## 504970992 06/21/2018

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5017738

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY	DATA				
		Name	Execution Date		
_AUREN PATRICIA C	HODKOW	SKI	06/18/2018		
RECEIVING PARTY D	ΑΤΑ				
Name:	ne: KONINKLIJKE PHILIPS N.V.				
Street Address:	HIGH T	HIGH TECH CAMPUS 5			
City:	EINDH	EINDHOVEN			
State/Country:	NETHE	NETHERLANDS			
Postal Code:	5656 A	5656 AE			
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		Number 16064687			
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## ASSIGNMENT

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 Assignce") my/our invention for which an application:

is executed concurrently herewith			
was executed by me/us on		****	
was filed on	, having a Seria	11 No	
🔀 was filed on. 12 Dec 2016, having a	n International Applic	cation No. PCT/IB	2016/057521,

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 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.

 b/18/18
 (sign name here)

 Date
 (print name here)

Patric Charlos

Lauren Patricia CHODKOWSKI

Assignor

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PATENT REEL: 046407 FRAME: 0422

**RECORDED: 06/21/2018**