

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT3855676

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
AJAY VERMA	02/26/2014
JACK HOPPIN	03/03/2014
JACOB HESTERMAN	03/03/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BIOGEN IDEC MA INC.
<b>Street Address:</b>	14 CAMBRIDGE CENTER
<b>City:</b>	CAMBRIDGE
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	02142
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14774577
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(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>	
<b>Phone:</b>	6176468000
<b>Email:</b>	patents_JohnH@wolfgreenfield.com
<b>Correspondent Name:</b>	WOLF GREENFIELD
<b>Address Line 1:</b>	600 ATLANTIC AVENUE
<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02210
<b>ATTORNEY DOCKET NUMBER:</b>	B1152.70059US01
<b>NAME OF SUBMITTER:</b>	JOHN HARMON
<b>SIGNATURE:</b>	/John Harmon/
<b>DATE SIGNED:</b>	05/03/2016
<b>Total Attachments: 8</b>	
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**ASSIGNMENT**

For valuable consideration, we, Ajay Verma of Bedford, MA; Jack Hoppin of Boston, MA; and Jacob Hesterman of Brighton, MA; hereby assign to Biogen Idec MA Inc., a corporation of Massachusetts having a place of business at:

14 Cambridge Center  
Cambridge, Massachusetts 02142,

and its successors and assigns (collectively hereinafter called "the Assignee"), our entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent entitled ASSESSMENT OF LABELED PROBES IN A SUBJECT, filed March 15, 2013, and assigned U.S. Serial Number 61/798,709, this assignment including said application, any and all United States and foreign utility patents and patent applications, including continuation, continuation-in-part, divisional, reissue, and reexamination applications, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our names or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventor's certificates for said inventions and improvements; and we agree for ourselves and our heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

DATE: 26 Feb 2014 Ajay Verma  
AJAY VERMA

Witness Signature: [Signature] Date: 2/26/14  
Witness Printed Name: Toby Ferguson

Witness Signature: [Signature] Date: 26-Feb-2014  
Witness Printed Name: Allison Holmes

DATE: \_\_\_\_\_

\_\_\_\_\_  
JACK HOPPIN

Witness Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Witness Printed Name:

Witness Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Witness Printed Name:

DATE: \_\_\_\_\_

\_\_\_\_\_  
JACOB HESTERMAN

Witness Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Witness Printed Name:

Witness Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Witness Printed Name:

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DATE: \_\_\_\_\_  
AJAY VERMA

Witness Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Witness Printed Name:

Witness Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Witness Printed Name:

DATE: 3/3/14


JACK HOPPIN

Witness Signature: Mark G. Kinner Date: March 3, 2014  
Witness Printed Name: Mark G. Kinner

Witness Signature: STEPHAN E. FELDMAN Date: 3/3/14  
Witness Printed Name: STEPHAN E. FELDMAN

DATE: 2014/03/03

  
JACOB HESTERMAN

Witness Signature:  Date: March 3, 2014  
Witness Printed Name: Mark G. Kinner

Witness Signature:  Date: 3/3/14  
Witness Printed Name: STEFANIE ALMANN