

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5679250

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SANGEETA N. BHATIA	10/24/2017
DARRELL J. IRVINE	10/25/2017
KARL DANE WITTRUP	01/30/2018
ANDREW DAVID WARREN	10/30/2017
JAIDEEP S. DUDANI	10/24/2017
NAVEEN K. MEHTA	06/14/2018
HOWARD HUGHES MEDICAL INSTITUTE	05/23/2016
RECEIVING PARTY DATA	
Name:	MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Street Address:	77 MASSACHUSETTS AVENUE
City:	CAMBRIDGE
State/Country:	MASSACHUSETTS
Postal Code:	02139
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16091145
CORRESPONDENCE DATA	
Fax Number:	(617)646-8646
<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:	6176468000
Email:	patents_HelenL@wolfgreenfield.com
Correspondent Name:	WOLF, GREENFIELD & SACKS, P.C.
Address Line 1:	600 ATLANTIC AVENUE
Address Line 4:	BOSTON, MASSACHUSETTS 02210
ATTORNEY DOCKET NUMBER:	M0656.70383US01
NAME OF SUBMITTER:	HELEN C. LOCKHART
SIGNATURE:	/Helen C. Lockhart/
DATE SIGNED:	08/21/2019

Total Attachments: 45

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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

1. Sell, assign and transfer to **Massachusetts Institute of Technology**, a Massachusetts Non-profit Corporation having a place of business at **77 Massachusetts Avenue, Cambridge, Massachusetts 02139**, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the International Application filed on **April 7, 2017** under International Application No. **PCT/US2017/026564**, bearing Attorney Docket No. **M0656.70383WO00**, and entitled **METHODS TO SPECIFICALLY PROFILE PROTEASE ACTIVITY AT LYMPH NODES**, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions and designs; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions and designs, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea; as well as the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent, including a reasonable royalty relating to provisional rights under 35 U.S.C. § 154(d) that have attached to any published United States patent application, on the inventions and designs;
2. Agree that the Assignee may apply for and receive Letters Patent and utility model and Industrial design registrations for the inventions and designs in its own name; and when requested, without charge to but at the expense of the Assignee, agree to carry out in good faith the intent and purpose of this Assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions and designs, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and designs and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and designs and for vesting title to the inventions and designs and all applications for patents and all patents on the inventions and designs, in the Assignee;
3. Request the Director of the United States Patent and Trademark Office and foreign patent authorities to issue the Letters Patent or other intellectual property rights, including foreign patents, to the Assignee;
4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing application identification information or correct any errors in the application identification information provided above, whether discovered prior to or after recordation;

Attorney Docket No. **M0656.70383WO00**

5. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and

6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

Attorney Docket No. M0656.70383W000

Oct. 24, 2017
Date

Sangeeta N. Bhatia
Inventor: Sangeeta N. Bhatia
Address: 32 Ingleside Road
Lexington, MA 02420
UNITED STATES OF AMERICA
Citizenship: US

For myself and
as an agent of
Howard Hughes Medical
Institute
8/23 05/01/18

Witness:

Oct. 24, 2017
Date

Sue Kangiser
Signature

Name: Sue Kangiser

Address: 25 Dartmouth St.
Arlington, MA 02474

Witness:

Oct. 24, 2017
Date

Lian-EE Ch'ing
Signature

Name: Lian-EE Ch'ing

Address: 19 Bartlett Street
Watertown, MA 02472

Attorney Docket No. M0656.70383WO00

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3. Request the Director of the United States Patent and Trademark Office and foreign patent authorities to issue the Letters Patent or other intellectual property rights, including foreign patents, to the Assignee;
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Attorney Docket No. **M0656.70383WO00**

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6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

Attorney Docket No. **M0656.70383WO00**

Date

Inventor: Sangeeta N. Bhatia
Address: 32 Ingleside Road
Lexington, MA 02420
UNITED STATES OF AMERICA
Citizenship: US

