

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4952577

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PAWEL MICHALSKI	11/03/2017
FRANCISCUS JOHANNES GERARDUS HAKKENS	11/16/2017
EDWARD THEODORUS MARIA BERBEN	02/05/2018
KEVIN GRAYSON WICKLINE	11/06/2017
LUCAS JOHANNES ANNA MARIA BECKERS	04/06/2018
PETER DIRKSEN	05/09/2018
RECEIVING PARTY DATA	
Name:	KONINKLIJKE PHILIPS N.V.
Street Address:	HIGH TECH CAMPUS 5
City:	EINDHOVEN
State/Country:	NETHERLANDS
Postal Code:	5656AE
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15774611
CORRESPONDENCE DATA	
Fax Number:	
<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:	MARIANNE.FOX@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:	2015P00133WOUS
NAME OF SUBMITTER:	MARIANNE FOX
SIGNATURE:	/MARIANNE FOX/
DATE SIGNED:	05/09/2018

Total Attachments: 6

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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. 10 Nov 2016, having an International Application No. PCT/EP2016/077244,

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>03.11.2017</u> Date	(sign name here) (print name here)	<u>Pawel Michalski</u> Pawel MICHALSKI	<u>M. Michalski</u> , Assignor
_____	(print name here)	Franciscus Johannes Gerardus HAKKENS	, Assignor
_____	(print name here)	Edward Theodorus Maria BERBEN	, Assignor
_____	(print name here)	Kevin Grayson WICKLINE	, Assignor
_____	(print name here)	Lucas Johannes Anna Maria BECKERS	, Assignor
_____	(print name here)	Peter DIRKSEN	, Assignor

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..... Date	(sign name here) (print name here)	Pawel MICHALSKI , Assignor
16-11-2017 Date	(print name here)	Franciscus Johannes Gerardus HAKKENS , Assignor
..... Date	(print name here)	Edward Theodorus Maria BERDEN , Assignor
..... Date	(print name here)	Kevin Grayson WICKLINE , Assignor
..... Date	(print name here)	Lucas Johannes Anna Maria BECKERS , Assignor
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..... Date	(print name here) (print name here)	Franciscus Johannes Gerardus HAKKENS , Assignor
02-05-2018 Date	(print name here) (print name here)	Edward Theodorus Maria BERBEN , Assignor
..... Date	(print name here)	Kevin Grayson WICKLINE , Assignor
..... Date	(print name here)	Lucas Johannes Anna Maria BECKERS , Assignor
..... Date	(print name here)	Peter DIRKSEN , Assignor

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_____	(sign name here)	_____	_____
Date	(print name here)	Pawel MICHALSKI	, Assignor
_____	(print name here)	_____	_____
Date	(print name here)	Franciscus Johannes Gerardus HAKKENS	, Assignor
_____	(print name here)	_____	_____
Date	(print name here)	Edward Theodorus Maria BERBEN	, Assignor
11-6-2017	(print name here)	<i>Kevin Grayson Wickline</i>	_____
Date	(print name here)	Kevin Grayson WICKLINE	, Assignor
_____	(print name here)	_____	_____
Date	(print name here)	Lucas Johannes Anna Maria BECKERS	, Assignor
_____	(print name here)	_____	_____
Date	(print name here)	Peter DIRKSEN	, Assignor

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..... Date	(print name here)	Lucas Johannes Anna Maria BECKERS , Assignor
..... Date	(print name here)	<i>[Signature]</i> Peter DIRKSEN , Assignor

6-4-2018

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..... Date	(print name here)	Lucas Johannes Anna Maria BECKERS , Assignor
9 - May - 2018 Date	P. Pijpersen (print name here)	Peter DIRKSEN , Assignor

