

OLARTEMOURE

OLARTE MOURE & ASOCIADOS LTDA.

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO



No. 11-044772- -00003-0000

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Act. 523 RESPUESTA Folios: 68

Señores

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO

DIRECCIÓN DE NUEVAS CREACIONES

E. S. D.

Ref: Expediente N°. 11-044.772

Solicitud de Patente de Invención titulada: "INHIBIDORES DE LA INTEGRASADEL VIH"

Solicitante: MERCK SHARP & DOHME CORP.

Nuestra Ref: P2011/000076

RESPUESTA AL OFICIO N°. 8253 NOTIFICADO

POR FIJACION EN LISTA No. 193, DE FECHA 20 DE MAYO DE 2011,

(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 primera 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 el que consta la cesión de trece (13) inventores al solicitante, junto con su correspondiente traducción, según lo previsto en el Art. 26-k de la Decisión 486.

Atentamente,

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

Adjunto: Documento de Cesión

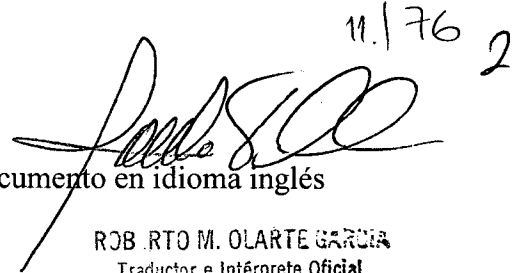
Este documento público es una traducción al español de un documento en idioma inglés
presentado ante mí.

ROBERTO M. OLARTE GARCÍA

Traductor e Intérprete Oficial

Ministerio de Justicia

Licencia 0041/1996

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ROBERTO M. OLARTE GARCÍA

Traductor e Intérprete Oficial

Resolución No. 0041

Minijusticia 1996

APOSTILLA

(Convención de la Haya, Octubre 5, 1961)

1. PAIS: ESTADOS UNIDOS DE AMERICA
2. ESTE DOCUMENTO PÚBLICO HA SIDO FIRMADO POR:
BARBARA ANN COZZI
3. ACTUANDO EN SU CALIDAD DE:
NOTARIO PUBLICO DE NEW JERSEY
4. LLEVA EL SELLO/TIMBRE DE:
BARBARA ANN COZZI, NOTARIO

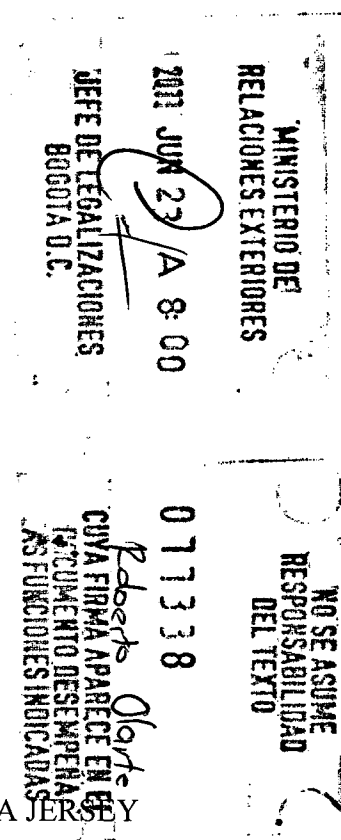
CERTIFICA

5. EN TRENTON, NUEVA JERSEY
6. EL DIA 5 DE ABRIL DE 2011
7. POR: Andrew P Sidamon-Eristoff
Tesorero de Estado
8. No. A421789
9. SELLO/TIMBRE: EL GRAN SELLO DEL ESTADO DE NUEVA JERSEY
10. FIRMADO (ILEGIBLE)

Número de certificado: 120043123

Verifique este certificado en:

https://www1.state.nj.us/TYTR_StandingCert/JSP/Verify_Cert.jsp



COLOMBIA

ESTADO DE NUEVA JERSEY)
CONDADO DE UNION)

Yo, CYNTHIA A. FRANCISCO, por medio de la presente juro que las fotocopias adjuntas de: Cesiones y Acuerdos, Caso No. MRL-IFD-00009S, titulado **"INHIBIDORES DE LA VIH INTEGRASA"**, son unas copias auténticas, fieles y completas de los documentos originales de los cuales yo tengo responsabilidad de custodia.

Firma (Cynthia A. Francisco)
CYNTHIA A. FRANCISCO
DIRECTOR, GESTIÓN DE ACTIVOS

Suscrito y juramentado ante mi el día 11 de febrero de 2011.

(firma) BARBARA ANN COZZI
NOTARIO PÚBLICO

BARBARA ANN COZZI
Notario Público para el Estado de Nueva Jersey
Mi comisión vence el 30 de Noviembre de 2013

Caso Extranjero No.: MRL-IFD-00009S

ROBERTO M. OLARTE GUTIERREZ
Traductor e Intérprete Oficial
Resolución No. 0041
Minijusticia 1996

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Caso Documento No. MRL-IFD-00009S
U.S. Serial No.
Fecha de presentación
Solicitud PCT No.
Fecha de presentación:

CESION Y ACUERDO

Por valor recibido, nosotros, Richard C.A. Isaacs, Wayne J. Thompson, Peter D. Williams, Dai-Shi Su, Shankar Venkatraman, Mark W. Embrey, Thorsten E. Fisher, John S. Wai, David C. Dubost, Richard G. Ball, Eric J. Choi, Tao Pei, Sarah L. Trice

Domiciliados en: Harleysville, PA 19438; Lansdale, PA 19446; Harleysville, PA 19438; Dresher, PA 19025; Lansdale, PA 19446; Harleysville, PA 19438; Hatfield, PA 19440; Harleysville, PA 19438; Collegeville, PA 19426; Edison, NJ 08820; Westfield, NJ 07090; Morganville, NJ 07751; Glenside, PA 19038

por medio de la presente vendemos, cedemos y transferimos a **MERCK & CO.**, una corporación del estado de New Jersey, con una sede en Lincoln Avenue, ciudad de Rahway, Estado de New Jersey, y sus sucesores, cesionarios y representantes legales, todo nuestro derecho, título e interés, para todos los países, en y para ciertos inventos relacionados con

“INHIBIDORES DE LA VIH INTEGRASA”

descrito en una solicitud de Patente con Número de Registro MRL-IFD-00009S, y en la solicitud serial No. 61/195,271, presentada el 10/06/2008;

y todos nuestros derechos y privilegios, incluyendo cualquiera y todos los beneficios bajo la Convención Internacional para la Protección de la Propiedad Industrial, bajo cualquiera y todas las Patentes que puedan ser conferidas, y bajo cualquiera y todas las extensiones, divisionales y re-expediciones y continuaciones de dicha solicitud por Patentes, incluyendo cualquier solicitud extranjera derivadas de la misma, equivalente, o reclamando prioridad en la misma.

Solicitamos que cualquiera y todos las Patentes por dichos inventos sen expedidas a dicho concesionario, o a sus sucesores, cesionarios, y representantes legales, o a sus nominados según este lo designe.

Aceptamos que, a solicitud, nosotros, sin costo alguno para dicho cesionario, pero a expensas de él, realizaremos todos los juramentos legales, y haremos todos los actos que sean necesarios, deseables o convenientes para asegurar y mantener las Patentes para dichos inventos en cualquiera y en todos los países para conferir título a dicho concesionario, o a sus sucesores, cesionarios, y representantes legales, o a sus nominados.

ROB. RTO M. OLARTE GARCIA
Traductor e Intérprete
Resolución No. 8061
Minijusticia 1999

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Nosotros, acordamos con dicho cesionario, o a sus sucesores, cesionarios, y representantes legales, que los derechos y propiedad conferidos con el presente están libres de cualquier gravamen, y que nosotros tenemos todo el derecho para transferir los mismos como se expresa en el presente.

Este documento puede ser firmado en cualquier número de copias, cada una la cual se considerará como original, pero todas aquellas copias comprenderán un sólo y mismo documento.

Por medio de la presente autorizamos a nuestro apoderado Kenneth R. Walton, o a un abogado con Poder de Representación en esta solicitud, del mencionado MERCK & CO., Inc, para insertar el Nr(s) de Serie, Solicitud PCT Nr(s) y Fecha(s) de Presentación de dicha(s) solicitud(es) cuando sean conocidos.

Firmado en MSDFCU el día 28 de octubre de 2009.

Firma (ilegible)
Richard C.A. Isaacs

PENNSYLVANIA
Condado de Montgomery

Personalmente compareció ante mi el citado Richard C.A. Isaacs, conocido para mi como la persona quien firmó el instrumento que antecede y reconoció que dicho instrumento es de su libre acto y escritura a los 28 días del mes de octubre de 2009.

