503047402 11/04/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SUNITHA NAGRATH	11/04/2014
HYEUN JOONG YOON	11/04/2014

RECEIVING PARTY DATA

Name:	THE REGENTS OF THE UNIVERSITY OF MICHIGAN	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14347073

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ATTORNEY DOCKET NUMBER:	100295.00121
NAME OF SUBMITTER:	ANA M. SARCHECK
SIGNATURE:	/Ana M. Sarcheck/
DATE SIGNED:	11/04/2014

Total Attachments: 2

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PATENT 503047402 REEL: 034101 FRAME: 0005

ASSIGNMENT

WHEREAS, WE, SUNITHA NAGRATH of 3477 Ashburnam Road, Ann Arbor, MI 48105 and HYEUN JOONG YOON of 2484 Stone Road, Northwood V, Ann Arbor, MI 48105 (collectively referred to hereinafter as Assignors), declare that WE have invented a certain new and useful invention entitled:

SYSTEM FOR DETECTING RARE CELLS

which is set forth in United States Patent Application No. 14/347,073 filed on March 25, 2014;

and WHEREAS, The Regents of the University of Michigan (hereinafter referred to as Assignee), a university having a place of business at 1600 Huron Parkway, 2nd Floor, Ann Arbor, Michigan, 48109-2590, is desirous of acquiring said invention, said patent application, and any U.S. and/or foreign patent applications and/or patents that may be obtained therefore or thereupon;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of the sum of One United States Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, said ASSIGNORS do hereby sell, assign, transfer and set over unto said ASSIGNEE, its successors, assigns, or other legal representatives, the full and entire right, title and interest in and to said invention and said patent application, including the right of said ASSIGNEE, its successors, assigns or other legal representatives to file any and all United States patent applications on said invention, including but not limited to the right to file any United States patent applications claiming priority to said patent application including divisional applications, continuation applications, and continuation-in-part applications claiming, and the right to seek reissues or extensions of any patent in the United States, with the same to be held and enjoyed by said ASSIGNEE as fully and entirely as the same would have been held by said ASSIGNORS had this Assignment and sale not been made;

HEREBY FURTHER ASSIGN unto said ASSIGNEE, its successors, assigns, or other legal representatives, the whole right, title and interest in and to said invention throughout all countries foreign to the United States, including the right to file any foreign patent applications for said invention, including the right to file any foreign patent applications claiming priority to said patent application, and otherwise seek any patent in any foreign country, and including but not limited to the right to file any foreign divisional applications, continuation applications, and continuation-in-part applications claiming priority to said patent application where such procedure is proper, and the right to seek reissues or extensions of any patent in any foreign country, and said ASSIGNORS do hereby ratify any acts of said ASSIGNEE in applying for a patent in said ASSIGNEE'S own name in any foreign country where such procedure is proper and do hereby agree to execute said foreign patent applications in the several countries where it is necessary that the same be executed by the inventor, and to execute assignments of said foreign patent applications and any patent to be obtained therefore to said ASSIGNEE;

HEREBY AGREE that said ASSIGNORS, its successors, assigns or other legal representatives will at any time upon the request and at the expense of said ASSIGNEE, its successors, assigns, or other legal representatives, without undue delay, execute and deliver any

University of Michigan Reference No.: UM5137 H&H Reference No.: 100295.00121

PATENT REEL: 034101 FRAME: 0006 and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention, said application, and any U.S. and/or foreign patent applications and/or patents that may be obtained therefore:

HEREBY AUTHORIZE and request the Commissioner of Patents and Trademarks of the United States and any official of any country foreign to the United States whose duty it is to issue patents, to issue any patent and any reissues and extensions thereof to said ASSIGNEE in accordance with this Assignment;

HEREBY GRANT to said ASSIGNEE the full right to sue for and recover all profits and damages recoverable for past infringement of said invention, said application, and any U.S. and/or foreign patent or patents that may be obtained therefore, for ASSIGNEE'S use and behalf and for the use and behalf of ASSIGNEE'S successors, assigns and other legal representatives; and

HEREBY REPRESENT and warrant that said ASSIGNORS have the full right to convey the entire interest of said invention and said application herein assigned and have not granted any rights inconsistent with the rights granted herein.

A

Dated: _	11/04/2014	By: Sunitha Nagrath
Dated:	11/04/2014	By: Hyeun Joong Yoon

University of Michigan Reference No.: UM5137 H&H Reference No.: 100295.00121

RECORDED: 11/04/2014