

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
WALTER DEES	01/08/2015
FRANCISCUS ANTONIUS MARIA VAN DE LAAR	07/07/2016
PAUL ANTHONY SHRUBSOLE	06/30/2016
PIETER JOSEPH MATHIAS CUSTERS	05/04/2015
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:	15110533
CORRESPONDENCE DATA	
Fax Number:	(914)495-9540
<i>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.</i>	
Phone:	914-495-9516
Email:	noemi.chapa@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:	2013P01722WOUS
NAME OF SUBMITTER:	NOEMI CHAPA
SIGNATURE:	/Noemi Chapa/
DATE SIGNED:	07/08/2016
Total Attachments: 4	
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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. **05 Jan 2015**, having an International Application No. **PCT/EP2015/050020**,

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.

<u>8 January 2015</u> Date	(sign name here) (print name here)	 Walter DEES	, Assignor
_____ Date	(print name here)	Franciscus Antonius Maria VAN DE LAAR	, Assignor
_____ Date	(print name here)	Paul Anthony SHRUBSOLE	, Assignor
_____ Date	(print name here)	Pieter Joseph Mathias CUSTERS	, Assignor

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..... Date	(sign name here) (print name here)	Walter DEES , Assignor
7 - July - 2016 Date	(print name here)	Franciscus Antonius Maria VAN DE LAAR , Assignor
..... Date	(print name here)	Paul Anthony SHRUBSOLE , Assignor
..... Date	(print name here)	Pieter Joseph Mathias CUSTERS , Assignor

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Date	(print name here)	Walter DEES	, Assignor
_____	(print name here)	_____	_____
Date	(print name here)	Franciscus Antonius Maria VAN DE	, Assignor
June 30 2016	(print name here)	LAAR	
_____	(print name here)	Paul Anthony SHRUBSOLE	, Assignor
_____	(print name here)	_____	_____
Date	(print name here)	Pieter Joseph Mathias CUSTERS	, Assignor

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Date	(print name here)	Franciscus Antonius Maria VAN DE LAAR	, Assignor
_____	(print name here)	_____	_____
Date	(print name here)	Paul Anthony SHRUBSOLE	, Assignor
05 MAY 2015	(print name here)	_____	_____
Date 04 MAY 2015	(print name here)	Pieter Joseph Mathias CUSTERS	, Assignor