR:
PHYLLIS H WARDEN
3. ACTUANDO EN CAPACIDAD DE:
NOTARIO PÚBLICO DE NUEVA JERSEY
4. LLEVA EL SELLO/TIMBRE DE:
PHYLLIS H WARDEN, NOTARIO

CERTIFICADO

5. EN TRENTON, NUEVA JERSEY
6. EL 8 DE ENERO DE 2008
7. POR: MICHELLENE DAVIS, TESORERO DE NUEVA JERSEY
8. NO. A313611
9. SELLO/TIMBRE
10. FIRMA

(FIRMA)

Hay un sello que dice:

PHYLLIS H WARDEN
NOTARIO PÚBLICO
ESTADO DE NUEVA JERSEY
Condado de Middlesex
Licencia No. 2205650
Comisión Vence 9/18/12



As. 105-375
3/5
21 224

The State of Texas

Secretary of State

APOSTILLE

(Convention de La Haye du 5 Octobre 1961)

1. Country: United States of America

This public document

2. has been signed by CATINA M COY

3. acting in the capacity of Notary Public, State of Texas

4. and bears the seal/stamp of CATINA M COY, Notary Public, State of Texas, Commission Expires: 09-25-11

CERTIFIED

5. at Austin, Texas

6. on March 11, 2008

7. by the Secretary of State of Texas

8. Certificate No. N-634014

9. Seal

10. Signature:



Phil Wilson

Phil Wilson
Secretary of State
ST/clk

82 725

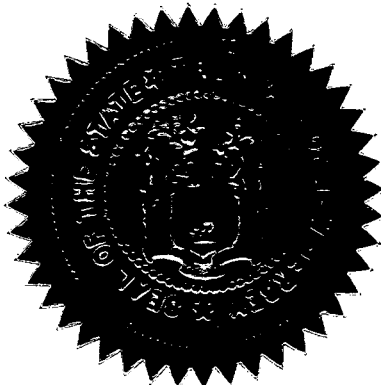
APOSTILLE

(CONVENTION DE LA HAYE DU 5 OCTOBRE 1961)

1. COUNTRY: UNITED STATES OF AMERICA
2. THIS PUBLIC DOCUMENT HAS BEEN SIGNED BY:
ANTHONY MICHAEL PETROZELLI
3. ACTING IN THE CAPACITY OF:
NOTARY PUBLIC OF NEW JERSEY
4. BEARS THE SEAL/STAMP OF:
ANTHONY MICHAEL PETROZELLI, NOTARY

CERTIFIED

5. AT TRENTON, NEW JERSEY
6. THE 29TH DAY OF FEBRUARY 2008
7. BY: R. David Rousseau, NEW JERSEY TREASURER
8. NO. A319082
9. SEAL/STAMP:
10. SIGNATURE



A handwritten signature in black ink, appearing to read "R. David Rousseau", written over a horizontal line.

**DOCUMENT OF ASSIGNMENT OF
PATENT APPLICATION**

ASSIGNMENT

The Undersigned
Cynthia Anne FINK
acting as
Inventor
of
60/680,501 (United States)
with domicile in
Lebanon, New Jersey

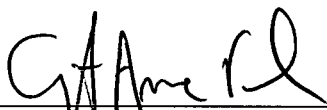
hereby declares that it assigns all rights of ownership as well as all rights and privileges relating thereto without exception over the following patent application in Colombia:

to
Lexicon Pharmaceuticals, Inc. (formerly known as Lexicon Genetics Incorporated)

domiciled in
The Woodlands, Texas

The assignor and the assignee sign this document as proof of their acceptance of the assignment.

Given and signed on the 23 day of
February of 2008



Cynthia Anne Fink
Assignor



Lance K. Ishimoto
Assignee

**DOCUMENTO DE TRASPASO DE
SOLICITUD DE PATENTE**

CESION

El Suscrito
en calidad de
de
con domicilio en

declara por el presente documento que cede todos los derechos de propiedad que le correspondan, así como las prerrogativas, sin excepción alguna, sobre la siguiente solicitud de patente en Colombia:

a

domiciliada en

El cedente y el cesionario firman este documento como prueba de su aceptación de la cesión.

Dado y firmado a los _____ días del mes de
de 200_

Firma del Cedente

Firma del Cesionario

NOTARIAL CERTIFICATE (CORPORATION)

CERTIFICADO NOTARIAL (SOCIEDAD)

On this 27th day of February of 2008 personally appeared before me **Lance K. Ishimoto**

Hoy de personalmente compareció ante mí

to me known, and known to me to be the person who signed the foregoing instrument who being by me duly sworn did depose and say that he (she) is the **Senior V.P. Intellectual Property**

a quien conozco, y de quien me consta que firmó el anterior documento, debidamente juramentado declaró y dijo que él es

of **Lexicon Pharmaceuticals, Inc. (formerly known as Lexicon Genetics Incorporated)**

de

Which is legally constituted for a term not yet expired, that deponent is authorized by said Company to confer this Assignment document: that the seal affixed hereunto by the deponent in the name and on behalf of said Corporation is the corporate seal thereof; and that the purpose for which this instrument is granted is included within the corporate purpose of company.