Firma (ilegible)
Notario Público

MANCOMUNIDAD DE PENNSYLVANIA
Sello Notarial
Patricia M. Gower, Notario Público
Lansdale Boro, Condado de Montgomery
Mi comisión vence el 22 de febrero de 2010

Firmado en (ilegible) el día 19 de octubre de 2009.

Firma (ilegible)
Wayne J. Thompson

PENNSYLVANIA
Condado de Montgomery

Personalmente compareció ante mi el citado Wayne J. Thompson, conocido para mi como la persona quien firmó el instrumento que antecede y reconoció que dicho instrumento es de su libre acto y escritura a los 19 días del mes de octubre de 2009.

Firma (ilegible)
Notario Público

ROB. R. F. O. 1077-1177
Traductor a 1177-1177
Resolución No. 1177-1177
Minijusticia 1177

MANCOMUNIDAD DE PENNSYLVANIA
Sello Notarial
Jorge A. López, Notario Público
Upper Moreland Twp, Condado de Montgomery
Mi comisión vence el 24 de marzo de 2011

Firmado en Dresher, PA, el día 17 de octubre de 2009.

Firma (ilegible)
Dai-Shi Su

PENNSYLVANIA
Condado de Montgomery

Personalmente compareció ante mi el citado Dai-Shi Su, conocido para mi como la persona quien firmó el instrumento que antecede y reconoció que dicho instrumento es de su libre acto y escritura a los 17 días del mes de octubre de 2009.

Firma (ilegible)
Notario Público

MANCOMUNIDAD DE PENNSYLVANIA
Sello Notarial
Mary Winslow, Notario Público
Upper Dublin Twp, Condado de Montgomery
Mi comisión vence el 18 de julio de 2010

Firmado en Lansdale, PA, el día 24 de octubre de 2009.

Firma (ilegible)
Shankar Venkatraman

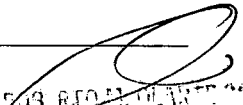
PENNSYLVANIA
Condado de Montgomery

Personalmente compareció ante mi el citado Shankar Venkatraman, conocido para mi como la persona quien firmó el instrumento que antecede y reconoció que dicho instrumento es de su libre acto y escritura a los 24 días del mes de octubre de 2009.

Firma (ilegible)
Notario Público

MANCOMUNIDAD DE PENNSYLVANIA
Sello Notarial
Ann M. Strouse, Notario Público
Lansdale Boro, Condado de Montgomery
Mi comisión vence el 9 de julio de 2013

Firmado en West Point, PA, el día 26 de octubre de 2009.


Traductor e intérprete
Resolución No. 0011
Ministerio 1993

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Firma (ilegible)
Thorsten E. Fisher

PENNSYLVANIA
Condado de Montgomery

Personalmente compareció ante mi el citado Thorsten E. Fisher, conocido para mi como la persona quien firmó el instrumento que antecede y reconoció que dicho instrumento es de su libre acto y escritura a los 26 días del mes de octubre de 2009.

Firma (ilegible)
Notario Público

MANCOMUNIDAD DE PENNSYLVANIA
Sello Notarial
Marjorie M. Bennett, Notario Público
Upper Gwynedd Twp, Condado de Montgomery
Mi comisión vence el 24 de enero de 2011

Firmado en West Point, PA, el día 26 de octubre de 2009.

Firma (ilegible)
Peter D. Williams

PENNSYLVANIA
Condado de Montgomery

Personalmente compareció ante mi el citado Peter D. Williams, conocido para mi como la persona quien firmó el instrumento que antecede y reconoció que dicho instrumento es de su libre acto y escritura a los 26 días del mes de octubre de 2009.

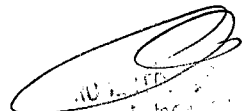
Firma (ilegible)
Notario Público

MANCOMUNIDAD DE PENNSYLVANIA
Sello Notarial
Marjorie M. Bennett, Notario Público
Upper Gwynedd Twp, Condado de Montgomery
Mi comisión vence el 24 de enero de 2011

Firmado en West Point, PA, el día 26 de octubre de 2009.

Firma (ilegible)
Mark W. Embrey

PENNSYLVANIA
Condado de Montgomery


Firma (ilegible)
Notario Público
Mi comisión vence el 24 de enero de 2011

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Personalmente compareció ante mi el citado Mark W. Embrey, conocido para mi como la persona quien firmó el instrumento que antecede y reconoció que dicho instrumento es de su libre acto y escritura a los 26 días del mes de octubre de 2009.

Firma (ilegible)
Notario Público

MANCOMUNIDAD DE PENNSYLVANIA
Sello Notarial
Marjorie M. Bennett, Notario Público
Upper Gwynedd Twp, Condado de Montgomery
Mi comisión vence el 24 de enero de 2011

Firmado en West Point, PA, el día 26 de octubre de 2009.

Firma (ilegible)
John S. Wai

PENNSYLVANIA
Condado de Montgomery

Personalmente compareció ante mi el citado John S. Wai, conocido para mi como la persona quien firmó el instrumento que antecede y reconoció que dicho instrumento es de su libre acto y escritura a los 26 días del mes de octubre de 2009.

Firma (ilegible)
Notario Público

MANCOMUNIDAD DE PENNSYLVANIA
Sello Notarial
Marjorie M. Bennett, Notario Público
Upper Gwynedd Twp, Condado de Montgomery
Mi comisión vence el 24 de enero de 2011

Firmado en West Point, PA, el día 26 de octubre de 2009.

Firma (ilegible)
David C. Dubost

PENNSYLVANIA
Condado de Montgomery

Personalmente compareció ante mi el citado David C. Dubost, conocido para mi como la persona quien firmó el instrumento que antecede y reconoció que dicho instrumento es de su libre acto y escritura a los 26 días del mes de octubre de 2009.

Firma (ilegible)
Notario Público

MANCOMUNIDAD DE PENNSYLVANIA


ROBERT M. ROBERTS
Traductor e Intérprete Oficial
Resolución No. 0041
Minijusticia 1993

Sello Notarial

Marjorie M. Bennett, Notario Público

Upper Gwynedd Twp, Condado de Montgomery

Mi comisión vence el 24 de enero de 2011

Firmado en West Point, PA, el día 26 de octubre de 2009.

Firma (ilegible)

Sarah L. Trice

PENNSYLVANIA

Condado de Montgomery

Personalmente compareció ante mi el citado Sarah L. Trice, conocido para mi como la persona quien firmó el instrumento que antecede y reconoció que dicho instrumento es de su libre acto y escritura a los 26 días del mes de octubre de 2009.

Firma (ilegible)

Notario Público

MANCOMUNIDAD DE PENNSYLVANIA

Sello Notarial

Marjorie M. Bennett, Notario Público

Upper Gwynedd Twp, Condado de Montgomery

Mi comisión vence el 24 de enero de 2011

Firmado en Rahway, NJ, el día 26 de octubre de 2009.

Firma (ilegible)

Richard G. Ball

ESTADO DE NEW JERSEY

Condado de Union

Personalmente compareció ante mi el citado Richard G. Ball, conocido para mi como la persona quien firmó el instrumento que antecede y reconoció que dicho instrumento es de su libre acto y escritura a los 26 días del mes de octubre de 2009.

Firma (ilegible)

Notario Público

KELLY ANN PANNO

NOTARIO PÚBLICO DE NUEVA JERSEY

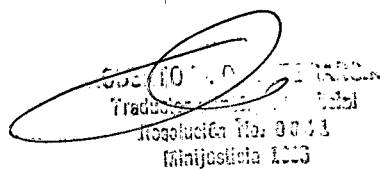
I.D. # 2055142

Mi comisión vence el 26 de julio de 2011

Firmado en Rahway, NJ, el día 26 de octubre de 2009.

Firma (ilegible)

Eric J. Choi


KELLY ANN PANNO
NOTARIO PÚBLICO DE NUEVA JERSEY
I.D. # 2055142
Resolución No. 00011
Minijusticia 1003

ESTADO DE NEW JERSEY
Condado de Union

Personalmente compareció ante mi el citado Eric J. Choi, conocido para mi como la persona quien firmó el instrumento que antecede y reconoció que dicho instrumento es de su libre acto y escritura a los 26 días del mes de octubre de 2009.

Firma (ilegible)
Notario Público

KELLY ANN PANNO
NOTARIO PÚBLICO DE NUEVA JERSEY
I.D. # 2055142
Mi comisión vence el 26 de julio de 2011

Firmado en Rahway, NJ, el día 26 de octubre de 2009.

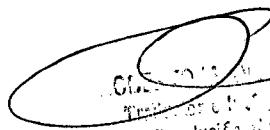
Firma (ilegible)
Tao Pei

ESTADO DE NEW JERSEY
Condado de Union

Personalmente compareció ante mi el citado Tao Pei, conocido para mi como la persona quien firmó el instrumento que antecede y reconoció que dicho instrumento es de su libre acto y escritura a los 26 días del mes de octubre de 2009.

