

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT2764902

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MAUREEN LANAN	02/14/2012
AMR ALI	02/14/2012
<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: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14241647
<b>PCT Number:</b>	US2012053528
<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 via US Mail.</i>	
<b>Phone:</b>	617-646-8000
<b>Email:</b>	patents_PatrickW@wolfgreenfield.com
<b>Correspondent Name:</b>	PATRICK R.H. WALLER
<b>Address Line 1:</b>	600 ATLANTIC AVENUE
<b>Address Line 2:</b>	WOLF GREENFIELD
<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02210
<b>ATTORNEY DOCKET NUMBER:</b>	B1152.70018US02
<b>NAME OF SUBMITTER:</b>	PATRICK R.H. WALLER
<b>SIGNATURE:</b>	/Patrick R.H. Waller/
<b>DATE SIGNED:</b>	03/12/2014
<b>Total Attachments: 3</b>	
source=B115270018US02-CASI-PRW#page1.tif	
source=B115270018US02-CASI-PRW#page2.tif	
source=B115270018US02-CASI-PRW#page3.tif	

ASSIGNMENT

For valuable consideration, we, Maureen Lanan, of Newton, MA; and Amr Ali, of Medford, MA, hereby assign to Biogen Idec MA Inc., a corporation of Massachusetts having a place of business at:

14 Cambridge Center  
Cambridge, Massachusetts 02142,

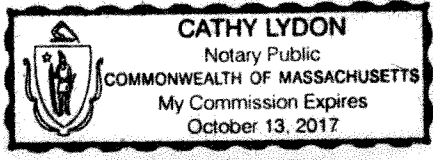
and its successors and assigns (collectively hereinafter called "the Assignee"), our entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent entitled USE OF NUCLEAR MAGNETIC RESONANCE AND NEAR INFRARED TO ANALYZE BIOLOGICAL SAMPLES, filed December 30, 2011, and assigned U.S. Serial Number 61/581,778, 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 name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective 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: 14 Feb 12

*Maureen Lanan*  
Maureen Lanan

STATE OF Massachusetts )  
 ) SS.  
COUNTY OF Middlesex )

Before me this 14<sup>th</sup> day of February, 2012, personally appeared Maureen Lanan known to me to be the person whose name is subscribed to the foregoing Assignment, proved to me through satisfactory evidence of identification in the form of personally known, and acknowledged that she executed the same as her free act and deed for the purposes therein contained.



[Notary's Seal Here]

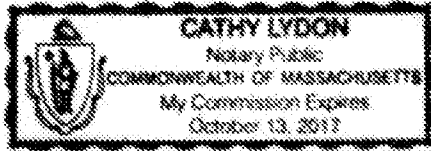
*C Lydon*  
Notary Public  
My Commission Expires: Oct. 13, 2017

DATE: 14 Feb 12

Amr Ali  
Amr Ali

STATE OF Massachusetts )  
COUNTY OF Middlesex ) SS.

Before me this 14th day of February, 2012, personally appeared Amr Ali known to me to be the person whose name is subscribed to the foregoing Assignment, proved to me through satisfactory evidence of identification in the form of personally known, and acknowledged that he executed the same as his free act and deed for the purposes therein contained.



[Notary's Seal Here]

C Lydon  
Notary Public  
My Commission Expires: Oct. 13, 2017