Sociedad legalmente constituida para un período de duración que aún no ha terminado; que el declarante está autorizado por dicha compañía para conferir este documento de Cesión; que el sello estampado por él al pie de tal Cesión, en nombre y representación de la expresada compañía, es el sello oficial de ella; y que el objeto para el cual se confiere este instrumento está comprendido dentro del de la sociedad.

The undersigned Notary Public attests that he has seen the documents that prove the existence of the company.

El suscrito Notario hace constar que tuvo a la vista las pruebas de la existencia de la sociedad.

State of Texas

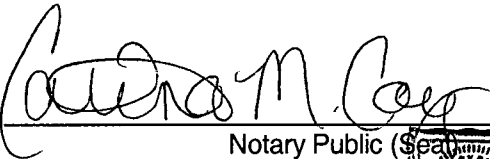
Estado de con fecha

under date of

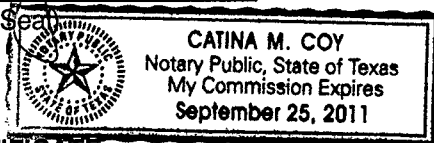
February 27, 2008

and that he (she) who grants the present Assignment document is its Representative.

y que quien confiere el presente documento de Cesión es su representante.



Notary Public (Seal)



Notario Público (sello)

**NOTARIAL CERTIFICATE
NATURAL PERSON**

**CERTIFICADO NOTARIAL
PERSONA NATURAL**

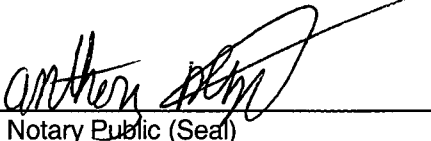
On this 23rd day of February of 2008 personally appeared before me

Hoy de de , compareció(eron) ante mí

Cynthia Anne FINK

who is(are) known to me and who I attest executed the foregoing document and he (they) declared he (they) grant(s) the document for the uses and purposes therein expressed.

a quien (es) conozco y me consta que es(son) la(s) persona(s) firmante(s) del documento que precede y quien(es) declara(n) que otorgan el mismo para los fines y propósitos que en él se expresan.


Notary Public (Seal)

Notario Público (sello)

LEGALIZATION BY APOSTILLE IS REQUIRED.

**ANTHONY PETROZELLI
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 2/16/2012**

LEGALIZACION POR APOSTILLA ES REQUERIDA.

TRADUCCIÓN AL ESPAÑOL del documento de cesión a **LEXICON**
PHARMACEUTICALS, INC., firmado por los cedentes y el cesionario.

ESTADO DE TEXAS
SECRETARÍA DE ESTADO

APOSTILLA

(Convención de La Haya del 5 de Octubre de 1961)

1. PAÍS: **ESTADOS UNIDOS DE AMERICA**
ESTE DOCUMENTO PÚBLICO
2. HA SIDO FIRMADO POR **CATINA M COY**
3. ACTUANDO EN CAPACIDAD DE **NOTARIO PUBLICO, ESTADO DE TEXAS**
4. LLEVA EL SELLO/TIMBRE DE **CATINA M COY, NOTARIO PÚBLICO, ESTADO DE TEXAS, COMISIÓN VENCE: 09-25-11**

CERTIFICADO

5. EN AUSTIN, TEXAS
6. EL 11 DE MARZO, 2008
7. POR EL SECRETARIO DE ESTADO DE TEXAS
8. CERTIFICADO NO. N-634014
9. SELLO
10. FIRMA

HAY UN SELLO QUE DICE:

EL ESTADO DE TEXAS

(FIRMA)

PHIL WILSON
SECRETARIO DE ESTADO
ST/cjk

Hay un sello que dice:

CATINA M COY
Notario Público, Estado de Texas
Mi Comisión Vence
Septiembre 25, 2011

APOSTILLA

(CONVENCIÓN DE LA HAYA DEL 5 DE JULIO DE 1961)

1. PAÍS: ESTADOS UNIDOS DE AMERICA
2. ESTE DOCUMENTO PÚBLICO HA SIDO FIRMADO POR:
ANTHONY MICHAEL PETROZELLI
3. ACTUANDO EN CAPACIDAD DE:
NOTARIO PÚBLICO DE NUEVA JERSEY
4. LLEVA EL SELLO/TIMBRE DE:
ANTHONY MICHAEL PETROZELLI, NOTARIO

CERTIFICADO

5. EN TRENTON, NUEVA JERSEY
6. EL 29 DE FEBRERO DE 2008
7. POR: R. DAVID ROUSSEAU, TESORERO DE NUEVA JERSEY
8. NO. A319082
9. SELLO/TIMBRE
10. FIRMA

(FIRMA)

Hay un sello que dice:

