PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
THOMAS LEE EDMONDSON III	06/03/2018
BRIDGETTE LEONARD	06/05/2018
KARSTEN ANTHONY ALEXANDER RUSSELL-WOOD	05/29/2018

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:	15781171

CORRESPONDENCE DATA

Fax Number: (914)495-9540

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Address Line 4: VALHALLA, NEW YORK 10595

ATTORNEY DOCKET NUMBER:	2015P01695WOUS
NAME OF SUBMITTER:	CHARLES KOSINSKI
SIGNATURE:	/Charles Kosinski/
DATE SIGNED:	10/16/2018

Total Attachments: 5

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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. 06 Dec 2016, having an International Application No. PCT/EP2016/079962

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.

6/3/2018	(sign name here)	Thomas I almondon		
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		, title, and interest in the following to Koninklijke	
•	• • • • • • • • • • • • • • • • • • • •	Eindhoven, the Netherlands, its successors, assig	•
representatives, includ	ing any nominees (collectively	"the Assignee") my/our invention for which an a	pplication:
is executed concurr	ently herewith		
was executed by m	e/us on		
was filed on	, having	a Serial No	
was filed on. 06 De	ec 2016, having an Internationa	l Application No. PCT/EP2016/079962,	
and all rights in and to	said application, and all other	United States, foreign and international patent ap	olications associated
-		om including, but not limited to, any and all provi	
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•		tht, title, and interest in and to any and all patents	
applications.	e e e e e e e e e e e e e e e e e e e	•	•
I/We authorize and req	juest that the Patent Office offi	cials in the United States and in any and all foreig	n countries to issue
any and all Letters Pat	ent when granted, solely to the	Assignee(s), for its sole use, and that of its succe.	ssors, assigns, and
legal representatives.	e e e e e e e e e e e e e e e e e e e		
I/We will provide my/e	our cooperation to enable the A	ssignee to enjoy the foregoing right, title, and int	erest to the fullest
extent. Upon request a	it the expense of the Assignee,	I/we agree to execute all papers, take all rightful	oaths, testify in all
legal proceedings inclu	iding patent prosecution action	s and infringement actions, and do all other such	acts which may be
necessary, desirable, or	r convenient for securing and r	naintaining patents on the foregoing invention or	for perfecting title
thereto in the Assignee) <u>.</u>		
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I/We certify that I/we I	have the full right to convey th	e above rights.	
000000000000000000000000000000000000000	(sign name here)	.s. 000000000-9	01************************************
Date	(print name here)	Thomas Lie Ri EDMONDSON	, Assignor
6/5/2018	Bridgette Leonas	I Budgette Towned	
Date	(print name here)	Bridgette LEONARD	, Assignor
	(print name here)	Karsten Anthony Alexander RUSSELL-	, Assignor
Date	(print name nere)	WOOD	, redigion
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Page 1 of 1

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

•	-	title, and interest in the following to Koninklijke	
_		Eindhoven, the Netherlands, its successors, assignee") my/our invention for which an a	-
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was filed on. 06	Dec 2016, having an International	Application No. PCT/EP2016/079962,	
and all rights in and	to said application, and all other U	Inited States, foreign and international patent ap	plications associated
therewith, based the	reon, or claiming priority therefror	n including, but not limited to, any and all provi	sionals, non-
provisionals division	ns, continuations, continuations-in-	part, re-examinations, reissues, and extensions t	thereof, and the right to
claim priority theret applications.	o, and the entire and exclusive righ	at, title, and interest in and to any and all patents	granted on these
	Patent when granted, solely to the A	ials in the United States and in any and all foreignssignee(s), for its sole use, and that of its succe	•
extent. Upon requestlegal proceedings in	st at the expense of the Assignee, L cluding patent prosecution actions , or convenient for securing and ma	ssignee to enjoy the foregoing right, title, and into we agree to execute all papers, take all rightful and infringement actions, and do all other such aintaining patents on the foregoing invention or	oaths, testify in all acts which may be
I/We certify that I/w	re have the full right to convey the	above rights.	
	(sign name here)		
Date	(print name here)	Thomas Lee Iii EDMONDSON	, Assignor
Date	(print name here)		, Assignor
5/29/2018	Karsten Russell-Wood		
Date	(print name here)	Karsten Anthony Alexander RUSSELL- WOOD	, Assignor

Page 1 of 1