Firma (ilegible)
Notario Público

KELLY ANN PANNO
NOTARIO PÚBLICO DE NUEVA JERSEY
I.D. # 2055142
Mi comisión vence el 26 de julio de 2011


KELLY ANN PANNO
Notario Público
I.D. # 2055142
Mi comisión vence el 26 de julio de 2011

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APOSTILLE

(CONVENTION DE LA HAYE DU 5 OCTOBRE 1961)

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 5TH DAY OF APRIL 2011
7. BY: Andrew P Sidamon-Eristoff
State Treasurer
8. NO: A421789
9. SEAL/STAMP:
10. SIGNATURE



[Handwritten signature]

Certificate Number: 120043123

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

COLOMBIA

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

I, **CYNTHIA A. FRANCISCO**, hereby swear that the attached photocopies of:
Assignments and Agreements, Case No. MRL-IFD-00009S, entitled “HIV INTEGRASE
INHIBITORS”, are true, correct, and complete copies of the original documents for
which I have custodial responsibility.

Cynthia A. Francisco
CYNTHIA A. FRANCISCO
DIRECTOR, ASSET MANAGEMENT

Subscribed and sworn to before me this 11th day of February 2011.

Barbara Ann Cozzi
NOTARY PUBLIC

Foreign Case No.: MRL-IFD-00009S

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

Attorney Docket No. MRL-IFD-00009S

U.S. Serial No. _____

Filing Date _____

PCT Appl. No. _____

Filing Date: _____

ASSIGNMENT AND AGREEMENT

For value received, we Richard C. A. Isaacs, Wayne J. Thompson, Peter D. Williams, Dai-Shi Su, Shankar Venkatraman, Mark W. Embrey, Thorsten E. Fisher, John S. Wai, David C. Dubost, Richard G. Ball, Eric J. Choi, Tao Pei, Sarah L. Trice

of Harleysville, PA 19438; Lansdale, PA 19446; Harleysville, PA 19438; Dresher, PA 19025; Lansdale, PA 19446; Harleysville, PA 19438; Hatfield, PA 19440; Harleysville, PA 19438; Collegeville, PA 19426; Edison, NJ 08820; Westfield, NJ 07090; Morganville, NJ 07751; Glenside, PA 19038

hereby sell, assign and transfer or confirm the grant and assignment to MERCK & CO., Inc., a corporation of the State of New Jersey, having an office at Lincoln Avenue, City of Rahway, State of New Jersey, and its successors, assigns and legal representatives, our entire right, title and interest, for all countries, in and to certain inventions relating to

HIV INTEGRASE INHIBITORS

described in an application for Patents having Attorney Docket Number MRL-IFD-00009S and in application(s) Serial No. 61/195,271 filed on 10/06/2008, and all our rights and privileges, including any and all benefits under the International Convention for the Protection of Industrial Property, under any and all Patents which may be granted therefor, and under any and all extensions, divisionals, reissues and continuations of said applications for Patents, including any foreign applications derived therefrom, equivalent thereto or claiming priority thereof.

We request that any and all Patents for said inventions be issued to said assignee, or to its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining Patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

This document may be executed in any number of counterparts, each of which so executed shall be deemed to be an original, but all such counterparts shall together constitute but one and the same document.

We hereby authorize our attorney, Kenneth R. Walton or an attorney with Power of Attorney in this application, of the said MERCK & CO., Inc., to insert Serial No. (s), PCT Appl. No. (s) and Filing Date (s) of said application(s) when known.

Attorney Docket No. MRL-IFD-00009S

U.S. Serial No. _____

Filing Date _____

PCT Appl. No. _____

Filing Date: _____

ASSIGNMENT AND AGREEMENT

Signed at MSDFCU this 28th day of October, 2009.

Richard C A Isaacs
Richard C. A. Isaacs

Pennsylvania
County of Montgomery } SS.

Personally appeared before me the above-named Richard C. A. Isaacs to me known and known to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed this 28th day of October, 2009.

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Patricia M. Gower, Notary Public
(Seal or stamp) State of Boro, Montgomery County
My Commission Expires Feb. 22, 2010
Member, Pennsylvania Association of Notaries

Patricia M Gower
Signature
Notary Public

Signed at _____ this _____ day of _____, 2009.

Wayne J. Thompson

County of _____ } SS.

Personally appeared before me the above-named Wayne J. Thompson to me known and known to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Attorney Docket No. MRL-IFD-00009S

U.S. Serial No. _____

Filing Date _____

PCT Appl. No. _____

Filing Date: _____

ASSIGNMENT AND AGREEMENT

Signed at West Point, Pennsylvania this _____ day of _____, 2009.

Peter D. Williams

COMMONWEALTH OF PENNSYLVANIA

County of Montgomery

} SS.

Personally appeared before me the above-named Peter D. Williams to me known and known to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Signed at _____ this _____ day of _____, 2009.

Dai-Shi Su

County of _____

} SS.

Personally appeared before me the above-named Dai-Shi Su to me known and known to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Attorney Docket No. MRL-IFD-00009S

U.S. Serial No. _____

Filing Date _____

PCT Appl. No. _____

Filing Date: _____

ASSIGNMENT AND AGREEMENT

Signed at _____ this _____ day of _____, 2009.

Shankar Venkatraman

County of _____ } SS.

Personally appeared before me the above-named Shankar Venkatraman to me known and known to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Signed at West Point, Pennsylvania this _____ day of _____, 2009.

Mark W. Embrey

COMMONWEALTH OF PENNSYLVANIA

County of Montgomery } SS.

Personally appeared before me the above-named Mark W. Embrey to me known and known to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

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PATENT

Attorney Docket No. MRL-IFD-00009S

U.S. Serial No. _____

Filing Date _____

PCT Appl. No. _____

Filing Date: _____

ASSIGNMENT AND AGREEMENT

Signed at _____ this _____ day of _____, 2009.

Thorsten E. Fisher

County of _____ } SS.

Personally appeared before me the above-named Thorsten E. Fisher to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Signed at West Point, Pennsylvania this _____ day of _____, 2009.

John S. Wai

COMMONWEALTH OF PENNSYLVANIA

County of Montgomery } SS.

Personally appeared before me the above-named John S. Wai to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Attorney Docket No. MRL-IFD-00009S

U.S. Serial No. _____

Filing Date _____

PCT Appl. No. _____

Filing Date: _____

ASSIGNMENT AND AGREEMENT

Signed at West Point, Pennsylvania this _____ day of _____, 2009.

David C. Dubost

COMMONWEALTH OF PENNSYLVANIA

County of Montgomery

} SS.

Personally appeared before me the above-named David C. Dubost to me known and known to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Signed at Rahway, New Jersey this _____ day of _____, 2009.

Richard G. Ball

STATE OF NEW JERSEY

County of Union

} SS.

Personally appeared before me the above-named Richard G. Ball to me known and known to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Attorney Docket No. MRL-IFD-00009S

U.S. Serial No. _____

Filing Date _____

PCT Appl. No. _____

Filing Date: _____

ASSIGNMENT AND AGREEMENT

Signed at Rahway, New Jersey this _____ day of _____, 2009.

Eric J. Choi

STATE OF NEW JERSEY }
County of Union } SS.

Personally appeared before me the above-named Eric J. Choi to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Signed at Rahway, New Jersey this _____ day of _____, 2009.

Tao Pei

STATE OF NEW JERSEY }
County of Union } SS.

Personally appeared before me the above-named Tao Pei to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Attorney Docket No. MRL-IFD-00009S

U.S. Serial No. _____

Filing Date _____

PCT Appl. No. _____

Filing Date: _____

ASSIGNMENT AND AGREEMENT

Signed at West Point, Pennsylvania this _____ day of _____, 2009.

Sarah L. Trice

COMMONWEALTH OF PENNSYLVANIA }
County of Montgomery } SS.

Personally appeared before me the above-named Sarah L. Trice to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Signed at _____ this _____ day of _____, _____.

County of _____ } SS.

Personally appeared before me the above-named _____ to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this _____ day of _____, _____.