Witness:

Date

Signature

Name: _____

Address: _____

Witness:

Date

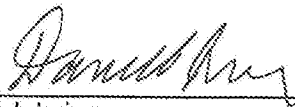
Signature

Name: _____

Address: _____

Attorney Docket No. **M0656.70383WO00**

10/25/17
Date


Inventor: Darrell J. Irvine
Address: 17 Gray Street
Arlington, Massachusetts 02476
UNITED STATES OF AMERICA
Citizenship: US

Witness:

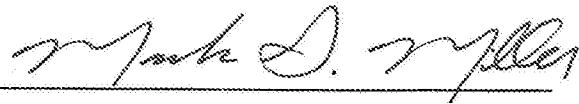
10/25/17
Date


Signature

Name: Valerie Corapi
Address: 264 Beal Rd.
Waltham, MA 02453

Witness:

10/25/2017
Date


Signature

Name: Mark S. Miller
Address: 16 Colby Street
Belmont, MA 02478

Attorney Docket No. M0656.70383WO00

Date

Inventor: Karl Dane Wittrup
Address: 48 Woodlawn Drive
Chestnut Hill, Massachusetts 02467
UNITED STATES OF AMERICA
Citizenship: US

Witness:

Date

Signature

Name: _____

Address: _____

Witness:

Date

Signature

Name: _____

Address: _____

Attorney Docket No. **M0656.70383WO00**

Date

Inventor: Andrew David Warren
Address: 22 Water Street
#523
Cambridge, Massachusetts 02141
UNITED STATES OF AMERICA
Citizenship: US

Witness:

Date

Signature

Name: _____

Address: _____

Witness:

Date

Signature

Name: _____

Address: _____

Attorney Docket No. **M0656.70383WO00**

Date

Inventor: Jaideep S. Dudani
Address: 120 Peterborough Street
Apt. 17
Boston, Massachusetts 02115
UNITED STATES OF AMERICA
Citizenship: US

Witness:

Date

Signature

Name: _____

Address: _____

Witness:

Date

Signature

Name: _____

Address: _____

Attorney Docket No. **M0656.70383WO00**

Date

Inventor: Naveen K. Mehta
Address: 139 Otis Street
Cambridge, Massachusetts 02141
UNITED STATES OF AMERICA
Citizenship: US

Witness:

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Attorney Docket No. **M0656.70383WO00**

Date 1/30/18


Inventor: Karl Dane Wittrup

Address: 48 Woodlawn Drive

Chestnut Hill, Massachusetts 02467

UNITED STATES OF AMERICA

Citizenship: US

Witness:

Date 1/30/18


Signature

Name:

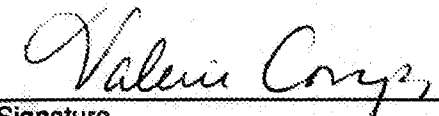
Mariann Murray

Address:

5A Pine St
Westford, MA 01886

Witness:

Date 1/30/18


Signature

Name:

Valene Corapi

Address:

264 Beal Rd.

Waltham, MA 02453

Attorney Docket No. M0656.70383W000

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Attorney Docket No. **M0656.70383WO00**

Date

Inventor: Sangeeta N. Bhatia
Address: 32 Ingleside Road
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UNITED STATES OF AMERICA
Citizenship: US

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Attorney Docket No. **M0656.70383WO00**

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Address: 17 Gray Street
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Attorney Docket No. **M0656.70383WO00**

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Inventor: Karl Dane Wittrup

Address: 48 Woodlawn Drive
Chestnut Hill, Massachusetts 02467
UNITED STATES OF AMERICA

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Attorney Docket No. **M0656.70383WO00**

30 Oct 2017
Date

Andrew David Warren
Inventor: Andrew David Warren
Address: 22 Water Street
#523
Cambridge, Massachusetts 02141
UNITED STATES OF AMERICA
Citizenship: US

