

Clarke, Modet & Cº

COLOMBIA

P-3159

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO
DIVISION DE NUEVAS CREACIONES

E. S. D.

Ref.: Expediente No. 11.158.583
Solicitud de Patente a nombre de
PHARMASSET, INC.

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO



No. 11-158583- -00002-0000

Fecha: 2012-02-20 15:47:39 Dep. 2020 DIR.NUEVASCR
Tra. 11 PATENTEIYII Eve: 378 FASENACIONALI
Act. 444 RESPUESTAREQUE Folios: 16

Yo, DILIA MARÍA RODRÍGUEZ D'ALEMAN, identificada como aparece al pie de mi firma, domiciliada en la Carrera 11 No. 86-53, piso 6, obrando como apoderada de la sociedad **PHARMASSET, INC.**, solicitante de la patente de la referencia, en respuesta al oficio No. 19963 notificado por fijación en lista el día 23 de Diciembre de 2011, atentamente me permito presentar:

1. Documentos donde consta la cesión del derecho a la patente otorgada por los inventores a favor de mi mandante.

Sobre los apartes en inglés, es importante resaltar que de conformidad con las normas legales vigentes, artículo 1 de la Resolución 210 de 2001, expedida por el Superintendente de Industria y Comercio y artículo 2 de la Convención de la Haya, el documento en inglés que se pretenda aportar como parte de los trámites de propiedad industrial ante la Superintendencia de Industria y Comercio no requieren traducción. Por otro lado, la legalización consular y/o diplomática de los documentos expedidos en el extranjero no es necesaria. Por lo tanto, los documentos anexos a este memorial son válidamente presentados en idioma inglés y con la correspondiente apostilla.

Espero con esto haber dado cabal cumplimiento a lo solicitado por ese despacho y de conformidad con lo indicado en los artículos 3º, inciso 3, 35 inciso 2 y 59 inciso 2 del CCA, al analizar este memorial, atentamente ruego se traten todas las cuestiones planteadas con motivo del mismo.

Señor Superintendente,

DILIA MARÍA RODRÍGUEZ D'ALEMAN
C.C. 41.654.882 de Bogotá.
T.P. 20824 CSJ

State of Minnesota

p-3159

SECRETARY OF STATE

APOSTILLE

(Convention de La Haye du 5 octobre 1961)

1. Country: United States of America

This Public Document: Attached Letter

2. has been signed by Kay Louise Woodward

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

4. bears the seal/stamp of Kay Louise Woodward, Notary Public, State of Minnesota

CERTIFIED

5. at: St. Paul, Minnesota

6. Date: February 09, 2012

7. by: Secretary of State, State of Minnesota

8. File No: AL20120209051

9. Seal/Stamp:

10. Signature



Mark Ritchie
Mark Ritchie
Secretary of State

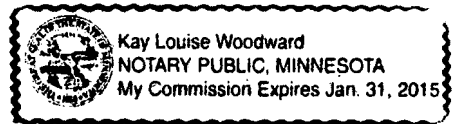
2

NOTARIAL CERTIFICATE

State of Minnesota)
) ss.
County of Hennepin)

I hereby certify that attached hereto is a true and correct copy of the Assignment to Pharmasset, Inc. of patent rights, as filed with the United States Patent and Trademark Office in Patent Application Serial No. 12/783,680, filed May 20, 2010, for "NUCLEOSIDE PHOSPHORAMIDATES".

Kay L. Woodward
Notary Public



Dated: February 9, 2012

[seal]



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE



AUGUST 04, 2010

501252427

PTAS

DANIEL R. EVANS
MERCHANT & GOULD, P.C
P.O. BOX 2903
MINNEAPOLIS, MN 55402-0903

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 08/04/2010

REEL/FRAME: 024787/0336
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
DOCKET NUMBER: 60137.0045USU1

ASSIGNOR:
ROSS, BRUCE

DOC DATE: 07/20/2010

ASSIGNOR:
SOFIA, MICHAEL JOSEPH

DOC DATE: 07/30/2010

ASSIGNOR:
PAMULAPATI, GANAPATI REDDY

DOC DATE: 07/30/2010

ASSIGNOR:
RACHAKONDA, SUGUNA

DOC DATE: 07/28/2010

ASSIGNOR:
ZHANG, HAI-REN

DOC DATE: 08/02/2010

ASSIGNOR:
CHUN, BYOUNG-KWON

DOC DATE: 07/30/2010

024787/0336 PAGE 2

ASSIGNOR:
WANG, PEIYUAN

DOC DATE: 07/30/2010

ASSIGNEE:
PHARMASSET, INC.
303-A COLLEGE ROAD EAST
PRINCETON, NEW JERSEY 08540

SERIAL NUMBER: 12783680
PATENT NUMBER:
TITLE: NUCLEOSIDE PHOSPHORAMIDATES

FILING DATE: 05/20/2010
ISSUE DATE:

ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION

5

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

08/04/2010
501252427

SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>BRUCE ROSS</td><td>07/20/2010</td></tr><tr><td>MICHAEL JOSEPH SOFIA</td><td>07/30/2010</td></tr><tr><td>GANAPATI REDDY PAMULAPATI</td><td>07/30/2010</td></tr><tr><td>SUGUNA RACHAKONDA</td><td>07/28/2010</td></tr><tr><td>HAI-REN ZHANG</td><td>08/02/2010</td></tr><tr><td>BYOUNG-KWON CHUN</td><td>07/30/2010</td></tr><tr><td>PEIYUAN WANG</td><td>07/30/2010</td></tr></tbody></table>	Name	Execution Date	BRUCE ROSS	07/20/2010	MICHAEL JOSEPH SOFIA	07/30/2010	GANAPATI REDDY PAMULAPATI	07/30/2010	SUGUNA RACHAKONDA	07/28/2010	HAI-REN ZHANG	08/02/2010	BYOUNG-KWON CHUN	07/30/2010	PEIYUAN WANG	07/30/2010	
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BYOUNG-KWON CHUN	07/30/2010																
PEIYUAN WANG	07/30/2010																
RECEIVING PARTY DATA																	
<table><tr><td>Name:</td><td>PHARMASSET, INC.</td></tr><tr><td>Street Address:</td><td>303-A College Road East</td></tr><tr><td>City:</td><td>Princeton</td></tr><tr><td>State/Country:</td><td>NEW JERSEY</td></tr><tr><td>Postal Code:</td><td>08540</td></tr></table>	Name:	PHARMASSET, INC.	Street Address:	303-A College Road East	City:	Princeton	State/Country:	NEW JERSEY	Postal Code:	08540							
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Property Type	Number																
Application Number:	12783680																
CORRESPONDENCE DATA																	
Fax Number: (404)954-5099 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
Phone: 404.954.5100																	
Email: devans@merchantgould.com																	
Correspondent Name: DANIEL R. EVANS																	
Address Line 1: MERCHANT & GOULD, P.C																	
Address Line 2: P.O. BOX 2903																	
Address Line 4: MINNEAPOLIS, MINNESOTA 55402-0903																	
ATTORNEY DOCKET NUMBER:	60137.0045USU1																

12783680
CH \$40.00

NAME OF SUBMITTER:

DANIEL R. EVANS

Total Attachments: 2

source=12783680 Signed Assignment - 60137.0045usu1#page1.tif

source=12783680 Signed Assignment - 60137.0045usu1#page2.tif

ASSIGNMENT OF U.S. PATENT APPLICATION

WHEREAS, we, **BRUCE ROSS**, residing at 8 Keppel Road, Plainsboro, NJ 08536; **MICHAEL JOSEPH SOFIA**, residing at 3066 Antler Drive, Doylestown, PA 18901; **GANAPATI REDDY PAMULAPATI**, residing at 4608 Hunters Glen Drive, Plainsboro, NJ 08536; **SUGUNA RACHAKONDA**, residing at 1272 Sharonbrook Drive, Twinsburg, OH 44087; **HAI-REN ZHANG**, residing at 8680 Manahan Drive, Ellicott City, MD 21043; **BYOUNG-KWON CHUN**, residing at 135 Heritage Street, Robbinsville, NJ 08691; and **PEIYUAN WANG**, residing at 20 Radburn Road, Glen Rock, NJ 07452, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on May 20, 2010, application no. 12/783,680 which is entitled **NUCLEOSIDE PHOSPHORAMIDATES**.

AND WHEREAS, **PHARMASSET, INC.**, a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 303-A College Road East, Princeton, NJ 08540 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

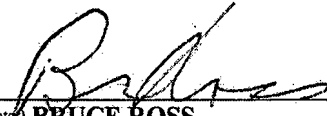
NOW THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, WE, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

WE hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of OUR entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its successor and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by us had this Assignment and sale not been made.

Further, WE agree that WE will communicate to said ASSIGNEE or its representatives any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possession and in any and all foreign countries.

