# PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5357642

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
DIETWIG JOS CLEMENT LOWET	11/13/2018
ROGER VINCENT FRANCIS HOLMES	11/08/2018

### **RECEIVING PARTY DATA**

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

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16323009

## **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:** katelyn.mulroy@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:	RNEY DOCKET NUMBER: 2016P00521WOUS	
NAME OF SUBMITTER:	ME OF SUBMITTER: TIMOTHY A. NATHAN	
SIGNATURE: /Timothy A. Nathan/		
DATE SIGNED:	02/04/2019	

**Total Attachments: 2** 

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PATENT 505310862 REEL: 048227 FRAME: 0274

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

by sell, and assign, and transfer the entire and exclusive right, title, and interest in the following to Koninklijke Philips N.V., ng a place of business at High Tech Campus 5, 5656 AE, Eindhoven, the Netherlands, its successors, assigns, and legal esentatives, including any nominees (collectively "the Assignee") my/our invention for which an application:		
is executed concurrently herewith		
was filed on ***, having a United States Application No. ***		
was filed on 2017-Aug-10, having an International Application No. PCT/EP2017/070320,		
and all rights in and to said application, and all other United States, foreign and international patent applications associate therewith, based thereon, or claiming priority therefrom including, but not limited to, any and all provisionals, non-provisio divisions, continuations, continuations-in-part, re-examinations, reissues, and extensions thereof, and the right to claim pathereto, 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.		
As a below-named Inventor, I hereby declare that the above-identified application was made or authorized to be made by me, and that I am the original Inventor or an original joint Inventor of a claimed invention in the application.		
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.		
Date: 13 /NO V 12013 Signature: Dietwig Jos Clement LOWET , Assignor/Inventor		
Date:, Assignor/inventor		

Roger HOLMES

PATENT REEL: 048227 FRAME: 0275

For good and valuable consideration, of which I/we acknowledge receipt, I/we as a below-named Assignor(s) or Inventor, 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 filed on ***, having a United States Application No. ***
was filed on 2017-Aug-10, having an International Application No. PCT/EP2017/070320,
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 toreign 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.
As a below-named Inventor, I hereby declare that the above-identified application was made or authorized to be made by me, and that I am the original Inventor or an original joint Inventor of a claimed invention in the application.
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.
Date:

PATENT REEL: 048227 FRAME: 0276

**RECORDED: 02/04/2019**