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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PETER MARIA MIELEKAMP	01/03/2019
WILLIAM EDWARD PETER VAN DER STERREN	10/18/2018

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:	16335428

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: patti.demichele@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:	2016P00828WOUS	
NAME OF SUBMITTER:	WILLIAM J. MCNAMARA	
SIGNATURE:	/William J. McNamara/	
DATE SIGNED:	03/21/2019	

Total Attachments: 2

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PATENT REEL: 048663 FRAME: 0076 505387325

hereby sell, and assign, and train having a place of business at Hi	nsfer the entir igh Tech Cam	h I/we acknowledge receipt, I/we as a below-named Are and exclusive right, title, and interest in the followin hpus 5, 5656 AE, Eindhoven, the Netherlands, its such lectively "the Assignee") my/our invention for which ar	g to Koninklijke Philips N.V., cessors, assigns, and legal
is executed concurrently her	rewith		
was filed on ***, having a Ur		pplication No. ***	
il <u>a</u> , a la la la Raisa de Raisa de la	- 4 % and and a	rnational Application No. PCT/EP2017/073973,	
therewith, based thereon, or cla divisions, continuations, continu	iming priority ations-in-part	ill other United States, foreign and international paten therefrom including, but not limited to, any and all pro , re-examinations, reissues, and extensions thereof, a e, and interest in and to any and all patents granted o	visionals, non-provisionals and the right to claim priority
		ffice officials in the United States and in any and all for the Assignee(s), for its sole use, and that of its succe	
Upon request at the expense of proceedings including patent pro	the Assignee osecution action	e the Assignee to enjoy the foregoing right, title, and i , I/we agree to execute all papers, take all rightful oat ons and infringement actions, and do all other such a ing and maintaining patents on the foregoing invention	hs, testify in all legal cts which may be
I/We certify that I/we have the fu	ıll right to con	vey the above rights.	
		that the above-identified application was made or aut all joint Inventor of a claimed invention in the applicati	
I hereby acknowledge that any vimprisonment of not more than fi		atement made in this declaration is punishable under or both.	18 U.S.C. 1001 by fine or
Date: <u>() 3 - () 1 - 2 () 1</u> (Signature:	Adduldup, Peter Maria MIELEKAMP	Assignor/Inventor
Date:	Signature:	William Edward Peter VAN DER STERREN	Assignor/Inventor
		AT TOTAL TO THE AT IN A LOCAL ASSESSMENT OF THE TOTAL POST OF THE ASSESSMENT OF THE	

PATENT REEL: 048663 FRAME: 0077

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-Sep-22, having an international Application No. PCT/EP2017/073973,
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.
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: Signature:, Assignor/inventor
Date: Q f 2 2 2 / Signature: William & drystop debut AN JUNE STERREY Assignor/Inventor

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