The undersigned hereby grants the law firm of Merchant & Gould, P.C. of 3200 IDS Center, 80 South Eighth Street, Minneapolis, Minnesota 55402-0903 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: 7/24/10


(Signature of Inventor) **BRUCE ROSS**

Date: 7/30/10


(Signature of Inventor) **MICHAEL JOSEPH SOFIA**

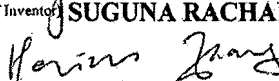
Date: 7/30/2010


(Signature of Inventor) **GANAPATI REDDY PAMULAPATI**

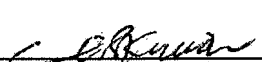
Date: 7/28/2010


(Signature of Inventor) **SUGUNA RACHAKONDA**

Date: 8/02/2010


(Signature of Inventor) **HAI-REN ZHANG**

Date: 7/30/2010


(Signature of Inventor) **BYOUNG-KWON CHUN**

Date: 7/30/2010


(Signature of Inventor) **PEIYUAN WANG**

Merchant & Gould, P.C.
ATTORNEYS AT LAW
3200 IDS Center, 80 South Eighth Street
Minneapolis, Minnesota 55402-090

APOSTILLE

(CONVENTION DE LA HAYE DU 5 OCTOBRE 1961)

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

CERTIFIED

5. AT TRENTON, NEW JERSEY
6. THE 9TH DAY OF FEBRUARY 2012
7. BY: Andrew P Sidamon-Eristoff
State Treasurer
8. NO: A448288
9. SEAL/STAMP:
10. SIGNATURE



A handwritten signature in black ink, appearing to be "A. P. Sidamon-Eristoff".

Certificate Number: 122999923

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

Clarke, Modet & Cº

COLOMBIA

E-MAIL: info@clarkemodet.com.co
SANTAFÉ DE BOGOTÁ, A.A. 92397 COLOMBIA

CESION

ASSIGNMENT

El (la) abajo firmante (En adelante EL CEDENTE)

The undersigned (Hereinafter THE ASSIGNOR)

1. ROSS, Bruce, S.
2. SOFIA, Michael, Joseph
3. PAMULAPATI, Ganapati, Reddy
4. RACHAKONDA, Suguna
5. ZHANG, Hai-ren
6. CHUN, Byoung-kwon
7. WANG, Peiyuan

1. ROSS, Bruce, S.
2. SOFIA, Michael, Joseph
3. PAMULAPATI, Ganapati, Reddy
4. RACHAKONDA, Suguna
5. ZHANG, Hai-ren
6. CHUN, Byoung-kwon
7. WANG, Peiyuan

en su carácter de inventor /diseñador
con domicilio en:

- 1.8 Keppel Road, Plainsboro, New Jersey 08536, Estados Unidos de América.
- 2.3066 Antler Road, Doylestown, Pennsylvania 18902, Estados Unidos de América
- 3.4608 Hunters Glen Drive, Plainsboro, New Jersey 08536, Estados Unidos de América
- 4.144 Burnet Crescent, Robbinsville, New Jersey 08691, Estados Unidos de América
- 5.8680 Manahan Drive, Ellicott City, Maryland 21043, Estados Unidos de América
- 6.135 Heritage Street, Robbinsville, New Jersey 08691, Estados Unidos de América
7. 20 Radburn Road, Glen Rock, New Jersey 07452, Estados Unidos de América.

Inventor /designor of domiciled at :

- 1.8 Keppel Road, Plainsboro, New Jersey 08536, United States of America.
- 2.3066 Antler Road, Doylestown, Pennsylvania 18902, United States of America.
- 3.4608 Hunters Glen Drive, Plainsboro, New Jersey 08536, United States of America.
- 4.144 Burnet Crescent, Robbinsville, New Jersey 08691, United States of America.
- 5.8680 Manahan Drive, Ellicott City, Maryland 21043, United States of America.
- 6.135 Heritage Street, Robbinsville, New Jersey 08691, United States of America.
7. 20 Radburn Road, Glen Rock, New Jersey 07452, United States of America.

por el presente documento declara que cede todos y cada uno de los derechos que le corresponden o puedan corresponderle sobre la siguiente invención, modelo de utilidad, diseño industrial No. PCT/US2010/035641

do hereby declares that it assigns all and each of his rights and privileges on the following invention, industrial design, utility model No. PCT/US2010/035641

a: PHARMASSET, INC.

to PHARMASSET, INC.

con domicilio en 303A College Road East, Princeton, New Jersey 08540, Estados Unidos de América.

with domicile in 303A College Road East, Princeton, New Jersey 08540, United States of America

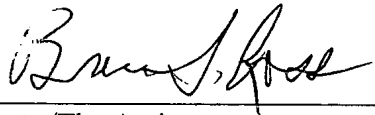
En prueba de la mutua aceptación de esta cesión ambas partes CEDENTE y CESIONARIO firman el presente documento.

As a proof of the mutual acceptance of this assignment, both parties ASSIGNOR and ASSIGNEE sign the present document.

