

**PATENT ASSIGNMENT**

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<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Farhad Ansari	01/15/2010
Amirhossein Iranmanesh	01/15/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	The Board of Trustees of the University of Illinois
<b>Street Address:</b>	352 Henry Administration Building
<b>Internal Address:</b>	506 South Wright Street
<b>City:</b>	Urbana
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	61801
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PCT Number:	US1020491
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(815)654-5770
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	8156335300
Email:	rockmail@reinhardt.com
Correspondent Name:	Reinhart Boerner Van Deuren P.C.
Address Line 1:	2215 Perrygreen Way
Address Line 4:	Rockford, ILLINOIS 61107
ATTORNEY DOCKET NUMBER:	507093-PCT
NAME OF SUBMITTER:	Jeremy R. Bridge
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Reinhart Boerner Van Deuren P.C.  
Attorneys at Law  
2215 Perrygreen Way  
Rockford, Illinois 61107

## ASSIGNMENT

**WHEREAS, WE**, Farhad Ansari of 3428 White Eagle Drive, Naperville, Illinois 60564 and Amirhossein Iranmanesh of 823 South Racine Avenue, Chicago, Illinois 60607, have invented and own a certain invention entitled:

### **SENSOR, METHODS OF CALIBRATING A SENSOR, METHODS OF OPERATING A SENSOR**

for which invention I have executed an application (provisional or non-provisional) for a United States patent, which was filed on January 9, 2009, under Application No. 61/143,474, and an international patent application, which was filed on January 8, 2010, under Application No. PCT/US2010/020491 (hereinafter collectively referred to as applications).

**WHEREAS**, The Board of Trustees of the University of Illinois, of 352 Henry Administration Building, 506 South Wright Street, Urbana, Illinois 61801 (hereinafter referred to as Assignee), a corporation of Illinois, is desirous of acquiring the entire domestic and foreign right, title, and interest in and under the invention described in the Applications for Letters Patent.

**NOW, THEREFORE**, for good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, we assign and transfer to the Assignee and the Assignee's legal representatives, successors and assigns the full and exclusive rights in and to the invention in the United States and every foreign country and the entire right, title, and interest in and to the patent Applications and other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, renewals, and extensions) that may be filed in the United States and every foreign country on the invention, and the patents or extensions thereof, both foreign and domestic, that may issue thereon, and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue United States patents to the above-mentioned Assignee agreeably with the terms of this assignment document.

**WE HEREBY AUTHORIZE** the above-mentioned Assignee to insert in this assignment document the filing date and serial number of the Applications if the date and number are unavailable at the time this document is executed.

**UPON SAID CONSIDERATION**, we convey to the Assignee the right to make application in its own behalf for protection of the invention in countries foreign to the United States and to claim under the International Convention and/or other international arrangement for any such application the date of the Applications (or any other application on the invention) to gain priority with respect to other applications.

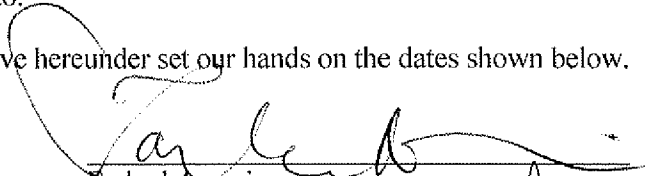
**WE DO HEREBY COVENANT** and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, renewal, or extended patents of the United States or of any and all foreign countries on the

In re Appln. of: Farhad Ansari et al.  
Attorney Docket No.: 507093-PCT

invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

IN WITNESS WHEREOF, we have hereunder set our hands on the dates shown below.

Date 1/15/10

  
Farhad Ansari

Date 1/15/10

  
Amirhossein Iranmanesh