## 504641075 11/14/2017

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4687795

SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PART	Υ DATA			
		Name	Execution Date	
WILLIAM H. FREY II			01/14/2014	
LEAH RANAE BRES	IN HANSO	N	01/17/2014	
RECEIVING PARTY	DATA			
Name:	HEAL	HEALTHPARTNERS INSTITUTE FOR EDUCATION AND RESEARCH		
Street Address:	8170 :	8170 33RD AVENUE SOUTH		
City:	BLOC	BLOOMINGTON		
State/Country:	MINN	MINNESOTA		
Postal Code:	55425	55425		
PROPERTY NUMBE	RS Total:	1		
Property Ty	ре	Number		
Application Number:		15335027		
Application Numbe		15335027		
	LDAIA			
Fax Number:		(415)442-1001		

Phone:	(415) 442-1000
Email:	linda.lim@morganlewis.com
Correspondent Name:	JEFFRY S. MANN
Address Line 1:	ONE MARKET, SPEAR STREET TOWER
Address Line 2:	MORGAN, LEWIS & BOCKIUS LLP
Address Line 4:	SAN FRANCISCO, CALIFORNIA 94105

ATTORNEY DOCKET NUMBER:	008073-5074-US01			
NAME OF SUBMITTER:	LINDA LIM			
SIGNATURE:	/Linda Lim/			
DATE SIGNED:	11/14/2017			
Total Attachments: 3				
source=008073-5074-US - Inventors to HPIER#page1.tif				
source=008073-5074-US - Inventors to HPIER#page2.tif				
source=008073-5074-US - Inventors to HPIER#page3.tif				

ASSIGNMENT (Joint Inventors)

Serial No. 14/189,981

Filed: February 25, 2014

Attorney Docket No.: 008073-5074-US

For good and valuable considerations, the receipt and sufficiency whereof are hereby acknowledged, we hereby assign to **HealthPartners Institute for Education and Research**, a Minnesota non-profit corporation, having a principal place of business at **Minneapolis**, **MN**, its successors, legal representatives and assigns, (hereinafter referred to as "assignee") the entire right, title and interest throughout the world, to the extent not previously assigned to assignee, in our invention or improvements in

## TREATMENT OF CENTRAL NERVOUS SYSTEM DISORDERS BY INTRANASAL ADMINISTRATION OF IMMUNOGLOBULIN G

and, effective as of the date of filing, in the above listed application(s) for Letters Patent therefor, executed by each of us individually, and any and all other patent applications in any and all countries which have been or may hereafter be filed, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of any country which may be obtained on any of the said applications, and in any reissue or extension thereof and any applications that claim priority thereto, including any regional and national stage applications.

We hereby authorize and request the patent offices of all countries to issue to the said assignee all patents that may issue on said invention or improvements. We hereby authorize and request the attorneys of record in said application to insert in this assignment the date and serial number and docket number of said applications when officially known.

We warrant ourselves to be the owners of the interest herein assigned and to have the right to make this assignment; and further warrant that there are no outstanding prior assignments, licenses, or other rights to any person or entity other than the assignee in the interest herein assigned.

For said considerations we hereby agree, upon the request and at the expense of said assignee, its successors, legal representatives and assigns, to execute any and all divisional, continuation, and renewal applications for said invention or improvements, and any necessary oath or supplemental oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, including any regional and national stage applications that claim priority thereto, that said assignee, its successors, legal representatives and assigns may deem necessary or expedient, and for the said considerations we further agree, upon the request of said assignee, its successors, legal representatives and assigns, in the event of said application or any continuation or division thereof, or Letters Patent issued thereon, or any reissue or application for the reissue thereof becoming involved in interference, to cooperate to the best of our ability with said assignee, its successors, legal representatives and assigns in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof.

We further agree to perform, upon such request, any and all affirmative acts, including but not limited to execution of any and all documents deemed necessary or expedient by the said assignee or its successors, legal representatives or assigns, to obtain Letters Patent, and vest all rights therein hereby conveyed in the said assignee, its successors, legal representatives and assigns whereby said Letters Patent will be held and enjoyed by the said assignee, its successors, legal representatives and assigns to the end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made, and for the said considerations we hereby also assign to said assignee, its successors, legal representatives and autility model applications in all countries arising under any applicable international convention for the protection of industrial property and/or any internal priority legislation of such countries, and we further agree upon the request of said assignee, its successors, legal representatives and all documents that shall be required to be executed in connection with any and all applications for foreign Letters Patent therefor, including the prosecution thereof, and to execute any and all documents necessary to invest title in said foreign applications and patents in said assignee.

WITNESS our hand and seal.

Serial No. 14/189,981	Filed: February 25, 20	14 Attorney Docket No.: 008073-5074-US
TREATMENT OF CENTRAL NERVOUS	S SYSTEM DISORDER IMMUNOGLOBULIN	S BY INTRANASAL ADMINISTRATION OF G
Inventor Name: William H. Frey 🎞	Inve	entor Name: Leah Ranae Bresin Hanson
Date <u>01-14-2014</u>	Date	e
Signature <u>Aillian A. Trei</u>	F. Sign	nature
State of California	Stat	e of
County of San Francisco	Cou	inty of
JAN 1 4 2014 On before me,	On	before me,
Jon Wai Lee Notary Public (Notary F		(Notary Public),
Willian H. Frey personally appeared, p to me (or proved to me on the basis of satisfi to be the person(s) whose name(s) is/are so within instrument and acknowledged to me executed the same in his/her/their authorize and that by his/her/their signature(s) on the person(s), or the entity upon behalf of whice acted, executed the instrument.	actory evidence) to m ubscribed to the be to that he/she/they instr ed capacity(ies), the instrument the his/h sh the person(s) the	sonally appeared, personally known the (or proved to me on the basis of satisfactory evidence) to the person(s) whose name(s) is/are subscribed to the within rument and acknowledged to me that he/she/they executed same in his/her/their authorized capacity(ies), and that by her/their signature(s) on the instrument the person(s), or entity upon behalf of which the person(s) acted, executed instrument.
WITNESS my hand and official seal.	WIT	NESS my hand and official seal.
Notary Signature	Nota	ary Signature
(Seal)	california C (Sea	NÎ)

95.1

Serial No. 14/189,981

Filed: February 25, 2014

Attorney Docket No.: 008073-5074-US

## TREATMENT OF CENTRAL NERVOUS SYSTEM DISORDERS BY INTRANASAL ADMINISTRATION OF IMMUNOGLOBULIN G

Inventor Name: Leah Ranae Bresin Hanson Inventor Name: William H. Frey Date \_\_\_\_\_ Date \_\_\_\_\_ Signature Signature \_\_\_\_\_ State of State of \_\_\_\_\_ County of County of\_\_\_\_\_ On \_\_\_\_\_\_ before me, pefore me (Notary Public). (Notary Public), , personally known , personally known personally appeared personally appeared \_\_\_\_ to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the

to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature\_\_\_\_\_

(Seal)

personally appeared \_\_\_\_\_\_, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my	hand and official seal.
	Allet. B
Notary Signa	ure
(Seal)	LYLA A BEARD Notary Public Minnesota My Comm. Expires

Page 2 of 2