

Señores

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO
DIRECCIÓN DE NUEVAS CREACIONES

E. _____ S. _____

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO



No. 10-116702-00003-0000

Fecha: 2010-11-26 17:11:31 Dep. 2020 DIR.NUEVASCR
Tra. 11 PATENTEIYII Eve: 378 FASENACIONALI
Act. 444 RESPUESTAREQUE Folios: 37

Re: Expediente N°. 10-116.702

Solicitud de Patente de Invención "COMPUESTOS NOVEDOSOS QUE SON INHIBIDORES DE ERK"

Solicitante: SCHERING CORPORATION

Nuestra Ref: P2010/000123

RESPUESTA AL OFICIO N° 14078NOTIFICADO
POR FIJACION EN LISTA No. 373, DE FECHA 29 DE OCTUBRE DE 2010,
(EXAMEN DE FORMA)

CARLOS R. OLARTE, mayor de edad y vecino de Bogotá, identificado tal como aparece al pie de mi firma, en mi carácter de apoderado de la sociedad en referencia, me permito dar respuesta al auto proferido por ese Despacho, dentro del término legal previsto en el artículo 39 de la Decisión 486 en los siguientes términos:

1. En respuesta a la única observación del Examinador, me permito aportar junto al presente memorial un (1) documento de cesión debidamente legalizado, según los artículos 259 y 260 del CPC, en los que consta la cesión de diecinueve (19) inventores al solicitante, según lo previsto en el Art. 26-k de la Decisión 486.

Atentamente,

CARLOS R. OLARTE
CC. No. 79.782.747 de Bogotá
T.P. 74.295

Adjunto: Documento de Cesión

10-123.

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APOSTILLA

(CONVENCION DE LA HAYA DEL 5 DE OCTUBRE DE 1961)

1. PAIS: ESTADOS UNIDOS DE AMERICA
2. ESTE DOCUMENTO PÚBLICO HA SIDO FIRMADO POR: BARBARA ANN COZZI
3. EN CALIDAD DE: NOTARIO PÚBLICO
4. CERTIFICADO CON EL SELLO DE: NOTARIO PÚBLICO

CERTIFICO

5. EN TRENTON, NEW JERSEY
6. EL 28 DE OCTUBRE DE 2010
7. POR: Andrew P. Sidamon-Eristoff SECRETARIO DE ESTADO
8. No. A408953
9. SELLO: DE LA SECRETARIA DEL ESTADO DE NEW JERSEY
10. FIRMA: (ILEGIBLE)

Número de Certificado: 118584188

ESTADO DE NUEVA JERSEY) SS:
CONDADO DE UNION)

Yo JODI R. HOBBS, con el presente juro que las fotocopias anexas de cesiones y acuerdos de Estados Unidos, Caso Foráneo No. OC06786, titulado **"COMPUESTOS NUEVOS QUE SON INHIBIDORES DE ERK"** son auténticas, correctas y completas copias de los documentos originales por los cuales yo tengo responsabilidad de custodia.

Firma
JODI R. HOBBS
Supervisor de Patentes

Suscrito y Juramentado ante mí el 6 de octubre de 2010.

(firma) BARBARA ANN COZZI
Notario Público de New Jersey
Mi comisión vence el 30 de Noviembre de 2013

Caso Extranjero No OC06786

NOTARIO PÚBLICO
J. R. HOBBS
Firma
NOTARIO PÚBLICO
J. R. HOBBS
Firma

CESION

Por buena y generosa consideración pagada a favor nuestro,

(1) <u>Alan B. Cooper</u>	Residente en <u>West Caldwell, NJ</u>
(2) <u>Yang Nan</u>	Residente en <u>Malden, MA</u>
(3) <u>Yonggi Deng</u>	Residente en <u>Newton, MA</u>
(4) <u>Gerald W. Shipps, Jr</u>	Residente en <u>Stoneham, MA</u>
(5) <u>Neng-Yang Shih</u>	Residente en <u>Lexington, MA</u>
(6) <u>Hung Y. Zhu</u>	Residente en <u>Warren, NJ</u>
(7) <u>Joseph M. Kelly</u>	Residente en <u>Parlin, NJ</u>
(8) <u>Subrahmanyam Gudipati</u>	Residente en <u>Fords, NJ</u>
(9) <u>Ronald J. Doll</u>	Residente en <u>Convent Station, NJ</u>
(10) <u>Mehul F. Patel</u>	Residente en <u>Waltham, MA</u>
(11) <u>Jaquish A. Desai</u>	Residente en <u>Monroe Township, NJ</u>
(12) <u>James J-S Wang</u>	Residente en <u>Wesfield, NJ</u>
(13) <u>Sunil Paliwal</u>	Residente en <u>Monroe Township, NJ</u>
(14) <u>Hon-Chung Tsui</u>	Residente en <u>East Brunswick, NJ</u>
(15) <u>Sobhana Badu Boga</u>	Residente en <u>Scotch Plains, NJ</u>
(16) <u>Abdul-Basit Alhassan</u>	Residente en <u>Scotch Plains, NJ</u>
(17) <u>Xiaolei Gao</u>	Residente en <u>Bridgewater, NJ</u>
(18) <u>Liang Zhu</u>	Residente en <u>Waltham, MA</u>
(19) <u>Xin Yao</u>	Residente en <u>Scotch Plains, NJ</u>

(de aquí en adelante CEDENTES), somos los inventores de la invención reivindicada en

COMPUESTOS NUEVOS QUE SON INHIBIDORES DE ERK

Para la cual nosotros hemos presentado/presentaremos una solicitud en la Oficina Receptora de los Estados Unidos (Oficina de Marcas y Patentes de los Estados Unidos de América) oficialmente identificada* como solicitud de patente internacional número PCT/US2009/034447 el 19 de febrero de 2009 y/o con la Oficina de Marcas y Patentes de los Estados Unidos oficialmente identificada* como solicitud número _____ presentada el _____; y

por **SCHERING CORPORATION.**, una compañía constituida bajo las leyes del Estado de New Jersey, Estados Unidos de América, con domicilio principal en 2000 Galloping Hill Road, Kenilworth, New Jersey 07033, Estados Unidos de América (de ahora en adelante CESIONARIO) está deseoso de obtener la totalidad de los derechos, títulos e interés en, y en virtud de la invención divulgada en esa solicitud o solicitudes;

AHORA, EN CONSECUENCIA, por una buena y considerable prestación, el recibo de que se reconoce por la presente, los CEDENTES han vendido, con derecho de presentar solicitudes de patente a nombre del CESIONARIO, su designado o cualquiera o todos nuestros nombres, a su elección, con respecto a las anteriores invenciones y descubrimientos en todos los países del mundo, junto con todos los derechos de prioridad en los anteriores países que deriven

MAURICE J. GREGO V.
 TRADUCTOR JURADO
 INGLÉS - ESPAÑOL / ESPAÑOL - INGLÉS
 1790 - 1983

de la anterior solicitud de patente bajo la Convención Internacional para la Protección de la Propiedad Industrial, bajo la Convención Inter-americana con relación a Invenciones, Patentes, Diseños y Modelos Industriales y bajo cualquier otro convenio internacional bajo el cual los Estados Unidos ahora o en adelante se convierta en signatario, para cualquier o todas las Patentes que se otorgaran con respecto a cualquiera de las anteriores solicitudes de patente, para cualquier solicitud reivindicando beneficios de prioridad sobre una solicitud de patente provisional u otras solicitudes presentadas sobre dichos inventos, y para cualquier continuación, división, re-otorgamiento, renovación y extensión de la misma de cualesquiera de dichas Patentes, el mismo que debe ser poseído y usufructuado por dicho CESIONARIO, sus sucesores, cesionarios, u otros representantes legales, en todo su alcance por lo que implica el otorgamiento de una patente, de manera tan entera como si hubiera sido poseída y usufrutuada por nosotros si esta cesión y venta no se hubiera cristalizado.

