PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WOLTER F. BENNING	02/26/2018
BRIAN JOHANSKI	04/27/2016
KEVIN ARNOLD MILLER	11/07/2017

RECEIVING PARTY DATA

Name:	KONINKLIJKE PHILIPS N.V.
Street Address:	HIGH TECH CAMPUS 5
City:	EINHOVEN
State/Country:	NETHERLANDS
Postal Code:	5656 AE

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15571878

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.

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Email: baarbara.kinney@Philips.com

Correspondent Name: PHILIPS INTELLECTUAL PROPERTY & STANDARD

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Address Line 2: SUITE 340

Address Line 4: VALHALLA, NEW YORK 10595

ATTORNEY DOCKET NUMBER:	2015P00596WOUS
NAME OF SUBMITTER:	DAWN C. WOLFF
SIGNATURE:	/Dawn C. Wolff/
DATE SIGNED:	03/01/2018

Total Attachments: 3

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PATENT 504799069 REEL: 045072 FRAME: 0092

Date

For good and valuable consideration, of which I/we acknowledge receipt, I/we as a below-named Assignor(s), hereby sell,

a place of business at F	iigh Tech Campus 5,5656	ight, title, and interest in the following AE, Eindhoven, the Netherlands, its s vely "the Assignee") my/our invention	uccessors, assigns, and legal
is executed concurr	ently herewith		
	/us on		
		ving a Serial No	
		ional Application No. PCT/IB2016/0	
and all rights in and to	said application, and all ot	her United States, foreign and interna	tional patent applications associated
therewith, based thereo	n, or claiming priority the	refrom including, but not limited to, a	ny and all provisionals, non-
provisionals divisions,	continuations, continuatio	ns-in-part, re-examinations, reissues, :	and extensions thereof, and the right to
claim priority thereto, a applications.	and the entire and exclusiv	e right, title, and interest in and to any	and all patents granted on these
		officials in the United States and in a the Assignee(s), for its sole use, and	· · · · · · · · · · · · · · · · · · ·
extent. Upon request a legal proceedings inclu	t the expense of the Assig ding patent prosecution ac convenient for securing a	he Assignee to enjoy the foregoing rignee, I/we agree to execute all papers, the clions and infringement actions, and do and maintaining patents on the foregoing	ake all rightful oaths, testify in all o all other such acts which may be
I/We certify that I/we l	ave the full right to conve	y the above rights	
(68-26, 2018) Date	(sign name here)	Wolter F. SENNING	, Assignor
ase saw W	Becomes commenter comments		yguine
Date	(print name here)	Jeffrey GARRIGUES	, Assignor
Date	(print name here)	Brian JOHANSKI	, Assignor

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(print name here)

Kevin Arnold MILLER

PATENT REEL: 045072 FRAME: 0093

, Assignor

For good and valuable consideration, of which I/we acknowledge receipt, I/we as a below-named Assignor(s), hereby sell,

a place of busines	s at High Tech Campus 5,5656	ight, title, and interest in the following AE, Eindhoven, the Netherlands, its su	ccessors, assigns, and legal
representatives, in	icluding any nominees (collecti-	vely "the Assignee") my/our invention	for which an application:
is executed co	ncurrently herewith		
	by me/us on		
		ving a Serial No	
was filed on. 2	7 Apr 2016, having an Internal	ional Application No. PCT/IB2016/05	2367,
and all rights in a	nd to said application, and all of	her United States, foreign and internati	onal patent applications associated
		refrom including, but not limited to, an	•
provisionals divis	ions, continuations, continuatio	ns-in-part, re-examinations, reissues, ar	d extensions thereof, and the righ
claim priority thes applications.	reto, and the entire and exclusiv	e right, title, and interest in and to any :	ind all patents granted on these
	s Palent when granted, solely to	officials in the United States and in any the Assignee(s), for its sole use, and th	~
extent. Upon requiegal proceedings	uest at the expense of the Assign including patent prosecution ac sle, or convenient for securing a	he Assignee to enjoy the foregoing right nee, I/we agree to execute all papers, to tions and infringement actions, and do nd maintaining patents on the foregoin	ke all rightful oaths, testify in all all other such acts which may be
I/We certify that I	/we have the full right to conve	y the above rights.	
04437H	6 (sign name here)		
Date	(print name here)	Wolter F. BENNING	, Assignor
Date	(print name here)	Jeffrey GARRIGUES	, Assignor
01/27//6		Mulla	7
Date	(print name here)	Briso JOHANSKI	, Assignor
Date	(print name here)	Kevin Arnold MILLER	, Assignor

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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. 27 Apr 2016, having an International Application No. PCT/IB2016/052367, 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, nonprovisionals 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 procecution 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. (sign name bere) Date (print name here) Wolter F. BENNING , Assignor Jeffrey GARRIGUES Date (print name here) Assignor

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Briso JOHANSKI

PATENT REEL: 045072 FRAME: 0095

Assignor

Assignor

(print name here)

Date