ANTHONY PETROZELLI
NOTARIO PÚBLICO DE NUEVA JERSEY
Comisión Vence 2/16/2012



As. 105-375

4/5

2A 230

The State of Texas

Secretary of State

APOSTILLE

(Convention de La Haye du 5 Octobre 1961)

1. Country: United States of America
2. This public document has been signed by TIFFANI S CROSS
3. acting in the capacity of Notary Public, State of Texas
4. and bears the seal/stamp of TIFFANI S CROSS, Notary Public, State of Texas, Commission Expires: 01-08-11

CERTIFIED

5. at Austin, Texas
6. on January 30, 2008
7. by the Secretary of State of Texas
8. Certificate No. N-627208
9. Seal
10. Signature:



Phil Wilson

Phil Wilson
Secretary of State
ST/clk



2# 231

The State of Texas

Secretary of State

APOSTILLE

(Convention de La Haye du 5 Octobre 1961)

1. Country: United States of America

This public document

2. has been signed by CATINA M COY

3. acting in the capacity of Notary Public, State of Texas

4. and bears the seal/stamp of CATINA M COY, Notary Public, State of Texas, Commission Expires: 09-25-11

CERTIFIED

5. at Austin, Texas

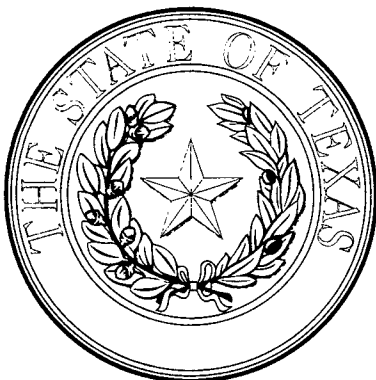
6. on January 30, 2008

7. by the Secretary of State of Texas

8. Certificate No. N-627203

9. Seal

10. Signature:



Phil Wilson

Phil Wilson
Secretary of State
ST/clk

DOCUMENT OF ASSIGNMENT OF
PATENT APPLICATION

ASSIGNMENT

The Undersigned
Jiancheng WANG
acting as
Inventor
of
60/680,501 (United States)
with domicile in
Addison, Texas

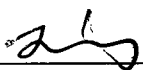
hereby declares that it assigns all rights of ownership as well as all rights and privileges relating thereto without exception over the following patent application in Colombia:

to
Lexicon Pharmaceuticals, Inc. (formerly known as Lexicon Genetics Incorporated)

domiciled in
The Woodlands, Texas

The assignor and the assignee sign this document as proof of their acceptance of the assignment.

Given and signed on the _____ day of _____ of 2007



Jiancheng Wang
Assignor



Lance K. Ishimoto
Assignee

DOCUMENTO DE TRASPASO DE
SOLICITUD DE PATENTE

CESION

El Suscrito
en calidad de
de
con domicilio en

declara por el presente documento que cede todos los derechos de propiedad que le correspondan, así como las prerrogativas, sin excepción alguna, sobre la siguiente solicitud de patente en Colombia:

a

domiciliada en

El cedente y el cesionario firman este documento como prueba de su aceptación de la cesión.

Dado y firmado a los _____ días del mes de _____ de 200_

Firma del Cedente

Firma del Cesionario

NOTARIAL CERTIFICATE (CORPORATION)

CERTIFICADO NOTARIAL (SOCIEDAD)

On this 2nd day of January of 2008 personally appeared before me

Lance K. Ishimoto

to me known, and known to me to be the person who signed the foregoing instrument who being by me duly sworn did depose and say that he (she) is the

Senior V.P. Intellectual Property

of

Lexicon Pharmaceuticals, Inc. (formerly known as Lexicon Genetics Incorporated)

Which is legally constituted for a term not yet expired, that deponent is authorized by said Company to confer this Assignment document: that the seal affixed hereunto by the deponent in the name and on behalf of said Corporation is the corporate seal thereof; and that the purpose for which this instrument is granted is included within the corporate purpose of company.

The undersigned Notary Public attests that he has seen the documents that prove the existence of the company.

State of Texas

under date of

January 2, 2008

and that he (she) who grants the present Assignment document is its Representative.

Catina M. Coy

Notary Public (Seal)



NOTARIAL CERTIFICATE
NATURAL PERSON

Hoy de de
personalmente compareció ante mí

a quien conozco, y de quien me consta que firmó el anterior documento, debidamente juramentado declaró y dijo que él es

de

Sociedad legalmente constituida para un período de duración que aún no ha terminado; que el declarante está autorizado por dicha compañía para conferir este documento de Cesión; que el sello estampado por él al pie de tal Cesión, en nombre y representación de la expresada compañía, es el sello oficial de ella; y que el objeto para el cual se confiere este instrumento está comprendido dentro del de la sociedad.

El suscrito Notario hace constar que tuvo a la vista las pruebas de la existencia de la sociedad.

Estado de
con fecha

y que quien confiere el presente documento de Cesión es su representante.

