

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT2706718

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>ANJALI PANDEY</td> <td>02/03/2011</td> </tr> <tr> <td>EMILIA P.T. LEITAO</td> <td>01/27/2011</td> </tr> <tr> <td>JOSE RATO</td> <td>01/27/2011</td> </tr> </tbody> </table>		Name	Execution Date	ANJALI PANDEY	02/03/2011	EMILIA P.T. LEITAO	01/27/2011	JOSE RATO	01/27/2011		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>MILLENNIUM PHARMACEUTICALS, INC.</td> </tr> <tr> <td>Street Address:</td> <td>40 LANDSDOWNE STREET</td> </tr> <tr> <td>City:</td> <td>CAMBRIDGE</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>02139</td> </tr> </table>		Name:	MILLENNIUM PHARMACEUTICALS, INC.	Street Address:	40 LANDSDOWNE STREET	City:	CAMBRIDGE	State/Country:	MASSACHUSETTS	Postal Code:	02139
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
Fax Number:	(650)246-7327										
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<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>											
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Address Line 2:	SUITE 22										
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ATTORNEY DOCKET NUMBER:	PTL006111US										
NAME OF SUBMITTER:	TING SU										
Signature:	/Ting Su/										

Date:

01/30/2014

Total Attachments: 4

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ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

Millennium Pharmaceuticals, Inc.
40 Landsdowne Street
Cambridge, Massachusetts 02139

(hereinafter referred to singly and collectively as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

METHODS OF SYNTHESIZING FACTOR Xa INHIBITORS

as set forth in this United States Patent Application Serial No. 12/969,371, filed 12/15/2010 as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the Patent Cooperation Treaty, the Paris Convention and any other international agreement; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

Atty. Dkt. No. 070545-1901

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of Foley & Lardner LLP the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of Foley & Lardner LLP do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

[Handwritten signature] 388

Atty. Dkt. No. 070545-1901

Executed this 3 day of February, 2011.

Anjali Pandey
ANJALI PANDEY

State of California
County of San Mateo

On this 3rd day of February, 2011, before me, Ting Su (a notary public in and for said county), personally appeared ANJALI PANDEY, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

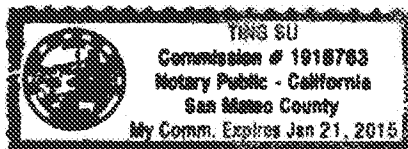
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____

My Commission Expires: 1/21/2015

(Seal)



Executed this 27 day of January, 2011.

Emilia P.T. Leita
EMILIA P.T. LEITAO

State of _____
County of _____

On this _____ day of _____, 20____, before me, _____ (a notary public in and for said county), personally appeared EMILIA P.T. LEITAO, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____

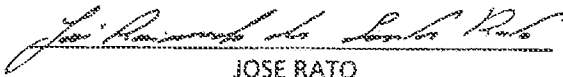
My Commission Expires: _____

(Seal)

EP 48P

Atty. Dkt. No. 070545-1901

Executed this 22 day of January, 2011.


JOSE RATO

State of _____)

County of _____)

On this _____ day of _____, 20____, before me, _____ (a notary public in and for said county), personally appeared JOSE RATO, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____

My Commission Expires: _____

(Seal)