Witness:
30 Oct 2017
Date

Eric Huang
Signature
Name: ERIC HUANG
Address: 10 SPENCER ST
LEXINGTON, MA 02420

Witness:
30 OCT 2017
Date

Sophie Cazanova
Signature
Name: SOPHIE CAZANOVA
Address: 3 Newbury Street
SOMERVILLE MA 02144

Attorney Docket No. M0656.70383WO00

Date

Inventor: Jaideep S. Dudani

Address: 120 Peterborough Street
Apt. 17

Boston, Massachusetts 02115

UNITED STATES OF AMERICA

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Inventor: Naveen K. Mehta

Address: 139 Otis Street

Cambridge, Massachusetts 02141

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1. Sell, assign and transfer to **Massachusetts Institute of Technology**, a Massachusetts Non-profit Corporation having a place of business at **77 Massachusetts Avenue, Cambridge, Massachusetts 02139**, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the International Application filed on **April 7, 2017** under International Application No. **PCT/US2017/026564**, bearing Attorney Docket No. **M0656.70383WO00**, and entitled **METHODS TO SPECIFICALLY PROFILE PROTEASE ACTIVITY AT LYMPH NODES**, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions and designs; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions and designs, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea; as well as the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent, including a reasonable royalty relating to provisional rights under 35 U.S.C. § 154(d) that have attached to any published United States patent application, on the inventions and designs;
2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions and designs in its own name; and when requested, without charge to but at the expense of the Assignee, agree to carry out in good faith the intent and purpose of this Assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions and designs, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and designs and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and designs and for vesting title to the inventions and designs and all applications for patents and all patents on the inventions and designs, in the Assignee;
3. Request the Director of the United States Patent and Trademark Office and foreign patent authorities to issue the Letters Patent or other intellectual property rights, including foreign patents, to the Assignee;
4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing application identification information or correct any errors in the application identification information provided above, whether discovered prior to or after recordation;

Attorney Docket No. **M0656.70383WO00**

5. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and

6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

Attorney Docket No. M0656.70383WO00

Date

Inventor: Sangeeta N. Bhatia
Address: 32 Ingleside Road
Lexington, MA 02420
UNITED STATES OF AMERICA
Citizenship: US

Witness:

Date

Signature

Name: _____

Address: _____

Witness:

Date

Signature

Name: _____

Address: _____

Attorney Docket No. M0656.70383WO00

Date

Inventor: Darrell J. Irvine
Address: 17 Gray Street
Arlington, Massachusetts 02476
UNITED STATES OF AMERICA
Citizenship: US

Witness:

Date

Signature

Name: _____

Address: _____

Witness:

Date

Signature

Name: _____

Address: _____

Attorney Docket No. M0656.70383WO00

Date

Inventor: Karl Dane Wittrup
Address: 48 Woodlawn Drive
Chestnut Hill, Massachusetts 02467
UNITED STATES OF AMERICA
Citizenship: US

Witness:

Date

Signature

Name: _____

Address: _____

Witness:

Date

Signature

Name: _____

Address: _____

Attorney Docket No. M0656.70383WO00

Date

Inventor: Andrew David Warren
Address: 22 Water Street
#523
Cambridge, Massachusetts 02141
UNITED STATES OF AMERICA
Citizenship: US

Witness:

Date

Signature

Name: _____

Address: _____

Witness:

Date

Signature

Name: _____

Address: _____

Attorney Docket No. M0656.70383WO00

10/24/17
Date

JS Dudani
Inventor: Jaideep S. Dudani
Address: 120 Peterborough Street
Apt. 17
Boston, Massachusetts 02115
UNITED STATES OF AMERICA
Citizenship: US

Witness:

