

ESCOBAR - URIBE ASOCIADOS

A B O G A D O S

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3027/PCT

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO

DIVISION DE NUEVAS CREACIONES

E.

S.

D.

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO
Rad: 07-003318- -00002-0000
Fec: 2007-02-20 13:03:38 Desp. 2007-02-20 13:03:38
INB. 11 PATENTE
LVR: 3/11 FASE NACIONAL
ACT 444 RESPUESTA ALEJUE F-0806 U

Ref.: Expediente No. 07.003.318

Solicitud de Patente a nombre de

Idera Pharmaceuticals, Inc.

Yo, JIMENA ESCOBAR URIBE, identificada como aparece al pie de mi firma, domiciliada en la carrera 11 A No. 94-76, of. 305, obrando como apoderada de la sociedad **Idera Pharmaceuticals, Inc.**, domiciliada en 345 Vassar Street, Cambridge, Massachusetts 02139, Estados Unidos de América, solicitante de la patente de la referencia, en respuesta al oficio No. 1965 del 9 de febrero de 2007, me permito presentar documento (1) en que consta la cesión del derecho a la patente otorgado por los inventores a favor de mi mandante.

Sobre el particular, 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, el documento de cesión anexo a este memorial es válidamente presentado 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,


JIMENA ESCOBAR URIBE

C.C.39.779.452 de Usaquén

T.P. 68228

Cód. 5376

3027 ✓
1352

The Commonwealth of Massachusetts

William Francis Galvin
Secretary of the Commonwealth

APOSTILLE

(Convention de La Haye du 5 octobre 1961)

1. **Country:** United States of America

This public document

2. **has been signed by:** Adrienne Drago Sa

3. **acting in the capacity of:** Notary Public

4. **bears the seal/stamp of:** the State of Massachusetts

whose commission expires on: March 1, 2013

Certified

5. **at:** Boston, Massachusetts

6. **the:** 27 February, 2007

7. **by:** the Secretary of the Commonwealth

8. **No.:** 1210547

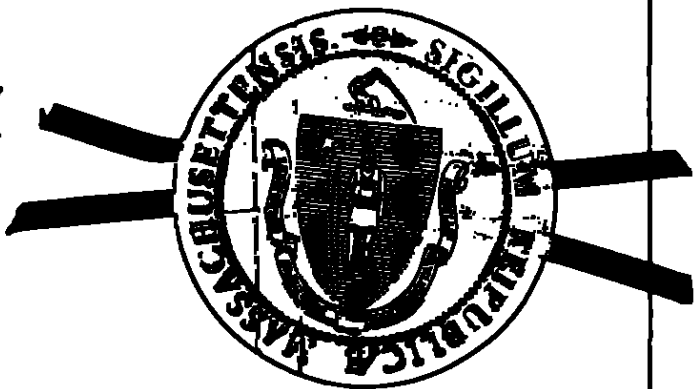
9. **Seal/stamp:**

Great Seal of the Commonwealth

10. **Signature:**

William Francis Galvin

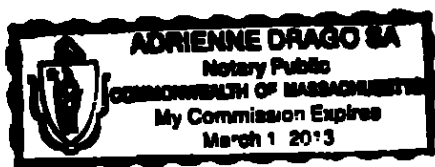
William Francis Galvin
Secretary of the Commonwealth



To Whom It May Concern:

On this 27th day of February, 2007, I certify that the attached document is a true, exact, complete, and unaltered copy made by me of the Assignment Document, presented to me by an Officer of Idera Pharmaceuticals, Inc.

(Official Seal)



Adrienne Drago SA



HYB-031US2-4

RECEIVED
JAN 19 2006

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UNITED STATES PATENT AND TRADEMARK OFFICE BY: MS.

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

JANUARY 10, 2006

PTAS



103086156A

JOSEPH C. ZUCCHERO
KEOWN & ASSOCIATES
500 WEST CUMMINGS PARK
SUITE 1200
WOBUN, MA 01801UNITED 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 DIVISION, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 09/16/2005

REEL/FRAME: 016994/0707
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

AGRAWAL, SUDHIR

DOC DATE: 08/01/2005

ASSIGNOR:

KANDIMALLA, EKAMBAR

DOC DATE: 08/02/2005

ASSIGNOR:

YU, DONG

DOC DATE: 08/01/2005

ASSIGNEE:

HYBRIDON, INC.
345 VASSAR STREET
CAMBRIDGE, MASSACHUSETTS 02139

SERIAL NUMBER: 11174282

FILING DATE: 07/01/2005

PATENT NUMBER:

ISSUE DATE:

TITLE: IMMUNOSTIMULATORY OLIGONUCLEOTIDE MULTIMERS

138-8

016994/0707 PAGE 2

DOROTHY WILLIAMS, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

09-21-2005

Form PTO-1595 (Rev. 09/04)
OMB No. 0651-0027 (exp. 6/30/2008)U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office103086158
PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

1. Sudhir Agrawal
2. Elanbar Kerdinets
3. Dong Yu

Execution Date(s) 8/1/05 2. 8/2/05 3. 8/1/05

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 8424, Confirmatory License
☐ Other

2. Name and address of receiving party(ies)

Name: Hybrid, Inc.