Y por medio de la presente nosotros convenimos y acordamos que en cualquier momento, al requerirse y a expensas del CESIONARIO, ejecutaremos y entregaremos cualquier y todos los documentos necesarios o deseables para perfeccionar el título de los anteriores inventos o descubrimientos, solicitudes de patente, Patentes y continuaciones, divisiones, re-otorgamientos, renovaciones, y extensiones del mismo a nombre del CESIONARIO, sus cesionarios, sucesores, u otros representantes legales, incluyendo la ejecución y consecución de cualquier y todo documento adicional que evidencie esta cesión y venta según sea necesario o deseable para el registro del mismo ante la Oficina de Patentes de cualquier país en cuestión, y que nosotros, en cualquier momento, al requerirse y a expensas del CESIONARIO, ejecutaremos cualquier solicitud divisional o adicional para patentes de dichos inventos y descubrimientos, o cualquier parte o partes del mismo, y solicitudes de patentes de confirmación, registro e importación con base en dicha Patente y sobre Patentes que salgan otorgadas a partir de dichas solicitudes divisionales y adicionales y renovaciones y extensiones del mismo, y realizaremos las necesarias declaraciones juramentadas y realizaremos todos los actos jurídicos necesarios para ello, sin compensación adicional, pero a expensas del CESIONARIO, sus sucesores, cesionarios, u otros representantes legales.

*Por medio de la presente autorizamos al CESIONARIO adicionar a este instrumento el número de solicitud y la fecha de presentación de dicha solicitud de patentes.

Ejecutado el 18 de marzo de 2009.

Alan B. Cooper, (firma ilegible) L.S.

RECONOCIMIENTO

Estado de New Jersey)

Condado de Union) s.s.:

MAURICE URBEGO V.
TRANSCODING & INTERPRETING OFFICIAL
INGLES - ESPAÑOL / ESPAÑOL - INGLES
RES. MINJUST. 617-1790 - 1988

El 18 de marzo de 2009, personalmente compareció ante mi Alan B. Cooper, personaje conocido y el cual ejecutó el anterior instrumento, y el cual afirmó que ejecutó el mismo, por voluntad propia, por lo motivos expuestos en el mismo.

(sello)

(firma ilegible)

IVETTE ALVAREZ PEREZ

Notario Público

New Jersey

Mi comisión vence el 4 de febrero de 2014.

Ejecutado el 19 de marzo de 2009.

Hugh Y. Zhu, (firma ilegible) L.S.

RECONOCIMIENTO

Estado de New Jersey)

Condado de Union) s.s.:

El 19 de marzo de 2009, personalmente compareció ante mi Hugh Y. Zhu personaje conocido y el cual ejecutó el anterior instrumento, y el cual afirmó que ejecutó el mismo, por voluntad propia, por lo motivos expuestos en el mismo.

(sello)

(firma ilegible)

IVETTE ALVAREZ PEREZ

Notario Público

New Jersey

Mi comisión vence el 4 de febrero de 2014.

Ejecutado el 18 de marzo de 2009.

Joseph M. Kelly, (firma ilegible) L.S.

RECONOCIMIENTO

Estado de New Jersey)

Condado de Union) s.s.:

El 18 de marzo de 2009, personalmente compareció ante mi Joseph M. Kelly personaje conocido y el cual ejecutó el anterior instrumento, y el cual afirmó que ejecutó el mismo, por voluntad propia, por lo motivos expuestos en el mismo.

(sello)

(firma ilegible)

IVETTE ALVAREZ PEREZ

Notario Público

New Jersey

Mi comisión vence el 4 de febrero de 2014.

Ejecutado el 18 de marzo de 2009.

Subrahmanyam Gudipati, (firma ilegible) L.S.

RECONOCIMIENTO

MAURICE J. PEREZ V.
TRADUCTOR E INTERPRETE OFICIAL
INGLES - ESPAÑOL - ESPAÑOL - INGLES
REG. MINIST. JUST. 1790 - 1988

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(sello)

IVETTE ALVAREZ PEREZ

New Jersey

Mi comisión vence el 4 de febrero de 2014.

Ronald J. Doll (firma ilegible) L.S.

El 18 de marzo de 2009, personalmente compareció ante mí Ronald J. Doll personaje conocido y el cual ejecutó el anterior instrumento, y el cual afirmó que ejecutó el mismo, por voluntad propia, por lo motivos expuestos en el mismo.

(sello)

IVETTE ALVAREZ PEREZ

New Jersey

Mi comisión vence el 4 de febrero de 2014.

Jagdish A. Desai (firma ilegible) L.S.

El 18 de marzo de 2009, personalmente compareció ante mí Jagdish A. Desai personaje conocido y el cual ejecutó el anterior instrumento, y el cual afirmó que ejecutó el mismo, por voluntad propia, por lo motivos expuestos en el mismo.

(sello)

IVETTE ALVAREZ PEREZ

New Jersey

Mi comisión vence el 4 de febrero de 2014.

N. AURICE IERSCO V.
 CONTRA EL GOBIERNO DE LA REPUBLICA DE LOS ESTADOS UNIDOS
 INCURSO EN LA FUGA DE LA JUSTICIA FEDERAL
 1998-1999

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Ejecutado el 18 de marzo de 2009.
James J-S Wang (firma ilegible) L.S.

RECONOCIMIENTO

Estado de New Jersey)
Condado de Union) s.s.:

El 18 de marzo de 2009, personalmente compareció ante mí James J-S Wang personaje conocido y el cual ejecutó el anterior instrumento, y el cual afirmó que ejecutó el mismo, por voluntad propia, por lo motivos expuestos en el mismo.

(sello)

(firma ilegible)

IVETTE ALVAREZ PEREZ

Notario Público

New Jersey

Mi comisión vence el 4 de febrero de 2014.

Ejecutado el 18 de marzo de 2009.
Sunil Paliwal, (firma ilegible) L.S.

RECONOCIMIENTO

Estado de New Jersey)
Condado de Union) s.s.:

El 18 de marzo de 2009, personalmente compareció ante mí Sunil Paliwal personaje conocido y el cual ejecutó el anterior instrumento, y el cual afirmó que ejecutó el mismo, por voluntad propia, por lo motivos expuestos en el mismo.

(sello)

(firma ilegible)

IVETTE ALVAREZ PEREZ

Notario Público

New Jersey

Mi comisión vence el 4 de febrero de 2014.

Ejecutado el 18 de marzo de 2009.
Hon-Chung Tsul, (firma ilegible) L.S.

