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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
THOMAS KOEHLER	06/25/2019
KEVIN MARTIN BROWN	07/29/2019
ROLAND PROKSA	11/05/2020

RECEIVING PARTY DATA

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Street Address:	HIGH TECH CAMPUS 52
City:	EINDHOVEN
State/Country:	NETHERLANDS
Postal Code:	5656 AG

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17252445

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ATTORNEY DOCKET NUMBER:	2018P00272WOUS
NAME OF SUBMITTER:	NOEMI CHAPA
SIGNATURE:	/Noemi Chapa/
DATE SIGNED:	12/15/2020

Total Attachments: 3

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PATENT REEL: 054650 FRAME: 0383 506403737

Date: _____

Signature:

Roland PROKSA

hereby sell, and assign, a having a place of business	nd transfer the enti s at High Tech Can	re and exclusive right, title, and inter	a below-named Assignor(s) or Inventor, est in the following to Koninklijke Philips N.V., therlands, its successors, assigns, and legal ntion for which an application:
is executed concurren	tly herewith		
was filed on ***, having	g a United States A	opplication No. ***	
was filed on 2019-Jun	-24, having an Inte	mational Application No. PCT/EP20	19/066570,
therewith, based thereon, divisions, continuations, co	or claiming priority ontinuations-in-part	therefrom including, but not limited to the re-examinations, reissues, and extending	ternational patent applications associated o, any and all provisionals, non-provisionals ensions thereof, and the right to claim priority patents granted on these applications.
I/We authorize and reques and all Letters Patent whe representatives.	t that the Patent O n granted, solely to	ffice officials in the United States and the Assignee(s), for its sole use, an	I in any and all foreign countries to issue any d that of its successors, assigns, and legal
Upon request at the expen proceedings including pate	se of the Assignee ent prosecution act	 I/we agree to execute all papers, ta ions and infringement actions, and de 	g right, title, and interest to the fullest extent. ike all rightful oaths, testify in all legal o all other such acts which may be pregoing invention or for perfecting title
I/We certify that I/we have	the full right to con	vey the above rights.	
		that the above-identified application ral joint Inventor of a claimed invention	was made or authorized to be made by me, on in the application.
I hereby acknowledge that imprisonment of not more			unishable under 18 U.S.C. 1001 by fine or
Date: <u>25. 6.19</u>	Signature:	Thomas KOEHLER	, Assignor/Inventor
Date:	Signature:	1 AUSINS RUETILER	, Assignor/Inventor
		Karda Maudio DDAUAI	

PATENT REEL: 054650 FRAME: 0384

Assignor/Inventor

For good and valuable consider hereby sell, and assign, and tra having a place of business at H representatives, including any n	nsfer the entire igh Tech Camp	e and exclusive right, title, and ous 5, 5656 AE, Eindhoven, ti	l interest in the following ne Netherlands, its succ	g to Koninklijke Philips N.V., cessors, assigns, and legal
is executed concurrently he	rewith			
was filed on ***, having a Ur	nited States Ap	plication No. ***		
was filed on 2019-Jun-24, h	aving an Interr	national Application No. PCT/	EP2019/066570,	
and all rights in and to said appi therewith, based thereon, or cla divisions, continuations, continu thereto, and the entire and excl	iming priority thations-in-part,	herefrom including, but not lin re-examinations, reissues, ar	nited to, any and all pro nd extensions thereof, a	visionals, non-provisionals and the right to claim priority
I/We authorize and request that and all Letters Patent when grai representatives.				
I/We will provide my/our cooper Upon request at the expense of proceedings including patent pro necessary, desirable, or conventhereto in the Assignee.	the Assignee, osecution actio	I/we agree to execute all pap ons and infringement actions,	ers, take all rightful oatl and do all other such a	ns, testify in all legal cts which may be
I/We certify that I/we have the fu	ıll right to conv	ey the above rights.		
As a below-named Inventor, I he and that I am the original Invent	•	* *		
I hereby acknowledge that any imprisonment of not more than t			on is punishable under	18 U.S.C. 1001 by fine or
Date:	Signature:		9	Assignor/Inventor
Date: Jul-29-2019	Signature:	Thomas KOEHLER	anger.	Assignor/Inventor
	and the none was and	Kevin Martin BROWN	······································	* markes has town as as to progress

Signature:

Roland PROKSA

PATENT REEL: 054650 FRAME: 0385

Assignor/Inventor

ASSIGNMENT & DECLARATION

Docket No. 2018P00272WOUS

For good and valua	able consideration, of which	I/we acknowledge receipt,	, I/we as a below-named Assignor(:	s) or Inventor,
hereby sell, and as	sign, and transfer the entire	and exclusive right, title, a	and interest in the following to	

Koninklijke Philips N.V.

having a place of business at High Tech Campus 52, 5656 AG, 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 2019-Jun-24, having an International Application No. PCT/EP2019/066570,

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.

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Name Signature
Thomas Koehler

Kevin Brown

Roland PROKSA

Electronically signe by: Roland Proksa Date: Nov 5, 2020

> PATENT REEL: 054650 FRAME: 0386