## 504558604 09/21/2017

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:NEW ASSIGNMENTNATURE OF CONVEYANCE:ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
RON MARTINUS LAURENTIUS VAN LIESHOUT	05/11/2017
EMIEL PEETERS	05/11/2017

#### **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:	15560301

### **CORRESPONDENCE DATA**

**Fax Number:** (914)495-9540

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:** 914-495-9516

**Email:** patti.demichele@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:	2015P00182WOUS
NAME OF SUBMITTER:	WILLIAM J. MCNAMARA
SIGNATURE:	/William J. McNamara/
DATE SIGNED:	09/21/2017

**Total Attachments: 2** 

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PATENT 504558604 REEL: 043654 FRAME: 0212

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") mylour invention for which an application:
is executed concurrently herewith was executed by mefus on, having a Serial No
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.

11-11-2217	(sign name here)	Same Salah Marine	
Date	(print name here)	Ron Nartinus Laurentius VAN	, Assignor
		LIESHOUT	
Date	(print name here)	Emiel PEETERS	Assignor

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		we acknowledge receipt, I/we as a below-ru ight, title, and interest in the following to K	
· ·		AE, Eindhoven, the Netherlands, its succes	
_	-	vely "the Assignee") my/our invention for	
is executed concu	rrently herewith		
	nefus on		
		ving a Serial No	
		tional Application No. PCT/EP2016/0567	
therewith, based there provisionals divisions	eon, or claiming priority the s, continuations, continuatio	her United States, foreign and international refrom including, but not limited to, any an ns-in-part, re-examinations, reissues, and e e right, title, and interest in and to any and	d all provisionals, non- ktensions thereof, and the right to
	•	officials in the United States and in any anthe Assignce(s), for its sole use, and that o	·-
extent. Upon request legal proceedings inc	at the expense of the Assig luding patent prosecution ac or convenient for securing a	he Assignee to enjoy the foregoing right, tinee, I/we agree to execute all papers, take a stions and infringement actions, and do all out of maintaining patents on the foregoing inv	ll rightful oaths, testify in 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)		ά.
Date	(print name here)	Ron Martinus Laurentius VAN LIESHOUT	, Assignor
Date	(print name here)	Emiel PEETERS	Assignor
2013 MAY 11	at a Committee of the second	Emiel PEETERS	

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