504346861 05/02/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAVIER SANCHEZ GONZALEZ	12/16/2016
NILS DENNIS NOTHNAGEL	12/14/2016

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15523701

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NAME OF SUBMITTER:	MARIANNE FOX
SIGNATURE:	/marianne fox/
DATE SIGNED:	05/02/2017

Total Attachments: 2 source=assign1#page1.tif source=assign1#page2.tif

PATENT 504346861 REEL: 042205 FRAME: 0058

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
X	was filed on. 81 Oct 2015, having an International Application No. PCT/EP2015/072756,

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.

16/12/2016 Date	(sign name here)		
Date	(print name here)	Javier SANCHEZ GONZALEZ	, Assignor
Date	(print name here)	Nils Dennis NOTHNAGEL	, Assignor
Date	(print name here)	Borja IBANEZ CABEZA	, Assignor
Date	(print name here)	Rodrigo FERNANDEZ JIMENEZ	, Assignor
Date	(print name here)	Valentin FUSTER CARULLA	, Assignor

Page 1 of 1

ASSIGNMENT

U.S.A. Sole/Joint

and assign, and transfer a place of business at H	the emire and exclusive rig igh Tech Campus 5,5656 A	acknowledge receipt, I/we as a below-name ht, title, and interest in the following to Kon E, Eindhoven, the Netherlands, its successor ly "the Assignee") my/our invention for whi	inklijke Philips N.V., having v, assigns, and legal
is executed concurr	ently herewith		
was executed by me	/us on	***************************************	
was filed on	, havi	ng a Serial No	etnes
was filed on. 01 Oc	t 2015, having an Internation	nal Application No. PCT/EP2015/072756,	
and all rights in and to	said application, and all othe	er United States, foreign and international pa	stent applications associated
therewith based therex	n, or claiming priority there	from including, but not limited to, any and a	ill provisionals, non-
provisionals divisions.	continuations, continuations	-in-part, re-examinations, reissues, and exte	nsions thereof, and the right to
claim priority thereto, a	and the entire and exclusive	right, title, and interest in and to any and all	patents granted on these
I/We authorize and req any and all Letters Pat- legal representatives.	uest that the Patent Office o ent when granted, solely to t	fficials in the United States and in any and a he Assignee(s), for its sole use, and that of it	II foreign countries to issue to successors, assigns, and
extent. Upon request a legal proceedings inch	it the expense of the Assign iding patent prosecution act r convenient for securing an	e Assignee to enjoy the foregoing right, title, ee, I/we agree to execute all papers, take all sions and infringement actions, and do all othed maintaining patents on the foregoing invested	rightful oaths, testify in all er such acts which may be
VWA cartifu that Ywe	have the full right to convey	the above rights.	
a wo corary come a me	·	· ·	
	(sign name here)		
Date	(print name here)	Javier SANCHEZ CONZALEZ	, Assignor
14.12.2016	**	7610eon1	
Date	(print name here)	Nils Dennis NOTHNAGEL	, Assignor
Date	(print name here)	Borja IBANEZ CABEZA	, Assignor
Date	(print name here)	Rodrigo FERNANDEZ HMENEZ	, Assignor

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(print name here)

Valentin FUSTER CARULLA

PATENT REEL: 042205 FRAME: 0060

, Assignor

Date