RECONOCIMIENTO

Estado de New Jersey)
Condado de Union) s.s.:

El 18 de marzo de 2009, personalmente compareció ante mí Hon-Chung Tsul personaje conocido y el cual ejecutó el anterior instrumento, y el cual afirmó que ejecutó el mismo, por voluntad propia, por lo motivos expuestos en el mismo.

MAURICE LEBEEZ-V.
TRANSLADOR INTERPRETE OFICIAL
INGLES - HAWAIIANO
RES. 17-1-1998

(sello)

(firma ilegible)

IVETTE ALVAREZ PEREZ

Notario Público

New Jersey

Mi comisión vence el 4 de febrero de 2014.

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Ejecutado el 18 de marzo de 2009.

Sobhana Badu Boga, (firma ilegible) L.S.

RECONOCIMIENTO

Estado de New Jersey)

Condado de Union) s.s.:

El 18 de marzo de 2009, personalmente compareció ante mi Sobhana Badu Boga personaje conocido y el cual ejecutó el anterior instrumento, y el cual afirmó que ejecutó el mismo, por voluntad propia, por lo motivos expuestos en el mismo.

(sello)

(firma ilegible)

IVETTE ALVAREZ PEREZ

Notario Público

New Jersey

Mi comisión vence el 4 de febrero de 2014.

Ejecutado el 18 de marzo de 2009.

Abdul-Basit Alhassan, (firma ilegible) L.S.

RECONOCIMIENTO

Estado de New Jersey)

Condado de Union) s.s.:

El 18 de marzo de 2009, personalmente compareció ante mi Abdul-Basit Alhassan personaje conocido y el cual ejecutó el anterior instrumento, y el cual afirmó que ejecutó el mismo, por voluntad propia, por lo motivos expuestos en el mismo.

(sello)

(firma ilegible)

IVETTE ALVAREZ PEREZ

Notario Público

New Jersey

Mi comisión vence el 4 de febrero de 2014.

Ejecutado el 18 de marzo de 2009.

Xiaolei Gao, (firma ilegible) L.S.

RECONOCIMIENTO

Estado de New Jersey)

Condado de Union) s.s.:

MAURICE URREGO V.
TRADUCTOR JURADO OFICIAL
INGLES - ESPAÑOL / ESPAÑOL - INGLÉS
RES. MINUTOS DIA 1720 - 1999

El 18 de marzo de 2009, personalmente compareció ante mi Xiaolei Gao personaje conocido y el cual ejecutó el anterior instrumento, y el cual afirmó que ejecutó el mismo, por voluntad propia, por lo motivos expuestos en el mismo.

(sello)

(firma ilegible)

IVETTE ALVAREZ PEREZ

Notario Público

New Jersey

Mi comisión vence el 4 de febrero de 2014.

Ejecutado el 18 de marzo de 2009.

Xin Yao, (firma ilegible) L.S.

RECONOCIMIENTO

Estado de New Jersey)

Condado de Union) s.s.:

El 18 de marzo de 2009, personalmente compareció ante mi Xin Yao personaje conocido y el cual ejecutó el anterior instrumento, y el cual afirmó que ejecutó el mismo, por voluntad propia, por lo motivos expuestos en el mismo.

(sello)

(firma ilegible)

IVETTE ALVAREZ PEREZ

Notario Público

New Jersey

Mi comisión vence el 4 de febrero de 2014.

CASO OC 06786

CESION

Por buena y generosa consideración pagada a favor nuestro,

- | | |
|----------------------------------|---|
| (1) <u>Alan B. Cooper</u> | Residente en <u>West Caldwell, NJ</u> |
| (2) <u>Yan Nan</u> | Residente en <u>Malden, MA</u> |
| (3) <u>Yongqi Deng</u> | Residente en <u>Newton, MA</u> |
| (4) <u>Gerald W. Shipps, Jr</u> | Residente en <u>Stoneham, MA</u> |
| (5) <u>Neng-Yang Shih</u> | Residente en <u>Lexington, MA</u> |
| (6) <u>Hung Y. Zhu</u> | Residente en <u>Warren, NJ</u> |
| (7) <u>Joseph M. Kelly</u> | Residente en <u>Parlin, NJ</u> |
| (8) <u>Subrahmanyam Gudipati</u> | Residente en <u>Fords, NJ</u> |
| (9) <u>Ronald J. Doll</u> | Residente en <u>Convent Station, NJ</u> |
| (10) <u>Mehul F. Patel</u> | Residente en <u>Waltham, MA</u> |
| (11) <u>Jaquish A. Desai</u> | Residente en <u>Monroe Township, NJ</u> |
| (12) <u>James J-S Wang</u> | Residente en <u>Wesfield, NJ</u> |
| (13) <u>Sunil Paliwal</u> | Residente en <u>Monroe Rownship, NJ</u> |
| (14) <u>Hon-Chung Tsui</u> | Residente en <u>East Brunswick, NJ</u> |
| (15) <u>Sobhana Badu Boga</u> | Residente en <u>Scotch Plains, NJ</u> |
| (16) <u>Abdul-Basit Alhassan</u> | Residente en <u>Scotch Plains, NJ</u> |
| (17) <u>Xiaolei Gao</u> | Residente en <u>Bridgewater, NJ</u> |

MAURICE URREJO V.
TRANSLATOR
INGLES - ESPAÑOL / ENGLISH - SPANISH
12-1-1993

hoh

(18) Liang Zhu
(19) Xin Yao

Residente en Waltham, MA
Residente en Scotch Plains, NJ

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(de aquí en adelante CEDENTES), somos los inventores de la invención reivindicada en

COMPUESTOS NUEVOS QUE SON INHIBIDORES DE ERK

Para la cual nosotros hemos presentado/presentaremos una solicitud en la Oficina Receptora de los Estados Unidos (Oficina de Marcas y Patentes de los Estados Unidos de América) oficialmente identificada* como solicitud de patente internacional número PCT/US2009/034447 el 19 de febrero de 2009 y/o con la Oficina de Marcas y Patentes de los Estados Unidos oficialmente identificada* como solicitud número _____ presentada el _____; y

por **SCHERING CORPORATION.**, una compañía constituida bajo las leyes del Estado de New Jersey, Estados Unidos de América, con domicilio principal en 2000 Galloping Hill Road, Kenilworth, New Jersey 07033, Estados Unidos de América (de ahora en adelante CESIONARIO) está deseoso de obtener la totalidad de los derechos, títulos e interés en, y en virtud de la invención divulgada en esa solicitud o solicitudes;

AHORA, EN CONSECUENCIA, por una buena y considerable prestación, el recibo de que se reconoce por la presente, los CEDENTES han vendido, con derecho de presentar solicitudes de patente a nombre del CESIONARIO, su designado o cualquiera o todos nuestros nombres, a su elección, con respecto a las anteriores invenciones y descubrimientos en todos los países del mundo, junto con todos los derechos de prioridad en los anteriores países que deriven de la anterior solicitud de patente bajo la Convención Internacional para la Protección de la Propiedad Industrial, bajo la Convención Inter-americana con relación a Invenciones, Patentes, Diseños y Modelos Industriales y bajo cualquier otro convenio internacional bajo el cual los Estados Unidos ahora o en adelante se convierta en signatario, para cualquier o todas las Patentes que se otorgaran con respecto a cualquiera de las anteriores solicitudes de patente, para cualquier solicitud reivindicando beneficios de prioridad sobre una solicitud de patente provisional u otras solicitudes presentadas sobre dichos inventos, y para cualquier continuación, división, re-otorgamiento, renovación y extensión de la misma de cualesquiera de dichas Patentes, el mismo que debe ser poseído y usufructuado por dicho CESIONARIO, sus sucesores, cesionarios, u otros representantes legales, en todo su alcance por lo que implica el otorgamiento de una patente, de manera tan entera como si hubiera sido poseída y usufructuada por nosotros si esta cesión y venta no se hubiera cristalizado.

