

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5837712

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DENNIS KEEFE	03/19/2018
RECEIVING PARTY DATA	
Name:	SHIRE HUMAN GENETIC THERAPIES, INC.
Street Address:	300 SHIRE WAY
City:	LEXINGTON
State/Country:	MASSACHUSETTS
Postal Code:	02421
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15564969
CORRESPONDENCE DATA	
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Address Line 1:	ONE INTERNATIONAL PLACE
Address Line 4:	BOSTON, MASSACHUSETTS 02110
ATTORNEY DOCKET NUMBER:	SHR-1188US
NAME OF SUBMITTER:	JULIO J. MENDEZ, PH.D.
SIGNATURE:	/Julio J. Mendez/
DATE SIGNED:	11/25/2019
Total Attachments: 4	
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source=SHR-1188US_Keefe#page4.tif	

ASSIGNMENT

WHEREAS, I, Dennis Keefe, have invented one or more inventions described in an application (or provisional application) for Letters Patent of the United States entitled:

**ANTI-FLT-1 ANTIBODIES IN TREATING BRONCHOPULMONARY
DYSPLASIA**

and identified by

Attorney Docket No. SHR-1188US and/or executed by me on even date herewith and about to be filed in the United States Patent Office;

Application No. 15/564,969 filed in the United States Patent Office on October 6, 2017, which is a 35 U.S.C. § 371 National Stage Application of PCT/US16/26420 filed in the United States Patent Office as Receiving Office on April 7, 2016, which claims priority to 62/144,241 filed in the United States Patent Office on April 7, 2015.

WHEREAS, Shire Human Genetic Therapies, Inc. (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of Massachusetts, and having a usual place of business at 300 Shire Way, Lexington, Massachusetts, 02421, desires to acquire an interest therein, in accordance with agreements duly entered into with me.

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, my entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to the invention(s) described in said applications, together with my entire right, title and interest in and to said applications and such Letters Patent as may issue thereon or claim priority under United States law or international convention, including but not limited to non-provisionals, continuations, divisionals, reissues, reexaminations, extensions, and substitutions of said applications or such Letters Patent, and any right, title and interest I may have in provisional applications to which said applications claim priority; said invention(s), applications and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by me had this assignment and sale not been made; I hereby convey all of my rights arising under or pursuant to any and all United States laws and international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent, including but not limited to any cause(s) of action and damages accruing prior to this assignment. I hereby acknowledge that this assignment, being of my entire right, title and interest in and to said invention(s), carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure

the grant of all Letters Patent to ASSIGNEE in its own name as assignee of my entire right, title and interest therein;

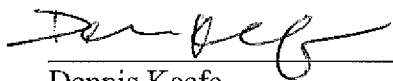
AND, I hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention(s) to said ASSIGNEE, its successors, assigns, and legal representatives, but at its or their expense and charges, including the execution of non-provisional, substitution, continuation, divisional, reissue, reexamination, or corresponding foreign or international patent applications;

AND, I hereby further agree to provide statements or testimony in any interference or other proceeding in which said invention(s) or any application or patent directed thereto may be involved;

AND, I hereby authorize ASSIGNEE or its attorneys or agents to insert the correct serial number and filing date into this assignment, if none is indicated on the date of my execution of this assignment;

AND, I hereby authorize and request the Director of the United States Patent and Trademark Office to issue such Letters Patent as shall be granted upon said applications, or applications based thereon, to said ASSIGNEE, its successors, assigns, or legal representatives.

IN TESTIMONY WHEREOF, I have hereunto set my hand-and affixed my seal on the date set forth below.

Inventor: 
Dennis Keefe


NOTARIZATION

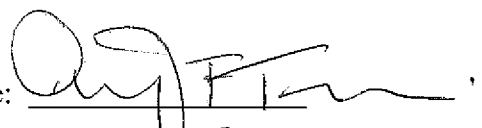
State/Commonwealth of _____)
County of _____) ss

On this ___ day of _____, 20___, before me, the undersigned notary public, personally appeared Dennis Keefe, proved to me through satisfactory evidence of identification, which were _____, to be the person whose name is signed on the preceding or attached document in my presence.


Notary Public
My Commission Expires:

WITNESSES

Witness Signature: 
Witness Name: LISA Bruce
Witness Date: 19 Mar 2018

Witness Signature: 
Witness Name: ANTHONY F. TROMBINO
Witness Date: 19 MAR 2018

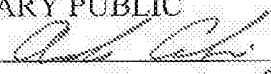
Acknowledged and agreed to by:
Shire Human Genetic Therapies, Inc.

By: 
Name: Margo Furman
Title: Vice President, Legal IP
Date: 26 March 2018

STATE OF Massachusetts SS.
COUNTY OF Middlesex

Before me this 26 day of March, 2018, personally appeared Margo Furman, and proved to me through satisfactory evidence of identity which was a license to be the person whose name is signed on the preceding or attached document, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth.

NOTARY PUBLIC


Name: Amanda Cucchiara
My Commission Expires: June 15, 2023

WITNESSES

Witness Signature: _____
Witness Name: _____
Witness Date: _____

Witness Signature: _____
Witness Name: _____
Witness Date: _____

