

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5194743

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION	08/01/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	OHIO STATE INNOVATION FOUNDATION
<b>Street Address:</b>	1524 NORTH HIGH STREET
<b>City:</b>	COLUMBUS
<b>State/Country:</b>	OHIO
<b>Postal Code:</b>	43201
<b>PROPERTY NUMBERS Total: 4</b>	
<b>Property Type</b>	<b>Number</b>
<b>Patent Number:</b>	6893640
<b>Patent Number:</b>	6923963
<b>Patent Number:</b>	7063846
<b>Patent Number:</b>	7709622
<b>CORRESPONDENCE DATA</b>	
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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<b>Address Line 1:</b>	999 PEACHTREE STREET, NE
<b>Address Line 2:</b>	SUITE 1300
<b>Address Line 4:</b>	ATLANTA, GEORGIA 30309
<b>ATTORNEY DOCKET NUMBER:</b>	10336-542OPN_049US2_3_5_6
<b>NAME OF SUBMITTER:</b>	KAREN R. MONTGOMERY
<b>SIGNATURE:</b>	/Karen R. Montgomery/
<b>DATE SIGNED:</b>	10/18/2018
<b>Total Attachments: 3</b>	
source=10336-049US2_049US3_049US5_049US6_OSURF_OSIF_Assignment_of_Patents#page1.tif	
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## ASSIGNMENT OF PATENTS

ASSIGNMENT OF PATENTS made as of the 1st day of August, 2013, by and between The Ohio State University Research Foundation ("Assignor") and Ohio State Innovation Foundation, an Ohio nonprofit corporation ("Assignee").

### RECITAL

The Ohio State University ("OSU") and Assignee are parties to that certain Master Agreement dated as of August 1st, 2013 (the "Agreement") pursuant to which OSU has agreed to cause Assignor to transfer to Assignee and Assignee has agreed to receive and accept from Assignor the Transferred Existing IP (as defined in the Agreement), including, without limitation, all such patents and patent applications owned, either partially or wholly, by Assignor world-wide. Pursuant to the Agreement, OSU has agreed to cause Assignor to execute such instruments as Assignee may reasonably request in order to more effectively assign, transfer, grant, convey, assure and confirm to Assignee and its successors and assigns, or to aid and assist in the collection of or reducing to possession by Assignee of, all of such assets.

In accordance therewith, Assignor desires to transfer and assign to Assignee, and Assignee desires to accept the transfer and assignment of, all of Assignor's worldwide right, title and interest in, to and under Assignor's domestic and foreign patents and patent applications, including without limitation, the patents and patent applications listed on *Schedule A* annexed hereto and incorporated herein by reference (all of the foregoing being referred to herein as the "Patents").

NOW, THEREFORE, Assignor, for and in consideration of the mutual covenants contained herein and other good and valuable consideration, the receipt of which is hereby acknowledged, does hereby transfer and assign to Assignee, and Assignee hereby accepts the transfer and assignment of, all of Assignor's worldwide right, title and interest in, to and under the Patents, all rights to sue for infringement of any Patent, whether arising prior to or subsequent to the date of this Assignment of Patents, and any and all renewals and extensions thereof, including all rights of priority arising therefrom and in and to all provisional, non-provisional, divisional, and continuing applications, substitute, renewal, and reissue applications, directed to the same invention in the Patents that have been or will be filed in the United States and other countries of the world, that may hereafter be secured under the laws now or hereafter in effect in the United States and in any other jurisdiction, the same to be held and enjoyed by the said Assignee, its successors and assigns from and after the date hereof as fully and entirely as the same would have been held and enjoyed by the said Assignor had this Assignment of Patents not been made (the "Assignment").

FURTHER, Assignor authorizes and requests the Commissioner of Patents to issue all Letters Patent for the patents and patent applications listed on *Schedule A*, as well as any and all divisionals, continuations, substitutes, and reissues thereof, to said Assignee, its assigns and legal representatives in their own name, in accordance herewith.

A2014-0203

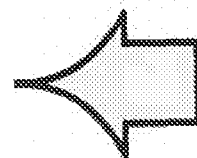
FURTHER, Assignor hereby consents that a copy of this Assignment of Patents shall be deemed a full legal and formal equivalent of any document which may be required in any country as proof of the right of said Assignee to apply for, defend or enforce a Patent or other form of protection for said inventions in the Patents and to claim the aforesaid benefit of the right of priority.

Except to the extent that federal law preempts state law with respect to the matters covered hereby, this Assignment of Patents shall be governed by and construed in accordance with the laws of the State of Ohio without giving effect to the principles of conflicts of laws thereof.

IN WITNESS WHEREOF, Assignor has caused its duly authorized officer to execute this Assignment of Patents, and Assignee acknowledges receipt of the Assignment by signature of its duly authorized officer, as of the date first above written.

THE OHIO STATE UNIVERSITY  
RESEARCH FOUNDATION

By: *Geoffrey S. Chatas*  
P Geoffrey S. Chatas, Sr. Vice President For  
T Business & Finance, and CFO  
The Ohio State University



OHIO STATE INNOVATION FOUNDATION

By: *Brian A. Cummings*  
Name: Brian A. Cummings  
Title: President

**SCHEDULE A**

<b>U.S. PATENT NO.</b>	<b>ISSUE DATE</b>	<b>U.S. APPLICATION NO.</b>	<b>MCC REFERENCE NO.</b>
6,544,517	April 8, 2003	09/314,701	10336-049US1
6,893,640	May 17, 2005	10/314,639	10336-049US2
6,923,963	August 2, 2005	10/059,964	10336-049US3
7,063,846	June 20, 2006	10/901,774	10336-049US5
7,709,622	May 4, 2010	11/452,602	10336-049US6