Y por medio de la presente nosotros convenimos y acordamos que en cualquier momento, al requerirse y a expensas del CESIONARIO, ejecutaremos y entregaremos cualquier y todos los documentos necesarios o deseables para perfeccionar el título de los anteriores inventos o descubrimientos, solicitudes de patente, Patentes y continuaciones, divisiones, re-otorgamientos, renovaciones, y extensiones del mismo a nombre del

MAURICE URBEGO V.
TRADUCCION
INGLES - ESPAÑOL - INGLIS
RES. 115-11
Diciembre 1998

nos

CESIONARIO, sus cesionarios, sucesores, u otros representantes legales, incluyendo la ejecución y consecución de cualquier y todo documento adicional que evidencie esta cesión y venta según sea necesario o deseable para el registro del mismo ante la Oficina de Patentes de cualquier país en cuestión, y que nosotros, en cualquier momento, al requerirse y a expensas del CESIONARIO, ejecutaremos cualquier solicitud divisional o adicional para patentes de dichos inventos y descubrimientos, o cualquier parte o partes del mismo, y solicitudes de patentes de confirmación, registro e importación con base en dicha Patente y sobre Patentes que salgan otorgadas a partir de dichas solicitudes divisionales y adicionales y renovaciones y extensiones del mismo, y realizaremos las necesarias declaraciones juramentadas y realizaremos todos los actos jurídicos necesarios para ello, sin compensación adicional, pero a expensas del CESIONARIO, sus sucesores, cesionarios, u otros representantes legales.

*Por medio de la presente autorizamos al CESIONARIO adicionar a este instrumento el número de solicitud y la fecha de presentación de dicha solicitud de patentes.

Ejecutado el 19 de marzo de 2009.
Yang Nan (firma ilegible) L.S.

RECONOCIMIENTO

Estado de Massachusetts)
Condado de Middlesex) s.s.:

El 19 de marzo de 2009, personalmente compareció ante mi Yang Nan, personaje conocido y el cual ejecutó el anterior instrumento, y el cual afirmó que ejecutó el mismo, por voluntad propia, por lo motivos expuestos en el mismo.

(sello)

(firma ilegible)
LINA M. TERRANOVA
Notario Público
Condado de Massachusetts
Mi comisión vence el 26 de octubre de 2012.

Ejecutado el 19 de marzo de 2009.
Yonggi Deng (firma ilegible) L.S.

RECONOCIMIENTO

Estado de Massachusetts)
Condado de Middlesex) s.s.:

El 19 de marzo de 2009, personalmente compareció ante mi Yonggi Deng, personaje conocido y el cual ejecutó el anterior instrumento, y el cual afirmó que ejecutó el mismo, por voluntad propia, por lo motivos expuestos en el mismo.

(sello)

(firma ilegible)

MINISTRE URBANO
TRANSLACION OFICIAL
INGLES - ESPANOL - INGLES
12-1-12

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LINA M. TERRANOVA
Notario Público
Condado de Massachusetts
Mi comisión vence el 26 de octubre de 2012.

Ejecutado el 19 de marzo de 2009.
Gerald W. Shipps, Jr. (firma ilegible) L.S.

RECONOCIMIENTO

Estado de Massachusetts)
Condado de Middlesex) s.s.:

El 19 de marzo de 2009, personalmente compareció ante mi Gerald W. Shipps, Jr., personaje conocido y el cual ejecutó el anterior instrumento, y el cual afirmó que ejecutó el mismo, por voluntad propia, por lo motivos expuestos en el mismo.

(sello) (firma ilegible)
LINA M. TERRANOVA
Notario Público
Condado de Massachusetts
Mi comisión vence el 26 de octubre de 2012.

Ejecutado el 19 de marzo de 2009.
Neng-Yang Shih (firma ilegible) L.S.

RECONOCIMIENTO

Estado de Massachusetts)
Condado de Middlesex) s.s.:

El 19 de marzo de 2009, personalmente compareció ante mi Neng-Yang Shih, personaje conocido y el cual ejecutó el anterior instrumento, y el cual afirmó que ejecutó el mismo, por voluntad propia, por lo motivos expuestos en el mismo.

(sello) (firma ilegible)
LINA M. TERRANOVA
Notario Público
Condado de Massachusetts
Mi comisión vence el 26 de octubre de 2012.

Ejecutado el 19 de marzo de 2009.
Mehul F. Patel (firma ilegible) L.S.

RECONOCIMIENTO

Estado de Massachusetts)
Condado de Middlesex) s.s.:

MARITICE URRIGO V.
TRADUCTOR JURADO OFICIAL
INGLES AL ESPAÑOL - INGLES
RES. MIN. 1720 - 1293

407

El 19 de marzo de 2009, personalmente compareció ante mi Mehul F. Patel, personaje conocido y el cual ejecutó el anterior instrumento, y el cual afirmó que ejecutó el mismo, por voluntad propia, por lo motivos expuestos en el mismo.

(sello)

(firma ilegible)

LINA M. TERRANOVA

Notario Público

Condado de Massachusetts

Mi comisión vence el 26 de octubre de 2012.

Ejecutado el 19 de marzo de 2009.

Liang Zhu (firma ilegible) L.S.

RECONOCIMIENTO

Estado de Massachusetts)

Condado de Middlesex) s.s.:

El 19 de marzo de 2009, personalmente compareció ante mi Yonggi Liang Zhu, personaje conocido y el cual ejecutó el anterior instrumento, y el cual afirmó que ejecutó el mismo, por voluntad propia, por lo motivos expuestos en el mismo.

(sello)

(firma ilegible)

LINA M. TERRANOVA

Notario Público

Condado de Massachusetts

Mi comisión vence el 26 de octubre de 2012.

MAURICE URREGO V.
TRADUCCION INTERPRETE OFICIAL
INGLES AL ESPAÑOL Y VICEVERSA
RES. JUN 14, 2007 - 1720 - 1.93

APOSTILLE

(CONVENTION DE LA HAYE DU 5 OCTOBRE 1961)

Handwritten mark

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

CERTIFIED

5. AT TRENTON, NEW JERSEY
6. THE 28TH DAY OF OCTOBER 2010
7. BY: Andrew P Sidamon-Eristoff
State Treasurer
8. NO: A408953
9. SEAL/STAMP:
10. SIGNATURE



Handwritten signature

Certificate Number: 118584188

Verify this certificate at
https://www1.state.nj.us/TYTR_StandingCert/JSP/Verify_Cert.jsp

STATE OF NEW JERSEY)
)SS:
COUNTY OF UNION)

I, **JODI R. HOBBS**, hereby swear that the attached photocopies of:
US Assignments and Agreements, Case No. OC06786, entitled "NOVEL COMPOUNDS
THAT ARE ERK INHIBITORS", are true, correct, and complete copies of the original
documents for which I have custodial responsibility.



