PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YE XU	09/25/2014
YUECHEN QIAN	09/22/2014

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15022694	

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NAME OF SUBMITTER:	YAN GLICKBERG
SIGNATURE:	/Yan Glickberg/
DATE SIGNED:	03/17/2016

Total Attachments: 2

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PATENT 503741569 REEL: 038013 FRAME: 0239

and assign, and transfer	the entire and exclusive		elow-named Assignor(s), hereby sell, ng to Koninklijke Philips N.V., having
		vely "the Assignee") my/our inventi	
is executed concurr	ently herewith		
	e/us on		
		ving a Serial No.	
was filed on. 22 Sep	2014, having an Internat	ional Application No. PCT/IB2014/	064723,
and all rights in and to	said application, and all of	her United States, foreign and intern	ational patent applications associated
		refrom including, but not limited to,	
			and extensions thereof, and the right to
		e right, title, and interest in and to ar	
applications.			
I/We authorize and requ	est that the Patent Office	officials in the United States and in	any and all foreign countries to issue
		the Assignee(s), for its sole use, and	
legal representatives.			to baccasors, assigns, and
		ne Assignee to enjoy the foregoing r	
		nee, I/we agree to execute all papers,	
		tions and infringement actions, and o	
thereto in the Assignee.		nd maintaining patents on the forego	ing invention or for perfecting title
I/We certify that I/we h	ave the full right to conve	y the above rights.	
	V. V.		
nabelanu	(sign name here)	Yo Vu	
Date 4	(sign name here)		
Date	(print name nere)	(Te AU	, Assignor
Date	(print name here)	Yuechen QIAN	, Assignor

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U.S.A. Sole/Joint

For good and valuable consideration, of which I/we acknowledge receipt, I/we as a below-named Assignor(s), hereby sell, 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 ex	xecuted co	oncurrently herewith
	was	executed	by me/us on
	was	filed on.	, having a Serial No
\boxtimes	was	filed on.	22 Sep 2014, having an International Application No. PCT/IB2014/064723,

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.

(sign name here)

Date (print name here) Ye XU , Assignor

Date (print name here) Yuechen QIAN , Assignor

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RECORDED: 03/17/2016