

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Bing-Yan Zhu</td> <td>09/19/2005</td> </tr> <tr> <td>Shawn M. Bauer</td> <td>09/19/2005</td> </tr> <tr> <td>Jia J. Zhaozhong</td> <td>09/15/2005</td> </tr> <tr> <td>Gary D. Probst</td> <td>09/16/2005</td> </tr> <tr> <td>Yanchen Zhang</td> <td>09/24/2005</td> </tr> <tr> <td>Robert M. Scarborough</td> <td>09/07/2005</td> </tr> </tbody> </table>		Name	Execution Date	Bing-Yan Zhu	09/19/2005	Shawn M. Bauer	09/19/2005	Jia J. Zhaozhong	09/15/2005	Gary D. Probst	09/16/2005	Yanchen Zhang	09/24/2005	Robert M. Scarborough	09/07/2005
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Robert M. Scarborough	09/07/2005														
RECEIVING PARTY DATA															
Name:	Millennium Pharmaceuticals, Inc.														
Street Address:	40 Landsdowne Street														
City:	Cambridge														
State/Country:	MASSACHUSETTS														
Postal Code:	02139														
PROPERTY NUMBERS Total: 1															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11158274</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11158274										
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Application Number:	11158274														
CORRESPONDENCE DATA															
Fax Number:	(415)576-0300														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone:	415-576-0200														
Email:	dmdiaz@townsend.com														
Correspondent Name:	Mark H. Hopkins														
Address Line 1:	Two Embarcadero Center														
Address Line 2:	Eighth Floor														
Address Line 4:	San Francisco, CALIFORNIA 94111														
ATTORNEY DOCKET NUMBER:	021390-006910US														

CH \$40.00 11158274

NAME OF SUBMITTER:

Dianna Diaz

Total Attachments: 5

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ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Bing-Yan Zhu of 135 Lois Lane, Palo Alto, CA 94303; Shawn M. Bauer of 181 Beachview Avenue, Pacifica, CA 94044; Zhaozhong J. Jia of 1576E Marina Court, San Mateo, CA 94403; Gary D. Probst of 155 Haight Street, San Francisco, CA 94102; Yanchen Zhang of 17 Arlington Avenue, Kensington, CA 94707 and Robert M. Scarborough of 22 Greenbrier Court, Half Moon Bay, CA 94019, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **FACTOR Xa INHIBITORS**

Date(s) of execution of Declaration:

Filing Date: **June 20, 2005**

Application No.: **11/158,274; and**

WHEREAS, Millennium Pharmaceuticals, Inc., a corporation of the state of Massachusetts, located at 40 Landsdowne Street, Cambridge, MA 02139, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

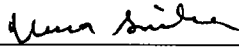
IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 9-19-05

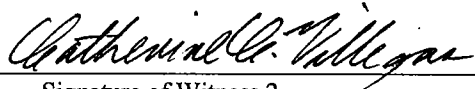

Bing-Yan Zhu

SIGNATURE WITNESSED BY:

(1) Date: 9/19/05


Signature of Witness 1
Witness Printed Name: UMA SINHA

(2) Date: 9/19/05



Signature of Witness 2
Witness Printed Name: Catherine C. Villegas

Dated: 9-19-05

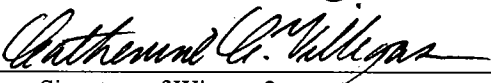

Shawn Bauer

SIGNATURE WITNESSED BY:

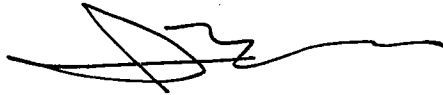
(1) Date: 9-19-05


Signature of Witness 1
Witness Printed Name: Danielle Olander

(2) Date: 9/19/05


Signature of Witness 2
Witness Printed Name: Catherine C. Villegas

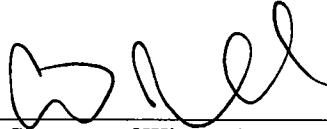
Dated: 9-15-2005



Zhaozhong J. Jia

SIGNATURE WITNESSED BY:

