

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4503713

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HAKON HAKONARSON	11/07/2016
CHARLLY KAO	11/07/2016
CHRISTOPHER CARDINALE	11/07/2016
RAHUL PANDEY	11/07/2016
YUN ROSE LI	11/18/2016
RECEIVING PARTY DATA	
Name:	The Children's Hospital of Philadelphia
Street Address:	34th & Civic Center Boulevard
City:	Philadelphia
State/Country:	PENNSYLVANIA
Postal Code:	19104
PROPERTY NUMBERS Total: 4	
Property Type	Number
Application Number:	15242210
PCT Number:	US1647872
Application Number:	62208383
Application Number:	62320400
CORRESPONDENCE DATA	
Fax Number:	(215)590-5484
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	2674267826
Email:	lastes@email.chop.edu
Correspondent Name:	STEPHANIE LASTE
Address Line 1:	34TH & CIVIC CTR BLVD; CTRB; STE 2200-10
Address Line 4:	PHILADELPHIA, PENNSYLVANIA 19104
ATTORNEY DOCKET NUMBER:	0855US
NAME OF SUBMITTER:	STEPHANIE LASTE
SIGNATURE:	/STEPHANIE LASTE/

DATE SIGNED:	07/14/2017
Total Attachments: 5 source=0855US Executed Assignment#page1.tif source=0855US Executed Assignment#page2.tif source=0855US Executed Assignment#page3.tif source=0855US Executed Assignment#page4.tif source=0855US Executed Assignment#page5.tif	

ASSIGNMENT OF INVENTION

WHEREAS, WE, Hakon Hakonarson, Charly Kao, Christopher Cardinale, Rahul Pandey and Yun Rose Li, hereafter referred to as INVENTORS, have made a certain new and useful invention in Methods of Treating Autoimmune Conditions in Patients With Genetic Variations in DCR3 or in a DCR3 Network Gene and have filed an application Serial No. 15/242,210 for Letters Patent of the United States based thereon on August 19, 2016 which claims priority to United States Provisional Application Nos. 62/208,383, filed August 21, 2015, and 62/320,400, filed April 8, 2016.

WHEREAS, WE, the INVENTORS, are associated with THE CHILDREN'S HOSPITAL OF PHILADELPHIA as employees of THE CHILDREN'S HOSPITAL OF PHILADELPHIA or were employees at the time of the conceived invention at THE CHILDREN'S HOSPITAL OF PHILADELPHIA.

WHEREAS, THE CHILDREN'S HOSPITAL OF PHILADELPHIA, a non-profit Corporation, organized and existing under the laws of the Commonwealth of Pennsylvania and having an office and place of business at 3401 Civic Center Boulevard, Philadelphia, Pennsylvania 19104, is desirous of acquiring the entire right, title and interest in and to the invention and all improvements thereon which may be made, conceived or acquired by INVENTORS, during the course of their association with THE CHILDREN'S HOSPITAL OF PHILADELPHIA, aforesaid and for one year thereafter, in and throughout the United States, its territories and all countries foreign thereto, and in and to said application for Letters Patent, and in and to any and all utility patent applications and Letters Patents of the United States and all countries foreign thereto which have been granted or may be granted on said invention or any part thereof, including the right to claim priority and assignment of all rights under the provisions of the International Convention.

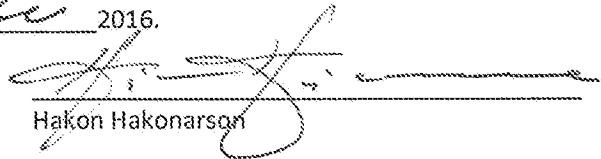
NOW, THEREFORE, IN CONSIDERATION of one or more of the following: (i) my continued employment at THE CHILDREN'S HOSPITAL OF PHILADELPHIA including its Research Institute (collectively, "THE CHILDREN'S HOSPITAL OF PHILADELPHIA"); (ii) my continued participation in research at THE CHILDREN'S HOSPITAL OF PHILADELPHIA; (iii) my continued access to THE CHILDREN'S HOSPITAL OF PHILADELPHIA facilities, funds, and other resources; and/or (iv) my continued opportunity to share in royalties and other inventor/author rights outlined in THE CHILDREN'S HOSPITAL OF PHILADELPHIA's current "Patent Policy" (the "Patent Policy"), and intending to be legally bound, hereby agree to be legally bound by the Patent Policy and all of its terms conditions, wherein the receipt of such consideration is hereby acknowledged; INVENTORS, by these presents do hereby sell, assign and transfer unto the said THE CHILDREN'S HOSPITAL OF PHILADELPHIA the entire right, title, and interest in and throughout the United States, its territories and all countries foreign thereto in and to said invention, in and to said application for Letters Patent and any and all utility patent applications and Letters Patents and extensions thereof, of the United States and countries foreign thereto which have been or may be granted on said invention or any part thereof and any international priority rights associated therewith; including the right to claim priority and assignment of all rights under the provisions of the International Convention.