(Seal or stamp)

Signature
Notary Public

Attorney Docket No. MRL-IFD-00009S

U.S. Serial No. _____

Filing Date _____

PCT Appl. No. _____

Filing Date: _____

ASSIGNMENT AND AGREEMENT

For value received, we Richard C. A. Isaacs, Wayne J. Thompson, Peter D. Williams, Dai-Shi Su, Shankar Venkatraman, Mark W. Embrey, Thorsten E. Fisher, John S. Wai, David C. Dubost, Richard G. Ball, Eric J. Choi, Tao Pei, Sarah L. Trice

of Harleysville, PA 19438; Lansdale, PA 19446; Harleysville, PA 19438; Dresher, PA 19025; Lansdale, PA 19446; Harleysville, PA 19438; Hatfield, PA 19440; Harleysville, PA 19438; Collegeville, PA 19426; Edison, NJ 08820; Westfield, NJ 07090; Morganville, NJ 07751; Glenside, PA 19038

hereby sell, assign and transfer or confirm the grant and assignment to MERCK & CO., Inc., a corporation of the State of New Jersey, having an office at Lincoln Avenue, City of Rahway, State of New Jersey, and its successors, assigns and legal representatives, our entire right, title and interest, for all countries, in and to certain inventions relating to

HIV INTEGRASE INHIBITORS

described in an application for Patents having Attorney Docket Number MRL-IFD-00009S and in application(s) Serial No. 61/195,271 filed on 10/06/2008, and all our rights and privileges, including any and all benefits under the International Convention for the Protection of Industrial Property, under any and all Patents which may be granted therefor, and under any and all extensions, divisionals, reissues and continuations of said applications for Patents, including any foreign applications derived therefrom, equivalent thereto or claiming priority thereof.

We request that any and all Patents for said inventions be issued to said assignee, or to its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining Patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

This document may be executed in any number of counterparts, each of which so executed shall be deemed to be an original, but all such counterparts shall together constitute but one and the same document.

We hereby authorize our attorney, Kenneth R. Walton or an attorney with Power of Attorney in this application, of the said MERCK & CO., Inc., to insert **Serial No. (s)**, **PCT Appl. No. (s)** and **Filing Date (s)** of said application(s) when known.

Attorney Docket No. MRL-IFD-00009S
 U.S. Serial No. _____
 Filing Date _____
 PCT Appl. No. _____
 Filing Date: _____

ASSIGNMENT AND AGREEMENT

Signed at _____ this _____ day of _____, 2009.

Richard C. A. Isaacs

 }
 County of _____ SS.

Personally appeared before me the above-named Richard C. A. Isaacs to me known and known
 to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
 this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Signed at Fazio's Tag Service this 19th day of October, 2009.

Wayne J. Thompson
 Wayne J. Thompson

PA
 }
 County of Montgomery SS.

Personally appeared before me the above-named Wayne J. Thompson to me known and known
 to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
 this 19 day of October, 2009.

COMMONWEALTH OF PENNSYLVANIA
 Notarial Seal
 Jorge A. Lopez, Notary Public
 Upper Moreland Twp., Montgomery County
 My Commission Expires March 24, 2011
 Member, Pennsylvania Association of Notaries

Jorge A. Lopez
 Signature
 Notary Public

Attorney Docket No. MRL-IFD-00009S

U.S. Serial No. _____

Filing Date _____

PCT Appl. No. _____

Filing Date: _____

ASSIGNMENT AND AGREEMENT

Signed at West Point, Pennsylvania this _____ day of _____, 2009.

Peter D. Williams

COMMONWEALTH OF PENNSYLVANIA }

County of Montgomery }

SS.

Personally appeared before me the above-named Peter D. Williams to me known and known to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Signed at _____ this _____ day of _____, 2009.

Dai-Shi Su

County of _____ }

SS.

Personally appeared before me the above-named Dai-Shi Su to me known and known to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Attorney Docket No. MRL-IFD-00009S

U.S. Serial No. _____

Filing Date _____

PCT Appl. No. _____

Filing Date: _____

ASSIGNMENT AND AGREEMENT

Signed at _____ this _____ day of _____, 2009.

Shankar Venkatraman

County of _____ } SS.

Personally appeared before me the above-named Shankar Venkatraman to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Signed at West Point, Pennsylvania this _____ day of _____, 2009.

Mark W. Embrey

COMMONWEALTH OF PENNSYLVANIA

County of Montgomery } SS.

Personally appeared before me the above-named Mark W. Embrey to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Attorney Docket No. MRL-IFD-00009S

U.S. Serial No. _____

Filing Date _____

PCT Appl. No. _____

Filing Date: _____

ASSIGNMENT AND AGREEMENT

Signed at _____ this _____ day of _____, 2009.

Thorsten E. Fisher

County of _____ } SS.

Personally appeared before me the above-named Thorsten E. Fisher to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Signed at West Point, Pennsylvania this _____ day of _____, 2009.

John S. Wai

COMMONWEALTH OF PENNSYLVANIA
County of Montgomery } SS.

Personally appeared before me the above-named John S. Wai to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Attorney Docket No. MRL-IFD-00009S
U.S. Serial No. _____
Filing Date _____
PCT Appl. No. _____
Filing Date: _____

ASSIGNMENT AND AGREEMENT

Signed at West Point, Pennsylvania this _____ day of _____, 2009.

David C. Dubost

COMMONWEALTH OF PENNSYLVANIA }
County of Montgomery } SS.

Personally appeared before me the above-named David C. Dubost to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Signed at Rahway, New Jersey this _____ day of _____, 2009.

Richard G. Ball

STATE OF NEW JERSEY }
County of Union } SS.

Personally appeared before me the above-named Richard G. Ball to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Attorney Docket No. MRL-IFD-00009S

U.S. Serial No. _____

Filing Date _____

PCT Appl. No. _____

Filing Date: _____

ASSIGNMENT AND AGREEMENT

Signed at Rahway, New Jersey this _____ day of _____, 2009.

Eric J. Choi

STATE OF NEW JERSEY

County of Union

} SS.

Personally appeared before me the above-named Eric J. Choi to me known and known to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Signed at Rahway, New Jersey this _____ day of _____, 2009.

Tao Pei

STATE OF NEW JERSEY

County of Union

} SS.

Personally appeared before me the above-named Tao Pei to me known and known to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Attorney Docket No. MRL-IFD-00009S

U.S. Serial No. _____

Filing Date _____

PCT Appl. No. _____

Filing Date: _____

ASSIGNMENT AND AGREEMENT

Signed at West Point, Pennsylvania this _____ day of _____, 2009.

Sarah L. Trice

COMMONWEALTH OF PENNSYLVANIA }
County of Montgomery } SS.

Personally appeared before me the above-named Sarah L. Trice to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Signed at _____ this _____ day of _____, _____.

County of _____ } SS.

Personally appeared before me the above-named _____ to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this _____ day of _____, _____.

(Seal or stamp)

Signature
Notary Public

Attorney Docket No. MRL-IFD-00009S

U.S. Serial No. _____

Filing Date _____

PCT Appl. No. _____

Filing Date: _____

ASSIGNMENT AND AGREEMENT

For value received, we Richard C. A. Isaacs, Wayne J. Thompson, Peter D. Williams, Dai-Shi Su, Shankar Venkatraman, Mark W. Embrey, Thorsten E. Fisher, John S. Wai, David C. Dubost, Richard G. Ball, Eric J. Choi, Tao Pei, Sarah L. Trice

of Harleysville, PA 19438; Lansdale, PA 19446; Harleysville, PA 19438; Dresher, PA 19025; Lansdale, PA 19446; Harleysville, PA 19438; Hatfield, PA 19440; Harleysville, PA 19438; Collegeville, PA 19426; Edison, NJ 08820; Westfield, NJ 07090; Morganville, NJ 07751; Glenside, PA 19038

hereby sell, assign and transfer or confirm the grant and assignment to MERCK & CO., Inc., a corporation of the State of New Jersey, having an office at Lincoln Avenue, City of Rahway, State of New Jersey, and its successors, assigns and legal representatives, our entire right, title and interest, for all countries, in and to certain inventions relating to

HIV INTEGRASE INHIBITORS

described in an application for Patents having Attorney Docket Number MRL-IFD-00009S and in application(s) Serial No. 61/195,271 filed on 10/06/2008, and all our rights and privileges, including any and all benefits under the International Convention for the Protection of Industrial Property, under any and all Patents which may be granted therefor, and under any and all extensions, divisionals, reissues and continuations of said applications for Patents, including any foreign applications derived therefrom, equivalent thereto or claiming priority thereof.

We request that any and all Patents for said inventions be issued to said assignee, or to its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining Patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

This document may be executed in any number of counterparts, each of which so executed shall be deemed to be an original, but all such counterparts shall together constitute but one and the same document.

We hereby authorize our attorney, Kenneth R. Walton or an attorney with Power of Attorney in this application, of the said MERCK & CO., Inc., to insert Serial No. (s), PCT Appl. No. (s) and Filing Date (s) of said application(s) when known.

Attorney Docket No. MRL-IFD-00009S

U.S. Serial No. _____

Filing Date _____

PCT Appl. No. _____

Filing Date: _____

ASSIGNMENT AND AGREEMENT

Signed at _____ this _____ day of _____, 2009.

