

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT5947636

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SHOUGANG WANG	02/17/2017
BALASUNDAR IYYAVU RAJU	02/04/2020
SHIWEI ZHOU	02/17/2017
JINGPING XU	02/20/2017
RECEIVING PARTY DATA	
Name:	KONINKLIJKE PHILIPS N.V.
Street Address:	HIGH TECH CAMPUS 52
City:	EINDHOVEN
State/Country:	NETHERLANDS
Postal Code:	5656 AG
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15503812
CORRESPONDENCE DATA	
Fax Number:	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	914-495-9516
Email:	barbara.kinney@Philips.com
Correspondent Name:	PHILIPS INTELLECTUAL PROPERTY & STANDARD
Address Line 1:	465 COLUMBUS AVENUE
Address Line 2:	SUITE 340
Address Line 4:	VALHALLA, NEW YORK 10595
ATTORNEY DOCKET NUMBER:	2014P00563WOUS
NAME OF SUBMITTER:	BARBARA KINNEY
SIGNATURE:	/Barbara Kinney/
DATE SIGNED:	02/05/2020
Total Attachments: 4	
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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 executed concurrently herewith
- was executed by me/us on
- was filed on, having a Serial No.
- was filed on. 12 Aug 2015, having an International Application No. PCT/IB2015/056141,

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.

02/17/2017	(sign name here)		
Date	(print name here)	Shougang WANG	, Assignor
Date	(print name here)	Basasundar Iyyavu RAJU	, Assignor
Date	(print name here)	Shiwei ZHOU	, Assignor
Date	(print name here)	Jingping XU	, Assignor

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.....	(sign name here)
Date	(print name here)	Shuang WANG	, Assignor
Feb 4, 2020	(print name here)		
Date	(print name here)	Balsundar Iyyavu RAJU	, Assignor
.....	(print name here)
Date	(print name here)	Shiwei ZHOU	, Assignor
.....	(print name here)
Date	(print name here)	Jingping XU	, Assignor

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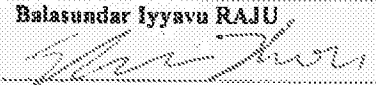
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..... Date	(sign name here) (print name here)	Shougang WANG , Assignor
..... Date	(print name here) Shiwei Zhou	Balasundar Iyyavu RAJU , Assignor
02/17/2017 Date	(print name here) Shiwei ZHOU	 , Assignor
..... Date	(print name here)	Jingping XU , Assignor

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Date	(print name here)	Shougang WANG	, Assignor
_____	(print name here)	_____	_____
Date	(print name here)	Balasundar Iyyavu RAJU	, Assignor
_____	(print name here)	_____	_____
Date	(print name here)	Shiwei ZHOU	, Assignor
Feb 20, 2017	Jingping Xu	Jingping Xu	
Date	(print name here)	Jingping XU	, Assignor