

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>Sendurai Mani</td> <td>06/10/2005</td> </tr> <tr> <td>Jing Yang</td> <td>06/13/2005</td> </tr> <tr> <td>Robert A. Weinberg</td> <td>06/20/2005</td> </tr> </tbody> </table>		Name	Execution Date	Sendurai Mani	06/10/2005	Jing Yang	06/13/2005	Robert A. Weinberg	06/20/2005		
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<table border="1"> <tr> <td>Name:</td> <td>Whitehead Institute for Biomedical Research</td> </tr> <tr> <td>Street Address:</td> <td>Nine Cambridge Center</td> </tr> <tr> <td>City:</td> <td>Cambridge</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>02142-1479</td> </tr> </table>		Name:	Whitehead Institute for Biomedical Research	Street Address:	Nine Cambridge Center	City:	Cambridge	State/Country:	MASSACHUSETTS	Postal Code:	02142-1479
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CORRESPONDENCE DATA											
<p>Fax Number: (617)235-9492</p> <p>Email: andrea.borden@ropesgray.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Ropes & Gray LLP</p> <p>Address Line 1: Prudential Tower, 800 Boylston Street</p> <p>Address Line 2: 43rd FL - IPRM Docketing</p> <p>Address Line 4: Boston, MASSACHUSETTS 02199</p>											
ATTORNEY DOCKET NUMBER:	WIBL-P03-042										
NAME OF SUBMITTER:	Andrea Borden										
<p>Total Attachments: 3</p> <p>source=WIBL-P03-042 Assignment#page1.tif</p> <p>source=WIBL-P03-042 Assignment#page2.tif</p> <p>source=WIBL-P03-042 Assignment#page3.tif</p>											

CH \$40.00 13309067

ASSIGNMENT

WHEREAS, we, Sendurai Mani, Jing Yang and Robert Weinberg, have invented a certain improvement in METHODS OF DIAGNOSING, PREVENTING AND TREATING CANCER METASTASIS described in an application for Letters Patent of the United States, the specification of which:

☐ is being executed on even date herewith; and is about to be filed in the United States Patent Office;

☒ was filed on March 25, 2005 as Application No. 11/090,437;

☐ was patented under U.S. Patent No _____ on _____.

WHEREAS, Whitehead Institute for Biomedical Research (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the state of Delaware, having principal offices at Nine Cambridge Center, Cambridge, Massachusetts 02142-1479 desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with our entire right, title and interest in and to said application and such Letters Patent as may issue thereon, and any reissue, continuation, divisional and foreign counterparts thereof; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent, all choses in action pertaining to the applications or Letters Patent including the right to sue for and collect damages and other recoveries for past infringement thereof, all rights to initiate proceedings before government and administrative bodies, and all files, records and other materials arising from the prosecution, exploitation, or defense of rights and registrations pertaining to the applications or Letters Patent. We hereby acknowledge that this assignment, being of our entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys

and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seal(s) the date set forth below.

Inventor's Signature: _____

Sendurai Mani

State of
County of

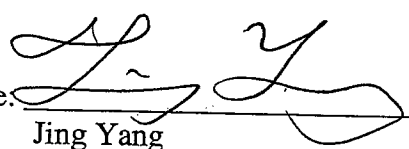
) MASSACHUSETTS
) MIDDLESEX

Then personally appeared before me the above-named Sendurai Mani and acknowledged that he executed the foregoing instrument as his free act and deed this 10th day of JUNE, 2005.

(SEAL)

Notary Public

My commission expires May 30, 2008



Inventor's Signature: 

Jing Yang

State of
County of) MASSACHUSETTS
) MIDDLESEX

Then personally appeared before me the above-named Jing Yang and acknowledged that he executed the foregoing instrument as his free act and deed this 13th day of JUNE, 2005.

(SEAL)

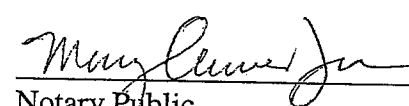

Notary Public
My commission expires 5/30/2008Inventor's Signature: 

Robert A. Weinberg

State of
County of) MASSACHUSETTS
) MIDDLESEX

Then personally appeared before me the above-named Robert A. Weinberg and acknowledged that he executed the foregoing instrument as his free act and deed this 20th day of JUNE, 2005.

(SEAL)


Notary Public
My commission expires MAY 30, 2008