JODI R. HOBBS
PATENT FILES SUPERVISOR

Subscribed and sworn to before me this 6th day of October, 2010.



NOTARY PUBLIC

Foreign Case No.: OC06786

BARBARA ANN COZZI
Notary Public of New Jersey
My Commission Expires November 30, 2013

(Joint)

PATENT CASE: OC06786

WORLDWIDE ASSIGNMENT

WHEREAS, WE,

- (1) Alan B. Cooper, residing at West Caldwell, NJ
- (2) Yang Nan, residing at Malden, MA
- (3) Yongqi Deng, residing at Newton, MA
- (4) Gerald W. Shipps, Jr., residing at Stoneham, MA
- (5) Neng-Yang Shih, residing at Lexington, MA
- (6) Hugh Y. Zhu, residing at Warren, NJ
- (7) Joseph M. Kelly, residing at Parlin, NJ
- (8) Subrahmanyam Gudipati, residing at Fords, NJ
- (9) Ronald J. Doll, residing at Convent Station, NJ
- (10) Mehul F. Patel, residing at Waltham, MA
- (11) Jagdish A. Desai, residing at Monroe Township, NJ
- (12) James J-S Wang, residing at Westfield, NJ
- (13) Sunil Paliwal, residing at Monroe Township, NJ
- (14) Hon-Chung Tsui, residing at East Brunswick, NJ
- (15) Sobhana Babu Boga, residing at Scotch Plains, NJ
- (16) Abdul-Basit Alhassan, residing at Scotch Plains, NJ
- (17) Xiaolei Gao, residing at Bridgewater, NJ
- (18) Liang Zhu, residing at Waltham, MA
- (19) Xin Yao, residing at Scotch Plains, NJ

(hereinafter ASSIGNORS), are the inventors of the invention claimed in

NOVEL COMPOUNDS THAT ARE ERK INHIBITORS

for which we have filed/will be filing an application in the U.S. Receiving Office (the United States Patent and Trademark Office) officially identified* as International Patent Application Number PCT/US2009/034447 on 02/19/2009 and/or with the United States Patent and Trademark Office officially identified* as Application Number _____ filed on _____, 20____; and

WHEREAS, **SCHERING CORPORATION**, a corporation organized under the laws of the State of New Jersey, United States of America, having its principal office at 2000 Galloping Hill Road, Kenilworth, New Jersey 07033, United States of America, (hereinafter **ASSIGNEE**), is desirous of obtaining the entire right, title and interest in, to and under the invention disclosed in said application or applications;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, said ASSIGNORS, do each hereby sell, assign and transfer to said **ASSIGNEE** our entire right, title and interest in all countries of the world in and to our invention described in said patent application or applications, in and to the right to file patent applications in the name of **ASSIGNEE**, its designee, or in any or all of our names, at its election, on the aforesaid invention in all countries of the world, together with all rights of priority in the aforesaid countries deriving from the above-identified patent application under the International Convention for the Protection of Industrial Property, under the Inter-American Convention relating to Inventions, Patents, Designs and Industrial Models and under any other international arrangement to which the United States now is or hereafter becomes a signatory, in and to any and all Letters Patent that are granted from any of the aforesaid patent applications, in and to any applications claiming priority benefits to a provisional patent application or other applications filed on said invention, and in and to any continuations, divisions, reissues, renewals and extensions thereof of any of said Letters Patent, the same to be held and enjoyed by said **ASSIGNEE**, its successors, assigns and other legal representatives, to the full ends of the terms for which all Letters Patent therefor may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

AND WE HEREBY covenant and agree that we will at any time, upon the request and at the expense of **ASSIGNEE**, execute and deliver any and all documents that may be necessary or desirable to perfect the title to the foregoing invention, patent applications, and Letters Patent and continuations, divisions, reissues, renewals and extensions thereof in **ASSIGNEE**, its successors, assigns or other legal representatives, including the execution and procurement of any and all further documents evidencing this assignment and sale as may be necessary or desirable for recording the same in the Patent Office of any country concerned, and that we will, at any time, upon the request and at the expense of **ASSIGNEE**, execute any additional or divisional applications for patents for said invention, or any part or parts thereof, and applications for patents of confirmation, registration and importation based on said Letters Patent and on Letters Patent issuing from said additional or divisional applications and reissues, renewals and extensions therefor, and will make all rightful oaths and declarations and do all lawful acts requisite for procuring the same or for aiding therein, without further compensation, but at the expense of **ASSIGNEE**, its successors, assigns or other legal representatives.

And we further covenant and agree that we will at any time, upon request, communicate to **ASSIGNEE**, its successors, assigns or other legal representatives, any facts relating to the said invention and Letters Patent, or the history thereof known to us, and will testify as to the same in any interference, litigation, or any other legal proceeding, when requested to do so.

*We hereby authorize **ASSIGNEE** to insert in this instrument the Application Number or Numbers and the filing dates of said applications for Letters Patent when officially notified thereof.

Executed this 18 day of March, 2009.

Alan B. Cooper L.S.
Alan B. Cooper

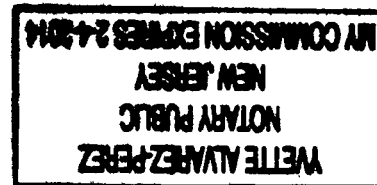
ACKNOWLEDGEMENT

State of New Jersey,
County of Union } s.s.:

On this 18 day of March, 2009, personally appeared before me
Alan B. Cooper to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

[Signature]
Notary Public



18

Executed this _____ day of _____, 20____.

Yang Nan L.S.

ACKNOWLEDGEMENT

State of _____)
County of _____) s.s.:

On this _____ day of _____, 20____, personally appeared before me
Yang Nan to me known, and known by me to be the same person described
in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of
his (her) own free will for the purpose set forth.

(Seal)

Notary Public

Executed this _____ day of _____, 20____.

Yongqi Deng L.S.

ACKNOWLEDGEMENT

State of _____)
County of _____) s.s.:

On this _____ day of _____, 20____, personally appeared before me
Yongqi Deng to me known, and known by me to be the same person described
in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of
his (her) own free will for the purpose set forth.

(Seal)

Notary Public

413

A

Executed this _____ day of _____, 20____.

Gerald W. Shipps, Jr. L.S.

ACKNOWLEDGEMENT

State of _____)
County of _____) s.s.:

On this _____ day of _____, 20____, personally appeared before me
Gerald W. Shipps, Jr. to me known, and known by me to be the same
person described in and who executed the foregoing instrument, and acknowledged that he (she)
executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Notary Public

Executed this _____ day of _____, 20____.

Neng-Yang Shih L.S.

ACKNOWLEDGEMENT

State of _____)
County of _____) s.s.:

On this _____ day of _____, 20____, personally appeared before me
Neng-Yang Shih to me known, and known by me to be the same person
described in and who executed the foregoing instrument, and acknowledged that he (she) executed
the same, of his (her) own free will for the purpose set forth.