TO BE HELD AND ENJOYED by the said THE CHILDREN'S HOSPITAL OF PHILADELPHIA and its legal representatives and assigns to the full ends of the terms United States Patent Application No. 15/242,210 for which said Letters Patent, or any of them, have been granted as fully and entirely as the

same would have been held and enjoyed by INVENTORS, had no sale and assignment of said interest been made; and INVENTORS, do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patents which may be granted upon the said application above referred to, or any of them or upon said invention or any part thereof, to THE CHILDREN'S HOSPITAL OF PHILADELPHIA, and INVENTORS, hereby agree for myself, my heirs, executors and administrators, to execute without further consideration, any further legal documents and any further assignments and any releases, reissues, renewals or other application for Letters Patents that may be deemed necessary by THE CHILDREN'S HOSPITAL OF PHILADELPHIA, to fully secure to THE CHILDREN'S HOSPITAL OF PHILADELPHIA, its interest as aforesaid in and to said invention or any part thereof and in and to several Letters Patent or any of them.

INVENTORS, do hereby covenant for their self and their legal representatives, and agree with THE CHILDREN'S HOSPITAL OF PHILADELPHIA and its legal representatives, that INVENTORS, has granted no license to make or sell the said invention, that prior to the execution of this deed our right, title and interest in the said invention has not been encumbered, that INVENTORS, then had good right and title in and to the invention and that INVENTORS, have not executed and will not execute any instrument in conflict therewith.

IN WITNESS WHEREOF, I, Hakon Hakonarson intending to be legally bound, have hereunto affixed my hand and seal this day 07 of November 2016.

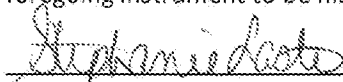

Hakon Hakonarson

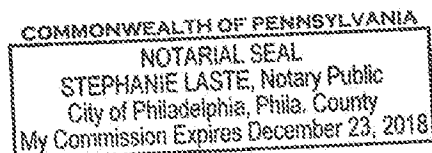
STATE OF PENNSYLVANIA

ss.

CITY OF PHILADELPHIA

Before me personally appeared said Hakon Hakonarson and acknowledged the foregoing instrument to be his free act and deed this day 7th of December 2016.


Notary Public (SEAL)



IN WITNESS WHEREOF, I, Charly Kao, intending to be legally bound, have hereunto affixed my hand and seal this day 7th of November 2016.

Charly Kao
Charly Kao

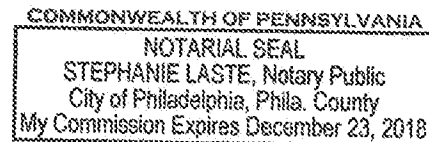
STATE OF PENNSYLVANIA

ss.

CITY OF PHILADELPHIA

Before me personally appeared said Charly Kao and acknowledged the foregoing instrument to be his free act and deed this day 7th of November 2016.

Stephanie Laste (SEAL)
Notary Public



IN WITNESS WHEREOF, I, Christopher Cardinale, intending to be legally bound, have hereunto affixed my hand and seal this day 7th of November 2016.

Christopher Cardinale
Christopher Cardinale

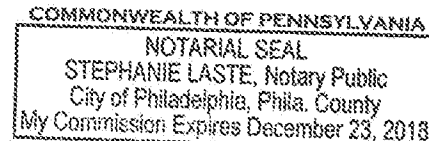
STATE OF PENNSYLVANIA

ss.

CITY OF PHILADELPHIA

Before me personally appeared said Christopher Cardinale and acknowledged the foregoing instrument to be his free act and deed this day 7th of November 2016.

Stephanie Laste (SEAL)
Notary Public



IN WITNESS WHEREOF, I, Rahul Pandey, intending to be legally bound, have hereunto affixed my hand and seal this day 7 of November 2016.

Rahul Pandey
Rahul Pandey

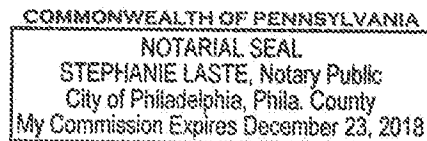
STATE OF PENNSYLVANIA

ss.

CITY OF PHILADELPHIA

Before me personally appeared said Rahul Pandey and acknowledged the foregoing instrument to be his free act and deed this day 7th of November 2016.

Stephanie Laste (SEAL)
Notary Public



IN WITNESS WHEREOF, I, Yun Rose Li intending to be legally bound, have hereunto affixed my hand and seal this day ____ of _____ 2016.

Yun Rose Li

STATE OF PENNSYLVANIA

ss.

CITY OF PHILADELPHIA

Before me personally appeared said _____ and acknowledged the foregoing instrument to be his free act and deed this day ____ of _____ 2016.

Notary Public

IN WITNESS WHEREOF, I, Rahul Pandey, intending to be legally bound, have hereunto affixed my hand and seal this day _____ of _____ 2016.

Rahul Pandey

STATE OF PENNSYLVANIA

ss.

CITY OF PHILADELPHIA

Before me personally appeared said _____ and acknowledged the foregoing instrument to be his free act and deed this day ____ of _____ 2016.

(SEAL)
Notary Public

IN WITNESS WHEREOF, I, Yun Rose Li intending to be legally bound, have hereunto affixed my hand and seal this day 18 of November 2016.

Yun Rose Li

Yun Rose Li

California
~~STATE OF PENNSYLVANIA~~

ss.

Riverside
~~CITY OF PHILADELPHIA~~

Before me personally appeared said Yun Rose Li and acknowledged the foregoing instrument to be his free act and deed this day 18 of November 2016.

[Signature]
(SEAL)
Notary Public

