PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Douglas Dong Fang	07/08/2008
Meenhard Herlyn	07/03/2008

RECEIVING PARTY DATA

Name:	The Wistar Institute of Anatomy and Biology
Street Address:	3601 Spruce Street
City:	Philadelphia
State/Country:	PENNSYLVANIA
Postal Code:	19104

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11911400

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	1070-P04678US00	
NAME OF SUBMITTER:	Kathleen D. Rigaut, Ph.D., J.D.	

Total Attachments: 4

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ASSIGNMENT

WHEREAS, we, Douglas Dong Fang, of San Diego, California; and Meenhard Herlyn of Wynnewood, Pennsylvania; hereinafter referred to as the assignors, have invented a certain invention entitled "MULTIPOTENT ADULT STEM CELLS," along with Xiaowei Xu, of Monmouth Junction, New Jersey; and Hong Yu, of Secane, Pennsylvania, for which we have made an application for Letters Patent of the United States, said application having been assigned Application No. 11/911,400; and

WHEREAS, The Wistar Institute of Anatomy and Biology, hereinafter referred to as the assignee, of 3601 Spruce Street, Philadelphia, Pennsylvania 19104, a non-profit corporation of Pennsylvania, is desirous of acquiring our entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, for and in exchange for valuable consideration, the receipt of which is hereby acknowledged, we, the said assignors, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said assignee, the entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said assignee, to file in our names applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

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PATENT APPLICATION Joint Inventors

AND we hereby covenant that we have full right to convey our entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees, or legal representatives, and each of us agrees to communicate to said assignee or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said assignee, as assignee of our entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

AND this Assignment may be executed in multiple counterparts, each of which shall be deemed to be an original of this Assignment. Additionally, we hereby authorize our attorneys to collect the signature pages of each executed counterpart and to attach those signature pages to a single copy of this instrument, which single copy and attached signature pages together shall constitute an original of this Assignment.

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PATENT APPLICATION Joint Inventors

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

Dated: 7.3.	2008	M. Hops	
State of Pennsylvania)	co.	Meenhard Herlyn √	
County of Philadelphia)	SS.		
On this 3 day undersigned, a Notary Public for known to me/proved to me or subscribed the foregoing Assign in his/her authorized capacity, a the entity on behalf of which the	n the basis of soment and acknoord and that by his/he	satisfactory evidence to be table whedged to me that he/she excer signature on the Assignmen	he person who ecuted the same
NOTARIAL SEAL INA A CARROCCHI NOTARY PUBLIC ABELPHIA CITY, PHILADELPHIA COUNTY by Commission Expires Feb 17, 2010		my hand and official seal. A. Ciarucchi of Notary	
Dated:,	2008	Douglas Dong Fang	
State of California) County of San Diego)	SS.		
On this da undersigned, a Notary Public personally known to me/proved who subscribed the foregoing A same in his/her authorized cap person, or the entity on behalf of	for the state, to me on the ba ssignment and a acity, and that	asis of satisfactory evidence tacknowledged to me that he/sl by his/her signature on the	o be the person he executed the Assignment the
	WITNESS	my hand and official seal.	
	-		
	Signature o	of Notary	

PATENT APPLICATION Joint Inventors

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

Dated:	. 2008		
	,	Meenhard Herlyn	
State of Pennsylvania)	•	
County of Philadelphia) ss.)		
On thisundersigned, a Notary Public known to me/proved to me subscribed the foregoing Ass in his/her authorized capacity the entity on behalf of which	of for the state, person on the basis of signment and acknow, and that by his/he	satisfactory evidence t wledged to me that he/ er signature on the Assi	ard Herlyn, personally o be the person who she executed the same ignment the person, or
	WITNESS	my hand and official se	eal.
	Signature of	of Notary	
		7	
Dated: 7 8	, 2008	Douglas Dong Fang	<u>. </u>
State of California) ss.		
County of San Diego)		
On this 8 ⁺⁶ undersigned, a Notary Pub personally known to me/prowho subscribed the foregoing same in his/her authorized person, or the entity on behalf	olic for the state, wed to me on the base of Assignment and a capacity, and that	asis of satisfactory evid acknowledged to me th by his/her signature o	Douglas Dong Fang, dence to be the person at he/she executed the n the Assignment the
MATTHEW LUKE VARELA Commission # 1757134 Notary Public - California San Diego County My Comm. Exples Jul 14, 2011	ŧ	my hand and official so Mathew ENotary TOIY 14,7	