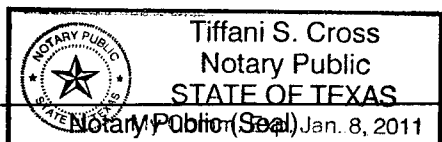
Notario Público (sello)

CERTIFICADO NOTARIAL
PERSONA NATURAL

On this 18th day of December of 2007 personally appeared before me

Jiancheng WANG

who is(are) known to me and who I attest executed the foregoing document and he (they) declared he (they) grant(s) the document for the uses and purposes therein expressed.



Tiffani S. Cross

LEGALIZATION BY APOSTILLE IS REQUIRED.

Hoy de de , compareció(eron)
ante mí

a quien (es) conozco y me consta que es(son) la(s) persona(s) firmante(s) del documento que precede y quien(es) declara(n) que otorgan el mismo para los fines y propósitos que en él se expresan.

Notario Público (sello)

LEGALIZACION POR APOSTILLA ES REQUERIDA.

31 234

TRADUCCIÓN AL ESPAÑOL del documento de cesión a **LEXICON**
PHARMACEUTICALS, INC., firmado por los cedentes y el cesionario.

**ESTADO DE TEXAS
SECRETARÍA DE ESTADO**

APOSTILLA

(Convención de La Haya del 5 de Octubre de 1961)

1. **PAÍS: ESTADOS UNIDOS DE AMERICA**
ESTE DOCUMENTO PÚBLICO
2. **HA SIDO FIRMADO POR TIFFANI S CROSS**
3. **ACTUANDO EN CAPACIDAD DE NOTARIO PUBLICO, ESTADO DE TEXAS**
4. **LLEVA EL SELLO/TIMBRE DE TIFFANI S CROSS, NOTARIO PÚBLICO, ESTADO DE TEXAS, COMISIÓN VENCE: 01-08-11**

CERTIFICADO

- | | |
|--|----------------------------------|
| 5. EN AUSTIN, TEXAS | 6. EL 30 DE ENERO DE 2008 |
| 7. POR EL SECRETARIO DE ESTADO DE TEXAS | |
| 8. CERTIFICADO NO. N-627208 | |
| 9. SELLO | 10. FIRMA |

HAY UN SELLO QUE DICE:

EL ESTADO DE TEXAS

(FIRMA)

**PHIL WILSON
SECRETARIO DE ESTADO
ST/cjk**

Hay un sello que dice:

**TIFFANI S CROSS
Notario Público
ESTADO DE TEXAS
Comisión Vence Ene. 8, 2011**

92
975

ESTADO DE TEXAS
SECRETARÍA DE ESTADO

APOSTILLA
(Convención de La Haya del 5 de Octubre de 1961)

1. PAÍS: **ESTADOS UNIDOS DE AMERICA**
ESTE DOCUMENTO PÚBLICO
2. HA SIDO FIRMADO POR **CATINA M COY**
3. ACTUANDO EN CAPACIDAD DE **NOTARIO PUBLICO, ESTADO DE TEXAS**
4. LLEVA EL SELLO/TIMBRE DE **CATINA M COY, NOTARIO PÚBLICO, ESTADO DE TEXAS, COMISIÓN VENCE: 09-25-11**

CERTIFICADO

5. EN AUSTIN, TEXAS
6. EL 30 DE ENERO, 2008
7. POR EL SECRETARIO DE ESTADO DE TEXAS
8. CERTIFICADO NO. N-627203
9. SELLO
10. FIRMA

HAY UN SELLO QUE DICE:

EL ESTADO DE TEXAS

(FIRMA)

PHIL WILSON
SECRETARIO DE ESTADO
ST/cjk

Hay un sello que dice:

CATINA M COY
Notario Público, Estado de Texas
Mi Comisión Vence
Septiembre 25, 2011



Ag. 105.375
S/S
32
236

The State of Texas

Secretary of State

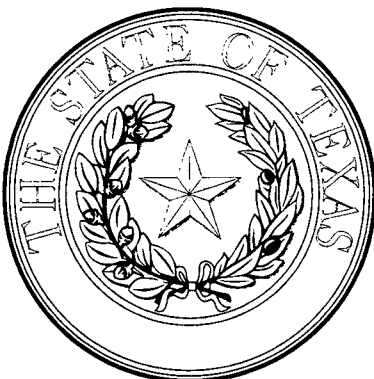
APOSTILLE

(Convention de La Haye du 5 Octobre 1961)

1. Country: United States of America
2. This public document has been signed by CATINA M COY
3. acting in the capacity of Notary Public, State of Texas
4. and bears the seal/stamp of CATINA M COY, Notary Public, State of Texas, Commission Expires: 09-25-11

CERTIFIED

5. at Austin, Texas
6. on January 30, 2008
7. by the Secretary of State of Texas
8. Certificate No. N-627205
9. Seal
10. Signature:



