

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5409602

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ALESSANDRA M. DI BACCO	01/04/2019
GEORGE J. MULLIGAN	12/06/2018
RECEIVING PARTY DATA	
Name:	MILLENNIUM PHARMACEUTICALS, INC.
Street Address:	40 LANDSDOWNE STREET
City:	CAMBRIDGE
State/Country:	MASSACHUSETTS
Postal Code:	02139
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15772954
CORRESPONDENCE DATA	
Fax Number:	(269)337-7779
<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>	
Phone:	2693377746
Email:	bfarnham@honigman.com
Correspondent Name:	LUCY YANG
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Address Line 2:	SUITE 200
Address Line 4:	KALAMAZOO, MICHIGAN 49002-0402
ATTORNEY DOCKET NUMBER:	223266-431074
NAME OF SUBMITTER:	LUCY YANG
SIGNATURE:	/Lucy Yang/
DATE SIGNED:	03/07/2019
Total Attachments: 7	
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PATENT

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

ASSIGNMENT OF INVENTION

**WHEREAS,
ASSIGNORS:**

Alessandra M. Di Bacco
81 Church Street, Apt. 1, Newton, Massachusetts 02458
Nationality: Unites States of America

George J. Mulligan
32 Taft Avenue, Lexington, Massachusetts 02421
Nationality: Unites States of America

have co-invented a certain invention entitled:

**METHODS FOR THE IDENTIFICATION, EVALUATION AND TREATMENT OF PATIENTS
HAVING MULTIPLE MYELOMA**

for which they have executed an application for a United States patent, which was filed on May 2, 2018 under U.S. Application Serial No. 15/772,954; and

WHEREAS,

ASSIGNEE:
Millennium Pharmaceuticals, Inc.
40 Landsdowne Street
Cambridge, MA 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 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.

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 Jan 4th, 2019 day of

Alessandra M. Di Bacco
Signature of Inventor Alessandra M. Di Bacco

Ann Sherry
Witness 1 Signature

ANN SHERRY
Witness 1 (Typed or Handwritten) Name

35 Lansdowne Street, Cambridge MA 02139
Witness 1 Address

Daphne Howe
Witness 2 Signature

DAPHNE HOWE
Witness 2 (Typed or Handwritten) Name

35 Lansdowne Street, Cambridge, MA 02139
Witness 2 Address

IN WITNESS WHEREOF, I have hereunto set my hand and seal this _____ day of _____, 20__.

Signature of Inventor George J. Mulligan

Witness 1 Signature

Witness 1 (Typed or Handwritten) Name

Witness 1 Address

Witness 2 Signature

Witness 2 (Typed or Handwritten) Name

Witness 2 Address

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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.

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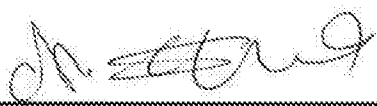
IN WITNESS WHEREOF, I have hereunto set my hand and seal this 6 day of December, 2019.


Signature of Inventor **George J. Mulligan**


Witness 1 Signature

CATHARINA GONZALEZ
Witness 1 (Typed or Handwritten) Name

1030 MASSACHUSETTS AVE CAMBRIDGE, MA 02138
Witness 1 Address


Witness 2 Signature

Selvaraj Nataraja
Witness 2 (Typed or Handwritten) Name

31 Charles Street, Wellesley, MA 02461
Witness 2 Address