#### 504382726 05/24/2017

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ADRIANUS JOHANNES STEPHANUS MARIA DE VAAN	11/12/2015
LEENDERT TEUNIS ROZENDAAL	11/10/2015
MARCO HAVERLAG	11/10/2015

### **RECEIVING PARTY DATA**

Name:	KONINKLIJKE PHILIPS N.V.
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City:	EINDHOVEN
State/Country:	NETHERLANDS
Postal Code:	5656 AE

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15529345

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ATTORNEY DOCKET NUMBER:	2014P00750WOUS
NAME OF SUBMITTER:	MEENAKSHY CHAKRAVORTY
SIGNATURE:	/Meenakshy Chakravorty/
DATE SIGNED:	05/24/2017

#### **Total Attachments: 3**

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**PATENT REEL: 042494 FRAME: 0458** 504382726

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

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 ha	ve the full right to convey the above rights.		
12-11-115	(sign name here)	And the second second	
Date	(print name here)	Adrianus Johannes Stephanus Maria	, Assignor
		DEVAAN	
Date	(print name here)	Leendert Teunis ROZENDAAL	, Assignor
Date	(print name here)	Marco HAVERLAG	, Assignor

Page 1 of 1

and assign, and tra a place of business	nsfer the entire and exclusive ri at High Tech Campus 5,5656	ve acknowledge receipt, I/we as a below-naming the generation of the following to Kon AE, Eindhoven, the Netherlands, its successorely "the Assignee") my/our invention for white	inklijke Philips N.V., having rs, assigns, and legal
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extent. Upon requ legal proceedings i	est at the expense of the Assign neluding patent prosecution act e, or convenient for securing a	ne Assignee to enjoy the foregoing right, title, nee, I/we agree to execute all papers, take all resions and infringement actions, and do all other of maintaining patents on the foregoing inventions.	ightful oaths, testify in all er such acts which may be
I/We certify that I/	we have the full right to convey	y the above rights:	
	(sign name here)		
Date	(print name here)	Adrianus Johannes Stephanus Maria DE VAAN	, Assignor
2016-10 Date	(print name here)	Leentight (Fonis ROZENDAAL	Assignor
Date	(print name here)	Marco HAVERLAG	

U.S.A. Sole/Joint

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## U.S.A. Sole/Joint

### ASSIGNMENT

Date	(print name here)	STATES HÁVERLAG	. Assignor
Date   6 - 11 - 2015	(print name here)	Leendert Teunis ROZENDAAL	, Assignor
gover-	Shoome toman trees.	DE YAAN	, exonguen
Date	(sign name here)	Adrianus Johannes Stephanus Maria	, Assignor
I/We certify that I/w	e have the full right to conve	y the above rights.	
extent. Upon reques	st at the expense of the Assign cluding patent prosecution ac , or convenient for securing a	he Assignee to enjoy the foregoing right, title nee, I/we agree to execute all papers, take all tions and infringement actions, and do all othe maintaining patents on the foregoing investigations.	rightful oaths, testify in all er such acts which may be
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was filed on	me/us on, ha	ving a Serial Noional Application No. PCT/EP2015/076113,	
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and assign, and trans a place of business a	ifer the entire and exclusive r a High Tech Campus 5,5656	ve acknowledge receipt, I/we as a below-namight, title, and interest in the following to KorAE, Eindhoven, the Notherlands, its successorely "the Assignee") my/our invention for wh	ninklijke Philips N.V., having ers, assigns, and legal

Page 1 of 1

**PATENT** REEL: 042494 FRAME: 0461

, Assignor

(print name here)