

Form PTO-1595 (Rev. 03-09)
OMB No. 0651-0027 (exp. 03/31/2009)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

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) Paul E. Fleming
(2) Jing Li

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: Massachusetts

Country: USA

Zip: 02139

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) (1): 10/22/2009; (2): 10/27/2009

- 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)

B. Patent No.(s)

12/586,650

Additional numbers attached? Yes No

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

Name: Janice M. Klunder

Internal Address: _____

Street Address: 40 Landsdowne Street

City: Cambridge

State: Massachusetts

Zip: 02139

Phone Number: 617-551-3699

Fax Number: 617-551-8820

Email Address: janice.klunder@mpi.com

6. Total number of applications and patents involved: 1**7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00**

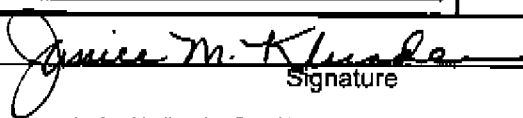
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 501668

Authorized User Name Janice M. Klunder

9. Signature:


Signature

December 7, 2009
Date

Janice M. Klunder, Reg. No. 41,121
Name of Person Signing

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

10

Documents to be recorded (including cover sheet) should be faxed to (571) 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 12586650

Practitioner's Docket No. MPI08-013P1RNM

PATENT

For: U.S. and Foreign Rights
For: U.S. Application
By: Inventors

ASSIGNMENT OF INVENTION

WHEREAS,

ASSIGNORS:

Paul E. Fleming

19 Eaton Ct., Wellesley, Massachusetts 02481

Nationality: United States of America

Jing Li

2223 Ayreshire Drive, Lansdale, Pennsylvania 19446

Nationality: China

have co-invented a certain invention entitled:

DERIVATIVES OF 1-AMINO-2-CYCLOBUTYLETHYLBORONIC ACID

for which they have executed an application for a United States patent, which was filed on September 25, 2009, under U.S. Application No. 12/586,650; 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

PATENT

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Practitioner's Docket No. MPI08-013P1RNM

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. MPI08-013P1RNM

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 22 day of October, 2009.



Signature of Inventor Paul E. Fleming



Witness 1 Signature

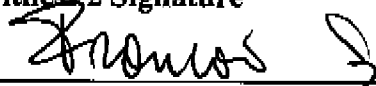
PAUL WENDLER

Witness 1 (Typed or Handwritten) Name

100 POWDER MILL Rd
SUDBURY MA 01776

Witness 1 Address

Witness 2 Signature



Witness 2 (Typed or Handwritten) Name

Francis Soucy

Witness 2 Address

39 Ellen Rd
Stoughton MA

Practitioner's Docket No. MPI08-013P1RNM

IN WITNESS WHEREOF, I have hereunto set my hand and seal this _____ day of _____, 2009.

Signature of Inventor Jing Li

Witness 1 Signature

Witness 1 (Typed or Handwritten) Name

Witness 1 Address

Witness 2 Signature

Witness 2 (Typed or Handwritten) Name

Witness 2 Address

Practitioner's Docket No. MPI08-013P1RNM

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PATENT

REEL: 023618 FRAME: 0038

Practitioner's Docket No. MPI08-013P1RNM

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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. MPI08-013P1RNM

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 _____ day of _____, 2009.

Signature of Inventor Paul E. Fleming

Witness 1 Signature

Witness 1 (Typed or Handwritten) Name

Witness 1 Address

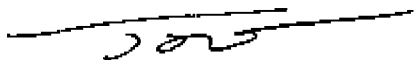
Witness 2 Signature

Witness 2 (Typed or Handwritten) Name

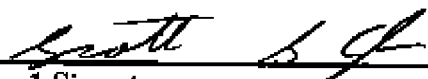
Witness 2 Address

Practitioner's Docket No. MPI08-013P1RNM

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 27th day of October, 2009.



Signature of Inventor Jing Li



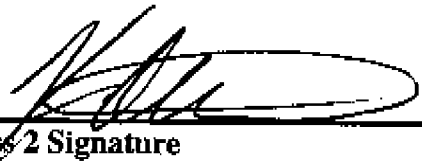
Witness 1 Signature

SCOTT S. CEGLIA

Witness 1 (Typed or Handwritten) Name

313 Brookwood Dr. Downingtown PA 19335

Witness 1 Address



Witness 2 Signature

KEVIN ALBERTSON

Witness 2 (Typed or Handwritten) Name

6 ACORN DRIVE, BECHTELSTVILLE PA 19505

Witness 2 Address

Burden Hour Statement: This form is estimated to take 0.03 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time required to complete this form should be sent to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

In re application of:	Paul E. Fleming, et al.	Confirmation No.:	8289
Application No.:	12/586,650	Group No.:	1614
Filed:	September 25, 2009	Examiner:	Not yet assigned
For:	DERIVATIVES OF 1-AMINO-2-CYCLOBUTYLETHYLBORONIC ACID		

Practitioner's Docket No. **MPI08-013P1RNM**

PATENT

Certificate of Transmission under 37 CFR 1.8

1-571-273-0140

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office

on December 7, 2009



Signature

Paula Swirka

Typed or printed name of person signing Certificate

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