

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Howard Hughes Medical Institute	10/05/2005
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	William Marsh Rice University
<b>Street Address:</b>	P.O. Box 1892
<b>City:</b>	Houston
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	77251-1982
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	11535636
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(512)322-8383
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	5123222601
<b>Email:</b>	apatent@bakerbotts.com
<b>Correspondent Name:</b>	Baker Botts L.L.P.
<b>Address Line 1:</b>	Michelle LeCointe (002376.1069)
<b>Address Line 2:</b>	98 San Jacinto Blvd.Ste.1500
<b>Address Line 4:</b>	Austin, TEXAS 78701-4039
<b>ATTORNEY DOCKET NUMBER:</b>	002376.1069
<b>NAME OF SUBMITTER:</b>	Chris Ledel
<b>Total Attachments: 2</b> source=002376.0974 C#page1.tif source=002376.0974 C#page2.tif	

CH \$40.00 11535636

**PATENT ASSIGNMENT**

WHEREAS, **HOWARD HUGHES MEDICAL INSTITUTE**, a Delaware Corporation ( hereafter "Assignor"), is the owner of all right, title and interest in and to the invention described and claimed therein United States Provisional Application Serial Nos. 60/436,046; 60/436,027; 60/515,776; 60/519,467; and 60/525,175, and International Application No. PCT/US03/040957, and all foreign applications filed therefrom (hereafter the "Patent Property");

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 mailing address of P.O. Box 1892, Houston, Texas 77251-1982, did acquire all right, title and interest in and to the Patent Property effective October 7, 2002.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor does hereby sell, assign, transfer and set over *nunc pro tunc* to Assignee, all its right, title and interest in and to the 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 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, 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 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.

SIGNED at Houston TX on the 31<sup>st</sup> day of October 2005.

*RGR*  
~~ASSIGNEE:~~ MS  
Assignor:

HOWARD HUGHES MEDICAL INSTITUTE

By: Richard Gomer *for himself and as agent for the Howard Hughes Medical Institute*  
Name: RICHARD GOMER  
Title: Professor, Biochemistry and Cell Biology

1446 SIGNED at Houston, TX on the 5<sup>th</sup> day of October 2005.

~~ASSIGNOR:~~

WILLIAM MARCH RICE UNIVERSITY

Assignee: NB

By: Nila Bhakuni  
Name: Nila Bhakuni  
Title: Director, Office of Technology Transfer