506668006 05/18/2021

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
CHRISTIAN HAASE	12/03/2019
CORNELIS WILLEM JOHANNES IMMANUËL SPOEL	12/11/2019
MARTIJN ANNE VAN LAVIEREN	05/18/2021
MICHAEL GRASS	11/28/2019

#### **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:	17294740	

### **CORRESPONDENCE DATA**

**Fax Number:** (914)495-9540

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**Phone:** 914-495-9516

**Email:** patti.demichele@Philips.com

Correspondent Name: PHILIPS INTELLECTUAL PROPERTY & STANDARD

Address Line 1: 465 COLUMBUS AVENUE

Address Line 2: SUITE 340

Address Line 4: VALHALLA, NEW YORK 10595

ATTORNEY DOCKET NUMBER:	2018P00713WOUS
ATTORNET DOCKET NOWBER.	20101 007 13 000 03
NAME OF SUBMITTER:	PATTI DEMICHELE
SIGNATURE:	/Patti DeMichele/
<b>DATE SIGNED:</b> 05/18/2021	
	This document serves as an Oath/Declaration (37 CFR 1.63).
	•

**Total Attachments: 4** 

PATENT REEL: 056270 FRAME: 0753

EPAS ID: PAT6714821

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PATENT REEL: 056270 FRAME: 0754

hereby sell, and assign, and thaving a place of business at	ransfer the enti High Tech Can	re and exclusive right, title, and interest in the following in the following state of the	wing to Koninklijke Philips N.V., successors, assigns, and legal
is executed concurrently h	nerewith		
was filed on ***, having a	United States A	Application No. ***	
was filed on 2019-Nov-27	', having an Inte	ernational Application No. PCT/EP2019/082804,	
therewith, based thereon, or o divisions, continuations, conti	daiming priority nuations-in-part	all other United States, foreign and international pal therefrom including, but not limited to, any and all t, re-examinations, reissues, and extensions thered te, and interest in and to any and all patents grante	provisionals, non-provisionals of, and the right to claim priority
I/We authorize and request th and all Letters Patent when go representatives.	at the Patent O ranted, solely to	ffice officials in the United States and in any and al the Assignee(s), for its sole use, and that of its su	ll foreign countries to issue any ccessors, assigns, and legal
Upon request at the expense proceedings including patent	of the Assignee prosecution acti	e the Assignee to enjoy the foregoing right, title, ar , I/we agree to execute all papers, take all rightful of ions and infringement actions, and do all other such ing and maintaining patents on the foregoing inven	paths, testify in all legal h acts which may be
I/We certify that I/we have the	full right to con	vey the above rights.	
		that the above-identified application was made or all joint Inventor of a claimed invention in the application.	
I hereby acknowledge that any imprisonment of not more than	y willful false sta n five (5) years,	atement made in this declaration is punishable und or both.	er 18 U.S.C. 1001 by fine or
Date: 3.17, 20:19	Signature:	Hanne,	Assignor/Inventor
Date:	Signature:	Christian HAASE	Assignor/Inventor
Date:	Signature:	Cornelis Willem Johannes Immanuël SPOEL	
	અધુનવાયા જ.	Martijn Anne VAN LAVIEREN	Assignor/Inventor
Date:	Signature:	,	Assignor/Inventor

Michael GRASS

PATENT REEL: 056270 FRAME: 0755

# ASSIGNMENT & DECLARATION Docket No. 2018P00713WOUS

hereby sell, and assign, and transfer the enhaving a place of business at High Tech Ca	ich I/we acknowledge receipt, I/we as a below-nar tire and exclusive right, title, and interest in the fol impus 5, 5656 AE, Eindhoven, the Netherlands, its ollectively "the Assignee") my/our invention for wh	lowing to Koninklijke Philips N.V., s successors, assigns, and legal
is executed concurrently herewith		
was filed on ***, having a United States	Application No. ***	
was filed on 2019-Nov-27, having an In	ternational Application No. PCT/EP2019/082804,	
therewith, based thereon, or claiming priorit divisions, continuations, continuations-in-pa	l all other United States, foreign and international p ty therefrom including, but not limited to, any and a art, re-examinations, reissues, and extensions ther title, and interest in and to any and all patents gran	all provisionals, non-provisionals eof, and the right to claim priority
	Office officials in the United States and in any and to the Assignee(s), for its sole use, and that of its	
Upon request at the expense of the Assignoroceedings including patent prosecution a	ble the Assignee to enjoy the foregoing right, title, ee, I/we agree to execute all papers, take all rightf ctions and infringement actions, and do all other suring and maintaining patents on the foregoing inv	ul oaths, testify in all legal uch acts which may be
I/We certify that I/we have the full right to or	onvey the above rights.	
	re that the above-identified application was made ginal joint Inventor of a claimed invention in the ap	
I hereby acknowledge that any willful false imprisonment of not more than five (5) year	statement made in this declaration is punishable u s, or both.	inder 18 U.S.C. 1001 by fine or
Date: Signature	):	, Assignor/Inventor
Date: 2010 - Arc - (1 Signature	Chyfetian HAASE	A malayyayilacsanbar
Date: <u>2019-drc - II</u> Signature	ornelis Willem Johannes Immanuël SPOEL	, Assignor/Inventor
Date: Signature		, Assignor/Inventor
Date: Signature	Martijn Anne VAN LAVIEREN :	, Assignor/Inventor

