

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5631619

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the RECEIVING PARTY'S NAME FROM IMMUNE DISEASE INSTITUTE TO IMMUNE DISEASE INSTITUTE, INC. previously recorded on Reel 030087 Frame 0690. Assignor(s) hereby confirms the CORRECT NAME FOR RECEIVING PARTY IS IMMUNE DISEASE INSTITUTE, INC..	
<b>RESUBMIT DOCUMENT ID:</b>	505581928	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	ULRICH H. VON ANDRIAN	05/18/2017
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	IMMUNE DISEASE INSTITUTE, INC.	
<b>Street Address:</b>	800 HUNTINGTON AVENUE	
<b>City:</b>	BOSTON	
<b>State/Country:</b>	MASSACHUSETTS	
<b>Postal Code:</b>	02115	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	13844382
<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>	heather@pabstpatent.com	
<b>Correspondent Name:</b>	PABST PATENT GROUP LLP	
<b>Address Line 1:</b>	1545 PEACHTREE STREET, SUITE 320	
<b>Address Line 4:</b>	ATLANTA, GEORGIA 30309	
<b>ATTORNEY DOCKET NUMBER:</b>	MIT 12788 CON (3)	
<b>NAME OF SUBMITTER:</b>	HEATHER BIFFLE	
<b>SIGNATURE:</b>	/Heather Biffle/	
<b>DATE SIGNED:</b>	07/23/2019	
<b>Total Attachments: 7</b>		
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## PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Ulrich H. von Andrian	11/06/2008
RECEIVING PARTY DATA	
Name:	Immune Disease Institute
Street Address:	800 Huntington Avenue
City:	Boston
State/Country:	MASSACHUSETTS
Postal Code:	02115
Name:	President and Fellows of Harvard College
Street Address:	17 Quincy Street
City:	Cambridge
State/Country:	MASSACHUSETTS
Postal Code:	02138
PROPERTY NUMBERS Total: 3	
Property Type	Number
Application Number:	13844100
Application Number:	13844258
Application Number:	13844382
CORRESPONDENCE DATA	
Fax Number:	4048792160
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	404-879-2157
Email:	candace@pabstpatent.com
Correspondent Name:	Pabst Patent Group LLP
Address Line 1:	1545 Peachtree Street
Address Line 2:	Suite 320

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Address Line 4: Atlanta, GEORGIA 30309	
ATTORNEY DOCKET NUMBER:	MIT 12788 CON
NAME OF SUBMITTER:	Candace C. Andrews
Total Attachments: 2 source=MIT_12788_Executed_Assignment_IDI_and_Harvard#page1.tif source=MIT_12788_Executed_Assignment_IDI_and_Harvard#page2.tif	

## CORRECTIVE ASSIGNMENT

This assignment is a corrective assignment which replaces the assignment from Ulrich H. Von Andrian to "Immune Disease Institute" and President and Fellows of Harvard College previously recorded at Reel 021846, Frame 0099 on November 17, 2008, and Reel 024313, Frame 0280 on April 29, 2010.

I, Ulrich H. Von Andrian of Chestnut Hill, Massachusetts, in consideration of ten dollars and other valuable consideration paid to me by each of in consideration of ten dollars and other valuable consideration paid to me by Immune Disease Institute, Inc., a corporation of the commonwealth of Massachusetts, having once had its principal place of business at 800 Huntington Avenue, Boston, Massachusetts 02115 and President and Fellows of Harvard, a university of the commonwealth of Massachusetts, having its principal place of business at 17 Quincy Street, Cambridge, Massachusetts 02138 (hereinafter "said Assignees"), the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said Assignees, effective as of November 6, 2008, their successors and assigns, a joint and undivided interest for the United States of America, and its possessions and territories, and all foreign countries and jurisdictions, in, to, and for (1) a certain invention(s) and/or improvement(s) the patents and applications listed in Schedule A attached hereto, (2) the patents and applications listed in Schedule A, (3) all Letters Patent of the United States and its possessions and territories and of all foreign countries and jurisdictions which may or shall be granted on said invention(s), on said improvement(s), or on said application(s), (4) all provisional, divisional, continuation, reissue, PCT, national phase, or other applications based thereon, and (5) all rights of priority, including the right to claim priority to said application(s), under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and any other treaty relating thereto.

I agree, for myself and my executors and administrators, with said Assignees and their successors and assigns, but at its or their expense or charges, hereafter to execute all applications, amended specifications, deeds or other instruments, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and its possessions and

**CORRECTIVE ASSIGNMENT**

**Ulrich H. Von Andrian to Immune Disease Institute, Inc. and President and Fellows of Harvard College**

territories and in all other foreign countries and jurisdictions to said Assignees, with specifications and claims in such form as shall be approved by the counsel of said Assignees, and to vest and confirm in said Assignees, their successors and assigns, the legal title to all such patents.

I do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application(s) based thereon to said Assignees, their successors and assigns.

I do hereby state (1) that the application(s) was made or was authorized to be made by me and (2) that I believe I am the original inventor of a claimed invention in the application(s).