(Seal)

Notary Public

414

Executed this 19 day of March, 2009.
[Signature] L.S.
Hugh Y. Zhu

[Signature]

ACKNOWLEDGEMENT

State of New Jersey)
County of Union) s.s.:

On this 19 day of March, 2009, personally appeared before me
Hugh Y. Zhu to me known, and known by me to be the same person described
in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of
his (her) own free will for the purpose set forth.

(Seal)

[Signature]
Notary Public



Executed this 18 day of March, 2009.
Joseph M. Kelly L.S.
Joseph M. Kelly

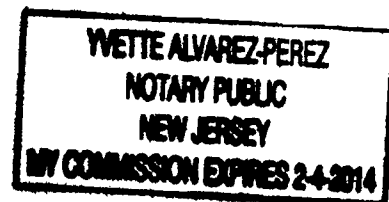
ACKNOWLEDGEMENT

State of New Jersey)
County of Union) s.s.:

On this 18 day of March, 2009, personally appeared before me
Joseph M. Kelly to me known, and known by me to be the same person
described in and who executed the foregoing instrument, and acknowledged that he (she) executed
the same, of his (her) own free will for the purpose set forth.

(Seal)

[Signature]
Notary Public



21

Executed this 18 day of March, 2009.

[Signature] L.S.
Subrahmanyam Gudipati

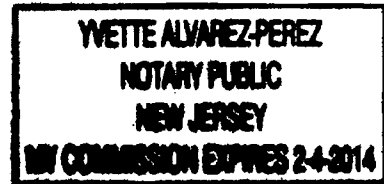
ACKNOWLEDGEMENT

State of New Jersey }
County of Union } s.s.:

On this 18 day of March, 2009, personally appeared before me
Subrahmanyam Gudipati to me known, and known by me to be the same
person described in and who executed the foregoing instrument, and acknowledged that he (she)
executed the same, of his (her) own free will for the purpose set forth.

(Seal)

[Signature]
Notary Public



Executed this 18 day of March, 2009.

[Signature] L.S.
Ronald J. Doll

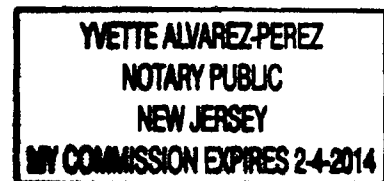
ACKNOWLEDGEMENT

State of New Jersey }
County of Union } s.s.:

On this 18 day of March, 2009, personally appeared before me
Ronald J. Doll to me known, and known by me to be the same person
described in and who executed the foregoing instrument, and acknowledged that he (she) executed
the same, of his (her) own free will for the purpose set forth.

(Seal)

[Signature]
Notary Public



22

Executed this _____ day of _____, 20____.

Mehul F. Patel L.S.

ACKNOWLEDGEMENT

State of _____)
County of _____) s.s.:

On this _____ day of _____, 20____, personally appeared before me
Mehul F. Patel to me known, and known by me to be the same person
described in and who executed the foregoing instrument, and acknowledged that he (she) executed
the same, of his (her) own free will for the purpose set forth.

(Seal)

Notary Public

Executed this 18th day of March, 2009.

Jagdish A. Desai L.S.
Jagdish A. Desai

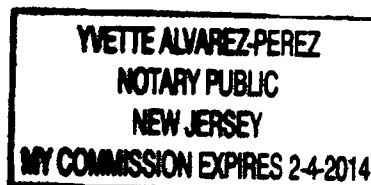
ACKNOWLEDGEMENT

State of New Jersey)
County of Union) s.s.:

On this 18 day of March, 2009, personally appeared before me
Jagdish A. Desai to me known, and known by me to be the same person
described in and who executed the foregoing instrument, and acknowledged that he (she) executed
the same, of his (her) own free will for the purpose set forth.

(Seal)

[Signature]
Notary Public



h13

23

Executed this 18th day of March, 2009.

James J-S Wang L.S.
James J-S Wang

ACKNOWLEDGEMENT

State of New Jersey }
County of Union } s.s.:

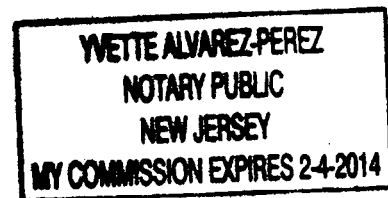
On this 18 day of March, 2009, personally appeared before me
James J-S Wang to me known, and known by me to be the same person
described in and who executed the foregoing instrument, and acknowledged that he (she) executed
the same, of his (her) own free will for the purpose set forth.

(Seal)

Yvette Alvarez-Perez
Notary Public

Executed this 18th day of March, 2009.

Sunil Paliwal L.S.
Sunil Paliwal



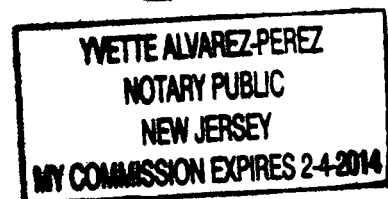
ACKNOWLEDGEMENT

State of New Jersey }
County of Union } s.s.:

On this 18 day of March, 2009, personally appeared before me
Sunil Paliwal to me known, and known by me to be the same person described
in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of
his (her) own free will for the purpose set forth.

(Seal)

Yvette Alvarez-Perez
Notary Public



Executed this 18 day of March, 2009.

Hon-Chung Tsui L.S.

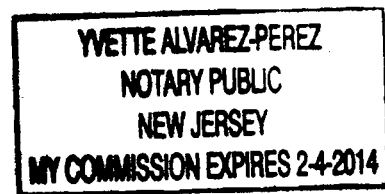
ACKNOWLEDGEMENT

State of New Jersey }
County of Union } s.s.:

On this 18 day of March, 2009, personally appeared before me Hon-Chung Tsui to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

[Signature]
Notary Public



Executed this 18 day of March, 2009.

Sobhana Babu Boga L.S.

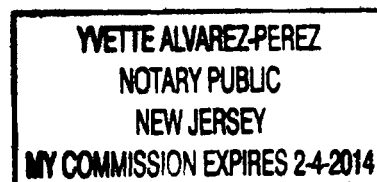
ACKNOWLEDGEMENT

State of New Jersey }
County of Union } s.s.:

On this 18 day of March, 2009, personally appeared before me Sobhana Babu Boga to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

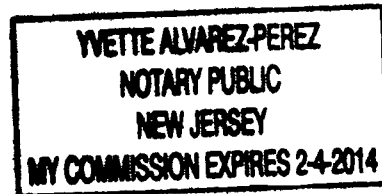
[Signature]
Notary Public



Executed this 18 day of MARCH, 2009.Abdul-Basit Alhassan L.S.**ACKNOWLEDGEMENT**State of New Jersey
County of Union } s.s.:

On this 18 day of March, 2009, personally appeared before me Abdul-Basit Alhassan to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Yvette Alvarez-Perez
Notary PublicExecuted this 18 day of March, 2009.Xiaolei Gao L.S.**ACKNOWLEDGEMENT**State of New Jersey
County of Union } s.s.:

On this 18 day of March, 2009, personally appeared before me Xiaolei Gao to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Yvette Alvarez-Perez
Notary Public

76

Executed this _____ day of _____, 20____.

