504915017 05/15/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4961761

SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT				
CONVEYING PARTY DA	TA					
			Name	Execution Date		
BRIAN T. HOPKINS				04/23/2018		
BIN MA	04/23/2018					
ROBIN PRINCE	04/23/2018					
ISAAC MARX	04/24/2018					
JOSEPH P. LYSSIKATO	04/18/2018					
FENGMEI ZHENG	04/23/2018					
MATTHEW PETERSON	04/23/2018					
DANIEL B. PATIENCE				04/23/2018		
RECEIVING PARTY DAT	гл					
Name:			INC			
Street Address:	BIOGEN MA INC. 225 BINNEY STREET					
City:	CAMBRIDGE MASSACHUSETTS					
State/Country:						
Destal Cada:	00440	02142				
Postal Code:	02142					
			Number			
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504915017

DATE SIGNED:	05/15/2018
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ASSIGNMENT

For valuable consideration, we, <u>Brian T. Hopkins</u>, of <u>Cambridge</u>, <u>Massachusetts</u>; <u>Bin Ma</u>, of <u>Cambridge</u>, <u>Massachusetts</u>; <u>Robin Prince</u>, of <u>Cambridge</u>, <u>Massachusetts</u>; <u>Isaac Marx</u>, of <u>Cambridge</u>, <u>Massachusetts</u> and <u>Joseph P. Lyssikatos</u>, of <u>Cambridge</u>, <u>Massachusetts</u>, <u>Fengmei</u> <u>Zheng</u>, of <u>Quincy</u>, <u>Massachusetts</u>; <u>Matthew Peterson</u>, of <u>Hopkinton</u>, <u>Massachusetts</u>, <u>Daniel B.</u> <u>Patience</u>, of <u>Arlington Massachusetts</u>, hereby assign to <u>Biogen MA Inc.</u>, a corporation of <u>Massachusetts</u> having a place of business at:

225 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 INHIBITING AGENTS FOR BRUTON'S TYROSINE KINASE, filed April 13, 2018, and assigned U.S. Serial Number 15/952,505, 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.

Assignment Page 1 of 9

DATE: 23rd of April 2018

Brian T. Hopkins

STATE OF <u>Massachusetts</u> COUNTY OF <u>Middlesex</u> ss.

Before me this <u>23</u> day of <u>April</u>, 20<u>8</u>, personally appeared Brian T. Hopkins 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 <u>200050</u>, and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Mionelle Radai

Notary Public My Commission Expires:

> MICHELLE RADDI Notary Public COMMONWEALTH OF MASSACHUGETTS My Commission Expires April 2, 2021

[Notary's Seal Here]

Attorney Docket No: 123429-04402 Biogen Reference No.: P1400 US 002

DATE: 23 rd byp 20/2 Bin Ma 🛹

STATE OF Massachusetts)) SS. COUNTY OF MIDDLESE X

Before me this <u>3</u> day of <u>AP(1)</u> , 20 | (personally appeared Bin Ma 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 XWØRS Tirense, _____, and acknowledged that he executed the same as his free Ű. act and deed for the purposes therein contained.

WA RAA

Notary Public

My Commission Expires:

MICHELLE RADDI Notary Public OMMONWEALTH OF MASSACHUSETTS My Commission Expires April 2, 2021

[Notary's Seal Here]

Assignment Page 3 of 9

DATE: <u>4/23//8</u>

: Prima

Robin Prince

STATE OF MASSACHUSETTS) SS. COUNTY OF Middlesex

Before me this ______ day of ______, 20____, 20____, personally appeared Robin Prince 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 _______, $MMS_MS_MS_MS_M$, and acknowledged that she executed the same as her free act and deed for the purposes therein contained.

Notary Public My Commission Expires:

[Notary's Seal Here]

MICHELLE RADDI Notary Public COMMONWEALTH OF MASSACHUSETTS My Commission Expires April 2, 2021

Assignment Page 4 of 9

Attorney Docket No: 123429-04402 Biogen Reference No.: P1400 US 002

DATE: 4/24/18

Isaac Marx

STATE OF MOSSACHUSS H) SS. COUNTY OF Middlesex

Before me this 24 day of 40^{10} , 20^{18} , personally appeared Isaac Marx 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 40^{10} , and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

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Notary Public My Commission Expires:

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Assignment Page 5 of 9

DATE: 4/18/2018

Joseph P. Lyssikatos

Witness:	Maga:	e alfred
Name:	Magali	GUFFRSY

Date: 18 Apa 8 2018

Witness	F	il
Name:	Had:	FalahatPisheh

Date: 4(18/2018

DATE: 23rd Mir: 1 2018 Fengmei Zheng
STATE OF MASSACHUSEHS) COUNTY OF Middles ex
Before me this 23 day of $April$, 20 8 , personally appeared Fengmei Zheng 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 \underline{AVVS} , and acknowledged that he executed the same as his free act and deed for the purposes therein contained.
MANINDO LADÍ

<u>YMAMAUL LAAA</u> Notary Public My Commission Expires:





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Attorney Docket No: 123429-04402 Biogen Reference No.: P1400 US 002

DATE: 23 April 2018

Matthew Peterson

STATE OF MASSACHUSCHS COUNTY OF MIDDLESKX) SS.

Before me this <u>23</u> day of <u>April</u>, <u>20</u>, personally appeared Matthew Peterson 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 <u>210005</u>, and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

 $\rho_{A}A$

Notary Public My Commission Expires:

MICHELLE RADDI Notary Public COMMONWEALTH OF MASSACHUSETTS My Commission Expires April 2, 2021

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[Notary's Seal Here]

Assignment Page 8 of 9

DATE: 4/23/18

will Bating

Daniel B. Patience

STATE OF Massachusetts, COUNTY OF Middle Sex 3 SS.

Before me this 23 day of 490, 20, personally appeared Daniel B. Patience 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 3000, and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

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Notary Public My Commission Expires:





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Assignment Page 9 of 9

RECORDED: 05/15/2018