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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
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SHAUN VAN OORDE-GRAINGER	08/30/2018
NEVENKA DIMITROVA	08/30/2018

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29661614

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ATTORNEY DOCKET NUMBER:	2018D00076US
NAME OF SUBMITTER:	DEBORAH HENN
SIGNATURE:	/Deborah Henn/
DATE SIGNED:	10/16/2019

Total Attachments: 2

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> **PATENT** REEL: 050731 FRAME: 0017 505724781

U.S.A. Sole/Joint

ASSIGNMENT & DECLARATION Docket No. 2018D00076US

hereby sell, and assign, and tr having a place of business at	ansfer the entire High Tech Campu	I/we acknowledge receipt, I/we as a below-named Assignand exclusive right, title, and interest in the following to hous 5, 5656 AE, Eindhoven, the Netherlands, its successortively "the Assignee") my/our invention for which an app	Koninklijke Philips N.V., ors, assigns, and legal
is executed concurrently h was filed on August 29, 20 was filed on ***, having an	118, having a Unit	red States Application No. 29/661,614 olication No. ***,	
therewith, based thereon, or c divisions, continuations, continuations, continuations	laiming priority the nuations-in-part, re	other United States, foreign and international patent app erefrom including, but not limited to, any and all provision e-examinations, reissues, and extensions thereof, and the and interest in and to any and all patents granted on the	nals, non-provisionals ne right to claim priority
		ce officials in the United States and in any and all foreign ne Assignee(s), for its sole use, and that of its successor	
Upon request at the expense oproceedings including patent p	of the Assignee, In prosecution action	the Assignee to enjoy the foregoing right, title, and intered/we agree to execute all papers, take all rightful oaths, tens and infringement actions, and do all other such acts we gand maintaining patents on the foregoing invention or f	estify in all legal rhich may be
I/We certify that I/we have the	full right to conve	ey the above rights.	
		nat the above-identified application was made or authoriz joint Inventor of a claimed invention in the application.	ed to be made by me,
I hereby acknowledge that any imprisonment of not more than		ement made in this declaration is punishable under 18 U. r both.	S.C. 1001 by fine or
Date:	Signature:	SHAUN VAN OORDE-GRAINGER	, Assignor/Inventor
Date: 9/17/2018		2 1 1 1	, Assignor/Inventor
Data:	Signatura:		Assignar/Inventor

NEVENKA DIMITROVA

PATENT **REEL: 050731 FRAME: 0018** U.S.A. Sole/Joint

ASSIGNMENT & DECLARATION

Docket No. 2018D00076US

For good and valuable consideration hereby sell, and assign, and transle traving a place of business at High 1 representatives, including any nominatives.	r the entire . Fech Campu	and exclusive right, tille, is 5, 5656 AE, Eindhovel	and interest in the fo n, the Netherlands ji	illowing to Konii ts successors, a	nklijke Philips N.V., assigns, and legal
is executed concurrently herewil was filed on August 29, 2018, hi was filed on ***, having an Interr	aving a Unit		. 29/661,614		¥.
and all rights in and to said applicate therewith, based thereon, or claimin divisions, continuations, continuation thereto, and the entire and exclusive	g priority the ns-in-part, re	erefrom including, but no examinations, reissues	t limited to, any and , and extensions the	all provisionals, reof, and the ric	non-provisionals tht to claim priority
I/We authorize and request that the and all Letters Palent when granted representatives.					
I/We will provide my/our cooperation Upon request at the expense of the proceedings including patent prosect necessary, desirable, or convenient thereto in the Assignee.	Assignee, la oution action	we agree to execute all is and infinitement action	oapers, take all right ns, and do all others	ful oaths, lestify such acts which	in all legal may be
IWe certify that I/we have the full rig	ght to conve	y the above rights.			
As a below-named inventor, I hereb and that I am the original inventor or					o be made by me,
I hereby acknowledge that any williu imprisonment of not more than five (al faise state (5) years, or	ment made in this declar	ration is punishable i	under 18 U.S.C	. 1001 by fine or
Date: <u>37/8/2018</u> \ Sig	gnature:	SHADA WAN OORDE	-GRAINGER		Assignor/Inventor
Date: Siç	gnalure:	PATRYCJA MISSIJR	•		Assignor/Inventor
Date:Sig	gnature:	Nevenka Dimitrova	Digitally signed by Nevenka Dimitrova Date: 2018.08.30 11:48:17 -0		Assignor/Inventor

PATENT REEL: 050731 FRAME: 0019

RECORDED: 10/16/2019