Phil Wilson

Phil Wilson
Secretary of State
ST/clk

34 237

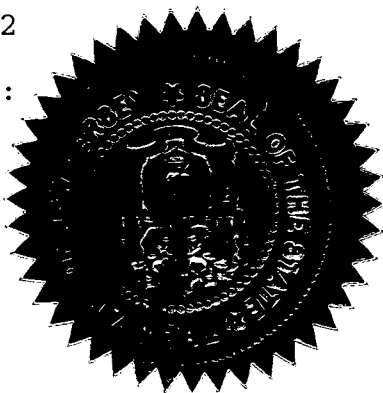
APOSTILLE

(CONVENTION DE LA HAYE DU 5 OCTOBRE 1961)

1. COUNTRY: UNITED STATES OF AMERICA
2. THIS PUBLIC DOCUMENT HAS BEEN SIGNED BY:
WENDY M DZBENSKI
3. ACTING IN THE CAPACITY OF:
NOTARY PUBLIC OF NEW JERSEY
4. BEARS THE SEAL/STAMP OF:
WENDY M DZBENSKI, NOTARY

CERTIFIED

5. AT TRENTON, NEW JERSEY
6. THE 8TH DAY OF JANUARY 2008
7. BY: Michellene Davis, NEW JERSEY TREASURER
8. NO. A313612
9. SEAL/STAMP:
10. SIGNATURE



Michellene Davis

DOCUMENT OF ASSIGNMENT OF
PATENT APPLICATION

ASSIGNMENT

DOCUMENTO DE TRASPASO DE
SOLICITUD DE PATENTE

CESION

The Undersigned

G. Gregory ZIPP

acting as

Inventor

of

60/680,501 (United States)

with domicile in

Robbinsville, New Jersey

hereby declares that it assigns all rights of ownership as well as all rights and privileges relating thereto without exception over the following patent application in Colombia:

to

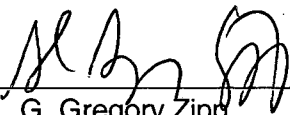
Lexicon Pharmaceuticals, Inc. (formerly known as Lexicon Genetics Incorporated)

domiciled in

The Woodlands, Texas

The assignor and the assignee sign this document as proof of their acceptance of the assignment.

Given and signed on the 12th day of December of 2007



G. Gregory Zipp
Assignor



Lance K. Ishimoto
Assignee

El Suscrito

en calidad de

de

con domicilio en

declara por el presente documento que cede todos los derechos de propiedad que le correspondan, así como las prerrogativas, sin excepción alguna, sobre la siguiente solicitud de patente en Colombia:

a

domiciliada en

El cedente y el cesionario firman este documento como prueba de su aceptación de la cesión.

Dado y firmado a los _____ días del mes de _____ de 200_

Firma del Cedente

Firma del Cesionario

NOTARIAL CERTIFICATE (CORPORATION)

CERTIFICADO NOTARIAL (SOCIEDAD)

36
739

On this 2nd day of January of 2008 personally appeared before me
Lance K. Ishimoto

Hoy de
personalmente compareció ante mí

to me known, and known to me to be the person who signed the foregoing instrument who being by me duly sworn did depose and say that he (she) is the

a quien conozco, y de quien me consta que firmó el anterior documento, debidamente juramentado declaró y dijo que él es

Senior V.P. Intellectual Property

de

of

Lexicon Pharmaceuticals, Inc. (formerly known as Lexicon Genetics Incorporated)

Sociedad legalmente constituida para un período de duración que aún no ha terminado; que el declarante está autorizado por dicha compañía para conferir este documento de Cesión; que el sello estampado por él al pie de tal Cesión, en nombre y representación de la expresada compañía, es el sello oficial de ella; y que el objeto para el cual se confiere este instrumento está comprendido dentro del de la sociedad.

Which is legally constituted for a term not yet expired, that deponent is authorized by said Company to confer this Assignment document: that the seal affixed hereunto by the deponent in the name and on behalf of said Corporation is the corporate seal thereof; and that the purpose for which this instrument is granted is included within the corporate purpose of company.

The undersigned Notary Public attests that he has seen the documents that prove the existence of the company.

El suscrito Notario hace constar que tuvo a la vista las pruebas de la existencia de la sociedad.

State of Texas
under date of

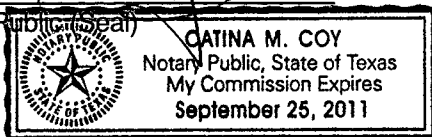
Estado de
con fecha

January 2nd, 2008
and that he (she) who grants the present Assignment document is its Representative.

y que quien confiere el presente documento de Cesión es su representante.

Catrina M. Coy

Notary Public (Seal)



Notario Público (sello)

**NOTARIAL CERTIFICATE
NATURAL PERSON**

**CERTIFICADO NOTARIAL
PERSONA NATURAL**

On this 12 day of December of 2007 personally appeared before me

Hoy de de , compareció(eron) ante mí

G. Gregory ZIPP

who is(are) known to me and who I attest executed the foregoing document and he (they) declared he (they) grant(s) the document for the uses and purposes therein expressed.

