

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4283849

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
WEIWEI HU	09/16/2015
KELLY WILTBERGER	09/16/2015
HAOFAN PENG	09/16/2015
RACHEL FERGUSON	09/16/2015
RECEIVING PARTY DATA	
Name:	BIOGEN MA INC.
Street Address:	250 BINNEY STREET
City:	CAMBRIDGE
State/Country:	MASSACHUSETTS
Postal Code:	02142
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15126332
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:	mchiusano@wolfgreenfield.com
Correspondent Name:	WOLF, GREENFIELD & SACKS, P.C.
Address Line 1:	600 ATLANTIC AVENUE
Address Line 4:	BOSTON, MASSACHUSETTS 02210
ATTORNEY DOCKET NUMBER:	B1152.70031US01
NAME OF SUBMITTER:	BRANDON S. BLACKWELL
SIGNATURE:	/Brandon S. Blackwell/
DATE SIGNED:	02/21/2017
Total Attachments: 5	
source=B115270031US01-BIOGENASSN-BXB#page1.tif	
source=B115270031US01-BIOGENASSN-BXB#page2.tif	
source=B115270031US01-BIOGENASSN-BXB#page3.tif	

source=B115270031US01-BIOGENASSN-BXB#page4.tif

source=B115270031US01-BIOGENASSN-BXB#page5.tif

PATENT

REEL: 041319 FRAME: 0518

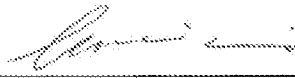
ASSIGNMENT

For valuable consideration, we, Weiwei Hu, of Cary, North Carolina; Kelly Wiltberger of Durham, North Carolina; Haofan Peng of Cary, North Carolina; and Rachel Ferguson of Morrisville, North Carolina hereby assign to Biogen MA Inc., a corporation of Massachusetts having a place of business at:

250 Binney Street
Cambridge, Massachusetts 02142

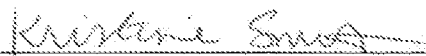
and its successors and assigns (collectively hereinafter called "the Assignee"), our entire right, title and interest throughout the world in the inventions and improvements which are subject of an international patent application filed in the United States Patent and Trademark Office entitled GAS DELIVERY DEVICES AND ASSOCIATED SYSTEMS AND METHODS, filed March 17, 2015, and assigned International Application Number PCT/US2015/021009, 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: 16 Sep 2015

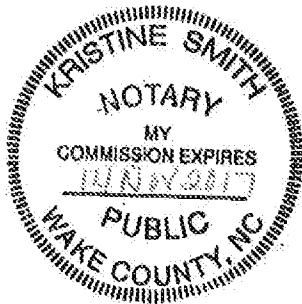

Weiwei Hu

STATE OF North Carolina)
COUNTY OF Wake) SS.

Before me this 16 day of September, 20 15, personally appeared Weiwei Hu 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 NC Driver License, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.


Notary Public
My Commission Expires: 14 NOV 2017

[Notary's Seal Here]



DATE: 16 Sep 15

Kelly Wiltberger
Kelly Wiltberger

STATE OF North Carolina)
COUNTY OF Wake) SS.

Before me this 16 day of September, 20 15, personally appeared Kelly Wiltberger 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 NC Driver License, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Kristine Smith
Notary Public

My Commission Expires: 14 Nov 2017

[Notary's Seal Here]



DATE: 9/16/2015

Haofan Peng
Haofan Peng

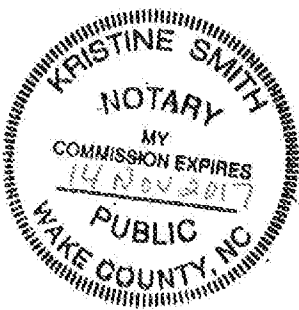
STATE OF North Carolina)
COUNTY OF Wake) SS.

Before me this 16 day of September, 2015, personally appeared Haofan Peng 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 Passport, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Kristine Smith
Notary Public

My Commission Expires: November 14, 2017

[Notary's Seal Here]

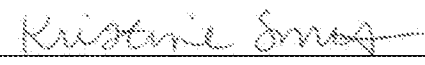


DATE: 16 September 2015


Rachel Ferguson

STATE OF North Carolina)
) SS.
COUNTY OF Wake)

Before me this 16 day of September, 2015, personally appeared Rachel Ferguson 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 NC Driver License, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.


Notary Public

My Commission Expires: 14 NOV 2017

[Notary's Seal Here]

