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<div style="display: flex; justify-content: space-between;"><div>FORM PTO-1595 (Rev. 6-93)</div><div style="text-align: center;"><b>PATENTS ONLY</b></div><div></div></div>					
OMB No. 0651-0011 (exp. 4/94) Tab Settings ⇌					
To the Commissioner of Patents: Please record the attached original documents or copy thereof.					
<b>1. Name of conveying party(ies):</b>  (1) Christopher F. Claiborne (2) Todd B. Sells (3) Stephen G. Stroud  Additional name(s) of conveying parties attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>2. Name and address of receiving party (ies):</b>  Name: <u>Millennium Pharmaceuticals, Inc.</u> Internal Address: _____  Street Address: <u>40 Landsdowne Street</u>  City: <u>Cambridge</u> State: <u>MA</u> Zip: <u>02139</u>  Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
<b>3. Nature of conveyance:</b>  <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Dates: <u>Inventor (1) December 5, 2007; Inventor (2) December 3, 2007; &amp; Inventor (3) December 6, 2007</u>					
<b>4. Application number(s) or patent number(s):</b> If this document is being filed together with a new application, the execution date of the application is : _____ <table style="width: 100%;"><tr><td style="width: 50%;">A. Patent Application No.(s) <u>11/985,277</u></td><td style="width: 50%;">B. Patent No.(s)  </td></tr></table> <div style="text-align: right;">Additional Numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</div>			A. Patent Application No.(s) <u>11/985,277</u>	B. Patent No.(s) 	
A. Patent Application No.(s) <u>11/985,277</u>	B. Patent No.(s) 				
<b>5. Name and address of party to whom correspondence concerning document should be mailed:</b>  Name: <u>Janice M. Klunder</u> Internal Address: <u>Millennium Pharmaceuticals, Inc.</u>  Street Address: <u>40 Landsdowne Street</u>  City: <u>Cambridge</u> State: <u>MA</u> ZIP: <u>02139</u>	<b>6. Total number of applications and patents involved</b> <span style="border: 1px solid black; padding: 2px 5px;">1</span>  <b>7. Total fee (37 CFR 3.41) .....</b> \$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account  <b>8. Deposit account number:</b> <u>501668</u> (Attach duplicate copy of this page if paying by deposit account)				
DO NOT USE THIS SPACE					
<b>9. Statement and signature.</b> <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i> <table style="width: 100%;"><tr><td style="width: 30%;"><u>Janice M. Klunder, Reg. No. 41,121</u> Name of Person Signing</td><td style="width: 40%; text-align: center;"> Signature</td><td style="width: 30%; text-align: right;"><u>March 6, 2008</u> Date</td></tr></table> <div style="text-align: right;">Total number of pages including cover sheet, attachments, and document: <span style="border: 1px solid black; padding: 2px 5px;">7</span></div>			<u>Janice M. Klunder, Reg. No. 41,121</u> Name of Person Signing	 Signature	<u>March 6, 2008</u> Date
<u>Janice M. Klunder, Reg. No. 41,121</u> Name of Person Signing	 Signature	<u>March 6, 2008</u> Date			

Mail documents to be recorded with required cover sheet information to:  
Mail Stop Assignment Recordation Services, Commissioner for Patents, P.O. Box 1450  
Alexandria, VA 22313-1450

CH \$40.00 501668 11985277

Practitioner's Docket No. MPI06-022P1RM

**PATENT**

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

**ASSIGNMENT OF INVENTION**

**WHEREAS,**

**ASSIGNORS:**

Christopher F. Claiborne  
23 Sparks Street, Cambridge, Massachusetts 02138  
Nationality: United States of America

Todd B. Sells  
32 Ray Avenue, Bellingham, Massachusetts 02019  
Nationality: United States of America

Stephen G. Stroud  
53 Tesla Avenue, Medford, Massachusetts 02155  
Nationality: United States of America

have co-invented a certain invention entitled:

Compounds for Inhibiting Mitotic Progression

for which they have executed an application for a United States patent, which was filed on November 14, 2007, under U.S. Application No. 11/985,277; 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

**Practitioner's Docket No. MPI06-022P1RM**

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.

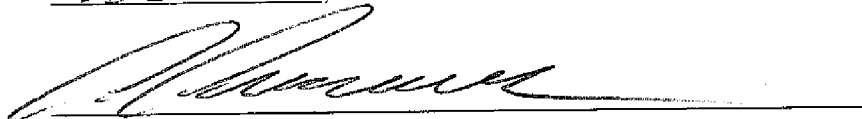
ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

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. MPI06-022P1RM

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

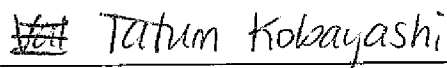
IN WITNESS WHEREOF, I have hereunto set my hand and seal this 05 day of DEC, 2007.



Signature of Inventor Christopher F. Claiborne



Witness 1 Signature



Witness 1 (Typed or Handwritten) Name

40 Landsdowne St. Cambridge, MA 02139

Witness 1 Address



Witness 2 Signature

Vala Thoroddsen

Witness 2 (Typed or Handwritten) Name


40 Landsdowne St. Cambridge, MA 02139

Witness 2 Address

Practitioner's Docket No. MPI06-022P1RM

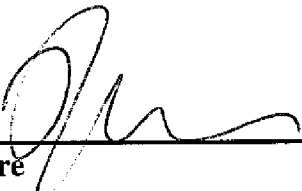
IN WITNESS WHEREOF, I have hereunto set my hand and seal this 3<sup>rd</sup> day of  
December, 2007.

  
\_\_\_\_\_  
Signature of Inventor Todd B. Sells

  
\_\_\_\_\_  
Witness 1 Signature

Edward J. Oliva  
\_\_\_\_\_  
Witness 1 (Typed or Handwritten) Name

19 Jay St, Cambridge, MA 02139  
\_\_\_\_\_  
Witness 1 Address

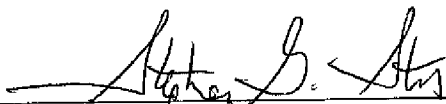
  
\_\_\_\_\_  
Witness 2 Signature

DOMINIC REYNOLDS  
\_\_\_\_\_  
Witness 2 (Typed or Handwritten) Name

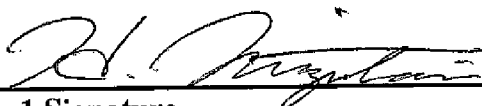
304 AUSTON ST. APT 6, CAMBRIDGE, MA 02139  
\_\_\_\_\_  
Witness 2 Address

Practitioner's Docket No. MPI06-022P1RM

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 6<sup>TH</sup> day of  
December, 2007.



Signature of Inventor Stephen G. Stroud



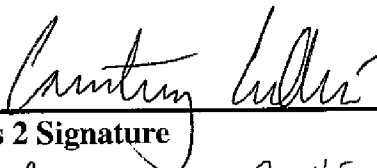
Witness 1 Signature

Hirotake Mizutani

Witness 1 (Typed or Handwritten) Name

31 Rice Street #2, Cambridge, MA 02140

Witness 1 Address



Witness 2 Signature

Courtney Cullis

Witness 2 (Typed or Handwritten) Name

122 Springs Rd Bedford, MA 01730

Witness 2 Address