

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3922698

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PAUL GADUE	12/02/2015
DEBORAH FRENCH	12/02/2015
XIN CHENG	04/08/2015
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: 3	
Property Type	Number
Application Number:	14138963
Application Number:	61500442
PCT Number:	US2012044096
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>	
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Correspondent Name:	STEPHANIE LASTE
Address Line 1:	34TH & CIVIC CTR BLVD; CTRB; STE 2200-10
Address Line 4:	PHILADELPHIA, PENNSYLVANIA 19104
NAME OF SUBMITTER:	STEPHANIE LASTE
SIGNATURE:	/STEPHANIE LASTE/
DATE SIGNED:	06/17/2016
Total Attachments: 4	
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source=0538CIP Signed Assignment#page3.tif	

ASSIGNMENT OF INVENTION

WHEREAS, WE, Paul Gadue, Deborah French, and Xin Cheng, hereafter referred to as INVENTORS, have made a certain new and useful invention in Self-renewing Endodermal Progenitor Lines Generated from Human Pluripotent Stem Cells and Methods of Use Thereof and have filed an application Serial No. 14/138,963 for Letters Patent of the United States based thereon on June 25, 2012. This application is a continuation in part of PCT/US2012/44096 filed Jun. 25, 2012, which in turn claims priority to U.S. Provisional Application No. 61/500,442 filed Jun. 23, 2011. The entire contents being incorporated herein by reference as though set forth in full.

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 34th Street & 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. 14/138,963 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, Paul Gadue intending to be legally bound, have hereunto affixed my hand and seal this day 2 of Dec 2015.


Paul Gadue

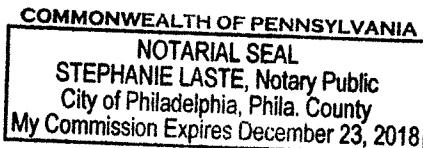
STATE OF Pennsylvania
CITY OF Philadelphia ss.

Before me personally appeared said Paul Gadue and acknowledged the foregoing instrument to be his free act and deed this day 2nd of December 2015.

Stephanie Laste (SEAL)

Notary Public

My Commission Expires: December 23, 2018



IN WITNESS WHEREOF, I, Deborah French intending to be legally bound, have hereunto affixed my hand and seal this day 2 of December 2015.

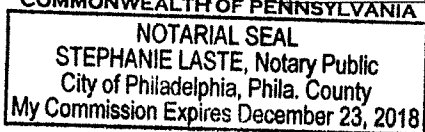
Deborah French
Deborah French

STATE OF Pennsylvania
CITY OF Philadelphia ss.

Before me personally appeared said Deborah French and acknowledged the foregoing instrument to be his free act and deed this day 2nd of December 2015.

Stephanie Laste (SEAL)
Notary Public

My Commission Expires: December 23, 2018



IN WITNESS WHEREOF, I, Xin Cheng, intending to be legally bound, have hereunto affixed my hand and seal this day ____ of _____ 2015.

Xin Cheng

STATE OF _____
CITY OF _____ ss.

Before me personally appeared said _____ and acknowledged the foregoing instrument to be his free act and deed this day ____ of _____ 2015.

(SEAL)
Notary Public
My Commission Expires: _____

IN WITNESS WHEREOF, I, Deborah French intending to be legally bound, have hereunto affixed my hand and seal this day ____ of _____ 2015.

Deborah French

STATE OF

ss.

CITY OF

Before me personally appeared said _____ and acknowledged the foregoing instrument to be his free act and deed this day ____ of _____ 2015.

(SEAL)

Notary Public

My Commission Expires: _____

IN WITNESS WHEREOF, I, Xin Cheng, intending to be legally bound, have hereunto affixed my hand and seal this day 8th of April 2015.

Xin Cheng

STATE OF

ss.

CITY OF

Before me personally appeared said _____ and acknowledged the foregoing instrument to be his free act and deed this day 8th of April 2015.

YING ZHOU



(SEAL)

Notary Public

My Commission Expires: _____