502745370 03/31/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ARUN K. RISHI	02/04/2014

RECEIVING PARTY DATA

Name:	WAYNE STATE UNIVERSITY
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14239881

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ATTORNEY DOCKET NUMBER: 16065.002US1 NAME OF SUBMITTER: ROBERT J. HARRIS **SIGNATURE:** /Robert J. Harris, Reg. No., 37,346/

PATENT

REEL: 032557 FRAME: 0807 502745370

DATE SIGNED: 03/31/2014

Total Attachments: 2
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PATENT REEL: 032557 FRAME: 0808

ASSIGNMENT

WHEREAS, I, <u>Arun K. Rishi</u>, made certain new and useful inventions and improvements for which I filed an International Patent Application on <u>August 30, 2012</u>, which application was assigned International Patent Application Number <u>PCT/US2012/053135</u>.

AND WHEREAS, <u>Wayne State University</u>, (hereinafter a "co-Assignee), having an office and place of business at <u>5057 Woodward</u>, <u>Suite 6306</u>, <u>Detroit</u>, <u>MI 48202</u>; and

<u>Department of Veterans Affairs</u>, (hereinafter a "co-Assignee"), having an office and place of business at <u>Office of General Counsel PSG IV (024)</u>, 810 Vermont Avenue NW.

<u>Washington, D.C., 20420.</u>, are desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to any Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, I hereby sell, assign, transfer and set over unto said Assignee, including its successors and assigns, my entire right, title and interest to all inventions disclosed in the aforesaid application(s), including all rights to claim priority therefrom, and to any and all present or future patent applications to such inventions filed in the United States or any other country or region, inclusive of, but not limited to, all divisions, continuations, continuations-in-part, renewals thereof, substitutions, reexaminations, reissues, provisional patent applications, applications filed under the Patent Cooperation Treaty, certificates of addition, utility models, and petty patents, as well as all other intellectual property related to the applications, inclusive of, but not limited to, supplementary protection certificates, and to any and all Letters Patents and any related patent term extensions that may be granted for said Letters Patents with respect to the applications; all of the above to be held by Assignee as fully and entirely as the same would have been held by me had this Assignment not been made.

PATENT REEL: 032557 FRAME: 0809 Docket No: 16065,002WO1 Serial No.: PCT/US2012/053135 Filing Date: August 30, 2012

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AND, for the consideration aforesaid, I do hereby agree that I and my executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to me relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, I covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

IN TESTIMONY WHEREOF, I have	e hereunto set my hand this day of
February , 2014.	Arm Kum Rish
ARUN I	K. RISHI
STATE OF MICHILL	
COUNTY OF WALLE	
. •	, 2014 before me personally appeared ARUN K.
On this 1 day of PEO	2014 before me personally appeared ARUN K.
RISHI to me known and known to me to be th	e person described in and who executed the foregoing
instrument, and he duly acknowledged to me that	t he executed the same for the uses and purposes therein
SELENA D JOPES Notary Public - Michigen Wayne County My Commission Expires Feb 11, 2020 Acting in the County of Land County Acting in the County of Land County Acting In the County of Land County Acting Land Land County	Notary Public

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REEL: 032557 FRAME: 0810