## 503721486 03/04/2016

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
HEIKE RUPPERTSHOFEN	10/07/2014
CRISTIAN LORENZ	10/07/2014
JENS WIEGERT	12/10/2014
PETER PRINSEN	03/10/2014
ROLAND PROKSA	10/08/2014

#### 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:	14916592

### **CORRESPONDENCE DATA**

**Fax Number:** (914)332-0615

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**Email:** jaclyn.busta@philips.com

Correspondent Name: PHILIPS INTELLECTUAL PROPERTY & STANDARD

Address Line 1: P.O. BOX 3001

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ATTORNEY DOCKET NUMBER:	2013P00247WOUS
NAME OF SUBMITTER:	DOUGLAS B. MCKNIGHT
SIGNATURE:	/Douglas B. McKnight/
DATE SIGNED:	03/04/2016

**Total Attachments: 4** 

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PATENT REEL: 037889 FRAME: 0516

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PATENT REEL: 037889 FRAME: 0517

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. 11 Sep 2014, having an International Application No. PCT/IB2014/064425,

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.

2014-10-07	(sign name here)	M. Condin W60 and W.	
Date	(print name here)	Heike RUPPERTSHOFEN	, Assignor
2014-10-02	(sign name here)	C. C. Lay Fin Com	
Date	(print name here)	Cristian LORENZ	, Assignor
	(sign name here)		
Date	(print name here)	Jens WIEGERT	, Assignor
	(sign name here)		
Date	(print name here)	Peter PRINSEN	, Assignor
	(sign name here)		
Date	(print name here)	Reland PROKSA	, 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,

and assign, and transf	fer the entire and exclusive r	ght, 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 succ	cessors, assigns, and legal
representatives, inclu	ding any nominees (collectiv	rely "the Assignee") my/our invention for	or which an application:
is executed concu	rrently herewith		
was executed by r	ne/us on	101010101010101010101	
was filed on	, ha	ving a Serial No	>101011011011
was filed on. 11 S	ep 2014, having an Internati	onal Application No. PCT/IB2014/0644	125,
and all rights in and t	o said application, and all of	her United States, foreign and internation	nal patent applications associated
therewith, based there	eon, or claiming priority the	efrom including, but not limited to, any	and all provisionals, non-
•		ns-in-part, re-examinations, reissues, and	
• •	, and the entire and exclusiv	e right, title, and interest in and to any ar	id all patents granted on these
applications.			
I/We authorize and re	equest that the Patent Office	officials in the United States and in any	and all foreign countries to issue
any and all Letters Pa	atent when granted, solely to	the Assignee(s), for its sole use, and that	t of its successors, assigns, and
legal representatives.			
extent. Upon request legal proceedings inc	at the expense of the Assign luding patent prosecution ac or convenient for securing a	he Assignee to enjoy the foregoing right, nee, I/we agree to execute all papers, tak tions and infringement actions, and do and maintaining patents on the foregoing	e all rightful oaths, testify in all
I/We certify that I/we	e have the full right to conve	y the above rights.	
	(sign name here)		
Date	(print name here)	Heike RUPPERTSHOFEN	, Assignor
	(sign name here)		
Date	(print name here)	Cristian LORENZ	. Assignor
10 Dec 2014	(sign name here)	mo Way I	
Date	(print name here)	Jýns WIEGERT	, Assignor
	(sign name here)		
Date	(print name here)	Peter PRINSEN	, Assignor
	(sign name here)		
Date	(print name here)	Roland PROKSA	, Assignor

