# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
STIJN WILLEM BOERE	04/15/2019
JAN WILLEM BRUGGERS	04/15/2019
NATHAN FARRELL	04/17/2019
WOLTER F. BENNING	06/03/2020
PAUL LEONARD	08/10/2023

#### **RECEIVING PARTY DATA**

Name:	KONINKLIJKE PHILIPS N.V.
Street Address:	HIGH TECH CAMPUS 52
City:	EINDHOVEN
State/Country:	NETHERLANDS
Postal Code:	5656 AG

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17046817

### **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.

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ATTORNEY DOCKET NUMBER:	2018P00222WOUS
NAME OF SUBMITTER:	LILLIAN K. DRUMHELLER
SIGNATURE:	/Lillian K. Drumheller/
DATE SIGNED:	08/14/2023

**Total Attachments: 7** 

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For good and valuable consideration, of which I/we acknowledge receipt, I/we as a below-named Assignor(s) or Inventor,

having a place of business at h	ligh Tech Cam	re and exclusive right, title, and interest in the following apus 5, 5656 AE, Eindhoven, the Netherlands, its succeptively "the Assignee") my/our invention for which are	cessors, assigns, and legal
is executed concurrently he	erewith		
was filed on ***, having a U		pplication No. ***	
		mational Application No. PCT/EP2019/059489,	
therewith, based thereon, or cla divisions, continuations, contin	aiming priority i uations-in-part,	Ill other United States, foreign and international patent 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
I/We authorize and request tha and all Letters Patent when gra representatives.	t the Patent Of inted, solely to	ffice officials in the United States and in any and all fo the Assignee(s), for its sole use, and that of its succe	reign countries to issue any essors, assigns, and legal
Upon request at the expense o proceedings including patent p	f the Assignee rosecution acti	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 f	ull 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 imprisonment of not more than		atement made in this declaration is punishable under or both.	18 U.S.C. 1001 by fine or
Date: 15 - Apr2019	Signature:	Stijn Willem BOERE	Assignor/Inventor
Date: 15-4-2019	Signature:	Jan Willer BRUGGERS	Assignor/Inventor
Date:	Signature:	Nathan FARRELL.	Assignor/Inventor

hereby sell, and assign, and train having a place of business at Hi	nsfer the entire gh Tech Cam	h I/we acknowledge receipt, I/we as a below- e and exclusive right, title, and interest in the ipus 5, 5656 AE, Eindhoven, the Netherlands ectively "the Assignee") my/our invention for	following to Koninklijke Philips N.V., , its successors, assigns, and legal
is executed concurrently her	ewith		
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I/We authorize and request that and all Letters Patent when grar representatives.	the Patent Of ited, solely to	ffice officials in the United States and in any a the Assignee(s), for its sole use, and that of	and all foreign countries to issue any its successors, assigns, and legal
Upon request at the expense of proceedings including patent pro	the Assignee, secution action	e the Assignee to enjoy the foregoing right, to , I/we agree to execute all papers, take all rig ons and infringement actions, and do all othe ing and maintaining patents on the foregoing	htful oaths, testify in all legal r such acts which may be
I/We certify that I/we have the fu	Ill right to conv	vey the above rights.	
As a below-named inventor, I he and that I am the original inventor	ereby declare or or an origin	that the above-identified application was made alignment in the	de or authorized to be made by me, application.
I hereby acknowledge that any vimprisonment of not more than f	villful false sta ive (5) years,	atement made in this declaration is punishable or both.	e under 18 U.S.C. 1001 by fine or
Date:	Signature:		, Assignor/Inventor
		Stijn Willem BOERE	en e
Date:	Signature:	Jan Willem BRUGGERS	, Assignor/inventor
		<u></u>	
Date: 4//7/14	Signature: :	Nathan FARRELL	, Assignor/inventor

Date:	***************************************	Signature:		, Assignor/inventor
		•	Wolter F. BENNING	***** Sandy Manager American
Date:		Signature:		, Assignor/inventor
			Ph 9 27 47 57 A 27 45	The state of the s

hereby sell, and assign, having a place of busine	and transfer the entire ess at High Tech Camp	I/we acknowledge receipt, I/we as a below-name and exclusive right, title, and interest in the follows 5, 5656 AE, Eindhoven, the Netherlands, its ectively "the Assignee") my/our invention for which	owing to Koninklijke Philips N.V., successors, assigns, and legal
is executed concurre was filed on ***, hav  was filed on 2019-A	ing a United States Ap	oplication No. *** national Application No. PCT/EP2019/059489,	
and all rights in and to s therewith, based thereo divisions, continuations, thereto, and the entire a	aid application, and all n, or claiming priority tl continuations-in-part, nd exclusive right, title	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 ted on these applications.
=		fice officials in the United States and in any and the Assignee(s), for its sole use, and that of its s	<u> </u>
Upon request at the exp proceedings including p	ense of the Assignee, atent prosecution action convenient for securing	e the Assignee to enjoy the foregoing right, title, I/we agree to execute all papers, take all rightfuents and infringement actions, and do all other sung and maintaining patents on the foregoing investigation.	ıl oaths, testify in all legal ıch acts which may be
I/We certify that I/we ha	ve the full right to conv	vey the above rights.	
	-	that the above-identified application was made of all joint Inventor of a claimed invention in the app	
I hereby acknowledge the imprisonment of not more	•	tement made in this declaration is punishable ur or both.	nder 18 U.S.C. 1001 by fine or
Date:	Signature:	Stijn Willem BOERE	_, Assignor/Inventor
Date:	Signature:	Jan Willem BRUGGERS	$_{\_}$ , Assignor/Inventor
Date:	Signature:		Accianar/Invantar

Nathan FARRELL

Date:June 3, 2020	Signature:	Wolter F. BENNING	<b></b> ,	Assignor/Inventor
Date:	Signature:	Paul LEONARD	,	Assignor/Inventor

hereby sell, and assign, and tran having a place of business at Hi	nsfer the entire gh Tech Cam	n I/we acknowledge receipt, I/we as a below-named A e and exclusive right, title, and interest in the following pus 5, 5656 AE, Eindhoven, the Netherlands, its succ ectively "the Assignee") my/our invention for which an	to Koninklijke Philips N.V., essors, assigns, and legal
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therewith, based thereon, or claid divisions, continuations, continuations, continuations.	iming priority t ations-in-part,	Il other United States, foreign and international patent herefrom including, but not limited to, any and all prov re-examinations, reissues, and extensions thereof, a e, and interest in and to any and all patents granted or	visionals, non-provisionals nd the right to claim priority
		fice 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, secution action	e the Assignee to enjoy the foregoing right, title, and in I/we agree to execute all papers, take all rightful oath ons and infringement actions, and do all other such ac ng and maintaining patents on the foregoing invention	ns, testify in all legal cts which may be
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		that the above-identified application was made or auti al joint Inventor of a claimed invention in the application	
I hereby acknowledge that any wimprisonment of not more than f		Itement made in this declaration is punishable under 1 or both.	18 U.S.C. 1001 by fine or
Date:	Signature:	Stijn Willem BOERE	Assignor/Inventor
Date:	Signature:	Jan Willem BRUGGERS	Assignor/Inventor
Date:	Signature:	Nathan FARRELL ,	Assignor/Inventor

Date:	Signature:		Assignor/Inventor
	Ť	Wolter F. BENNING	,
Date: 8/10/23	Signature:	Paul LEONARD	, Assignor/Inventor