PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TOWA MATSUMURA	09/23/2014

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15022392

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DATE SIGNED:	03/16/2016

Total Attachments: 1

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PATENT REEL: 038002 FRAME: 0165

and assign, and transfer the entire and exclusive right, title, and interest in the following to Koninklijke Philips N.V., having		
a place of business at High Tech Campus 5,5656 AE, Eindhoven, the Netherlands, its successors, assigns, and legal		
representatives, including any nominees (collectively "the Assignee") my/our invention for which an application:		
is executed concurrently herewith		
was executed by me/us on		
was filed on, having a Serial No		
was filed on. 10 Sep 2014, having an International Application No. PCT/IB2014/064360,		
and all rights in and to said application, and all other United States, foreign and international patent applications associated		
therewith, based thereon, or claiming priority therefrom including, but not limited to, any and all provisionals, non-		
provisionals divisions, continuations, continuations-in-part, re-examinations, reissues, and extensions thereof, and the right to		
claim priority thereto, and the entire and exclusive right, title, and interest in and to any and all patents granted on these applications.		
I/We authorize and request that the Patent Office officials in the United States and in any and all foreign countries to issue		
any and all Letters Patent when granted, solely to the Assignee(s), for its sole use, and that of its successors, assigns, and		
legal representatives.		
I/We will provide my/our cooperation to enable the Assignee to enjoy the foregoing right, title, and interest to the fullest		
extent. Upon request at the expense of the Assignee, I/we agree to execute all papers, take all rightful oaths, testify in all		
legal proceedings including patent prosecution actions and infringement actions, and do all other such acts which may be		
necessary, desirable, or convenient for securing and maintaining patents on the foregoing invention or for perfecting title		
thereto in the Assignee.		
I/We certify that I/we have the full right to convey the above rights.		
9/23/2014 (sign name here) The Market		
(sign name here)		

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Towa MATSUMERA

, Assignor

(print name here)

Date