Richard C. A. Isaacs

County of _____ } SS.

Personally appeared before me the above-named Richard C. A. Isaacs to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Signed at _____ this _____ day of _____, 2009.

Wayne J. Thompson

County of _____ } SS.

Personally appeared before me the above-named Wayne J. Thompson to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Attorney Docket No. MRL-IFD-00009S

U.S. Serial No. _____

Filing Date _____

PCT Appl. No. _____

Filing Date: _____

ASSIGNMENT AND AGREEMENT

Signed at West Point, Pennsylvania this _____ day of _____, 2009.

Peter D. Williams

COMMONWEALTH OF PENNSYLVANIA

County of Montgomery

} SS.

Personally appeared before me the above-named Peter D. Williams to me known and known to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Signed at Dresher, PA this 17 day of Oct., 2009.

Dai-Shi Su

STATE of PA
County of MONTGOMERY

} SS.

Personally appeared before me the above-named Dai-Shi Su to me known and known to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed this 17 day of October, 2009.

(Seal or stamp)

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Mary Winslow, Notary Public
Upper Dublin Twp., Montgomery County
My Commission Expires July 18, 2010
Member, Pennsylvania Association of Notaries

Signature
Notary Public

PATENT

Attorney Docket No. MRL-IFD-00009S

U.S. Serial No. _____

Filing Date _____

PCT Appl. No. _____

Filing Date: _____

ASSIGNMENT AND AGREEMENT

Signed at _____ this _____ day of _____, 2009.

Shankar Venkatraman

County of _____ } SS.

Personally appeared before me the above-named Shankar Venkatraman to me known and known to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Signed at West Point, Pennsylvania this _____ day of _____, 2009.

Mark W. Embrey

COMMONWEALTH OF PENNSYLVANIA

County of Montgomery } SS.

Personally appeared before me the above-named Mark W. Embrey to me known and known to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Attorney Docket No. MRL-IFD-00009S
U.S. Serial No. _____
Filing Date _____
PCT Appl. No. _____
Filing Date: _____

ASSIGNMENT AND AGREEMENT

Signed at _____ this _____ day of _____, 2009.

Thorsten E. Fisher

County of _____ } SS.

Personally appeared before me the above-named Thorsten E. Fisher to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this _____ day of _____, 2009.



(Seal or stamp)

Signature
Notary Public

Signed at West Point, Pennsylvania this _____ day of _____, 2009.

John S. Wai

COMMONWEALTH OF PENNSYLVANIA

County of Montgomery } SS.

Personally appeared before me the above-named John S. Wai to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this _____ day of _____, 2009.



(Seal or stamp)

Signature
Notary Public

34

PATENT

Attorney Docket No. MRL-IFD-00009S

U.S. Serial No. _____

Filing Date _____

PCT Appl. No. _____

Filing Date: _____

ASSIGNMENT AND AGREEMENT

Signed at West Point, Pennsylvania this _____ day of _____, 2009.

David C. Dubost

COMMONWEALTH OF PENNSYLVANIA

County of Montgomery

}
SS.

Personally appeared before me the above-named David C. Dubost to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Signed at Rahway, New Jersey this _____ day of _____, 2009.

Richard G. Ball

STATE OF NEW JERSEY

County of Union

}
SS.

Personally appeared before me the above-named Richard G. Ball to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Attorney Docket No. MRL-IFD-00009S

U.S. Serial No. _____

Filing Date _____

PCT Appl. No. _____

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ASSIGNMENT AND AGREEMENT

Signed at Rahway, New Jersey this _____ day of _____, 2009.

Eric J. Choi

STATE OF NEW JERSEY }
County of Union } SS.

Personally appeared before me the above-named Eric J. Choi to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Signed at Rahway, New Jersey this _____ day of _____, 2009.

Tao Pei

STATE OF NEW JERSEY }
County of Union } SS.

Personally appeared before me the above-named Tao Pei to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Attorney Docket No. MRL-IFD-00009S

U.S. Serial No. _____

Filing Date _____

PCT Appl. No. _____

Filing Date: _____

ASSIGNMENT AND AGREEMENT

Signed at West Point, Pennsylvania this _____ day of _____, 2009.

Sarah L. Trice

COMMONWEALTH OF PENNSYLVANIA

County of Montgomery

} SS.

Personally appeared before me the above-named Sarah L. Trice to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Signed at _____ this _____ day of _____, _____.

County of _____ } SS.

Personally appeared before me the above-named _____ to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this _____ day of _____, _____.

(Seal or stamp)

Signature
Notary Public

Attorney Docket No. MRL-IFD-00009S

U.S. Serial No. _____

Filing Date _____

PCT Appl. No. _____

Filing Date: _____

ASSIGNMENT AND AGREEMENT

For value received, we Richard C. A. Isaacs, Wayne J. Thompson, Peter D. Williams, Dai-Shi Su, Shankar Venkatraman, Mark W. Embrey, Thorsten E. Fisher, John S. Wai, David C. Dubost, Richard G. Ball, Eric J. Choi, Tao Pei, Sarah L. Trice

of Harleysville, PA 19438; Lansdale, PA 19446; Harleysville, PA 19438; Dresher, PA 19025; Lansdale, PA 19446; Harleysville, PA 19438; Hatfield, PA 19440; Harleysville, PA 19438; Collegeville, PA 19426; Edison, NJ 08820; Westfield, NJ 07090; Morganville, NJ 07751; Glenside, PA 19038

hereby sell, assign and transfer or confirm the grant and assignment to MERCK & CO., Inc., a corporation of the State of New Jersey, having an office at Lincoln Avenue, City of Rahway, State of New Jersey, and its successors, assigns and legal representatives, our entire right, title and interest, for all countries, in and to certain inventions relating to

HIV INTEGRASE INHIBITORS

described in an application for Patents having Attorney Docket Number MRL-IFD-00009S and in application(s) Serial No. 61/195,271 filed on 10/06/2008, and all our rights and privileges, including any and all benefits under the International Convention for the Protection of Industrial Property, under any and all Patents which may be granted therefor, and under any and all extensions, divisionals, reissues and continuations of said applications for Patents, including any foreign applications derived therefrom, equivalent thereto or claiming priority thereof.

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We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining Patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

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We hereby authorize our attorney, Kenneth R. Walton or an attorney with Power of Attorney in this application, of the said MERCK & CO., Inc., to insert Serial No. (s), PCT Appl. No. (s) and Filing Date (s) of said application(s) when known.

Attorney Docket No. MRL-IFD-00009S

U.S. Serial No. _____

Filing Date _____

PCT Appl. No. _____

Filing Date: _____

ASSIGNMENT AND AGREEMENT

Signed at _____ this _____ day of _____, 2009.

Richard C. A. Isaacs

County of _____ } SS.

Personally appeared before me the above-named Richard C. A. Isaacs to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Signed at _____ this _____ day of _____, 2009.

Wayne J. Thompson

County of _____ } SS.

Personally appeared before me the above-named Wayne J. Thompson to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Attorney Docket No. MRL-IFD-00009S

U.S. Serial No. _____

Filing Date _____

PCT Appl. No. _____

Filing Date: _____

ASSIGNMENT AND AGREEMENT

Signed at West Point, Pennsylvania this _____ day of _____, 2009.

Peter D. Williams

COMMONWEALTH OF PENNSYLVANIA

County of Montgomery

} SS.

Personally appeared before me the above-named Peter D. Williams to me known and known to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Signed at _____ this _____ day of _____, 2009.

Dai-Shi Su

County of _____

} SS.

Personally appeared before me the above-named Dai-Shi Su to me known and known to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Attorney Docket No. MRL-IFD-00009S

U.S. Serial No. _____

Filing Date _____

PCT Appl. No. _____

Filing Date: _____

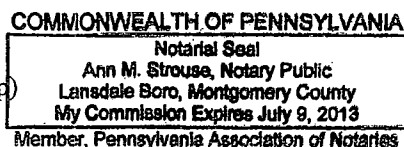
ASSIGNMENT AND AGREEMENTSigned at Lansdale, PA this 24 day of October, 2009.

Shankar Venkatraman
Shankar Venkatraman

PENNSYLVANIA
County of Montgomery } SS.

Personally appeared before me the above-named Shankar Venkatraman to me known and known to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed this 24 day of October, 2009.

(Seal or stamp)



[Signature]
Signature
Notary Public

Signed at West Point, Pennsylvania this _____ day of _____, 2009.

Mark W. Embrey

COMMONWEALTH OF PENNSYLVANIA
County of Montgomery } SS.

Personally appeared before me the above-named Mark W. Embrey to me known and known to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Attorney Docket No. MRL-IFD-00009S

U.S. Serial No. _____

Filing Date _____

PCT Appl. No. _____

Filing Date: _____

ASSIGNMENT AND AGREEMENT

Signed at _____ this _____ day of _____, 2009.

