503040703 10/30/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SANDEEP M. DALAL	01/02/2014
XIN LIU	01/21/2014
CHRISTOPHER STEPHEN HALL	02/04/2014

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:	14397872

CORRESPONDENCE DATA

Fax Number: (914)332-0615

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.

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Email: elissa.deluccy@philips.com

Correspondent Name: PHILIPS INTELLECTUAL PROPERTY & STANDARD

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ATTORNEY DOCKET NUMBER:	2012P00426WOUS
NAME OF SUBMITTER:	FRANK J. KEEGAN
SIGNATURE:	/Frank J. Keegan/
DATE SIGNED:	10/30/2014

Total Attachments: 3

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PATENT 503040703 REEL: 034067 FRAME: 0976

Date

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	by me/us on	nding dig dig dig anglosed aliban annang pininin	
was filed on.	ini inganggan ing katalong ing panggan	ving a Serial No.	rijskovstjenijeni engerijen
was filed on.	09 May 2013, having an Interna	tional Application No. PCT/IB2013	/053751,
therewith, based provisionals divi	thereon, or claiming priority thes sions, continuations, continuation	refrom including, but not limited to,	, and extensions thereof, and the right to
	rs Patent when granted, solely to	officials in the United States and in the Assignee(s), for its sole use, and	any and all foreign countries to issue I that of its successors, assigns, and
I/We will provid	e my/our cooperation to enable (ne Assignee to enjoy the foregoing r	ight, title, and interest to the fullest
	****	iee, I/we agree to execute all papers	
legal proceeding	including patent prosecution ac	tions and infringement actions, and naintaining patents on the forego	do all other such acts which may be
thereto in the As	iignee.		
I/We certify that	I/we have the full right to conve	y the above rights.	
January 2	2014 (sign name here)	hoda	
Date	(print name here)	Sanderp M. DALAL	, Assignor
Date	(print name here)	Xin LIU	, Assignor

Page 1 of 1

(print name here)

Christopher Stephen HALL

, Assignor

For good and valuable of	onsideration, of which I/w	e acknowledge receipt, I/we as a below-	named Assignor(s), hereby sell,
and assign, and transfer	the entire and exclusive ri	ght, title, and interest in the following to	Koninklijke Philips N.V., having
a place of business at H	igh Tech Campus 5,5656.	AE, Eindhoven, the Netherlands, its succ	essors, assigns, and legal
representatives, includir	ng any nominees (collectiv	ely "the Assignee") my/our invention fo	r which an application:
is executed concurre	ntly herewith		
was executed by me	/us-on	x 0000 x 00 x 0000 x 0000 x 0000 x 0000 x 0000 x	
was filed on	, ha	ring a Serial No	or which fields had had a
was filed on. 09 Ma	y 2013, having an Internat	ional Application No. PCT/IB2013/053	751,
and all rights in and to s	aid application, and all ot	ner United States, foreign and internation	al patent applications associated
therewith, based thereon	n, or claiming priority ther	efrom including, but not limited to, any a	and all provisionals, non-
provisionals divisions, o	continuations, continuation	is-in-part, re-examinations, reissues, and	extensions thereof, and the right to
claim priority thereto, a	nd the entire and exclusive	e right, title, and interest in and to any an	d all patents granted on these
applications.			
I/We authorize and requ	est that the Patent Office	officials in the United States and in any a	md all foreign countries to issue
any and all Letters Pate	nt 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/or	or cooperation to enable the	ne Assignee to enjoy the foregoing right,	title, and interest to the fullest
		ee, I/we agree to execute all papers, take	
		tions and infringement actions, and do al	
		nd maintaining patents on the foregoing i	
thereto in the Assignee.			
I/We certify that I/we ha	ave the full right to conve	the above rights.	
`	, -	·	
	(sign name here)		
Date	(print name here)	Sandeep M. DALAL	, Assignor
1/2/2014	Xin Liu		
Date	(print name here)	Xin LIU	Assignor
Date	(print name here)	Christopher Stephen HALL	Assignor

Page 1 of 1

RECORDED: 10/30/2014

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

and assign, and tran	nsfer the entire and exclusive i	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 suc	ccessors, assigns, and legal
representatives, inc	luding any nominees (collecti	vely "the Assignee") my/our invention	for which an application:
is executed cone	currently herewith		
	y me/us on		
		wing a Serial No.	
		tional Application No. PCT/IB2013/05	
and all rights in and	d to said application, and all of	ther United States, foreign and internation	onal patent applications associated
therewith, based the	ereon, or claiming priority the	refrom including, but not limited to, any	y and all provisionals, non-
provisionals division	ons, continuations, continuatio	ns-in-part, re-examinations, reissues, an	nd extensions thereof, and the right to
claim priority there applications.	to, and the entire and exclusiv	re right, title, and interest in and to any a	and all patents granted on these
	Patent when granted, solely to	officials in the United States and in any the Assignee(s), for its sole use, and th	•
extent. Upon reque legal proceedings in	est at the expense of the Assign neluding patent prosecution ac e, or convenient for securing a	he Assignee to enjoy the foregoing rightnee, I/we agree to execute all papers, talk tions and infringement actions, and do and maintaining patents on the foregoing	ke all rightful oaths, testify in all all other such acts which may be
I/We certify that I/v	we have the full right to conve	y the above rights.	
	(sign name here)		
Date	(print name here)	Sandeep M. DALAL	, Assignor
Date	(print name here)	Xin LIU	, Assignor
2014-02-04	Christopher Hall	CM HILL	
Date	(print name here)	Christopher Stephen HALL	, Assignor

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