Page 1 of 1

For good and valua	able consideration, of which I/v	ve acknowledge receipt, I/we as a below	-named Assignor(s), hereby se	11,
and assign, and trai	nsfer the entire and exclusive r	ight, title, and interest in the following t	o Koninklijke Philips N.V., hav	zing
a place of business	at High Tech Campus 5,5656	AE, Eindhoven, the Netherlands, its suc	cessors, assigns, and legal	
representatives, inc	cluding any nominees (collectiv	vely "the Assignee") my/our invention f	or which an application:	
is executed con	currently herewith			
was executed b	y me/us on			
was filed on	, ha	ving a Serial No	**************	
was filed on. 11	1 Sep 2014, having an Internati	ional Application No. PCT/IB2014/064	<b>1</b> 25,	
and all rights in an	d to said application, and all ot	her United States, foreign and internatio	nal patent applications associa	ted
therewith, based th	ereon, or claiming priority the	refrom including, but not limited to, any	and all provisionals, non-	
provisionals division	ons, continuations, continuation	ns-in-part, re-examinations, reissues, an	l extensions thereof, and the ri-	ght to
claim priority there applications.	eto, and the entire and exclusiv	e right, title, and interest in and to any a	nd all patents granted on these	
legal representative	es.	the Assignee(s), for its sole use, and the		
-	-	he Assignee to enjoy the foregoing right		
	-	nee, I/we agree to execute all papers, tak		
	* * *	tions and infringement actions, and do a		
-		nd maintaining patents on the foregoing	invention of for betteching the	₽
thereto in the Assig	Ruse.			
I/We certify that I/	we have the full right to conve	y the above rights.		
and additional and a	The same same same as a second	y and and a real engineering		
	(sign name here)			
Date	(print name here)	Heike RUPPERTSHOFEN	, Assignor	
	(sign name here)			
Date	(print name here)	Cristian LORENZ	, Assignor	
	(sign name here)			
Date	(print name here)	Jens WIEGERT,	, Assignor	
3/10/2014	(sign name here)	at		
	(print name here)	Veter PRINSEN	, Assignor	

Page 1 of 1

Roland PROKSA

(sign name here)
(print name here)

Date

, Assignor

For good and valuable	e consideration, of which $U$	we acknowledge receipt, I/we as a below	-named Assignor(s), hereby sell,
and assign, and trans	fer the entire and exclusive r	right, title, and interest in the following to	o Koninklijke Philips N.V., having
a place of business at	High Tech Campus 5,5656	AE, Eindhoven, the Netherlands, its suc	cessors, assigns, and legal
representatives, inclu	ding any nominees (collecti	vely "the Assignee") my/our invention f	or which an application:
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is executed coneu			
	ne/us on		
		ving a Serial No.	
🔀 was filed on. 11 S	ep 2014, having an internat	ional Application No. PCT/IB2014/064	425,
and all rights in and t	o said application, and all ot	her United States, foreign and internatio	nal patent applications associated
therewith, based there	eon, or claiming priority the	refrom including, but not limited to, any	and all provisionals, non-
provisionals divisions	s, continuations, continuatio	ns-in-part, re-examinations, reissues, and	d extensions thereof, and the right to
claim priority thereto	, and the entire and exclusiv	e right, title, and interest in and to any a	nd all patents granted on these
applications.			
V/XXI and anima and a	annest that the Datant Office	afficials in the Westerd Capter and in one	and all forming anymental as to leave
	A	officials in the United States and in any	
legal representatives.	nem when gramed, solely to	the Assignee(s), for its sole use, and tha	it or its successors, assigns, and
regar representatives.			
I/We will provide my	our cooperation to enable t	he Assignee to enjoy the foregoing right	, title, and interest to the fullest
	·	nee, I/we agree to execute all papers, tak	
		tions and infringement actions, and do a	
necessary, desirable,	or convenient for securing a	nd maintaining patents on the foregoing	invention or for perfecting title
thereto in the Assigne	de.		
I/We certify that I/we	have the full right to conve	y the above rights.	
	(sign name here)		
Date	(print name here)	Heike RUPPERTSHOPEN	, Assignor
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	(sign name here)		
Date	(print name here)	Cristian LORENZ	, Assignor
	(sign name here)		
Date	(print name here)	Jens WIEGERT	, Assignor
	(sign name here)		
Date	(print name here)	Petar PRINSEN	, Assignor
8-10-2014	(sign name here)	<u> </u>	
Date	(print name here)	Roland PROKSA	, Assignor

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