Thorsten E. Fisher

County of _____ } SS.

Personally appeared before me the above-named Thorsten E. Fisher to me known and known to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Signed at West Point, Pennsylvania this _____ day of _____, 2009.

John S. Wai

COMMONWEALTH OF PENNSYLVANIA

County of Montgomery } SS.

Personally appeared before me the above-named John S. Wai to me known and known to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

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PATENT

Attorney Docket No. MRL-IFD-00009S

U.S. Serial No. _____

Filing Date _____

PCT Appl. No. _____

Filing Date: _____

ASSIGNMENT AND AGREEMENT

Signed at West Point, Pennsylvania this _____ day of _____, 2009.

David C. Dubost

COMMONWEALTH OF PENNSYLVANIA }

County of Montgomery

SS.

Personally appeared before me the above-named David C. Dubost to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Signed at Rahway, New Jersey this _____ day of _____, 2009.

Richard G. Ball

STATE OF NEW JERSEY }

County of Union

SS.

Personally appeared before me the above-named Richard G. Ball to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Attorney Docket No. MRL-IFD-00009S

U.S. Serial No. _____

Filing Date _____

PCT Appl. No. _____

Filing Date: _____

ASSIGNMENT AND AGREEMENTSigned at Rahway, New Jersey this _____ day of _____, 2009._____
Eric J. ChoiSTATE OF NEW JERSEY }County of Union }

SS.

Personally appeared before me the above-named Eric J. Choi to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Signed at Rahway, New Jersey this _____ day of _____, 2009._____
Tao PeiSTATE OF NEW JERSEY }County of Union }

SS.

Personally appeared before me the above-named Tao Pei to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

44

Attorney Docket No. MRL-IFD-00009S

U.S. Serial No. _____

Filing Date _____

PCT Appl. No. _____

Filing Date: _____

ASSIGNMENT AND AGREEMENT

Signed at West Point, Pennsylvania this _____ day of _____, 2009.

Sarah L. Trice

COMMONWEALTH OF PENNSYLVANIA

County of Montgomery

} SS.

Personally appeared before me the above-named Sarah L. Trice to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Signed at _____ this _____ day of _____, _____.

County of _____ } SS.

Personally appeared before me the above-named _____ to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this _____ day of _____, _____.

(Seal or stamp)

Signature
Notary Public

Attorney Docket No. MRL-IFD-00009S

U.S. Serial No. _____

Filing Date _____

PCT Appl. No. _____

Filing Date: _____

ASSIGNMENT AND AGREEMENT

For value received, we Richard C. A. Isaacs, Wayne J. Thompson, Peter D. Williams, Dai-Shi Su, Shankar Venkatraman, Mark W. Embrey, Thorsten E. Fisher, John S. Wai, David C. Dubost, Richard G. Ball, Eric J. Choi, Tao Pei, Sarah L. Trice

of Harleysville, PA 19438; Lansdale, PA 19446; Harleysville, PA 19438; Dresher, PA 19025; Lansdale, PA 19446; Harleysville, PA 19438; Hatfield, PA 19440; Harleysville, PA 19438; Collegeville, PA 19426; Edison, NJ 08820; Westfield, NJ 07090; Morganville, NJ 07751; Glenside, PA 19038

hereby sell, assign and transfer or confirm the grant and assignment to MERCK & CO., Inc., a corporation of the State of New Jersey, having an office at Lincoln Avenue, City of Rahway, State of New Jersey, and its successors, assigns and legal representatives, our entire right, title and interest, for all countries, in and to certain inventions relating to

HIV INTEGRASE INHIBITORS

described in an application for Patents having Attorney Docket Number MRL-IFD-00009S and in application(s) Serial No. 61/195,271 filed on 10/06/2008, and all our rights and privileges, including any and all benefits under the International Convention for the Protection of Industrial Property, under any and all Patents which may be granted therefor, and under any and all extensions, divisionals, reissues and continuations of said applications for Patents, including any foreign applications derived therefrom, equivalent thereto or claiming priority thereof.

We request that any and all Patents for said inventions be issued to said assignee, or to its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining Patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

This document may be executed in any number of counterparts, each of which so executed shall be deemed to be an original, but all such counterparts shall together constitute but one and the same document.

We hereby authorize our attorney, Kenneth R. Walton or an attorney with Power of Attorney in this application, of the said MERCK & CO., Inc., to insert Serial No. (s), PCT Appl. No. (s) and Filing Date (s) of said application(s) when known.

Attorney Docket No. MRL-IFD-00009S
U.S. Serial No. _____
Filing Date _____
PCT Appl. No. _____
Filing Date: _____

ASSIGNMENT AND AGREEMENT

Signed at _____ this _____ day of _____, 2009.

Richard C. A. Isaacs

County of _____ } SS.

Personally appeared before me the above-named Richard C. A. Isaacs to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Signed at _____ this _____ day of _____, 2009.

Wayne J. Thompson

County of _____ } SS.

Personally appeared before me the above-named Wayne J. Thompson to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Attorney Docket No. MRL-IFD-00009S

U.S. Serial No. _____

Filing Date _____

PCT Appl. No. _____

Filing Date: _____

ASSIGNMENT AND AGREEMENT

Signed at West Point, Pennsylvania this _____ day of _____, 2009.

Peter D. Williams

COMMONWEALTH OF PENNSYLVANIA }

County of Montgomery

SS.

Personally appeared before me the above-named Peter D. Williams to me known and known to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Signed at _____ this _____ day of _____, 2009.

Dai-Shi Su

County of _____

SS.

Personally appeared before me the above-named Dai-Shi Su to me known and known to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Attorney Docket No. MRL-IFD-00009S
U.S. Serial No. _____
Filing Date _____
PCT Appl. No. _____
Filing Date: _____

ASSIGNMENT AND AGREEMENT

Signed at _____ this _____ day of _____, 2009.

Shankar Venkatraman

County of _____ } SS.

Personally appeared before me the above-named Shankar Venkatraman to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this _____ day of _____, 2009.



(Seal or stamp)

Signature
Notary Public

Signed at West Point, Pennsylvania this _____ day of _____, 2009.

Mark W. Embrey

COMMONWEALTH OF PENNSYLVANIA
County of Montgomery } SS.

Personally appeared before me the above-named Mark W. Embrey to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this _____ day of _____, 2009.



(Seal or stamp)

Signature
Notary Public

Attorney Docket No. MRL-IFD-00009S

U.S. Serial No. _____

Filing Date _____

PCT Appl. No. _____

Filing Date: _____

ASSIGNMENT AND AGREEMENT

Signed at West Point PA this 26 day of October, 2009.

Thorsten E. Fisher
 Thorsten E. Fisher

Commonwealth of PA
 County of Montgomery

} SS.

Personally appeared before me the above-named Thorsten E. Fisher to me known and known
 to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
 this 26 day of October, 2009.

(Seal or stamp)

Marjorie M. Bennett
 COMMONWEALTH OF PENNSYLVANIA
 Notarial Seal Notary Public
 Marjorie M. Bennett, Notary Public
 Upper Gwynedd Twp., Montgomery County
 My Commission Expires Jan. 24, 2011
 Member, Pennsylvania Association of Notaries

Signed at West Point, Pennsylvania this _____ day of _____, 2009.

John S. Wai

COMMONWEALTH OF PENNSYLVANIA
 County of Montgomery

} SS.

Personally appeared before me the above-named John S. Wai to me known and known
 to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
 this _____ day of _____, 2009.

(Seal or stamp)

 Signature
 Notary Public

Attorney Docket No. MRL-IFD-00009S

U.S. Serial No. _____

Filing Date _____

PCT Appl. No. _____

Filing Date: _____

ASSIGNMENT AND AGREEMENT

Signed at West Point, Pennsylvania this _____ day of _____, 2009.

David C. Dubost

COMMONWEALTH OF PENNSYLVANIA

County of Montgomery

} SS.

Personally appeared before me the above-named David C. Dubost to me known and known to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Signed at Rahway, New Jersey this _____ day of _____, 2009.

Richard G. Ball

STATE OF NEW JERSEY

County of Union

} SS.

Personally appeared before me the above-named Richard G. Ball to me known and known to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

51

PATENT

Attorney Docket No. MRL-IFD-00009S

U.S. Serial No. _____

Filing Date _____

PCT Appl. No. _____

Filing Date: _____

ASSIGNMENT AND AGREEMENT

Signed at Rahway, New Jersey this _____ day of _____, 2009.

Eric J. Choi

STATE OF NEW JERSEY }
County of Union } SS.

Personally appeared before me the above-named Eric J. Choi to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Signed at Rahway, New Jersey this _____ day of _____, 2009.

