

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Yi Zhang	09/05/2008
RECEIVING PARTY DATA	
Name:	The University of North Carolina at Chapel Hill
Street Address:	308 Bynum Hall
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City:	Chapel Hill
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PROPERTY NUMBERS Total: 1	
Property Type	Number
PCT Number:	US0646612
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ATTORNEY DOCKET NUMBER:	5470-449WO
NAME OF SUBMITTER:	Marthenn Salazar
Total Attachments: 2 source=5470-449WO_YZ#page1.tif source=5470-449WO_YZ#page2.tif	

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PATENT
 REEL: 025799 FRAME: 0357

ASSIGNMENT

THIS ASSIGNMENT, made by Yi Zhang, Ph.D., for himself and as agent for the **Howard Hughes Medical Institute**, a Delaware corporation;

WITNESSETH: That,

WHEREAS, I am a joint inventor of certain new and useful improvements in **DIAGNOSTIC AND THERAPEUTIC TARGETS FOR LEUKEMIA** for which a patent application has been filed in the United States Designated Office under the Patent Cooperation Treaty as **PCT application No. PCT/US06/46612**, with an official filing date of **December 6, 2006**; and

WHEREAS, **The University of North Carolina at Chapel Hill**, a constituent institution of The University of North Carolina and an educational institution chartered under the laws of the State of North Carolina having a principal place of business at 308 Bynum Hall, Campus Box 4105, Chapel Hill, North Carolina, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To All Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the above assignor has sold and by these presents does hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues or other forms of protection thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted along with any term extensions thereon or therefor, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by assignor if this assignment and sale had not been made.

The assignor hereby requests that said Letters Patent be issued in accordance with this assignment.

The assignor further covenants and agrees that, at the time of the execution and delivery of these presents, it possesses full title to the invention and patent application thereon as earlier identified, and that it has the unencumbered right and authority to make this assignment.

The assignor further covenants and agrees to promptly communicate to said assignee or its representatives any facts known to the assignor relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives; and the assignor hereby instructs, and further covenants and agrees to bind its legal representatives and assigns, to do same, without further compensation, but at the expense of said assignee or its representatives.

IN WITNESS WHEREOF, the assignor has caused this assignment to be executed this 5th day of September, 2008.

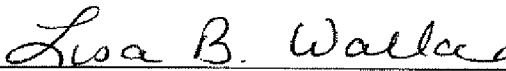
(SEAL)

By: 

**Yi Zhang for himself and as
Agent for Howard Hughes Medical Institute**

STATE OF North Carolina)
) ss:
COUNTY OF Alamance)

Before me personally appeared Yi Zhang, to me known to be the person described in and who executed the foregoing instrument, and s/he acknowledged to me that s/he executed the same for the purposes therein stated, this 5th day of September, 2008.


Notary Public

(SEAL)

My Commission Expires: March 20, 2011