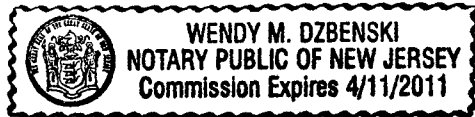
a quien (es) conozco y me consta que es(son) la(s) persona(s) firmante(s) del documento que precede y quien(es) declara(n) que otorgan el mismo para los fines y propósitos que en él se expresan.

Wendy M. Dzenski
Notary Public (Seal)

Notario Público (sello)

LEGALIZATION BY APOSTILLE IS REQUIRED.

LEGALIZACION POR APOSTILLA ES REQUERIDA.



37
270
TRADUCCIÓN AL ESPAÑOL del documento de cesión a LEXICON
PHARMACEUTICALS, INC., firmado por los cedentes y el cesionario.

ESTADO DE TEXAS
SECRETARÍA DE ESTADO

APOSTILLA

(Convención de La Haya del 5 de Octubre de 1961)

1. PAÍS: **ESTADOS UNIDOS DE AMERICA**
ESTE DOCUMENTO PÚBLICO
2. HA SIDO FIRMADO POR **CATINA M COY**
3. ACTUANDO EN CAPACIDAD DE **NOTARIO PUBLICO, ESTADO DE TEXAS**
4. LLEVA EL SELLO/TIMBRE DE **CATINA M COY, NOTARIO PÚBLICO, ESTADO DE TEXAS, COMISIÓN VENCE: 09-25-11**

CERTIFICADO

5. EN AUSTIN, TEXAS
6. EL 30 DE ENERO DE 2008
7. POR EL SECRETARIO DE ESTADO DE TEXAS
8. CERTIFICADO NO. N-627205
9. SELLO
10. FIRMA

HAY UN SELLO QUE DICE:

EL ESTADO DE TEXAS

(FIRMA)

PHIL WILSON
SECRETARIO DE ESTADO
ST/cjk

Hay un sello que dice:

CATINA M COY
Notario Público, Estado de Texas
Mi Comisión Vence
Septiembre 25, 2011

38

241

APOSTILLA

(CONVENCIÓN DE LA HAYA DEL 5 DE JULIO DE 1961)

1. PAÍS: ESTADOS UNIDOS DE AMERICA
2. ESTE DOCUMENTO PÚBLICO HA SIDO FIRMADO POR:
WENDY M DZBENSKI
3. ACTUANDO EN CAPACIDAD DE:
NOTARIO PÚBLICO DE NUEVA JERSEY
4. LLEVA EL SELLO/TIMBRE DE:
WENDY M DZBENSKI, NOTARIO

CERTIFICADO

5. EN TRENTON, NUEVA JERSEY
6. EL 8 DE ENERO DE 2008
7. POR: MICHELLENE DAVIS, TESORERO DE NUEVA JERSEY
8. NO. A313612
9. SELLO/TIMBRE
10. FIRMA

(FIRMA)

Hay un sello que dice:

WENDY M. DZBENSKI
NOTARIO PÚBLICO DE NUEVA JERSEY
Comisión Vence 4/11/2011

From the INTERNATIONAL BUREAU

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

(PCT Rule 44bis.1(c))

To:

ISHIMOTO, Lance K.
LEXICON GENETICS INCORPORATED
8800 Technology Forest Place
The Woodlands, Texas 77381
ETATS-UNIS D'AMERIQUERECEIVED
DEC 05 2007

By

CMC

Date of mailing (day/month/year)

22 November 2007 (22.11.2007)

Applicant's or agent's file reference

LEX-0716-PCT

IMPORTANT NOTICE

International application No.

PCT/US2006/018682

International filing date (day/month/year)

12 May 2006 (12.05.2006)

Priority date (day/month/year)

13 May 2005 (13.05.2005)

Applicant

LEXICON GENETICS INCORPORATED et al

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

POSTED
2007
CMCThe International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland

Authorized officer

Simin Baharlou

Facsimile No. +41 22 338 82 70

e-mail: pt09.pct@wipo.int

PATENT COOPERATION TREATY

PCT

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

(PCT Rule 44bis)

70
943

Applicant's or agent's file reference LEX-0716-PCT	FOR FURTHER ACTION	See item 4 below
International application No. PCT/US2006/018682	International filing date (day/month/year) 12 May 2006 (12.05.2006)	Priority date (day/month/year) 13 May 2005 (13.05.2005)
International Patent Classification (8th edition unless older edition indicated) See relevant information in Form PCT/ISA/237		
Applicant LEXICON GENETICS INCORPORATED		