Tao Pei

STATE OF NEW JERSEY }
County of Union } SS.

Personally appeared before me the above-named Tao Pei to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Attorney Docket No. MRL-IFD-00009S
U.S. Serial No. _____
Filing Date _____
PCT Appl. No. _____
Filing Date: _____

ASSIGNMENT AND AGREEMENT

Signed at West Point, Pennsylvania this _____ day of _____, 2009.

Sarah L. Trice

COMMONWEALTH OF PENNSYLVANIA

County of Montgomery

} SS.

Personally appeared before me the above-named Sarah L. Trice to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Signed at _____ this _____ day of _____, _____.

County of _____

} SS.

Personally appeared before me the above-named _____ to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this _____ day of _____, _____.

(Seal or stamp)

Signature
Notary Public

Attorney Docket No. MRL-IFD-00009S

U.S. Serial No. _____

Filing Date _____

PCT Appl. No. _____

Filing Date: _____

ASSIGNMENT AND AGREEMENT

For value received, we Richard C. A. Isaacs, Wayne J. Thompson, Peter D. Williams, Dai-Shi Su, Shankar Venkatraman, Mark W. Embrey, Thorsten E. Fisher, John S. Wai, David C. Dubost, Richard G. Ball, Eric J. Choi, Tao Pei, Sarah L. Trice

of Harleysville, PA 19438; Lansdale, PA 19446; Harleysville, PA 19438; Dresher, PA 19025; Lansdale, PA 19446; Harleysville, PA 19438; Hatfield, PA 19440; Harleysville, PA 19438; Collegeville, PA 19426; Edison, NJ 08820; Westfield, NJ 07090; Morganville, NJ 07751; Glenside, PA 19038

hereby sell, assign and transfer or confirm the grant and assignment to MERCK & CO., Inc., a corporation of the State of New Jersey, having an office at Lincoln Avenue, City of Rahway, State of New Jersey, and its successors, assigns and legal representatives, our entire right, title and interest, for all countries, in and to certain inventions relating to

HIV INTEGRASE INHIBITORS

described in an application for Patents having Attorney Docket Number MRL-IFD-00009S and in application(s) Serial No. 61/195,271 filed on 10/06/2008, and all our rights and privileges, including any and all benefits under the International Convention for the Protection of Industrial Property, under any and all Patents which may be granted therefor, and under any and all extensions, divisionals, reissues and continuations of said applications for Patents, including any foreign applications derived therefrom, equivalent thereto or claiming priority thereof.

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We covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

This document may be executed in any number of counterparts, each of which so executed shall be deemed to be an original, but all such counterparts shall together constitute but one and the same document.

We hereby authorize our attorney, Kenneth R. Walton or an attorney with Power of Attorney in this application, of the said MERCK & CO., Inc., to insert Serial No. (s), PCT Appl. No. (s) and Filing Date (s) of said application(s) when known.

SP

PATENT

Attorney Docket No. MRL-IFD-00009S

U.S. Serial No. _____

Filing Date _____

PCT Appl. No. _____

Filing Date: _____

ASSIGNMENT AND AGREEMENT

Signed at _____ this _____ day of _____, 2009.

Richard C. A. Isaacs

County of _____ } SS.

Personally appeared before me the above-named Richard C. A. Isaacs to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Signed at _____ this _____ day of _____, 2009.

Wayne J. Thompson

County of _____ } SS.

Personally appeared before me the above-named Wayne J. Thompson to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Attorney Docket No. MRL-IFD-00009S

U.S. Serial No. _____

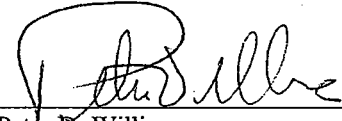
Filing Date _____

PCT Appl. No. _____

Filing Date: _____

ASSIGNMENT AND AGREEMENT

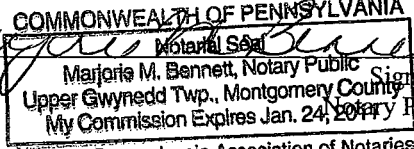
Signed at West Point, Pennsylvania this 26th day of October, 2009.


Peter D. Williams

COMMONWEALTH OF PENNSYLVANIA }
County of Montgomery } SS.

Personally appeared before me the above-named Peter D. Williams to me known and known to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed this 26 day of October, 2009.

(Seal or stamp)


COMMONWEALTH OF PENNSYLVANIA
Marjorie M. Bennett, Notary Public
Upper Gwynedd Twp., Montgomery County
My Commission Expires Jan. 24, 2011
Member, Pennsylvania Association of Notaries

Signed at _____ this _____ day of _____, 2009.

Dai-Shi Su

County of _____ } SS.

Personally appeared before me the above-named Dai-Shi Su to me known and known to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Attorney Docket No. MRL-IFD-00009S

U.S. Serial No. _____

Filing Date _____

PCT Appl. No. _____

Filing Date: _____

ASSIGNMENT AND AGREEMENT

Signed at _____ this _____ day of _____, 2009.

Shankar Venkatraman_____
County of _____ } SS.

Personally appeared before me the above-named Shankar Venkatraman to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Signed at West Point, Pennsylvania this 26 day of October, 2009._____
Mark W. Embrey

COMMONWEALTH OF PENNSYLVANIA
County of Montgomery } SS.

Personally appeared before me the above-named Mark W. Embrey to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this 26 day of October, 2009.

(Seal or stamp)

Signature
Notary Public

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Marjorie M. Bennett, Notary Public
Upper Gwynedd Twp., Montgomery County
My Commission Expires Jan. 24, 2011
Member, Pennsylvania Association of Notaries

Attorney Docket No. MRL-IFD-00009S

U.S. Serial No. _____

Filing Date _____

PCT Appl. No. _____

Filing Date: _____

ASSIGNMENT AND AGREEMENT

Signed at _____ this _____ day of _____, 2009.

Thorsten E. Fisher

County of _____ } SS.

Personally appeared before me the above-named Thorsten E. Fisher to me known and known to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Signed at West Point, Pennsylvania this 26 day of October, 2009.

John S. Wai
John S. Wai

COMMONWEALTH OF PENNSYLVANIA
County of Montgomery } SS.

Personally appeared before me the above-named John S. Wai to me known and known to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed this 26 day of October, 2009.

(Seal or stamp)

Marjorie M. Bennett
Notarial Seal Signature
Marjorie M. Bennett, Notary Public
Upper Gwynedd Twp., Montgomery County
My Commission Expires Jan. 24, 2011
Member, Pennsylvania Association of Notaries

Attorney Docket No. MRL-IFD-00009S

U.S. Serial No. _____

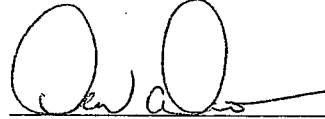
Filing Date _____

PCT Appl. No. _____

Filing Date: _____

ASSIGNMENT AND AGREEMENT

Signed at West Point, Pennsylvania this 26 day of October, 2009.



David C. Dubost

COMMONWEALTH OF PENNSYLVANIA }

County of Montgomery

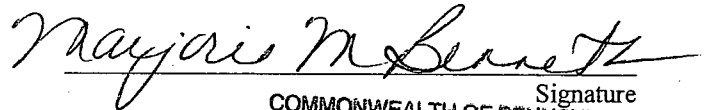
SS.

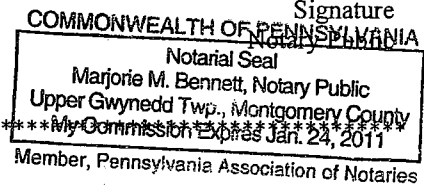
Personally appeared before me the above-named David C. Dubost to me known and known

to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed

this 26 day of October, 2009.

(Seal or stamp)





Signed at Rahway, New Jersey this _____ day of _____, 2009.

Richard G. Ball

STATE OF NEW JERSEY }

County of Union

SS.

Personally appeared before me the above-named Richard G. Ball to me known and known

to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed

this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

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PATENT

Attorney Docket No. MRL-IFD-00009S
U.S. Serial No. _____
Filing Date _____
PCT Appl. No. _____
Filing Date: _____

ASSIGNMENT AND AGREEMENT

Signed at Rahway, New Jersey this _____ day of _____, 2009.

Eric J. Choi

STATE OF NEW JERSEY }
County of Union } SS.

Personally appeared before me the above-named Eric J. Choi to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this _____ day of _____, 2009.



(Seal or stamp)

Signature
Notary Public

Signed at Rahway, New Jersey this _____ day of _____, 2009.

Tao Pei

STATE OF NEW JERSEY }
County of Union } SS.

Personally appeared before me the above-named Tao Pei to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this _____ day of _____, 2009.