Liang Zhu
L.S.

ACKNOWLEDGEMENT

State of _____
County of _____ } s.s.:

On this _____ day of _____, 20____, personally appeared before me
Liang Zhu to me known, and known by me to be the same person described
in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of
his (her) own free will for the purpose set forth.

(Seal)

Notary Public

Executed this 18th day of March, 2009.

Xin Yao

L.S.
Xin Yao

ACKNOWLEDGEMENT

State of New Jersey
County of Union } s.s.:

On this 18 day of March, 2009, personally appeared before me
Xin Yao to me known, and known by me to be the same person described
in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of
his (her) own free will for the purpose set forth.

(Seal)

[Signature]

Notary Public



(Joint)

PATENT CASE: OC06786

WORLDWIDE ASSIGNMENT

WHEREAS, WE,

- (1) Alan B. Cooper, residing at West Caldwell, NJ,
- (2) Yang Nan, residing at Malden, MA,
- (3) Yongqi Deng, residing at Newton, MA,
- (4) Gerald W. Shipps, Jr., residing at Stoneham, MA,
- (5) Neng-Yang Shih, residing at Lexington, MA,
- (6) Hugh Y. Zhu, residing at Warren, NJ,
- (7) Joseph M. Kelly, residing at Parlin, NJ,
- (8) Subrahmanyam Gudipati, residing at Fords, NJ,
- (9) Ronald J. Doll, residing at Convent Station, NJ,
- (10) Mehul F. Patel, residing at Waltham, MA,
- (11) Jagdish A. Desai, residing at Monroe Township, NJ,
- (12) James J-S Wang, residing at Westfield, NJ,
- (13) Sunil Paliwal, residing at Monroe Township, NJ,
- (14) Hon-Chung Tsui, residing at East Brunswick, NJ,
- (15) Sobhana Babu Boga, residing at Scotch Plains, NJ,
- (16) Abdul-Basit Alhassan, residing at Scotch Plains, NJ,
- (17) Xiaolei Gao, residing at Bridgewater, NJ,
- (18) Liang Zhu, residing at Waltham, MA,
- (19) Xin Yao, residing at Scotch Plains, NJ,

(hereinafter ASSIGNORS), are the inventors of the invention claimed in

NOVEL COMPOUNDS THAT ARE ERK INHIBITORS

for which we have filed/will be filing an application in the U.S. Receiving Office (the United States Patent and Trademark Office) officially identified* as International Patent Application Number PCT/US2009/034447 on 02/19/2009 and/or with the United States Patent and Trademark Office officially identified* as Application Number _____ filed _____ on _____, 20____; and

WHEREAS, **SCHERING CORPORATION**, a corporation organized under the laws of the State of New Jersey, United States of America, having its principal office at 2000 Galloping Hill Road, Kenilworth, New Jersey 07033, United States of America, (hereinafter **ASSIGNEE**), is desirous of obtaining the entire right, title and interest in, to and under the invention disclosed in said application or applications;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, said ASSIGNORS, do each hereby sell, assign and transfer to said **ASSIGNEE** our entire right, title and interest in all countries of the world in and to our invention described in said patent application or applications, in and to the right to file patent applications in the name of **ASSIGNEE**, its designee, or in any or all of our names, at its election, on the aforesaid invention in all countries of the world, together with all rights of priority in the aforesaid countries deriving from the above-identified patent application under the International Convention for the Protection of Industrial Property, under the Inter-American Convention relating to Inventions, Patents, Designs and Industrial Models and under any other international arrangement to which the United States now is or hereafter becomes a signatory, in and to any and all Letters Patent that are granted from any of the aforesaid patent applications, in and to any applications claiming priority benefits to a provisional patent application or other applications filed on said invention, and in and to any continuations, divisions, reissues, renewals and extensions thereof of any of said Letters Patent, the same to be held and enjoyed by said **ASSIGNEE**, its successors, assigns and other legal representatives, to the full ends of the terms for which all Letters Patent therefor may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

AND WE HEREBY covenant and agree that we will at any time, upon the request and at the expense of **ASSIGNEE**, execute and deliver any and all documents that may be necessary or desirable to perfect the title to the foregoing invention, patent applications, and Letters Patent and continuations, divisions, reissues, renewals and extensions thereof in **ASSIGNEE**, its successors, assigns or other legal representatives, including the execution and procurement of any and all further documents evidencing this assignment and sale as may be necessary or desirable for recording the same in the Patent Office of any country concerned, and that we will, at any time, upon the request and at the expense of **ASSIGNEE**, execute any additional or divisional applications for patents for said invention, or any part or parts thereof, and applications for patents of confirmation, registration and importation based on said Letters Patent and on Letters Patent issuing from said additional or divisional applications and reissues, renewals and extensions therefor, and will make all rightful oaths and declarations and do all lawful acts requisite for procuring the same or for aiding therein, without further compensation, but at the expense of **ASSIGNEE**, its successors, assigns or other legal representatives.

And we further covenant and agree that we will at any time, upon request, communicate to **ASSIGNEE**, its successors, assigns or other legal representatives, any facts relating to the said invention and Letters Patent, or the history thereof known to us, and will testify as to the same in any interference, litigation, or any other legal proceeding, when requested to do so.

*We hereby authorize **ASSIGNEE** to insert in this instrument the Application Number or Numbers and the filing dates of said applications for Letters Patent when officially notified thereof.

Executed this _____ day of _____, 20____.

L.S.
Alan B. Cooper

ACKNOWLEDGEMENT

State of _____)
) s.s.:
County of _____)

On this _____ day of _____, 20____, personally appeared before me **Alan B. Cooper** to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Notary Public

Executed this 19th day of March, 2009.Yang Nan L.S.
Yang Nan

ACKNOWLEDGEMENT

State of Massachusetts
County of Middlesex) s.s.:

On this 19th day of March, 2009, personally appeared before me
Yang Nan to me known, and known by me to be the same person described
in and who executed the foregoing instrument, and acknowledged that he (she) executed the same,
of his (her) own free will for the purpose set forth.

(Seal)



LINA M. TERRANOVA
Notary Public
Commonwealth of Massachusetts
My Commission Expires
October 26, 2012

Lina M. Terranova
Notary Public

Executed this 19 day of March, 2009.Yongqi Deng L.S.
Yongqi Deng

ACKNOWLEDGEMENT

State of Massachusetts
County of Middlesex) s.s.:

On this 19th day of March, 2009, personally appeared before me
Yongqi Deng to me known, and known by me to be the same person described
in and who executed the foregoing instrument, and acknowledged that he (she) executed the same,
of his (her) own free will for the purpose set forth.

(Seal)



LINA M. TERRANOVA
Notary Public
Commonwealth of Massachusetts
My Commission Expires
October 26, 2012

Lina M. Terranova
Notary Public

Executed this 19th day of March, 2009.
Gerald W. Shipps, Jr. L.S.
Gerald W. Shipps, Jr.

21

ACKNOWLEDGEMENT

State of Massachusetts
County of Middlesex } s.s.:

On this 19th day of March, 2009, personally appeared before me
Gerald W. Shipps, Jr. to me known, and known by me to be the same
person described in and who executed the foregoing instrument, and acknowledged that he (she)
executed the same, of his (her) own free will for the purpose set forth.

