PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YIWEN RONG	10/25/2016
FREDERIC STEPHANE DIANA	04/12/2014
TING ZHU	12/03/2014
GREGORY GUTH	10/07/2016

RECEIVING PARTY DATA

Name:	KONINKLIJKE PHILIPS N.V.		
Street Address: HIGH TECH CAMPUS 5			
City:	EINDHOVEN		
State/Country: NETHERLANDS			
Postal Code:	5656 AE		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15103474

CORRESPONDENCE DATA

Fax Number: (650)396-5550

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.

Phone: 650-965-8005

Email: us-ip@patentlawgroup.com **Correspondent Name:** PATENT LAW GROUP LLP

Address Line 1: P.O. BOX 61839

Address Line 4: SUNNYVALE, CALIFORNIA 94088

ATTORNEY DOCKET NUMBER:	2013P00913US02
NAME OF SUBMITTER:	BRIAN D. OGONOWSKY
SIGNATURE:	/Brian D Ogonowsky/
DATE SIGNED:	10/25/2016

Total Attachments: 4

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PATENT 504066600 REEL: 040124 FRAME: 0194

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PATENT REEL: 040124 FRAME: 0195

		we acknowledge receipt, I/we as a below	-
		right, title, and interest in the following	
a place of business a	t High Tech Campus 5,5656	AE, Eindhoven, the Netherlands, its su	ccessors, assigns, and legal
representatives, inclu	uding any nominees (collecti	vely "the Assignee") my/our invention	for which an application:
is executed concu	urrently herewith		
was executed by	me/us on		
		ving a Serial No	
		ional Application No. PCT/IB2014/06	
and all rights in and	to said application, and all or	her United States, foreign and internation	onal patent applications associated
		refrom including, but not limited to, an	
		ns-in-part, re-examinations, reissues, ar	
		e right, title, and interest in and to any a	
	atent when granted, solely to	officials in the United States and in any the Assignee(s), for its sole use, and th	_
I/We will provide m	y/our cooperation to enable t	he Assignee to enjoy the foregoing righ	t, title, and interest to the fullest
extent. Upon reques	t at the expense of the Assign	nee, I/we agree to execute all papers, tal	ke all rightful oaths, testify in all
legal proceedings in	cluding patent prosecution ac	tions and infringement actions, and do	all other such acts which may be
necessary, desirable,	or convenient for securing a	nd maintaining patents on the foregoing	g invention or for perfecting title
thereto in the Assign	ee.		
I/We certify that I/w	e have the full right to conve	y the above rights.	
0/25/16	(sign name here)	1/2/	
Date	(print name here)	Yiwen RONG	, Assignor
	(p)		, rissignor
Date	(print name here)	Frederic Stephane DIANA	, Assignor
Date	(print name here)	Ting ZHU	, Assignor
Date	(print name here)	Gregory GUTH	, Assignor

Page 1 of 1

ASSIGNMENT

Docket No. 2013P00913WOUS

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 Assignce") my/our invention for which an application:

	is e	recuted concurrently herewith	
	wa	executed by me/us on	
	wa	filed on, having a Serial No	*****
\boxtimes	wa	filed on. 26 Nov 2014, having an International Application No. PCT/IB2014/066349,	

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.

U.S.A. Sole/Joint

	(sigo name here)		
Date 4/12/2014	(print name here)	Yiwen RONG	, Assignor
Date	(print name here)	Frederic Stephane DIANA	, Assignor
Date	(print name here)	Ting ZHU	, Assignor
Date	(print name here)	Gregory GUTH	, Assignor

For good and valuable consideration, of which I/we acknowledge receipt, I/we as a below-named Assignor(s), hereby sell,

and assign, and trans	fer the entire and exclusive r	ight, title, and interest in the following	to Koninklijke Philips N.V., having
a place of business a	t High Tech Campus 5,5656	AE, Eindhoven, the Netherlands, its su	ccessors, assigns, and legal
representatives, inclu	ading any nominees (collecti	vely "the Assignee") my/our invention	for which an application:
is executed concu	urrently herewith		
☐ was executed by	me/us on	************************	
was filed on	, ha	ving a Serial No	
was filed on. 26 l	Nov 2014, having an Internat	ional Application No. PCT/IB2014/06	6349,
and all rights in and	to said application, and all of	her United States, foreign and internation	onal patent applications associated
therewith, based ther	eon, or claiming priority the	refrom including, but not limited to, any	y and all provisionals, non-
provisionals division	s, continuations, continuatio	ns-in-part, re-examinations, reissues, an	d extensions thereof, and the right to
claim priority thereto applications.	e, and the entire and exclusiv	e right, title, and interest in and to any s	and all patents granted on these
	atent when granted, solely to	officials in the United States and in any the Assignee(s), for its sole use, and th	•
extent. Upon reques legal proceedings inc	t at the expense of the Assign cluding patent prosecution ac or convenient for securing a	he Assignee to enjoy the foregoing righ nee, I/we agree to execute all papers, tal tions and infringement actions, and do nd maintaining patents on the foregoing	ke all rightful oaths, testify in all all all other such acts which may be
I/We certify that I/w	e have the full right to conve	y the above rights.	
	(sign name here)		
Date	(print name here)	Viwen RONG	, Assignor
Date	(print name here)	Frederic Stephane DIANA	, Assignor
12/03/14	TING ZHU	77777	
Date	(print name here)	Ting ZIIU	, Assignor
Date	(print name here)	Gregory GUTH	, Assignor

Page 1 of 1

For good and valuable consideration, of which I/we acknowledge receipt, I/we as a below-named Assignor(s), hereby sell,

· · · · · · · · · · · · · · · · · · ·		ght, title, and interest in the following t AE, Eindhoven, the Netherlands, its su	
		ely "the Assignee") my/our invention	
is executed co	oncurrently herewith		
was executed	by me/us on	****	
was filed on.	, ha	ving a Serial No	**********
was filed on.	26 Nov 2014, having an Internat	ional Application No. PCT/IB2014/06	6349,
therewith, based provisionals divi	thereon, or claiming priority ther sions, continuations, continuation	her United States, foreign and internation of the following of the followi	and all provisionals, non- d extensions thereof, and the right to
	rs Patent when granted, solely to	officials in the United States and in any the Assignee(s), for its sole use, and th	· · · · · · · · · · · · · · · · · · ·
extent. Upon reclegal proceedings	pest at the expense of the Assign s including patent prosecution ac ble, or convenient for securing a	ne Assignee to enjoy the foregoing rightee, I/we agree to execute all papers, taltions and infringement actions, and do not maintaining patents on the foregoing	ce all rightful oaths, testify in all all other such acts which may be
I/We certify that	I/we have the full right to conve	y the above rights.	
	(sign name here)		
Date	(print name here)	Yives RONG	, Assignor
Date	(print name here)	Frederic Stephane DIANA	, Assignor
Date It 7, 2014	(print name here)	Ting 2,910	, A58ignor

Page 1 of 1

Gregory GUTH

PATENT REEL: 040124 FRAME: 0199

, Assignor

(print name here)

Date