

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5108455

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BRIAN SCOTT FREEZE	02/13/2018
KENNETH M. GIGSTAD	02/13/2018
DAVID A. JANOWICK	02/13/2018
HONG MYUNG LEE	02/13/2018
ZHAN SHI	02/13/2018
FRANCOIS SOUCY	02/13/2018
STEPAN VYSKOCIL	02/13/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MILLENNIUM PHARMACEUTICALS, INC.
<b>Street Address:</b>	40 LANDSDOWNE STREET
<b>City:</b>	CAMBRIDGE
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	02139
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15544192
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Email:</b>	docketing@mcneillbaur.com
<b>Correspondent Name:</b>	MCNEILL BAUR PLLC
<b>Address Line 1:</b>	125 CAMBRIDGE PARK DRIVE
<b>Address Line 2:</b>	SUITE 301
<b>Address Line 4:</b>	CAMBRIDGE, MASSACHUSETTS 02140
<b>ATTORNEY DOCKET NUMBER:</b>	01186-0002-00US
<b>NAME OF SUBMITTER:</b>	CHARITY K. DUNN
<b>SIGNATURE:</b>	/Charity K. Dunn/
<b>DATE SIGNED:</b>	08/24/2018

**Total Attachments: 10**

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

ASSIGNMENT OF INVENTION

WHEREAS,

ASSIGNORS:

Brian Scott Freeze

67 Gates Street, Boston, Massachusetts 02127

Nationality: United States of America

Kenneth M. Gigstad

18 Briarwood Drive, Westford, Massachusetts 01886

Nationality: United States of America

David A. Janowick

8 Beverly Street, Quincy, Massachusetts 02169

Nationality: United States of America

Hong Myung Lee

118 Amory Street, Cambridge, Massachusetts 02139

Nationality: Korea

Zhan Shi

18 Shagbark Road, Concord, Massachusetts 01742

Nationality: United States of America

Francois Soucy

39 Ellen Road, Stoneham, Massachusetts 02180

Nationality: Canada

Stepan Vyskocil

34 Eustis Street, Arlington, Massachusetts 02476

Nationality: Czech Republic

have co-invented a certain invention entitled:

**QUINAZOLINE AND QUINOLINE COMPOUNDS AND USES THEREOF**

for which a non-provisional application for a United States patent was filed on July 17, 2017, under U.S. Application No. 15/544,192; 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 chooses 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.

IN WITNESS WHEREOF, I have hereunto set my hand this 13<sup>th</sup> day of  
February, 2018.

Brian Scott Freeze

Signature of Inventor Brian Scott Freeze

Ann Sherry

Witness 1 Signature

ANN SHERRY

Witness 1 (Typed or Handwritten) Name

46 HURON CIRCLE, DORCHESTER MA 02124

Witness 1 Address

Daphne Howe

Witness 2 Signature

DAPHNE HOWE

Witness 2 (Typed or Handwritten) Name

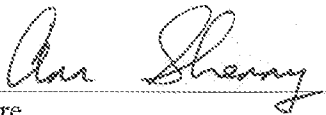
37 Fernandez Circle, Randolph, MA 02368 USA

Witness 2 Address

IN WITNESS WHEREOF, I have hereunto set my hand this 13 day of  
February, 2018.



Signature of Inventor **Kenneth M. Gigstad**



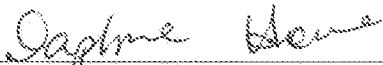
Witness 1 Signature

ANN SHERRY

Witness 1 (Typed or Handwritten) Name

46 HURON CIRCLE, DORCHESTER, MA 02124

Witness 1 Address



Witness 2 Signature

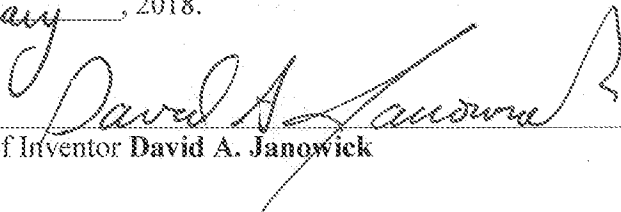
DAPHNE HOWE

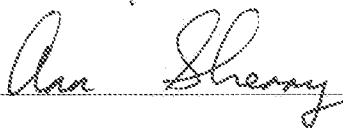
Witness 2 (Typed or Handwritten) Name

37 Fernandez Circle, Randolph, MA 02368 USA

Witness 2 Address

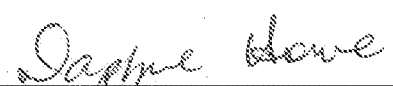
IN WITNESS WHEREOF, I have hereunto set my hand this 13 day of  
February, 2018.

