#### 504584802 10/09/2017

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4631514

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		

### **CONVEYING PARTY DATA**

Name	Execution Date
STACY EARL GEHMAN	04/14/2017
JEFFREY MARTIN BOSCHEE	05/24/2017
CHRISTIAN JAMES RICHARD	09/25/2017

## **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:	15529687	

## 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.

Phone: 914-495-9516

Email: barbara.kinney@Philips.com

PHILIPS INTELLECTUAL PROPERTY & STANDARD **Correspondent Name:** 

Address Line 1: **465 COLUMBUS AVENUE** 

Address Line 2: SUITE 340

Address Line 4: VALHALLA, NEW YORK 10595

NAME OF SUBMITTER:	ERIC G. HALSNE	
SIGNATURE:	/Eric G. Halsne/	
DATE SIGNED:	10/09/2017	

# **Total Attachments: 4**

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**PATENT REEL: 043811 FRAME: 0903** 504584802

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 I	High Tech Campus 5,5656	ight, title, and interest in the following to AE, Eindhoven, the Netherlands, its succ vely "the Assignee") my/our invention fo	essors, assigns, and legal
is executed concur	•		
	e'us on		
		ving a Serial No	
	e 2015, having an Internat	ional Application No. PCT/EP2015/079	110,
therewith, based thereconsistents provisionals divisions,	m, or claiming priority the continuations, continuatio	her United States, foreign and internation refrom including, but not limited to, any a ns-in-part, re-examinations, reissues, and e right, title, and interest in and to any an	and all provisionals, non- extensions thereof, and the right t
applications.			
		officials in the United States and in any the Assignee(s), for its sole use, and that	
extent. Upon request a legal proceedings inclu	it the expense of the Assign iding patent prosecution ac r convenient for securing a	he Assignee to enjoy the foregoing right, nee, I/we agree to execute all papers, take tions and infringement actions, and do al nd maintaining patents on the foregoing	all rightful oaths, testify in all lother such acts which may be
I/We certify that I/we l	have the full right to conve	y the above rights.	
4 APRIL 2019	(sign name here)	25802L	and the second second
Date	(print name here)	Stacy Earl GEHMAN	, Assignor
Date	(print name here)	Jeffrey Martin BOSCHEE	, Assignor
Date	(print name here)	Christian James RICHARD	, Assignor

Page 1 of 1

to

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 rig	ht, title, and interest in the following to	Koninklijke Philips N.V., having
a place of business at Hi	gh Tech Campus 5,5656 A	E, Eindhoven, the Netherlands, its succ	essors, assigns, and legal
representatives, including	g any nominees (collective	ly "the Assignee") my/our invention fo	r which an application:
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is executed concurre	**		
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was filed on. 89 Dec	2015, having an Internation	nal Application No. PCT/EP2015/079.	110,
and all rights in and to s	aid application, and all othe	er United States, foreign and internation	nal putent applications associated
therewith, based thereon	i, or claiming priority there	from including, but not limited to, any :	and all provisionals, non-
provisionals divisions, c	ontinuations, continuations	-in-part, re-examinations, reissues, and	extensions thereof, and the right to
claim priority thereto, as	nd the entire and exclusive	right, title, and interest in and to any an	d all patents granted on these
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legal representatives.	n when granica, solely to o	ne resignects), for the solic use, and man	or na successora, assigna, and
icgai icinescinanves.			
L/We will provide my/or	ar cooperation to enable the	Assignce to enjoy the foregoing right,	title, and interest to the fullest
extent. Upon request at	the expense of the Assigne	e, I/we agree to execute all papers, take	all rightful oaths, testify in all
legal proceedings includ	ling patent prosecution acti-	ons and infringement actions, and do al	l other such acts which may be
necessary, desirable, or	convenient for securing and	d maintaining patents on the foregoing i	invention or for perfecting title
thereto in the Assignee.			
I/We certify that I/we ha	ave the full right to convey	the above rights.	
	(sign name here)		
Date	(print name herg)	Stocy Earl GEHMAN	, Assignor
5/24/2017	Jedl Boshac		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Date L.	(print name here)	Josephianin BOSCHEE	, Assignor
			. 6
Date	(print name here)	Christian James RICHARD	, Assignor

Page 1 of 1

to

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. 09 Dec 2015, having an Inte	rnational Application No. PCT/EP2015/079110,

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.

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PATENT REEL: 043811 FRAME: 0906

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09/25/2017	gn	CHRISTIAN RICHARN)	gn	Che Rul	n	(print name
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Page 1 of 1

PATENT REEL: 043811 FRAME: 0907

**RECORDED: 10/09/2017**