# 503364766 06/24/2015

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:			NEW ASSIGNMENT		
NATURE OF CONVEYANCE:			ASSIGNMENT		
	Υ <b>ΔΑΤΑ</b>	·			
		Na	ame		Execution Date
SAHIL WADHWA					01/07/2014
YONG JIANG					12/23/2013
KEAN HAO RAYMOI	ND LEE				12/20/2013
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State/Country:	NETH	ERLAND	S		
Postal Code: 5656 AE					
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Property Ty			Number	7	
Application Number: 1465					
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SIGNATURE:			/KATHLEEN A. ASHER/		
DATE SIGNED:			06/24/2015		
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# U.S.A. Sole/Joint

# ASSIGNMENT

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:

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, nonprovisionals 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.

$\frac{-1}{2}$ Date	(sign name here) (print name here)	Sahil WADHWA	, Assignor
Date	(print name here)	Yong JIANG	, Assignor
Date	(print name here)	Kean Hao, Raymond LEE	, Assignør

Page 1 of 1

PATENT REEL: 035896 FRAME: 0837

#### U.S.A. Sole/Joint

#### ASSIGNMENT

# Docket No. 2012P01476WOUS

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	is executed concurrently herewith
	was executed by me/us on
	was filed on
$\boxtimes$	was filed on. 18 Dec 2013, having an International Application No. PCT/IB2013/061091,

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, nonprovisionals 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.

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	(sign name here)		
Date	(print name here)	Sahil WADHWA	, Assignor
23 Dec 2013		- Por-	
Date	(print name here)	Yong JIANG	, Assignor
		/	
Date	(print name here)	Kean Hao, Raymond LEE	, Assignor
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Page 1 of 1

## U.S.A. Sole/Joint

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	(sign name here)		
Date	(print name here)	Sahil WADHWA	, Assignor
Date	(print name here)	Yong JIANG	Assignor
28 Be 2013	<b>*</b>	Jan .	
Date	(print name here)	Kean Hao, Raymond LEE	, Assignor

Page 1 of 1

**RECORDED: 06/24/2015**