1.	This international preliminary report on patentability (Chapter I) is issued by the International Bureau on behalf of the International Searching Authority under Rule 44 bis.1(a).																									
2.	This REPORT consists of a total of 7 sheets, including this cover sheet. In the attached sheets, any reference to the written opinion of the International Searching Authority should be read as a reference to the international preliminary report on patentability (Chapter I) instead.																									
3.	This report contains indications relating to the following items: <table><tr><td>☒</td><td>Box No. I</td><td>Basis of the report</td></tr><tr><td>☒</td><td>Box No. II</td><td>Priority</td></tr><tr><td>☒</td><td>Box No. III</td><td>Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</td></tr><tr><td>☐</td><td>Box No. IV</td><td>Lack of unity of invention</td></tr><tr><td>☒</td><td>Box No. V</td><td>Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</td></tr><tr><td>☒</td><td>Box No. VI</td><td>Certain documents cited</td></tr><tr><td>☐</td><td>Box No. VII</td><td>Certain defects in the international application</td></tr><tr><td>☒</td><td>Box No. VIII</td><td>Certain observations on the international application</td></tr></table>		☒	Box No. I	Basis of the report	☒	Box No. II	Priority	☒	Box No. III	Non-establishment of opinion with regard to novelty, inventive step and industrial applicability	☐	Box No. IV	Lack of unity of invention	☒	Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement	☒	Box No. VI	Certain documents cited	☐	Box No. VII	Certain defects in the international application	☒	Box No. VIII	Certain observations on the international application
☒	Box No. I	Basis of the report																								
☒	Box No. II	Priority																								
☒	Box No. III	Non-establishment of opinion with regard to novelty, inventive step and industrial applicability																								
☐	Box No. IV	Lack of unity of invention																								
☒	Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement																								
☒	Box No. VI	Certain documents cited																								
☐	Box No. VII	Certain defects in the international application																								
☒	Box No. VIII	Certain observations on the international application																								
4.	The International Bureau will communicate this report to designated Offices in accordance with Rules 44bis.3(c) and 93bis.1 but not, except where the applicant makes an express request under Article 23(2), before the expiration of 30 months from the priority date (Rule 44bis.2).																									

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Date of issuance of this report 14 November 2007 (14.11.2007)
Facsimile No. +41 22 338 82 70	Authorized officer Simin Baharlou e-mail: pt09.pct@wipo.int

PATENT COOPERATION TREATY

244

From the
INTERNATIONAL SEARCHING AUTHORITY

PCT

To:

see form PCT/ISA/220

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY
(PCT Rule 43bis.1)

Date of mailing
(day/month/year) see form PCT/ISA/210 (second sheet)

Applicant's or agent's file reference
see form PCT/ISA/220

FOR FURTHER ACTION
See paragraph 2 below

International application No.
PCT/US2006/018682

International filing date (day/month/year)
12.05.2006

Priority date (day/month/year)
13.05.2005

International Patent Classification (IPC) or both national classification and IPC

INV. A61K31/506 A61K31/496 A61K31/551 C07D239/42 C07D401/12 C07D401/04 C07D277/42 C07D403/04
C07D487/04 C07D451/02 C07D487/08 A61P25/28

Applicant
LEXICON GENETICS INCORPORATED

1. This opinion contains indications relating to the following items:

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

2. **FURTHER ACTION**

If a demand for international preliminary examination is made, this opinion will usually be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

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

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

Name and mailing address of the ISA:



European Patent Office
D-80298 Munich
Tel. +49 89 2399 - 0 Tx: 523656 epmu d
Fax: +49 89 2399 - 4465

Date of completion of
this opinion

see form
PCT/ISA/210

Authorized Officer

Steendijk, Martin

Telephone No. +49 89 2399-8460



**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No. **245**
PCT/US2006/018682

Box No. I Basis of the opinion

1. With regard to the **language**, this opinion has been established on the basis of:
 - ☒ the international application in the language in which it was filed
 - ☐ a translation of the international application into , which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1 (b)).
2. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:
 - a. type of material:
 - ☐ a sequence listing
 - ☐ table(s) related to the sequence listing
 - b. format of material:
 - ☐ on paper
 - ☐ in electronic form
 - c. time of filing/furnishing:
 - ☐ contained in the international application as filed.
 - ☐ filed together with the international application in electronic form.
 - ☐ furnished subsequently to this Authority for the purposes of search.
3. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4. Additional comments:

Box No. II Priority

1. ☒ The validity of the priority claim has not been considered because the International Searching Authority does not have in its possession a copy of the earlier application whose priority has been claimed or, where required, a translation of that earlier application. This opinion has nevertheless been established on the assumption that the relevant date (Rules 43b/s.1 and 64.1) is the claimed priority date.
2. ☐ This opinion has been established as if no priority had been claimed due to the fact that the priority claim has been found invalid (Rules 43b/s.1 and 64.1). Thus for the purposes of this opinion, the international filing date indicated above is considered to be the relevant date.
3. Additional observations, if necessary:

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/US2006/018682

246
47

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

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

☐ the entire international application

☒ claims Nos. 86-92

because:

☒ the said international application, or the said claims Nos. 86-92 relate to the following subject matter which does not require an international search (*specify*):

see separate sheet

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

☐ the claims, or said claims Nos. are so inadequately supported by the description that no meaningful opinion could be formed (*specify*):

☐ no international search report has been established for the whole application or for said claims Nos.

☐ a meaningful opinion could not be formed without the sequence listing; the applicant did not, within the prescribed time limit:

☐ furnish a sequence listing on paper complying with the standard provided for in Annex C of the Administrative Instructions, and such listing was not available to the International Searching Authority in a form and manner acceptable to it.