10/24/2017
Date

Nil Gural
Signature

Name: NIL GURAL

Address: 881 MASSACHUSETTS AVE
CAMBRIDGE, MA 02139

Witness: Henry
10/24/17
Date

Henry Ko
Signature

Name: Henry Ko

Address: 100 Exchange Street Unit 517
Malden, MA 02148

Attorney Docket No. M0656.70383WO00

Date

Inventor: Naveen K. Mehta
Address: 139 Otis Street
Cambridge, Massachusetts 02141
UNITED STATES OF AMERICA
Citizenship: US

Witness:

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Name: _____

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ASSIGNMENT

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Address: 32 Ingleside Road
Lexington, MA 02420
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Attorney Docket No. **M0656.70383WO00**

Date

Inventor: Karl Dane Wittrup
Address: 48 Woodlawn Drive
Chestnut Hill, Massachusetts 02467
UNITED STATES OF AMERICA
Citizenship: US

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Address: 22 Water Street
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Attorney Docket No. **M0656.70383WO00**

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Inventor: Jaideep S. Dudani
Address: 120 Peterborough Street
Apt. 17
Boston, Massachusetts 02115
UNITED STATES OF AMERICA
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Date

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Attorney Docket No. **M0656.70383WO00**

6/14/18
Date

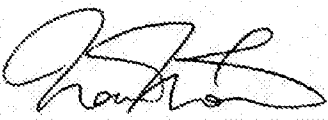

Inventor: Naveen K. Mehta
Address: 139 Otis Street
Cambridge, Massachusetts 02141
UNITED STATES OF AMERICA
Citizenship: US

Witness:
6/14/18
Date


Signature

Name: Alison Tisdale
Address: 207 White St.
Belmont, MA 02478

Witness:
6/14/18
Date


Signature

Name: NOOR MOMIN
Address: 89 Winter St. #2
Cambridge, MA 02141

Attorney Docket No. **M0656.70383WO00**

APPOINTMENT OF INVESTIGATOR AS AGENT

Appointment by the Howard Hughes Medical Institute ("HHMI") of Sangeeta Bhatia, MD, PhD, an employee of HHMI, as its agent for the purpose of assigning certain rights to Massachusetts Institute of Technology ("Institution").

WHEREAS, HHMI and Institution collaborate in the active conduct of medical research pursuant to an Agreement between them dated as of March 1, 2015 (the "Agreement");

WHEREAS, pursuant to the Agreement, HHMI has agreed to assign to Institution HHMI's rights in Subject Property (as defined in the Agreement) in accordance with and subject to the conditions of the Agreement;

WHEREAS, research conducted pursuant to the Agreement by Sangeeta Bhatia, MD, PhD while employed by HHMI at Institution has resulted in the invention of a certain Subject Property entitled "Methods to Specifically Profile Protease Activity at Lymph Nodes," which is the subject of a patent application entitled (the "Invention"), and the Invention is a Subject Property; and

WHEREAS, HHMI wishes Sangeeta Bhatia, MD, PhD to act as its agent for the purpose of assigning to Institution the rights HHMI has in the Invention by reason of the research program conducted at Institution.

NOW THEREFORE, HHMI hereby appoints Sangeeta Bhatia, MD, PhD as its agent for the purpose of assigning the rights HHMI has or may acquire in the Invention to Institution in accordance with and subject to the conditions of the Agreement.

Executed: May 23, 2016

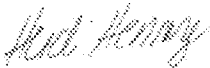
HOWARD HUGHES MEDICAL INSTITUTE



By:

Erin K. O'Shea, PhD
Vice President and Chief Scientific Officer

ATTESTED:



Heidi E. Henning
Vice President and General Counsel

MIT 18619H
HHMI 06269

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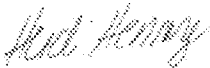
HOWARD HUGHES MEDICAL INSTITUTE



By:

Erin K. O'Shea, PhD
Vice President and Chief Scientific Officer

ATTESTED:



Heidi E. Henning
Vice President and General Counsel

MIT 18619H
HHMI 06269