

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TAKEHIKO KITAMORI	02/25/2015
KAZUMA MAWATARI	02/24/2015
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<b>Postal Code:</b>	332-0012
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14432068
<b>CORRESPONDENCE DATA</b>	
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<b>SIGNATURE:</b>	/Brendan T. O'Dea/
<b>DATE SIGNED:</b>	04/13/2015
<b>Total Attachments: 3</b>	
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source=Assignment#page2.tif	
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ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNORS of good and valuable consideration, the receipt of which is hereby acknowledged,

ASSIGNORS:

Full Name of Inventor: Takehiko KITAMORI  
Address: c/o The University of Tokyo, 3-1, Hongo 7-chome, Bunkyo-ku,  
Tokyo 113-8654 Japan

Full Name of Inventor: Kazuma MAWATARI  
Address: c/o The University of Tokyo, 3-1, Hongo 7-chome, Bunkyo-ku,  
Tokyo 113-8654 Japan

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hereby sell, assign, and transfer to ASSIGNEE:

Japan Science and Technology Agency  
1-8, Honcho 4-chome, Kawaguchi-shi, Saitama 332-0012 Japan

an independent administrative institution organized and existing under the laws of Japan, and the successors, assigns, and legal representatives of the ASSIGNEE, the entire right, title, and interest for the United States and its territories and possessions, including all rights to claim priority, in and to the following invention:

Title: FUNCTIONAL DEVICE AND METHOD OF MANUFACTURING THE SAME  
U.S. Appl. No.: to be filed.  
U.S. National Stage Entry Date: to be entered.  
PCT No.: PCT/JP2013/076271  
PCT Filing Date: September 27, 2013

that was invented by ASSIGNORS, and which claims priority to the application listed in the following table:

COUNTRY	APPLICATION NO.	FILING DATE
Japan	2012-216267	September 28, 2012

including any and all improvements disclosed therein, and in and to all Letters Patent to be obtained for said invention by the above application, and any continuation, continuation-in-part,

divisional, renewal, and substitute thereof, and, as to Letters Patent, any reissue, re-examination, and post-issuance review and proceeding thereof.

ASSIGNORS hereby covenant that no assignment, sale, agreement, or encumbrance has been, or will be, made or entered into which would conflict with this Assignment.

ASSIGNORS authorize ASSIGNEE to make applications for, and to receive, Letters Patent for said invention for the United States and its territories and possessions, in ASSIGNEE'S name, or in ASSIGNORS' names, at ASSIGNEE'S election.

ASSIGNORS covenant and agree to execute or procure any further necessary assurance of the title to said invention, and any Letters Patent which may issue therefor, and to, at any time, upon the request and at the expense of ASSIGNEE, deliver any testimony in any interference, derivation, litigation, or proceeding related thereto, and to execute all papers that may be necessary or desirable to perfect the title to said invention, or any Letters Patent which may be granted therefor in ASSIGNEE, its successors, assigns, or other legal representatives, and to, at any time, upon the request and at the expense of ASSIGNEE, execute any continuation, continuation-in-part, divisional, renewal, or substitute thereof, and, as to Letters Patent, any reissue, re-examination, or post-issuance review or proceeding thereof, or any other additional applications for Letters Patent for said invention or any part thereof, for the United States and its territories and possessions, all of which applications and any Letters Patent issuing thereon hereby being assigned to ASSIGNEE, will make all rightful oaths or declarations, and do all lawful acts requisite for procuring the same therein, without further compensation, but at the expense of ASSIGNEE, its successors, assigns, or other legal representatives.

ASSIGNORS authorize and request the Commissioner for Patents to issue any and all Letters Patent of the United States and its territories and possessions for said invention, resulting from the aforesaid application, to Japan Science and Technology Agency, as its ASSIGNEE.

WITNESS our hand and seal on:

Attorney Docket No.

  
\_\_\_\_\_  
Takehiko KITAMORI

Feb. 25, 2015  
Date

  
\_\_\_\_\_  
Kazuma MAWATARI

FEB 24, 2015  
Date