

Form PTO-1595 (Rev. 01-09)
OMB No. 0651-0027 (exp. 02/28/2009)

U.S. DEPARTMENT OF COMMERCE
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RECORDATION FORM COVER SHEET 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)
 1) Dylan B. England - Executed 11/28/2011
 2) Kenneth M. Gigstad - Executed 11/30/2011
 3) Alexandra E. Gould - Executed 11/29/2011
 4) Liting Ma - Executed 11/23/2011
 5) He Xu - Executed 11/23/2011
 Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
 Name: Millennium Pharmaceuticals, Inc.
 Internal Address: _____
 Street Address: 40 Landsdowne Street
 City: Cambridge
 State: MA
 Country: United States Zip: 02139
 Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):
 Execution Date(s) See execution dates above
 Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

4. Application or patent number(s): This document is being filed together with a new application.
 A. Patent Application No.(s)
13/273,433
 B. Patent No.(s)
 Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:
 Name: Sian L. Griffiths
 Internal Address: Millennium Pharmaceuticals, Inc.
 Street Address: 40 Landsdowne Street
 City: Cambridge
 State: MA Zip: 02139
 Phone Number: 617-444-2189
 Fax Number: 617-551-8820
 Email Address: Sian.Griffiths@mpi.com

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 to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Payment Information
 Deposit Account Number 501668
 Authorized User Name Sian L. Griffiths

9. Signature: Sian Griffiths December 14, 2011
 Signature Date
 Sian L. Griffiths
 Name of Person Signing
 Total number of pages including cover sheet, attachments, and documents: 9

Documents to be recorded (including cover sheet) should be faxed to (871) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

CH \$40.00 501668 13273433

Practitioner's Docket No. MPI10-017P2RNM

PATENT

For: U.S. and Foreign Rights

For: U.S. Application

By: Inventors

ASSIGNMENT OF INVENTION

WHEREAS,

ASSIGNORS:

Dylan B. England

9 Wayne Road, Milford, Massachusetts 01757

Nationality: Canada

Kenneth M. Gigstad

18 Briarwood Drive, Westford, Massachusetts 01886

Nationality: United States of America

Alexandra E. Gould

23 R. Fairmont Street, Cambridge, Massachusetts 02139

Nationality: United States of America

Liting Ma

41 Oak Street, Needham, Massachusetts 02492

Nationality: China

He Xu

43 Glover Road, Needham, Massachusetts 02494

Nationality: China

have co-invented a certain invention entitled:

SUBSTITUTED HYDROXAMIC ACIDS AND USES THEREOF

for which they have executed an application for a United States patent, which was filed on October 14, 2011, under U.S. Application No. 13/273,433; and

WHEREAS,

ASSIGNEE:

MILLENNIUM PHARMACEUTICALS, INC.

40 Landsdowne Street

Cambridge, Massachusetts 02139

State of Incorporation: Delaware

PATENT

REEL: 027414 FRAME: 0276

Practitioner's Docket No. MPI10-017P2RNM

is desirous of acquiring ASSIGNORS' entire domestic and foreign right, title, and interest in and under the invention described in the patent application;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNORS hereby, without reservations, sell, assign and transfer to ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and to the invention in the United States and in every foreign country, and our entire right, title, and interest in and to the patent application and such other applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, National phase applications, including petty patent applications and utility model applications) as may be filed on the invention in the United States or in any foreign country, and the patents, extensions, or derivations thereof, both foreign and domestic, that may issue thereon; said invention, applications, and patents to be held and enjoyed by ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said patents may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made.

ASSIGNORS hereby authorize the ASSIGNEE to insert in this assignment document the filing date and application number of the application if the date and number are unavailable at the time this document is executed.

ASSIGNORS hereby acknowledge that this assignment, being of our entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein. ASSIGNORS further acknowledge that this assignment carries with it the right in ASSIGNEE to claim under the Patent Cooperation Treaty, the International Convention and/or other international arrangement for any such application the date of the United States application (or any other application on the invention) to gain priority with respect to other applications.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNORS further covenant that we will at any time upon request, without further or additional consideration, but at the expense of the ASSIGNEE, execute and deliver such additional assignments and other writings and do such additional acts as the ASSIGNEE may deem necessary or desirable to perfect the ASSIGNEE's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the United States or of any and all foreign countries on the invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representative of all parties hereto.

Practitioner's Docket No. MPI10-017P2RNM

AND, ASSIGNORS do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 28th day of November, 2011.



Signature of Inventor Dylan B. England



Witness 1 Signature

Brian Scott Freeze

Witness 1 (Typed or Handwritten) Name

67 Gates St Unit 1, Boston, MA 02127

Witness 1 Address



Witness 2 Signature

Matt Duffey

Witness 2 (Typed or Handwritten) Name


1 Emerson Pl. #8E, Boston, MA 02114

Witness 2 Address

Practitioner's Docket No. MPI10-017P2RNM

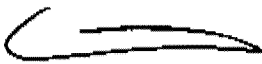
IN WITNESS WHEREOF, I have hereunto set my hand and seal this 30 day of November, 2011.


Signature of Inventor Kenneth M. Gigstad


Witness 1 Signature

STEVEN PAUL LANGSTON
Witness 1 (Typed or Handwritten) Name

164 Mill Road North Andover MA 01845
Witness 1 Address


Witness 2 Signature

LI, GANG
Witness 2 (Typed or Handwritten) Name

3 Hundreds Road, Westborough, MA 01581
Witness 2 Address

Practitioner's Docket No. MPI10-017P2RNM

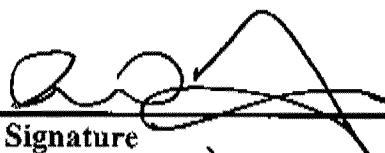
IN WITNESS WHEREOF, I have hereunto set my hand and seal this 29th day of November, 2011.


Signature of Inventor Alexandra E. Gould


Witness 1 Signature

R Scott Rowland
Witness 1 (Typed or Handwritten) Name

65 Fuller Ave, Swampscott, MA 01907
Witness 1 Address


Witness 2 Signature

Paul Fleming
Witness 2 (Typed or Handwritten) Name

15 Ridge Ave Natick MA 01760
Witness 2 Address

Practitioner's Docket No. MPI10-017P2RNM

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 23 day of Nov, 2011.

Ming Ma
Signature of Inventor Liting Ma

Yingchun Ye
Witness 1 Signature
Yingchun Ye

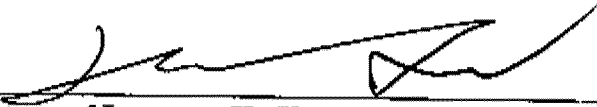
Witness 1 (Typed or Handwritten) Name
36 Hurley St. Belmont MA 02478
Witness 1 Address

Rachel Gershman
Witness 2 Signature
Rachel Gershman

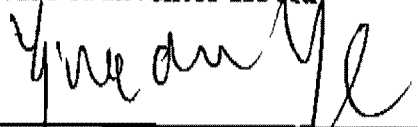
Witness 2 (Typed or Handwritten) Name
1 Watermill Place, #427, Arlington, MA 02476
Witness 2 Address

Practitioner's Docket No. MPI10-017P2RNM

IN WITNESS WHEREOF, I have hereunto set my hand and seal this twenty-third day of November, 2011.




Signature of Inventor He Xu



Witness 1 Signature

Witness 1 (Typed or Handwritten) Name
36 Hurley st. Belmont, MA 02478

Witness 1 Address



Witness 2 Signature

Witness 2 (Typed or Handwritten) Name
66 Channing Rd, Belmont, MA 02478

Witness 2 Address