(Seal)



LINA M. TERRANOVA
Notary Public
Commonwealth of Massachusetts
My Commission Expires
October 26, 2012

Lina M. Terranova
Notary Public

Executed this 19th day of March, 2009.
Neng-Yang Shih L.S.
Neng-Yang Shih

ACKNOWLEDGEMENT

State of Massachusetts
County of Middlesex } s.s.:

On this 19th day of March, 2009, personally appeared before me
Neng-Yang Shih to me known, and known by me to be the same person
described in and who executed the foregoing instrument, and acknowledged that he (she) executed
the same, of his (her) own free will for the purpose set forth.

(Seal)



LINA M. TERRANOVA
Notary Public
Commonwealth of Massachusetts
My Commission Expires
October 26, 2012

Lina M. Terranova
Notary Public

31

Executed this ____ day of _____, 20____.

L.S.

Hugh Y. Zhu

ACKNOWLEDGEMENT

State of _____)
County of _____) s.s.:

On this ____ day of _____, 20____, personally appeared before me
Hugh Y. Zhu to me known, and known by me to be the same person described
in and who executed the foregoing instrument, and acknowledged that he (she) executed the same,
of his (her) own free will for the purpose set forth.

(Seal)

Notary Public

Executed this ____ day of _____, 20____.

L.S.

Joseph M. Kelly

ACKNOWLEDGEMENT

State of _____)
County of _____) s.s.:

On this ____ day of _____, 20____, personally appeared before me
Joseph M. Kelly to me known, and known by me to be the same person
described in and who executed the foregoing instrument, and acknowledged that he (she) executed
the same, of his (her) own free will for the purpose set forth.

(Seal)

Notary Public

h26

32

Executed this _____ day of _____, 20____.

Subrahmanyam Gudipati L.S.

ACKNOWLEDGEMENT

State of _____)
County of _____) s.s.:

On this _____ day of _____, 20____, personally appeared before me
Subrahmanyam Gudipati to me known, and known by me to be the same
person described in and who executed the foregoing instrument, and acknowledged that he (she)
executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Notary Public

Executed this _____ day of _____, 20____.

Ronald J. Doll L.S.

ACKNOWLEDGEMENT

State of _____)
County of _____) s.s.:

On this _____ day of _____, 20____, personally appeared before me
Ronald J. Doll to me known, and known by me to be the same person
described in and who executed the foregoing instrument, and acknowledged that he (she) executed
the same, of his (her) own free will for the purpose set forth.

(Seal)

Notary Public

Executed this 19 day of March, 2009.

[Signature] L.S.
Mehul F. Patel

[Handwritten initials]

ACKNOWLEDGEMENT

State of Massachusetts
County of Middlesex s.s.:

On this 19th day of March, 2009, personally appeared before me
Mehul F. Patel to me known, and known by me to be the same person
described in and who executed the foregoing instrument, and acknowledged that he (she) executed
the same, of his (her) own free will for the purpose set forth.

(Seal)



LINA M. TERRANOVA
Notary Public
Commonwealth of Massachusetts
My Commission Expires
October 26, 2012

[Signature]
Notary Public

Executed this _____ day of _____, 20____.

L.S.
Jagdish A. Desai

ACKNOWLEDGEMENT

State of _____)
County of _____) s.s.:

On this _____ day of _____, 20____, personally appeared before me
Jagdish A. Desai to me known, and known by me to be the same person
described in and who executed the foregoing instrument, and acknowledged that he (she) executed
the same, of his (her) own free will for the purpose set forth.

(Seal)

Notary Public

Handwritten initials or signature in the top right corner.

Executed this _____ day of _____, 20____.

James J-S Wang L.S.

ACKNOWLEDGEMENT

State of _____)
County of _____) s.s.:

On this _____ day of _____, 20____, personally appeared before me
James J-S Wang to me known, and known by me to be the same person
described in and who executed the foregoing instrument, and acknowledged that he (she) executed
the same, of his (her) own free will for the purpose set forth.

(Seal)

Notary Public

Executed this _____ day of _____, 20____.

Sunil Paliwal L.S.

ACKNOWLEDGEMENT

State of _____)
County of _____) s.s.:

On this _____ day of _____, 20____, personally appeared before me
Sunil Paliwal to me known, and known by me to be the same person described
in and who executed the foregoing instrument, and acknowledged that he (she) executed the same,
of his (her) own free will for the purpose set forth.

(Seal)

Notary Public

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Executed this _____ day of _____, 20____.

Hon-Chung Tsui L.S.

ACKNOWLEDGEMENT

State of _____)
County of _____) s.s.:

On this _____ day of _____, 20____, personally appeared before me
Hon-Chung Tsui to me known, and known by me to be the same person
described in and who executed the foregoing instrument, and acknowledged that he (she) executed
the same, of his (her) own free will for the purpose set forth.

(Seal)

Notary Public

Executed this _____ day of _____, 20____.

Sobhana Babu Boga L.S.

ACKNOWLEDGEMENT

State of _____)
County of _____) s.s.:

On this _____ day of _____, 20____, personally appeared before me
Sobhana Babu Boga to me known, and known by me to be the same person
described in and who executed the foregoing instrument, and acknowledged that he (she) executed
the same, of his (her) own free will for the purpose set forth.

(Seal)

Notary Public

Executed this ____ day of _____, 20____.

Abdul-Basit Alhassan L.S.

ACKNOWLEDGEMENT

State of _____)
County of _____) s.s.:

On this ____ day of _____, 20____, personally appeared before me
Abdul-Basit Alhassan to me known, and known by me to be the same person described in and
who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his
(her) own free will for the purpose set forth.

(Seal)

Notary Public

Executed this ____ day of _____, 20____.

Xiaolei Gao L.S.

ACKNOWLEDGEMENT

State of _____)
County of _____) s.s.:

On this ____ day of _____, 20____, personally appeared before me
Xiaolei Gao to me known, and known by me to be the same person described
in and who executed the foregoing instrument, and acknowledged that he (she) executed the same,
of his (her) own free will for the purpose set forth.

(Seal)

Notary Public

3X

Executed this 19 day of March, 2009.

Liang Zhu L.S.

ACKNOWLEDGEMENT

State of Massachusetts
County of Middlesex } s.s.:

On this 19th day of March, 2009, personally appeared before me
Liang Zhu to me known, and known by me to be the same person described
in and who executed the foregoing instrument, and acknowledged that he (she) executed the same,
of his (her) own free will for the purpose set forth.

(Seal)



LINA M. TERRANOVA
Notary Public
Commonwealth of Massachusetts
My Commission Expires
October 26, 2012

Lina M. Terranova
Notary Public

Executed this _____ day of _____, 20____.

Xin Yao L.S.

ACKNOWLEDGEMENT

State of _____)
County of _____) s.s.:

On this _____ day of _____, 20____, personally appeared before me
Xin Yao to me known, and known by me to be the same person described
in and who executed the foregoing instrument, and acknowledged that he (she) executed the same,
of his (her) own free will for the purpose set forth.

(Seal)

Notary Public