

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT3017083

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	TAEHYUN SHIM	09/02/2014
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	THE REGENTS OF THE UNIVERSITY OF MICHIGAN OFFICE TECH. TRANSFER, UNIVERSITY OF MICHIGAN	
<b>Street Address:</b>	1600 HURON PARKWAY	
<b>Internal Address:</b>	2ND FLOOR	
<b>City:</b>	ANN ARBOR	
<b>State/Country:</b>	MICHIGAN	
<b>Postal Code:</b>	48105	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	14482604
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>		
<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>Correspondent Name:</b>	PRICE HENEVELD LLP/FORD GLOBAL TECHNOLOG	
<b>Address Line 1:</b>	695 KENMOOR S.E.	
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<b>ATTORNEY DOCKET NUMBER:</b>	83460812	
<b>NAME OF SUBMITTER:</b>	PETER A. CUMMINGS	
<b>SIGNATURE:</b>	/Peter A. Cummings/	
<b>DATE SIGNED:</b>	09/10/2014	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 2</b>		
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United States and  
Foreign (Joint)

Case: 83460812  
UM File No.

### ASSIGNMENT AND AGREEMENT

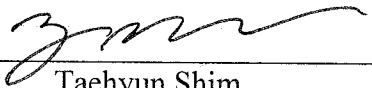
FOR VALUE RECEIVED, and to perfect the ownership of the Regents as established under Regents Bylaw 3.10 of the University of Michigan, I, Taehyun Shim, residing at 3236 Buckhorn Ct., Ann Arbor, MI 48105, hereby sell, assign and transfer to The Regents of the University of Michigan, a not-for-profit organization duly organized and existing under the laws of the State of Michigan as assignee, and its successors, assigns and legal representatives, my entire right, title and interest for the patent application having a Serial Number of \_\_\_\_\_ and a filing date of \_\_\_\_\_ and any application claiming priority thereto; any continuation, continuation-in-part, divisional, re-examination, reissue or prolongation thereof ; and all the rights and privileges under any United States Letters Patent and all foreign Letters Patent that may be granted therefor, including the inventions described therein. I hereby grant permission for the attorney of record to insert the filing information into this agreement.

I request that any and all United States and foreign patents for the inventions be issued to the assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

I agree that, when requested, I will sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for the inventions in any and all countries, and for vesting title thereto in the assignee, its successors, assigns and legal representatives or nominees.

I authorize and empower the assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for the inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

Signed: \_\_\_\_\_  
Taehyun Shim

Date: 9-2-2014