Michael GRASS

PATENT **REEL: 056270 FRAME: 0756** 

hereby sell, and assign, and transfer the having a place of business at High Tech	e entire n Camp	I/we acknowledge receipt, I/we as a below-name and exclusive right, title, and interest in the followous 5, 5656 AE, Eindhoven, the Netherlands, its scrively "the Assignee") my/our invention for which	wing succe	to Koninklijke Philips N.V., essors, assigns, and legal
<ul> <li>is executed concurrently herewith</li> <li>was filed on ***, having a United Sta</li> <li>was filed on 2019-Nov-27, having ar</li> </ul>	•	plication No. *** national Application No. PCT/EP2019/082804,		
therewith, based thereon, or claiming pri divisions, continuations, continuations-in	iority th n-part, i	other United States, foreign and international par nerefrom including, but not limited to, any and all re-examinations, reissues, and extensions thered , and interest in and to any and all patents grante	provi of, an	isionals, non-provisionals and the right to claim priority
		ice officials in the United States and in any and a he Assignee(s), for its sole use, and that of its su		
Upon request at the expense of the Assi proceedings including patent prosecution	ignee, on actio	the Assignee to enjoy the foregoing right, title, and I/we agree to execute all papers, take all rightful ones and infringement actions, and do all other such gand maintaining patents on the foregoing inverse.	oath: h act	s, testify in all legal ts which may be
I/We certify that I/we have the full right to	o conv	ey the above rights.		
		hat the above-identified application was made or al joint Inventor of a claimed invention in the appli		
I hereby acknowledge that any willful falsimprisonment of not more than five (5) years		ement made in this declaration is punishable under both.	ler 18	8 U.S.C. 1001 by fine or
Date: Signat	ture:	Christian HAASE	,	Assignor/Inventor
Date: Signat	ture:	Cornelis Willem Johannes Immanuël SPOEL	,	Assignor/Inventor
Date: May 18, 2021 Signat	ture:	/Martijn Anne Van Lavieren/ Martijn Anne VAN LAVIEREN	,	Assignor/Inventor

Signature:

Michael GRASS

PATENT REEL: 056270 FRAME: 0757

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 Can	re and exclusive right, title, and interest in the fol npus 5, 5656 AE, Eindhoven, the Netherlands, its lectively "the Assignee") my/our invention for whi	s successors, assigns, and legal
is executed concurrently	y herewith		
was filed on ***, having	a United States A	φplication No. ***	
was filed on 2019-Nov-	27, having an Inte	rnational Application No. PCT/EP2019/082804,	
therewith, based thereon, o divisions, continuations, cor	r claiming priority ntinuations-in-part	Ill other United States, foreign and international patherefrom including, but not limited to, any and a re-examinations, reissues, and extensions there, and interest in and to any and all patents gran	Ill provisionals, non-provisionals eof, and the right to claim priority
I/We authorize and request and all Letters Patent when representatives.	that the Patent O granted, solely to	ffice officials in the United States and in any and the Assignee(s), for its sole use, and that of its	all foreign countries to issue any successors, assigns, and legal
Upon request at the expens proceedings including pater	e of the Assignee of prosecution acti	e the Assignee to enjoy the foregoing right, title, i, I/we agree to execute all papers, take all rightfuents and infringement actions, and do all other suing and maintaining patents on the foregoing inv	ul oaths, testify in all legal uch acts which may be
I/We certify that I/we have the	ne full right to con	vey the above rights.	
		that the above-identified application was made on all joint Inventor of a claimed invention in the app	
I hereby acknowledge that a imprisonment of not more th	iny willful false sta ian five (5) years,	atement made in this declaration is punishable un or both.	nder 18 U.S.C. 1001 by fine or
Date:	Signature:	Challe WAAGE	_, Assignor/Inventor
Date:	Signature:	Christian HAASE	_, Assignor/Inventor
Date:	Signature:	Cornelis Willem Johannes Immanuël SPOEL	
	oiynatuis.	Martijn Ange VIN LAVIEREN	, Assignor/Inventor
Date: 28//1/19	Signature:	Michael GRAS	, Assignor/Inventor

PATENT REEL: 056270 FRAME: 0758

**RECORDED: 05/18/2021**