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Name of conveying party(ies)	2. Name and address of receiving party(ies)
(1) Christopher Blackburn - Executed March 14, 2011 (2) Kenneth M. Gigstad - Executed March 21, 2011 (3) He Xu - Executed March 10, 2011	Name: Millennium Pharmaceuticals, Inc. Internal Address:
Additional name(s) of conveying party(ies) attached? Yes No. 3. Nature of conveyance/Execution Date(s): Execution Date(s) See dates above	Street Address: 40 Landsdowne Street
Assignment	City: Cambridge State: MA Country: United States Zip: 02139
Executive Order 9424, Confirmatory License Other	Additional name(s) & address(es) attached? Yes X No
4. Application or patent number(s):	document is being filed together with a new application. B. Patent No.(s) B. Patent No.(s)
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents Involved: 1
Name: Sian L. Griffiths Internal Address: Millennium Pharmaceuticals, Inc.	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Street Address: 40 Landsdowne Street	Enclosed None required (government interest not affecting title)
City: Cambridge	8. Payment Information
State: MA Zip: 02139	
Phone Number: 617-444-2189	Danish Adams at Niverbau
Fax Number: 617-551-8820	Deposit Account Number501668
Email Address: Sian Griffiths@mpi.com	Authorized User Name Slan L. Griffiths
9. Signature: ニューテルトリー Signature Slan L. Griffiths Name of Person Signing	April 1, 2011 Date Total number of pages including cover sheet, attachments, and documents:

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Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT

For: U.S. and Foreign Rights

For: U.S. Application

By: Inventors

ASSIGNMENT OF INVENTION

WHEREAS,

ASSIGNORS:

Christopher Blackburn

25 Western Avenue, Natick, Massachusetts 01760
Nationality: United States of America

Kenneth M. Gigstad

18 Briarwood Drive, Westford, Massachusetts 01886
Nationality: United States of America

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 February 25, 2011, under U.S. Application No. 13/034,947; and

WHEREAS.

ASSIGNEE:

MILLENNIUM PHARMACEUTICALS, INC.

40 Landsdowne Street

Cambridge, Massachusetts 02139

State of Incorporation: Delaware

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.

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.

(Page 2 of 5)

IN WITNESS WHEREOF, I have hereunto set my hand and seal this day of, 2011.
Signature of Inventor Christopher Blackburn
3 Planas
Witness 1 Signature
STEVEN PANE LANGSTON Witness 1 (Typed or Handwritten) Name
164 MILL ROAD N. ANDONER MA 01865
Witness I Address
R fatt Pulul
Witness 2 Signature
Witness 2 (Typed or Handwritten) Name
· · · · · · · · · · · · · · · · · · ·
Witness 2 Address

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IN WITNESS WHEREOF, I have hereunto set my hand and seal this day of, 2011.
Kennell Hapl
Signature of Inventor Kenneth M. Gigstad
Onlain 1.4.
Witness 1 Signature
THOU. BHARATHAN
Witness 1 (Typed or Handwritten) Name
101 WESTERN AVE, PAMBRIDGE, MA-02139
Witness 1 Address
XEhin.
Witness 2 Signature
Tzu Tshin Wang Witness 2 (Typed or Handwritten) Name
Witness 2 (Typed or Handwritten) Name
66 Channing Rd, Belmont, MA 02418
Witness 2 Address

(Page 4 of 5)

IN WITNESS WHEREOF, I have hereunto set my hand and seal this <u>tenth</u> day of
- March 2011.
<u>Je</u>
Signature of Inventor He Xu
Hehn.
Witness 1 Signature
Witness 1 (Typed or Handwritten) Name
Witness 1 (Typed or Handwritten) Name
Witness 1 Address Rd Chaning Rd, Belmanl, MA 02478
Witness 1 Address
Witness 2 Signature
Witness 2 Signature
YONGBO 144
Witness 2 (Typed or Handwritten) Name
24 shepard ct. Windrester, MA01890
Witness 2 Address

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