## 508013165 07/17/2023

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT8060308

SUBMISSION TYPE:			NEW ASSIGNMENT			
NATURE OF CONVEYANCE:			ASSIGNMENT			
CONVEYING PARTY D	ΔΤΑ					
			Name	Execution Date		
JURG SOMMER				05/29/2014		
HAIYAN JIANG				05/29/2014		
XIN ZHANG				06/03/2014		
BUYUE YANG				05/28/2014		
GLENN PIERCE				06/03/2014		
	ΑΤΑ					
Name: BIOGEN IDEC HEMOPHILIA INC.						
Street Address:						
City:	WALTH	WALTHAM				
 State/Country:	MASSA	CHU	SETTS			
Postal Code:	02451					
PROPERTY NUMBER	S Total: 1					
PROPERTY NUMBER Property Type			Number			
Property Type		16848				
Property Type Application Number:		16848				
Property Type Application Number: CORRESPONDENCE	DATA					
Property Type Application Number: CORRESPONDENCE Fax Number: Correspondence will I	DATA be sent to	(857): • the e	3445			
Property Type Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will I</i> using a fax number, if	DATA be sent to provided	(857): • the e	3445 300-4001 <b>e-mail address first; if that is unsu</b>			
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Property Type Application Number: CORRESPONDENCE Fax Number: Correspondence will I using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	DATA be sent to provided	(857): <b>5</b> the e (857) leslie. LATH 28 ST 7TH F	300-4001 <i>e-mail address first; if that is unsu</i> <i>pat is unsuccessful, it will be sent</i> 300-4000 roberts@lathropgpm.com, internalip IROP GPM LLP TATE STREET FLOOR	via US Mail.		
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Property Type Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will I using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	DATA be sent to provided	(857): <b>5</b> the e (857) leslie. LATH 28 ST 7TH F	300-4001 <i>address first; if that is unsu</i> <i>at is unsuccessful, it will be sent</i> 300-4000 roberts@lathropgpm.com, internalip ROP GPM LLP TATE STREET FLOOR TON, MASSACHUSETTS 02109 704847:SA9-416USDIV -10F3	via US Mail.		

**Total Attachments: 6** 

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## ASSIGNMENT

For valuable consideration, we, JURG SOMMER, of Wayland, MA; HAIYAN JIANG, of Belmont, MA; XIN ZHANG, of Weston, MA; BUYUE YANG, of Arlington, MA; and GLENN PIERCE, of Rancho Santa Fe, CA, hereby assign to Biogen Idec Hemophilia Inc., a corporation of Delaware having a place of business at:

9 Fourth Avenue Waltham, Massachusetts 02451,

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 Assays to Monitor Bleeding Disorders, assigned as U.S. Application Number 14/234,789 (U.S. National phase application of International Application No. PCT/US2012/048191; I.A. filing date: July 25, 2012), 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 6

## PATENT REEL: 064281 FRAME: 0745

DATE: 29 May 2019	Asome	-
	Jurg SOMMER	

STATE OF <u>Massa chusefts</u>) SS. COUNTY OF <u>Middles-ex</u>)

Before me this  $29^{4h}$  day of  $Mu\gamma$ , 2014, personally appeared Jurg SOMMER 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>itense</u>, and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Anadr

Notary Public My Commission Expires:

[Notary's Seal Here]





Assignment Page 2 of 6

1808140\_1.DOC

DATE: May 29, 2014

Haiyan JIANG

STATE OF <u>Mussuchosetts</u>) SS. COUNTY OF <u>Middlesey</u>)

Before me this  $29^{4h}$  day of May, 2019, personally appeared <u>Haivan JIANG</u> 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>License</u>, and acknowledged that she executed the same as her free act and deed for the purposes therein contained.

. afmaile Notary Public

My Commission Expires:

[Notary's Seal Here]



Assignment Page 3 of 6

PATENT REEL: 064281 FRAME: 0747

DATE: 06/03/2014

Xin ZHANG

STATE OF Massachusetts ss. 456-85-5394 COUNTY OF <u>USA</u>

Before me this  $3^{rd}$  day of  $5^{rd}$ ,  $20^{rd}$ , personally appeared Xin ZHANG 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 1/(rhSc), and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

made Notary Public

My Commission Expires:

[Notary's Seal Here]

LAURA R. ALMADA Notary Public Commonwealth of Massachusetts My Commission Expires March 16,2018

PATENT REEL: 064281 FRAME: 0748

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1808140\_1.DOC

DATE: 05/28/ 2014

Buvue YANG

STATE OF <u>Hassa chose HS</u>) ss.

Before me this  $28^{++}$  day of 444, 204, personally appeared <u>Buyue YANG</u> 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 4204, and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

? Ofmale Notary Public

My Commission Expires:

[Notary's Seal Here]



LAURA R. ALMADA Notary Public Commonwealth of Massachusetts My Commission Expires March 16,2018

Assignment Page 5 of 6

DATE: \_\_\_\_\_\_6/3/14\_\_

Cerco

Glenfi PIERCE

STATE OF <u>Myssachurset + s</u> COUNTY OF <u>Mid dles ex</u> ) ) SS.

Before me this 3rd day of June, 20 14, personally appeared Glenn PIERCE 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 Litense, and acknowledged that he executed the same as his of free act and deed for the purposes therein contained.

Guada Notary Public

My Commission Expires:

[Notary's Seal Here]

LAURA R. ALMADA Notary Public Commonwealth of Massachusetts My Commission Expires

March 16,2018

Assignment Page 6 of 6

RECORDED: 08/18/2028