506615825 04/19/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6662632

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ERIK GOSUINUS PETRUS SCHUIJERS	12/16/2019
RIEKO VERHAGEN	12/09/2019
JONATHAN PALERO	12/09/2019

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:	17286513	

CORRESPONDENCE DATA

Fax Number:

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: 9144959516

Email: jaclyn.busta@philips.com

Correspondent Name: PHILIPS INTELLECTUAL PROPERTY & STANDARD

Address Line 1: 465 COLUMBUS AVENUE
Address Line 4: VALHALLA, NEW YORK 10595

ATTORNEY DOCKET NUMBER:	2018P00989WOUS
NAME OF SUBMITTER:	DOUGLAS B. MCKNIGHT
SIGNATURE:	/Douglas B. McKnight/
DATE SIGNED:	04/19/2021

Total Attachments: 3

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PATENT 506615825 REEL: 055954 FRAME: 0993

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 2019-Dec-06, having an International Application No. PCT/EP2019/083922,

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: 16-Dec - 2019	Signature:	de la	Assignor/Inventor
Date:	Signature:	Erik Gosuinus Petrus SCHUIJERS Rieko VERHAGEN	Assignor/Inventor
Date:	Signature:	Jonathan PALERO	Assignor/Inventor

PATENT REEL: 055954 FRAME: 0994

Date:	Signature: Signature:	Erik Cosuinus Petrus SCHUIJ Ricko VERHÄGEN	ERS	Assignor/inventor Assignor/inventor
I hereby acknowledge that an imprisonment of not more that		tement made in this declaration or both.	is punishable under	⁻ 18 U.S.C. 1001 by fine or
		that the above-identified applica al joint Inventor of a claimed inv		
I/We certify that I/we have the	full right to conv	rey the above rights.		
Upon request at the expense proceedings including patent	of the Assignee, prosecution action	e the Assignee to enjoy the fore I/we agree to execute all paper ons and infringement actions, ar ng and maintaining patents on t	s, take all rightful oand do all other such	aths, testify in all legal acts which may be
		fice officials in the United States the Assignee(s), for its sole use		
therewith, based thereon, or o divisions, continuations, conti	daiming priority t nuations-in-part,	l other United States, foreign ar herefrom including, but not limit re-examinations, reissues, and e, and interest in and to any and	ed to, any and all pre extensions thereof,	ovisionals, non-provisionals and the right to claim priority
was filed on 2019-Dec-06	, having an Inter	national Application No. PCT/E	P2019/083922,	
was filed on ***, having a	United States Ap	oplication No. ***		
is executed concurrently i	erewith			
		pus 5, 5656 AE, Eindhoven, the ectively "the Assignee") my/our		

Jonathan PALERO

Signature:

PATENT REEL: 055954 FRAME: 0995

Assignor/Inventor

Date: _ 09-12-2019	Signature:	Rieko VERHAGEN	, Assignor/Inventor
Date:	Signature:		, Assignor/Inventor
Date:	Signature:	Erik Gosuinus Petrus SCHUIJERS	_, Assignor/Inventor
I hereby acknowledge that a imprisonment of not more th		tement made in this declaration is punishable ur or both.	nder 18 U.S.C. 1001 by fine or
and that I am the original Inv	ventor or an origin.	that the above-identified application was made of all joint Inventor of a claimed invention in the app	plication.
I/We certify that I/we have the	-		
Upon request at the expension proceedings including patent	e of the Assignee, t prosecution action	e the Assignee to enjoy the foregoing right, title, I/we agree to execute all papers, take all rightfuons and infringement actions, and do all other sung and maintaining patents on the foregoing investigation.	ıl oaths, testify in all legal uch acts which may be
•		fice officials in the United States and in any and the Assignee(s), for its sole use, and that of its s	,
therewith, based thereon, or divisions, continuations, con-	claiming priority t tinuations-in-part,	I other United States, foreign and international p herefrom including, but not limited to, any and a re-examinations, reissues, and extensions there e, and interest in and to any and all patents gran	Il provisionals, non-provisionals eof, and the right to claim priority
was filed on ***, having a was filed on 2019-Dec-0		oplication No. *** rnational Application No. PCT/EP2019/083922,	
is executed concurrently			
having a place of business a	at High Tech Cam _l	e and exclusive right, title, and interest in the foll pus 5, 5656 AE, Eindhoven, the Netherlands, its ectively "the Assignee") my/our invention for whice	s successors, assigns, and legal

Jonathan PALERO

Signature:

RECORDED: 04/19/2021

PATENT REEL: 055954 FRAME: 0996

Assignor/Inventor