

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
John S. Olson	12/14/2005
RECEIVING PARTY DATA	
Name:	William Marsh Rice University
Street Address:	6100 Main
City:	Houston
State/Country:	TEXAS
Postal Code:	77020
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11685986
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ATTORNEY DOCKET NUMBER:	002376.1093
NAME OF SUBMITTER:	Chris Ledel
Total Attachments: 2 source=002376.1093A#page1.tif source=002376.1093A#page2.tif	

CH \$40.00 11685986

PATENT ASSIGNMENT

WHEREAS, I, one of the undersigned joint inventors, of residence as listed, and one of the inventors of the invention described and filed in US Provisional Application Serial Nos. 60/624,108, 60/624,109, and 60/624,110 filed on September 15, 2004, and in International Application Serial No. PCT/US2005/033028 filed on September 15, 2005, entitled *Enhancing Recombinant Hemoglobin Production by Co-Expression with Alpha Hemoglobin Stabilizing Protein* and claimed therein (hereafter the "Patent Property"); and

WHEREAS, William Marsh Rice University (hereafter "Assignee"), a non-profit corporation duly organized under and pursuant to the laws of the State of Texas having its principal place of business at 6100 Main, Houston, Texas 77020, desires to acquire all right, title and interest in and to the Patent Property.

NOW THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor does hereby sell, assign, transfer and set over to Assignee, all its right, title and interest in and to the Patent Property, as well as all provisionals, continuations, divisions, and continuations-in-part of said Patent Property, and all reissues and extensions thereof, the same to be held and enjoyed by Assignee for its own use and benefit, and for the use and benefit of its successors, assigns, or legal representatives, to the end of the term or terms for which such Patent Property may be granted or reissued, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made.

Assignor also assigns to Assignee, all right, title and interest in and to the inventions disclosed in said Patent Property throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said Patent Property in its own name throughout the world, including all rights to publish cautionary notices reserving ownership of said inventions and all rights to register said Patent Property in appropriate registries; and all rights to sue and recover for damages by reason of past infringement of such Patent Property; and Assignor further agrees to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

Assignor also assigns unto Assignee all claims for damages by reason of infringement prior to the assignment date of the Patent Property throughout the world, with the right to sue for and collect the same for its own use and benefit, and for the use and benefit of its successors, assigns and other legal representatives.

Assignor also will communicate to Assignee any facts known to it respecting any improvements; and, at the expense of Assignee, will testify in any legal proceedings, sign all lawful papers, execute all provisional, divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything

PATENT

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ATTORNEY DOCKET
002376.1042

PATENT APPLICATION
PCT/US2005/033028

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possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said Patent Property in all countries.

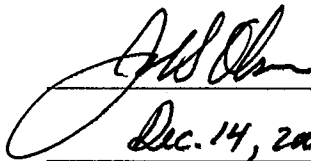
IN WITNESS WHEREOF, the parties have caused this Patent Assignment to be executed on the dates and in the capacities shown below.

Title: Enhancing Recombinant Hemoglobin Production by Co-Expression with Alpha Hemoglobin Stabilizing Protein

Full name of the joint inventor:

John S. Olson

Inventor's signature



Date

Dec. 14, 2005

Last Known Residence (City, Country)

Houston, Texas

Citizenship

United States of America

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