☐ furnish a sequence listing in electronic form complying with the standard provided for in Annex C of the Administrative Instructions, and such listing was not available to the International Searching Authority in a form and manner acceptable to it.

☐ pay the required late furnishing fee for the furnishing of a sequence listing in response to an invitation under Rules 13ter.1(a) or (b).

☐ a meaningful opinion could not be formed without the tables related to the sequence listings; the applicant did not, within the prescribed time limit, furnish such tables in electronic form complying with the technical requirements provided for in Annex C-bis of the Administrative Instructions, and such tables were not available to the International Searching Authority in a form and manner acceptable to it.

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

☐ See Supplemental Box for further details

247
44

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/US2006/018682

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

1. Statement

Novelty (N)	Yes: Claims	12, 15,16, 19,20, 22,23, 32,34, 35,37,38,40,43,45,46,52,54-61,63-68,71,75,76,78-83
	No: Claims	1- 11,13, 14,17, 18,21, 24-31, 33,36,39,41,42,44,47-51,53,62,69,70,73,74,77,84-92
Inventive step (IS)	Yes: Claims	12, 15,16, 19,20, 22,23, 32,34, 35,37,38,40,43,45,46,52,54-61,63-68,71,75,76,78-83
	No: Claims	1- 11,13, 14,17, 18,21, 24-31, 33,36,39,41,42,44,47-51,53,62,69,70,73,74,77,84-92
Industrial applicability (IA)	Yes: Claims	1-85
	No: Claims	

2. Citations and explanations

see separate sheet

Box No. VI Certain documents cited

1. Certain published documents (Rules 43bis.1 and 70.10)

and /or

2. Non-written disclosures (Rules 43bis.1 and 70.9)

see form 210

Box No. VIII Certain observations on the international application

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made:

see separate sheet

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING
AUTHORITY (SEPARATE SHEET)

248
45
International application No.

PCT/US2006/018682

- 1) The present application relates to polycyclic compounds useful as proline transporter inhibitors.
- 2) Cited documents
 - D1: GB-A-2 263 636
 - D2: WO 03/053366 A2
 - D3: WO 03/003009 A
 - D4: EP-A-0 694 543
 - D5: WO 03/092686 A
 - D6: WO 97/28128 A
 - D7: WO 03/004480 A2
 - D8: WO 03/022214 A2
 - D9: WO 01/30781 A2
 - D10: WO 2004/076412 A2
 - D11: J MED CHEM, vol. 32, no. 3, 1989, pages 593-597
 - D12: WO 2006/011043 A (2006-02-02)
 - D13: WO 2006/059245 A2 (2006-06-08)

Documents D12-D13 were published after the claimed priority; on the presumption that the priority is valid, these documents are not considered as prior art.

- 3) Novelty

The subject-matter of claims 1-11,13,14,17,18,21,24-31,33,36,39,41,42,44,47,48-51,53,58,62,63,69,70,73,74,77 and 84-92 is not considered new in view of documents D1-D11 (see for details citation in search report).

In this context it is noted that the functional limitation to compounds with proline transporter inhibiting activity is not considered to delimit the claimed subject-matter from the prior art. Moreover, the therapeutical indication defined merely by the proline transport inhibition is not considered to delimit the claimed matter from known therapeutical indications.
- 4) Inventive step

In as far as the claims relate to new compounds an inventive step may be acknowledged as no prior art suggests the defined compounds as solution to the problem of providing further proline transport inhibitors.
- 5) Further observations

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

International application No.

PCT/US2006/018682

- 250
~~4/6~~
- 5.1 Claims 86-92 relate to subject-matter considered by this Authority to be covered by the provisions of Rule 67.1(iv) PCT. Consequently, no opinion will be formulated with respect to the industrial applicability of the subject-matter of these claims (Article 34(4)(a)(I) PCT).
- 5.2 Claims 48-83 relate to compounds per se without any functional limitation. These claims comprise various opened definitions of structural features (optionally substituted, heterocycle), due to which these claims are likely to comprise subject-matter which will not represent a solution to a technically relevant problem.
- 5.3 The definition of a therapeutical indication by a mere mechanism (see claims 86-87) is not considered clear, as it is not evident what particular disorders other than those specifically mentioned will be covered by such definition.
- 5.4 Claim 82 should not refer to claim 82 itself.
- 5.5 In as far as the disclaimers in claim 48 represent prior art that the applicant is aware of, such prior art should be cited in the description.

REPUBLICA DE COLOMBIA
SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO

Folio 251

2020
Bogotá D.C.,

Doctor(a)
CADENA SARMIENTO JUAN PABLO
Apoderado(a) y/o Representante de
LEXICON GENETICS INCORPORATED

REFERENCIA	Radicación No.	7 117133
	Solicitud internacional	PCT/US2006/018682
	Fecha inicio fase nacional	13/12/2007
	Trámite	11
	Evento	378
	Actuación	416
	Oficio No.	6948
	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,

27 OCT. 2008

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

adpall