## 504259413 03/07/2017

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PART	Υ DATA				
		Name		Execution Date	
ERIC CROMBEZ				02/26/2013	
KIRAN BHIRANGI				02/06/2013	
GABRIEL MARTIN COHN				02/28/2013	
RECEIVING PARTY	DATA				
Name:	SHIRE HUMAN GENETIC THERAPIES, INC.				
Street Address:	300 SH	300 SHIRE WAY			
City:	LEXING	LEXINGTON			
State/Country:	MASSA	MASSACHUSETTS			
Postal Code:	02421	02421			
		N I	]		
Property Type		Number			
Application Numbe	r: [	14381680			
CORRESPONDENC	E DATA				
Fax Number:		212)704-6288			
		the e-mail address first; if the second state of the second second second states the second states the second s the second se			
Email: IPse		· · · · · · · · · · · · · · · · · · ·	rvicesNYC@troutmansanders.com		
•		FROUTMAN SANDERS LLP			
		375 THIRD AVENUE			
		SUITE 1700			
Address Line 4:		NEW YORK, NEW YORK 100	22		
ATTORNEY DOCKET NUMBER:		242019.000492	242019.000492		
NAME OF SUBMITTER:		RALUCA ONER	RALUCA ONER		
SIGNATURE:		/RALUCA ONER/	/RALUCA ONER/		
DATE SIGNED:		03/07/2017	03/07/2017		
<b>Fotal Attachments:</b> 4 source=Assignment-1 source=Assignment-1 source=Assignment-1 source=Assignment-1	4381680#paq 4381680#paq 4381680#paq	ge2.tif ge3.tif			

## ASSIGNMENT

For valuable consideration, we, Eric Crombez, of Boston, MA; Kiran Bhirangi of Demarest, NJ; Gabriel Martin Cohn of East Longmeadow, MA hereby assign to SHIRE HUMAN GENETIC THERAPIES, INC., a corporation of Delaware, having a place of business at 300 Shire Way, Lexington, MA, 02421 and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled COMPOSITIONS AND METHODS FOR TREATING TYPE III GAUCHER DISEASE, filed March 2, 2012, and assigned U.S. Serial Number 61/606,089, this Assignment including said application, any and all United States and foreign patents, 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 I authorize the Assignee to apply in all countries in my 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 I agree for myself and my 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: \_26 FEB 2013

Eric Crombez

STATE OF <u>Manachuretts</u> COUNTY OF <u>Middler</u> SS.

On  $\underline{fe4}$ ,  $\underline{Ae}_{1}$ ,  $\underline{Ae}_{1}$ , before me, the undersigned, a notary public for the State of <u>Massachusetts</u>, there personally appeared Eric Crombez personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.

WITNESS my hand and official seal.

y Public

BIANKA D. KOLS Notary Public COMMONWEALTH OF MASSACHR/SET My Commission Explose January 28, 2018

DATE: 6 Fab. 2013

Kiran Bhirangi

STATE OF <u>Manachusetts</u> COUNTY OF <u>Middler</u> ) SS.

On <u>*ieb. 4, 2013*</u>, before me, the undersigned, a notary public for the State of <u>Massachusetts</u>, there personally appeared Kiran Bhirangi personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.

WITNESS my hand and official seal.

ary Public

BIANKA D. KOLB Notary Public NWEALTH OF MASSACHUNE My Commission Expires January 28, 2016

DATE: 38 Feb. 2013

Gabriel Martin Cohn

STATE OF <u>Massachurun</u> Mallezex 80kc..... ) \$\$.

On <u>Massachusetts</u>, there personally appeared Gabriel Martin Cohn personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.

WITNESS my hand and official seal.

Notary Public

BIANKA D. KOLB Notary Public COMMONWEALTH ÓF MASSACHUSETTI My Commission Expires January 28, 2018

PATENT REEL: 041483 FRAME: 0149

1468367.1

## **RECORDED: 03/07/2017**