I do hereby authorize said Assignees' attorney to correct any typographical errors on this form, if necessary, and to complete this form by the addition of the application number(s), application filing date(s), and attorney docket number(s), if necessary.

CORRECTIVE ASSIGNMENT


Ulrich H. Von Andrian to Immune Disease Institute, Inc. and President and Fellows of Harvard College

WITNESS my hand and seal this 18<sup>th</sup> day of May, 2017

  
Ulrich H. Von Andrian

Witnesses:

1.

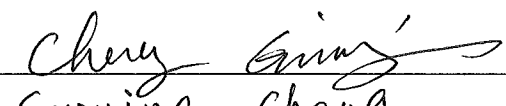
Signed: 

Printed Name: Elizabeth Nigro

Address: 77 Ave. Louis Pasteur, NRB 836

Boston, MA 02115

2.

Signed: 

Printed Name: Guiying Cheng

Address: 77 Ave. Louis Pasteur, NRB 836

Boston, MA 02115

**CORRECTIVE ASSIGNMENT**

Ulrich H. Von Andrian to Immune Disease Institute, Inc. and President and Fellows of Harvard College

**SCHEDULE A**

Attorney Docket Ref	Country	Title	Application No./ Patent No.	Filing/ Issue Date
MIT 12788 WO	Patent Cooperation Treaty	Vaccine Nanotechnology	PCT/US2008/011932	October 12, 2008
MIT 12788 AU	Australia	Vaccine Nanotechnology	2008314647	October 12, 2008
MIT 12788 DIV AU	Australia	Vaccine Nanotechnology	2013206461	August 25, 2016
MIT 12788 BR	Brazil	Vaccine Nanotechnology	PI0817664-7	October 12, 2008
MIT 12788 CA	Canada	Vaccine Nanotechnology	2,702,803	October 12, 2008
MIT 12788 DIV CA	Canada	Vaccine Nanotechnology	2,917,512	January 14, 2016
MIT 12788 CN	China	Vaccine Nanotechnology	20088011667.4	October 12, 2008
MIT 12788 DIV CN	China	Vaccine Nanotechnology	201610116667.7	March 1, 2016
MIT 12788 EP	Europe	Vaccine Nanotechnology	08839738.5	October 12, 2008
MIT 12788 DIV EP	Europe	Vaccine Nanotechnology	11075205.2	October 12, 2008
MIT 12788 DIV (2) EP	Europe	Vaccine Nanotechnology	13156651.5	October 12, 2008
MIT 12788 DIV (3) EP	Europe	Vaccine Nanotechnology	13156650.7	October 12, 2008
MIT 12788 DIV (4) EP	Europe	Vaccine Nanotechnology	13156642.4	October 12, 2008
MIT 12788 DIV HK	Hong Kong	Vaccine Nanotechnology	12105687.3	October 12, 2008
MIT 12788 DIV (2) HK	Hong Kong	Vaccine Nanotechnology	14101010.8	January 29, 2014
MIT 12788 DIV (3) HK	Hong Kong	Vaccine Nanotechnology	14101610.2	February 17, 2014
MIT 12788 DIV (4) HK	Hong Kong	Vaccine Nanotechnology	14101195.5	February 10, 2014
MIT 12788 IL	Israel	Vaccine Nanotechnology	205010	October 12, 2008
MIT 12788 DIV IL	Israel	Vaccine Nanotechnology	240444	August 9, 2015
MIT 12788 IN	India	Vaccine Nanotechnology	2504/DELN/2010	October 12, 2008
MIT 12788 JP	Japan	Vaccine Nanotechnology	2010-528911	October 12, 2008
MIT 12788 DIV (1) JP	Japan	Vaccine Nanotechnology	2013-150711	July 19, 2013
MIT 12788 DIV (2) JP	Japan	Vaccine Nanotechnology	2013-128358	June 20, 2013



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MIT 12788 DIV (3) JP	Japan	Vaccine Nanotechnology	2015-25608	February 12, 2015
MIT 12788 DIV (4) JP	Japan	Vaccine Nanotechnology	2015-25609	February 12, 2015
MIT 12788 DIV (5) JP	Japan	Vaccine Nanotechnology	2015-25610	February 12, 2015
MIT 12788 MX	Mexico	Vaccine Nanotechnology	MX/a/2010/003642	October 12, 2008
MIT 12788 DIV MX	Mexico	Vaccine Nanotechnology	MX/a/2013/008271	July 17, 2013
MIT 12788	US	Vaccine Nanotechnology	60/979,596	October 12, 2007
MIT 12788	US	Vaccine Nanotechnology	12/681,814	April 28, 2010
MIT 12788 CON	US	Vaccine Nanotechnology	13/844,100	March 15, 2013
MIT 12788 CON (2)	US	Vaccine Nanotechnology	13/844,258	March 15, 2013
MIT 12788 CON (3)	US	Vaccine Nanotechnology	13/844,382	March 15, 2013