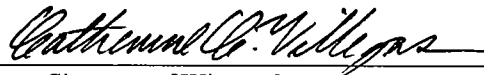
(1) Date: 9/15/05



Signature of Witness 1

Witness Printed Name: 9/15/05 Matt Birrell

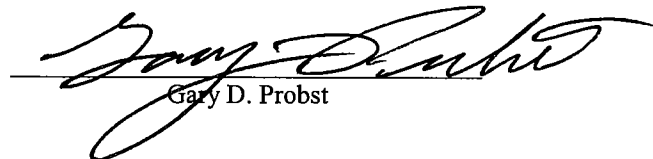
(2) Date: 9/15/05



Signature of Witness 2

Witness Printed Name: Catherine C. Villegas

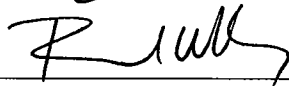
Dated: 9/16/05



Gary D. Probst

SIGNATURE WITNESSED BY:

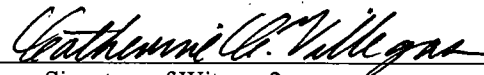
(1) Date: 9/16/05



Signature of Witness 1

Witness Printed Name: RICHARD W. WONG

(2) Date: 9/16/05



Signature of Witness 2

Witness Printed Name: Catherine C. Villegas

Dated: _____

Yanchen Zhang

SIGNATURE WITNESSED BY:

(1) Date: _____

Signature of Witness 1
Witness Printed Name: _____

(2) Date: _____

Signature of Witness 2
Witness Printed Name: _____

Dated: _____

Zhaozhong J. Jia

SIGNATURE WITNESSED BY:

(1) Date: _____

Signature of Witness 1
Witness Printed Name: _____

(2) Date: _____

Signature of Witness 2
Witness Printed Name: _____

Dated: _____

Gary D. Probst

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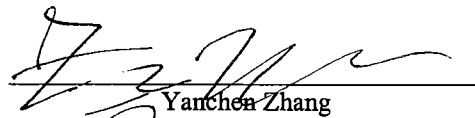
(1) Date: _____

Signature of Witness 1
Witness Printed Name: _____

(2) Date: _____

Signature of Witness 2
Witness Printed Name: _____

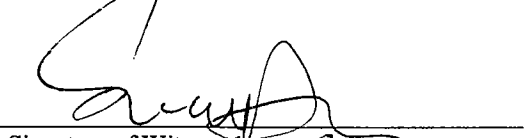
Dated: 9.24.05



Yan Chen Zhang

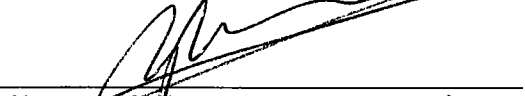
SIGNATURE WITNESSED BY:

(1) Date: 09-24-05



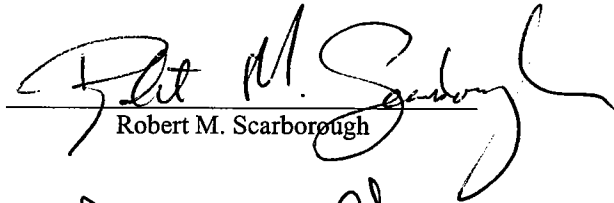
Signature of Witness 1
Witness Printed Name: Susana Au

(2) Date: 9/24/05




Signature of Witness 2
Witness Printed Name: P. X. Zhang

Dated: 9-7-05

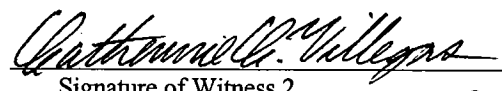

Robert M. Scarborough

SIGNATURE WITNESSED BY:

(1) Date: 9/2/05


Signature of Witness 1
Witness Printed Name: Matt Birkel

(2) Date: 9/7/05


Signature of Witness 2
Witness Printed Name: Catherine C. Villegas

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