(Seal or stamp)

Signature
Notary Public

Attorney Docket No. MRL-IFD-00009S

U.S. Serial No. _____

Filing Date _____

PCT Appl. No. _____

Filing Date: _____

ASSIGNMENT AND AGREEMENT

Signed at West Point, Pennsylvania this 26 day of October, 2009.

Sarah L. Trice
Sarah L. Trice

COMMONWEALTH OF PENNSYLVANIA }
County of Montgomery } SS.

Personally appeared before me the above-named Sarah L. Trice to me known and known to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed this 26 day of October, 2009.

(Seal or stamp)

Marjorie M. Bennett

COMMONWEALTH OF PENNSYLVANIA
Notary Seal
Marjorie M. Bennett, Notary Public
Upper Gwynedd Twp., Montgomery County
My Commission Expires Jan. 23, 2011
Member, Pennsylvania Association of Notaries

Signed at _____ this _____ day of _____.

_____ }
County of _____ } SS.

Personally appeared before me the above-named _____ to me known and known to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed this _____ day of _____.

(Seal or stamp)

Signature
Notary Public

Attorney Docket No. MRL-IFD-00009S

U.S. Serial No. _____

Filing Date _____

PCT Appl. No. _____

Filing Date: _____

ASSIGNMENT AND AGREEMENT

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of Harleysville, PA 19438; Lansdale, PA 19446; Harleysville, PA 19438; Dresher, PA 19025; Lansdale, PA 19446; Harleysville, PA 19438; Hatfield, PA 19440; Harleysville, PA 19438; Collegeville, PA 19426; Edison, NJ 08820; Westfield, NJ 07090; Morganville, NJ 07751; Glenside, PA 19038

hereby sell, assign and transfer or confirm the grant and assignment to MERCK & CO., Inc., a corporation of the State of New Jersey, having an office at Lincoln Avenue, City of Rahway, State of New Jersey, and its successors, assigns and legal representatives, our entire right, title and interest, for all countries, in and to certain inventions relating to

HIV INTEGRASE INHIBITORS

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We hereby authorize our attorney, Kenneth R. Walton or an attorney with Power of Attorney in this application, of the said MERCK & CO., Inc., to insert Serial No. (s), PCT Appl. No. (s) and Filing Date (s) of said application(s) when known.

Attorney Docket No. MRL-IFD-00009S

U.S. Serial No. _____

Filing Date _____

PCT Appl. No. _____

Filing Date: _____

ASSIGNMENT AND AGREEMENT

Signed at _____ this _____ day of _____, 2009.

Richard C. A. Isaacs

County of _____ } SS.

Personally appeared before me the above-named Richard C. A. Isaacs to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Signed at _____ this _____ day of _____, 2009.

Wayne J. Thompson

County of _____ } SS.

Personally appeared before me the above-named Wayne J. Thompson to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Attorney Docket No. MRL-IFD-00009S
U.S. Serial No. _____
Filing Date _____
PCT Appl. No. _____
Filing Date: _____

ASSIGNMENT AND AGREEMENT

Signed at West Point, Pennsylvania this _____ day of _____, 2009.

Peter D. Williams

COMMONWEALTH OF PENNSYLVANIA

County of Montgomery

}
SS.

Personally appeared before me the above-named Peter D. Williams to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Signed at _____ this _____ day of _____, 2009.

Dai-Shi Su

County of _____

}
SS.

Personally appeared before me the above-named Dai-Shi Su to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

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PATENT

Attorney Docket No. MRL-IFD-00009S
U.S. Serial No. _____
Filing Date _____
PCT Appl. No. _____
Filing Date: _____

ASSIGNMENT AND AGREEMENT

Signed at _____ this _____ day of _____, 2009.

Shankar Venkatraman

County of _____ } SS.

Personally appeared before me the above-named Shankar Venkatraman to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this _____ day of _____, 2009.



(Seal or stamp)

Signature
Notary Public

Signed at West Point, Pennsylvania this _____ day of _____, 2009.

Mark W. Embrey

COMMONWEALTH OF PENNSYLVANIA

County of Montgomery } SS.

Personally appeared before me the above-named Mark W. Embrey to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this _____ day of _____, 2009.



(Seal or stamp)

Signature
Notary Public

65

PATENT

Attorney Docket No. MRL-IFD-00009S

U.S. Serial No. _____

Filing Date _____

PCT Appl. No. _____

Filing Date: _____

ASSIGNMENT AND AGREEMENT

Signed at _____ this _____ day of _____, 2009.

Thorsten E. Fisher

County of _____

} SS.

Personally appeared before me the above-named Thorsten E. Fisher to me known and known to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Signed at West Point, Pennsylvania this _____ day of _____, 2009.

John S. Wai

COMMONWEALTH OF PENNSYLVANIA

County of Montgomery

} SS.

Personally appeared before me the above-named John S. Wai to me known and known to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Attorney Docket No. MRL-IFD-00009S

U.S. Serial No. _____

Filing Date _____

PCT Appl. No. _____

Filing Date: _____

ASSIGNMENT AND AGREEMENT

Signed at West Point, Pennsylvania this _____ day of _____, 2009.

David C. Dubost

COMMONWEALTH OF PENNSYLVANIA

County of Montgomery

} SS.

Personally appeared before me the above-named David C. Dubost to me known and known to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Signed at Rahway, New Jersey this 26th day of October, 2009.

Richard G. Ball
Richard G. Ball

STATE OF NEW JERSEY

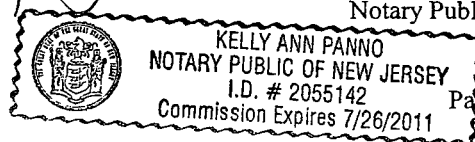
County of Union

} SS.

Personally appeared before me the above-named Richard G. Ball to me known and known to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed this 26th day of October, 2009.

(Seal or stamp)

Signature
Notary Public



Attorney Docket No. MRL-IFD-00009S

U.S. Serial No. _____

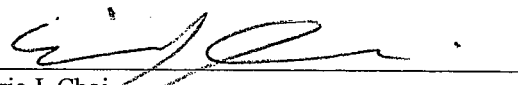
Filing Date _____

PCT Appl. No. _____

Filing Date: _____

ASSIGNMENT AND AGREEMENT

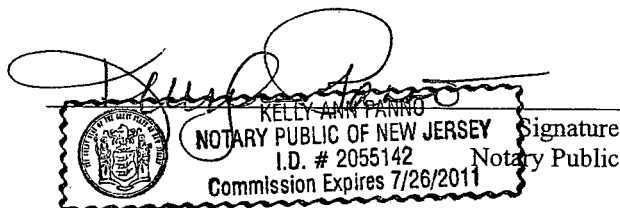
Signed at Rahway, New Jersey this 26 day of October, 2009.


Eric J. Choi

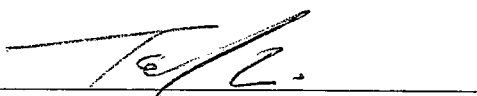
STATE OF NEW JERSEY }
County of Union } SS.

Personally appeared before me the above-named Eric J. Choi to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this 26th day of October, 2009.

(Seal or stamp)



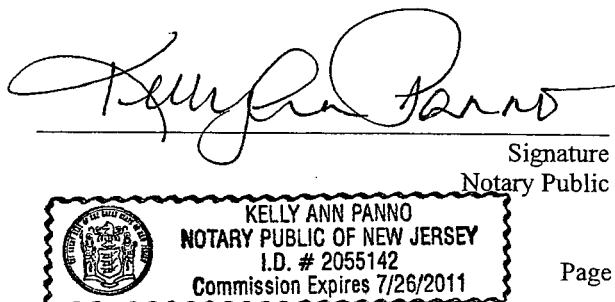
Signed at Rahway, New Jersey this 26th day of October, 2009.


Tao Pei

STATE OF NEW JERSEY }
County of Union } SS.

Personally appeared before me the above-named Tao Pei to me known and known
to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed
this 26th day of October, 2009.

(Seal or stamp)



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PATENT

Attorney Docket No. MRL-IFD-00009S

U.S. Serial No. _____

Filing Date _____

PCT Appl. No. _____

Filing Date: _____

ASSIGNMENT AND AGREEMENT

Signed at West Point, Pennsylvania this _____ day of _____, 2009.

Sarah L. Trice

COMMONWEALTH OF PENNSYLVANIA }

County of Montgomery

SS.

Personally appeared before me the above-named Sarah L. Trice to me known and known to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed this _____ day of _____, 2009.

(Seal or stamp)

Signature
Notary Public

Signed at _____ this _____ day of _____.

County of _____

SS.

Personally appeared before me the above-named _____ to me known and known to me to be the person who executed the foregoing instrument and acknowledged said instrument to be their free act and deed this _____ day of _____.

(Seal or stamp)

Signature
Notary Public