

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Katherine High</td> <td>12/03/2012</td> </tr> <tr> <td>Hojun Li</td> <td>11/06/2012</td> </tr> </tbody> </table>		Name	Execution Date	Katherine High	12/03/2012	Hojun Li	11/06/2012
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Katherine High	12/03/2012						
Hojun Li	11/06/2012						
RECEIVING PARTY DATA							
Name:	The Children's Hospital of Philadelphia						
Street Address:	34th Street & Civic Center Boulevard						
City:	Philadelphia						
State/Country:	PENNSYLVANIA						
Postal Code:	19104						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13272084</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13272084		
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Application Number:	13272084						
CORRESPONDENCE DATA							
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<p>Total Attachments: 3 source=83250083assignchop#page1.tif source=83250083assignchop#page2.tif source=83250083assignchop#page3.tif</p>							

OP \$40.00 13272084

ASSIGNMENT OF INVENTION

WHEREAS, WE, Katherine High (for myself and as agent for the Howard Hughes Medical Institute) and Hojun Li, hereafter referred to as INVENTORS, have made a certain new and useful invention in Methods and Compositions for Treating Hemophilia B and have filed an application Serial No. 13/272,084 and PCT/US11/56020 for Letters Patent of the United States based thereon on October 12, 2011 which claims priority to United States Provisional Patent Application Serial No. 61/392,333 filed October 12, 2010.

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.

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;

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. 13/272,084 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.

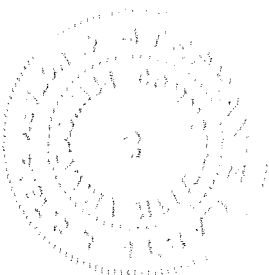
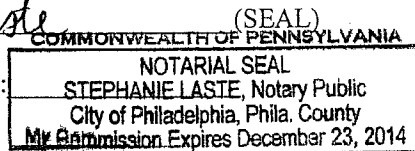
IN WITNESS WHEREOF, I, Katherine High (for myself and as agent for the Howard Hughes Medical Institute), intending to be legally bound, have hereunto affixed my hand and seal this day 3rd of December 2012.

Katherine High
Katherine High
(for myself and as agent for the Howard Hughes Medical Institute)

STATE OF Pennsylvania
CITY OF Philadelphia ss.

Before me personally appeared said Katherine High and acknowledged the foregoing instrument to be his free act and deed this day 3rd of December 2012.

Stephanie Laste
Notary Public
My Commission Expires:



IN WITNESS WHEREOF, I, Hojun Li, intending to be legally bound, have hereunto affixed my hand and seal this day 6 of November 2012.

Hojun Li
Hojun Li

~~STATE OF PENNSYLVANIA~~
~~CITY OF PHILADELPHIA~~
Massachusetts (JLP)
County: Suffolk (JLP) ss.

Before me personally appeared said Hojun Li and acknowledged the foregoing instrument to be his free act and deed this day 6th of November 2012.

Joyce L. Patterson (SEAL)
Notary Public
My Commission Expires: June 11, 2015