Internal Address:

Street Address: 345 Vassar Street

City: Cambridge

State: MA

Country: USA

Zip: 02138

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

11/174,282

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Joseph C. Zucharo

Internal Address: Keown & Associates

Street Address: 500 West Cummings Park

Suite 1200

City: Woburn

State: MA

Zip: 01801

Phone Number: 781-938-1806

Fax Number: 781-938-5777

Email Address:

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting fee)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 80-2285

Authorized User Name Keown & Associates

9. Signature:

Joseph C. Zucharo

Signature

9/17/05

Date

Joseph C. Zucharo (Reg. No. 65,782)

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 4

Documents to be recorded (including cover sheet) should be sent to (703) 305-5005, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1489, Alexandria, VA 22313-1489

09/22/2005 000007 50225 11174282
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ASSIGNMENT

WHEREAS we, Sudhir Agrawal, being a citizen of the United States of America and residing at 61 Lamplighter Drive, Shrewsbury, MA 01545-5456; Ekambar Kandimalla, being a citizen of the United States of America and residing at 6 Candlewood Lane, Southboro, MA 01772-1981; and Dong Yu, being a citizen of the P.R. China and residing at 25 Indian Pond Road, Westboro, MA 01581-1145, are the inventors of certain new and useful inventions and discoveries, for which we have made an application for Letters Patent entitled **IMMUNOSTIMULATORY OLIGONUCLEOTIDE MULTIMERS**, which application was filed on July 1, 2005, in the United States Patent and Trademark Office and assigned serial number 11/174,282; and

WHEREAS Hybridon, Inc., a corporation existing under the laws of the United States of America, whose address is 345 Vassar Street, Cambridge, Massachusetts 02139, United States of America, which together with its successors and assigns is hereinafter called "ASSIGNEE," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

NOW THEREFORE, for and in consideration of good and valuable consideration furnished by ASSIGNEE to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservations:

1. Assign, transfer and convey to ASSIGNEE the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part, and convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon, or arise from, said inventions, said discoveries, said applications and said Letters Patent;

2. Authorize ASSIGNEE to file patent applications in any or all countries on any or all of said inventions and discoveries in my name or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable, under International Conventions or otherwise;
3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments throughout the world to issue or transfer all said Letters Patent to ASSIGNEE as ASSIGNEE of the entire right, title and interest therein or otherwise as ASSIGNEE may direct;
4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same, or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to ASSIGNEE without encumbrance;
5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon ASSIGNEE's request and at ASSIGNEE's expense, but without additional consideration to us or them, all acts reasonably serving to assure that said inventions and discoveries, said patent applications, and said Letters Patents shall be held and enjoyed by ASSIGNEE as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives and assigns as if this Assignment had not been made; and particularly to execute and deliver to ASSIGNEE all lawful application documents including petitions, specifications and oaths, and all assignments, disclaimers and lawful affidavits in form and substance as may be requested by ASSIGNEE; and to communicate to ASSIGNEE all facts known to me relating to said inventions and discoveries or the history thereof, and to testify as to the same in any court or proceeding; and to furnish ASSIGNEE any and all documents, photographs, models, samples and other physical exhibits in my control or in the control of my heirs, legal representatives or assigns which may be useful for establishing the facts of my

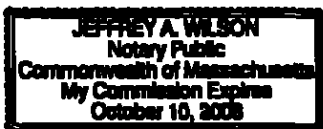
conceptions, disclosures, and reduction to practice of said invention and discoveries.

IN TESTIMONY WHEREOF, We have hereunto set our hands and seals.

Date: Aug. 1 '05

Sudhir Agrawal
Sudhir Agrawal

Then personally appeared before me this 1st day of August, 2005,
the above named Dr. Sudhir Agrawal who acknowledged the execution of the
foregoing instrument to be his free act and deed.

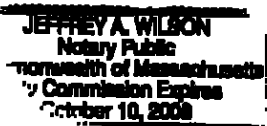


Jeffrey A. Wilson
Notary Public

Date: Aug. 2 '05

Ekamber Kandimalla
Ekamber Kandimalla

Then personally appeared before me this 2nd day of August, 2005,
the above named Dr. Ekamber Kandimalla who acknowledged the execution of the
foregoing instrument to be his free act and deed.

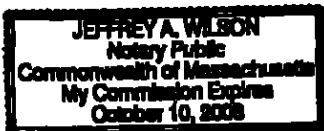


Jeffrey A. Wilson
Notary Public

Date: 8-01-05

Dong Yu
Dong Yu

Then personally appeared before me this 1st day of August, 2005,
the above named Dr. Dong Yu who acknowledged the execution of the
foregoing instrument to be his free act and deed.



Jeffrey A. Wilson
Notary Public