Dado y firmado en
A los Días de De

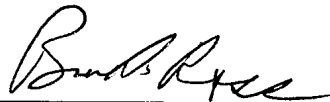
Granted and signed at Princeton, New Jersey
on this day of January 2012 of

1. ROSS, Bruce, S.



El Cedente /The Assignor

1. ROSS, Bruce, S.



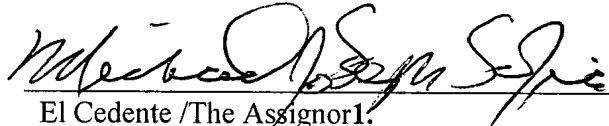
El Cedente /The Assignor

2. SOFIA, Michael, Joseph



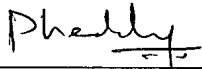
El Cedente /The Assignor1.

2. SOFIA, Michael, Joseph



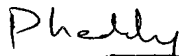
El Cedente /The Assignor1.

3. PAMULAPATI, Ganapati, Reddy



El Cedente /The Assignor.

3. PAMULAPATI, Ganapati, Reddy



El Cedente /The Assignor.

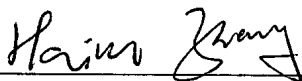
4. RACHAKONDA, Suguna

El Cedente /The Assignor.

4. RACHAKONDA, Suguna

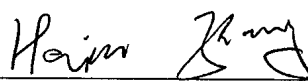
El Cedente /The Assignor.

5. ZHANG, Hai-ren



El Cedente /The Assignor.

5. ZHANG, Hai-ren



El Cedente /The Assignor.

6. CHUN, Byoung-kwon



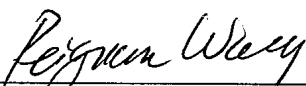
El Cedente /The Assignor.

6. CHUN, Byoung-Kwon

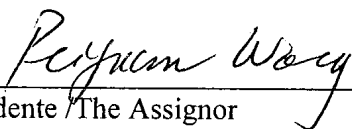


El Cedente /The Assignor.

7. WANG, Peiyuan


El Cedente /The Assignor

7. WANG, Peiyuan


El Cedente /The Assignor

ROBERTS, Bryce A.
Vice President & Secretary

El Cesionario/The Assignee

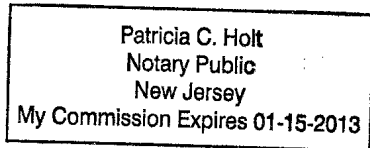

El Cesionario/The Assignee

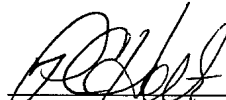
Este documento debe ser otorgado ante Notario
público y legalizado por el Cónsul de
Colombia) o por Apostilla

(This document must be signed before Notary
Public and legalized before the colombian
Consul) or by Apostille

On this 3rd day of January, 2012, before me personally appeared Bruce S. Ross to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

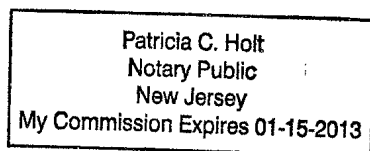
[SEAL]




Notary Public

On this 3rd day of January, 2012, before me personally appeared Michael Joseph Sofia to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

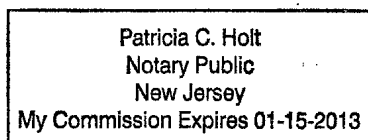
[SEAL]




Notary Public

On this 3rd day of January, 2012, before me personally appeared Ganapati Reddy Pamulapati to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

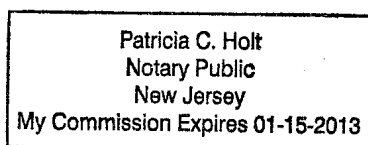
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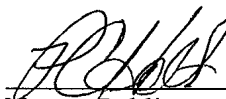



Notary Public

On this 3rd day of January, 2012, before me personally appeared Hai-Ren Zhang to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

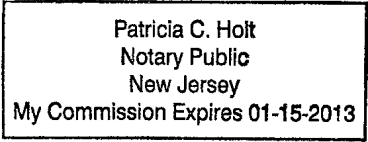
[SEAL]




Notary Public

On this 3rd day of January, 2012, before me personally appeared Byoung-Kwon Chun to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

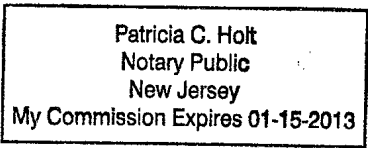


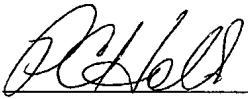


Notary Public

On this 3rd day of January, 2012, before me personally appeared Peiyuan Wang to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

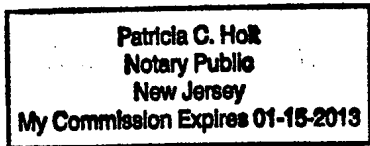




Notary Public

On this 3rd day of January 2012, before me personally appeared Bryce A. Roberts ,
to me known and known to me to be the person described in and who executed the foregoing
instrument, and he duly acknowledged to me that he executed the same for the uses and purposes
therein set forth.

[SEAL]





Notary Public