#### 506527204 02/26/2021

# PATENT ASSIGNMENT COVER SHEET

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**SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT** 

#### **CONVEYING PARTY DATA**

Name	Execution Date
JÖRG SABCZYNSKI	05/28/2020
MANFRED MUELLER	08/23/2019
RAFAEL WIEMKER	08/23/2019

### **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:	17271929

### CORRESPONDENCE DATA

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NAME OF SUBMITTER:	KATELYN MULROY
SIGNATURE:	/Katelyn Mulroy/
DATE SIGNED:	02/26/2021

### **Total Attachments: 3**

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**PATENT REEL: 055427 FRAME: 0678** 506527204

# U.S.A. Sole/Joint

# ASSIGNMENT & DECLARATION

Docket No. 2018P00400WOUS

hereby sell, and assign, and transfer the having a place of business at High Tech	which I/we acknowledge receipt, I/we as a below-named Assignor(s) or Inventor, entire and exclusive right, title, and interest in the following to Koninklijke Philips N.V., Campus 5, 5656 AE, Eindhoven, the Netherlands, its successors, assigns, and legal (collectively "the Assignee") my/our invention for which an application:
is executed concurrently herewith	
was filed on ***, having a United State	es Application No. ***
was filed on 2019-Aug-22, having ar	International Application No. PCT/EP2019/072436,
therewith, based thereon, or claiming pridivisions, continuations, continuations in	and all other United States, foreign and international patent applications associated ority therefrom including, but not limited to, any and all provisionals, non-provisionals part, re-examinations, reissues, and extensions thereof, and the right to claim priority it, title, and interest in and to any and all patents granted on these applications.
	nt Office officials in the United States and in any and all foreign countries to issue any ely to the Assignee(s), for its sole use, and that of its successors, assigns, and legal
Upon request at the expense of the Assi proceedings including patent prosecution	mable the Assignee to enjoy the foregoing right, title, and interest to the fullest extent gnee, I/we agree to execute all papers, take all rightful oaths, testify in all legal actions and infringement actions, and do all other such acts which may be ecuring and maintaining patents on the foregoing invention or for perfecting title
I/We certify that I/we have the full right to	convey the above rights.
	clare that the above-identified application was made or authorized to be made by me, original joint inventor of a claimed invention in the application.
I hereby acknowledge that any willful fal- imprisonment of not more than five (5) y	se statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or ears, or both.
Date: <u>28,05,202</u> 0 Signat	ure: <u>J. W. Lu</u>
Date: Signat	ure:, Assignor/inventor

Signature:

Rafael WIEMKER

PATENT REEL: 055427 FRAME: 0679

\_\_\_\_\_, Assignor/inventor

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	High Tech Cam	e and exclusive right, title, and interest in the folk pus 5, 5656 AE, Eindhoven, the Netherlands, its actively "the Assignee") my/our invention for whice	successors, assigns, and legal
is executed concurrently h	erewith		
was filed on ***, having a	United States Ap	oplication No. ***	
was filed on 2019-Aug-22	, having an Inter	mational Application No. PCT/EP2019/072436,	
therewith, based thereon, or o divisions, continuations, contin	laiming priority to nuations-in-part,	I other United States, foreign and international pa herefrom including, but not limited to, any and al re-examinations, reissues, and extensions there a, and interest in and to any and all patents grant	I provisionals, non-provisionals of, and the right to claim priority
		fice officials in the United States and in any and the Assignee(s), for its sole use, and that of its s	
Upon request at the expense proceedings including patent p	of the Assignee, prosecution action	e the Assignee to enjoy the foregoing right, title, a life agree to execute all papers, take all rightfuons and infringement actions, and do all other sung and maintaining patents on the foregoing investigation.	l oaths, testify in all legal ch acts which may be
I/We certify that I/we have the	full right to conv	vey the above rights.	
· · · · · · · · · · · · · · · · · · ·	,	that the above-identified application was made o al joint Inventor of a claimed invention in the app	•
I hereby acknowledge that an imprisonment of not more that	,	tement made in this declaration is punishable un or both.	der 18 U.S.C. 1001 by fine or
Date:	Signature:	7/1/2 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	_, Assignor/Inventor
Date: 13.8.2019	Signature:	Jörg SABCZYNSKI	, Assignor/Inventor
	•	Manfred MUELLER	- · • • • • • • • • • • • • • • • • • •
Date:	Signature:		. Assignor/Inventor

Rafael WIEMKER

PATENT REEL: 055427 FRAME: 0680

RECORDED: 02/26/2021

hereby sell, and assign, and transfer the enti- having a place of business at High Tech Can	h I/we acknowledge receipt, I/we as a below-named, re and exclusive right, title, and interest in the followir npus 5, 5656 AE, Eindhoven, the Netherlands, its suclectively "the Assignee") my/our invention for which a	ig to Koninklijke Philips N.V., cessors, assigns, and legal
is executed concurrently herewith		
was filed on ***, having a United States A	pplication No. ***	
was filed on 2019-Aug-22, having an Inte	rmational Application No. PCT/EP2019/072436,	
therewith, based thereon, or claiming priority divisions, continuations, continuations-in-part	all 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	ovisionals, non-provisionals and the right to claim priority
I/We authorize and request that the Patent O and all Letters Patent when granted, solely to representatives.	ffice officials in the United States and in any and all for the Assignee(s), for its sole use, and that of its succ	oreign countries to issue any essors, assigns, and legal
Upon request at the expense of the Assignee proceedings including patent prosecution acti	e the Assignee to enjoy the foregoing right, title, and , 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 inventio	hs, testify in all legal cts which may be
I/We certify that I/we have the full right to con-	vey the above rights.	
As a below-named inventor, I hereby declare and that I am the original inventor or an origin	that the above-identified application was made or autial joint Inventor of a claimed invention in the applicati	thorized to be made by me, ion.
I hereby acknowledge that any willful false sta imprisonment of not more than five (5) years,	atement made in this declaration is punishable under or both.	18 U.S.C. 1001 by fine or
Date: Signature:	Jörg SABCZYNSKI	Assignor/Inventor
Date: Signature:	***************************************	Assignor/Inventor
Date: ZZZZZZ Signature:	Manfred MUELLER Rafael WIEMKER	Assignor/Inventor

PATENT REEL: 055427 FRAME: 0681