

<b>PATENT ASSIGNMENT COVER SHEET</b>
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EPAS ID: PAT6212945

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SUE SINACORE	01/29/2016
WILLIAM YANG	12/10/2015
YAO-MING HUANG	12/10/2015
THOMAS RYLL	12/22/2015
JIUYI LU	01/09/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BIOGEN MA INC.
<b>Street Address:</b>	225 BINNEY STREET
<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>	15128732
<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>	617-646-8000
<b>Email:</b>	patents_JosephB@wolfgreenfield.com
<b>Correspondent Name:</b>	JOSEPH M. BOWLER
<b>Address Line 1:</b>	600 ATLANTIC AVENUE
<b>Address Line 2:</b>	WOLF GREENFIELD & SACKS, P.C.
<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02210
<b>ATTORNEY DOCKET NUMBER:</b>	B1152.70090US01
<b>NAME OF SUBMITTER:</b>	JOSEPH M. BOWLER
<b>SIGNATURE:</b>	/Joseph M. Bowler/
<b>DATE SIGNED:</b>	07/22/2020
<b>Total Attachments: 7</b>	

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ASSIGNMENT

For valuable consideration, I, Jue Sinacore, of Andover, MA, the legal representative of the estate of Marty SINACORE, 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"), Marty SINACORE's entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent entitled Methods for Overcoming Glutamine Deprivation During Mammalian Cell Culture, filed March 24, 2015, and assigned International Patent Application Number PCT/US2015/022259, 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 authorize the Assignee to apply in all countries in the name of Marty SINACORE 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 I agree for Marty SINACORE and his 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.



ASSIGNMENT

For valuable consideration, we, William YANG, of Cary, NC; Yao-Ming HUANG, of Cary, NC, Thomas RYLL, of Lexington, MA, and Jiuyi LU, of Ipswich, MA, 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 application for United States Patent entitled Methods for Overcoming Glutamine Deprivation During Mammalian Cell Culture, filed March 24, 2015, and assigned International Patent Application Number PCT/US2015/022259, 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: 09 JAN 16

Jiuyi Lu  
Jiuyi LU

STATE OF Massachusetts  
COUNTY OF Essex ) SS.

Before me this 9th day of January, 2016, personally appeared Jiuyi LU 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 MA Drivers license, and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Elizabeth Brennan  
Notary Public

My Commission Expires:

[Notary's Seal Here]