  
\_\_\_\_\_  
Signature of Inventor **David A. Janowick**

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

ANN SHERRY  
\_\_\_\_\_  
Witness 1 (Typed or Handwritten) Name

46 HURON CIRCLE, DORCHESTER MA 02124  
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Witness 1 Address

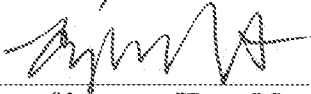
  
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Witness 2 Signature

DAPHNE HOWE  
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Witness 2 (Typed or Handwritten) Name

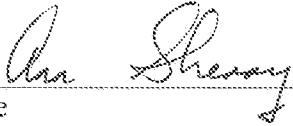
37 Fernander circle, Randolph, MA 02368 USA  
\_\_\_\_\_  
Witness 2 Address



IN WITNESS WHEREOF, I have hereunto set my hand this 13<sup>th</sup> day of  
February, 2018.



Signature of Inventor Hong Myung Lee



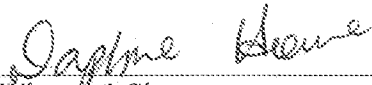
Witness 1 Signature

ANN SHERRY

Witness 1 (Typed or Handwritten) Name

46 HURON CIRCLE, DORCHESTER MA 02124

Witness 1 Address



Witness 2 Signature

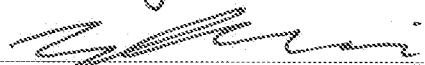
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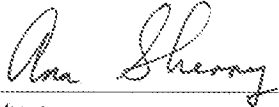
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37 Fernandez Circle, Randolph, MA 03368 USA

Witness 2 Address

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February, 2018.

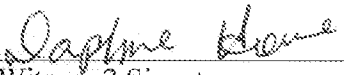
  
\_\_\_\_\_  
Signature of Inventor Zhan Shi

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

ANN SHERRY

\_\_\_\_\_  
Witness 1 (Typed or Handwritten) Name

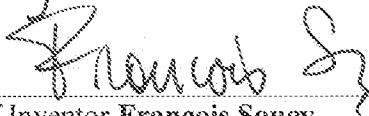
46 HURON CIRCLE, DORCHESTER MA 02124  
\_\_\_\_\_  
Witness 1 Address

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


DAPHNE HOWE  
\_\_\_\_\_  
Witness 2 (Typed or Handwritten) Name

37 FERNANDEZ AVE, RANDOLPH, MA 02368 USA  
\_\_\_\_\_  
Witness 2 Address

IN WITNESS WHEREOF, I have hereunto set my hand this 13 day of  
February, 2018.



Signature of Inventor Francois Soucy



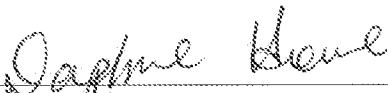
Witness 1 Signature

ANN SHERRY

Witness 1 (Typed or Handwritten) Name

46 HURON CIRCLE, DORCHESTER, MA 02124

Witness 1 Address



Witness 2 Signature

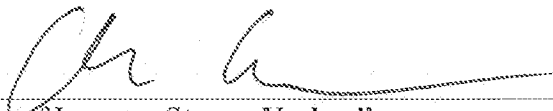
DAPHNE HOWE

Witness 2 (Typed or Handwritten) Name

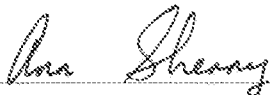
37 Fern- des Ciel, Randolph, MA 02368 USA

Witness 2 Address

IN WITNESS WHEREOF, I have hereunto set my hand this 13<sup>th</sup> day of  
FEBRUARY, 2018.



Signature of Inventor Stepan Vyskocil



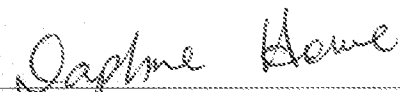
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46 HURON CIRCLE, DORCHESTER MA 02124

Witness 1 Address



Witness 2 Signature

DAPHNE HOWE

Witness 2 (Typed or Handwritten) Name

37 Fernandez circle, Randolph, MA 02368 USA

Witness 2 Address