506164324 07/21/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NICOLE SCHADEWALDT	01/18/2019
CRISTIAN LORENZ	05/06/2019
ALEXANDER SCHMIDT-RICHBERG	01/14/2019
TOBIAS KLINDER	05/08/2019

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:	16963680

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:	2017P02630WOUS
NAME OF SUBMITTER:	BARBARA KINNEY
SIGNATURE:	/Barbara Kinney/
DATE SIGNED:	07/21/2020

Total Attachments: 4

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PATENT 506164324 REEL: 053268 FRAME: 0562

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PATENT REEL: 053268 FRAME: 0563

Date:

As a below-named inventor	, I hereby declare	that the above-identified application was made o al joint Inventor of a claimed invention in the app	r authorized to be made by me.
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IAMo cortify that thus bays 8	ne full ciabi ta coav	vey the above rights.	
necessary, desirable, or cor thereto in the Assignee.	wenient for securi	ng and maintaining patents on the foregoing inve	ention or for perfecting title
proceedings including pater	nt prosecution action	, I/we agree to execute all papers, take all rightfu ons and infringement actions, and do all other su	ch acts which may be
I/We will provide my/our coo	peration to enable	e the Assignee to enjoy the foregoing right, title, a	and interest to the fullest extent.
representatives.			
I/We authorize and request and all Letters Patent when	that the Patent Of granted, solely to	ffice officials in the United States and in any and the Assignee(s), for its sole use, and that of its s	all foreign countries to issue any
		e, and interest in and to any and all patents grant	
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and all rights in and to said	annlication and a	Il other United States, foreign and international p	hateianane englisellage taste
was filed on 2019-Jan-	19, having an Inter	mational Application No. PCT/EP2019/050449,	
was filed on ***, having	a United States Ap	pplication No. ***	
is executed concurrentl	/ herewith		
having a place of business	at High Tech Cam	e and exclusive right, title, and interest in the folk ipus 5, 5656 AE, Eindhoven, the Netherlands, its ectively "the Assignee") my/our invention for whic	successors, assigns, and legal
			ned Assignor(s) or Inventor,

Alexander SCHMIDT-RICHBERG

Tobias KLINDER

Signature:

Assignor/Inventor

U.S.A. Sole/Joint

ASSIGNMENT & DECLARATION

Docket No. 2017P02630WOUS

hereby sell, and assign, and tr having a place of business at t	ansfer the entire High Tech Cam	in the acknowledge receipt, the as a below-flamed A e and exclusive right, title, and interest in the following pus 5, 5656 AE, Eindhoven, the Netherlands, its succ actively "the Assignee") my/our invention for which an	g to Koninklijke Philips N.V., cessors, assigns, and legal
is executed concurrently h	arewith		
was filed on ***, having a t	Jnited States Ap	oplication No. ***	
was filed on 2019-Jan-09,	having an Inter	national Application No. PCT/EP2019/050449,	
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		fice officials in the United States and in any and all fo the Assignee(s), for its sole use, and that of its succe	
Upon request at the expense oproceedings including patent p	of the Assignee, prosecution action	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 ng and maintaining patents on the foregoing invention	hs, testify in all legal cts 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 or aut al joint Inventor of a claimed invention in the applicati	
i hereby acknowledge that any imprisonment of not more than		itement made in this declaration is punishable under or both.	18 U.S.C. 1001 by fine or
Date:	Signature:		Assignor/inventor
Date: <u>06-MAY-2017</u>	Signature:	Nicole SCHADEWALDT Cristian LORENZ ,	Assignor/inventor
Date:	Signature:	Cristian LORENZ	Assignor/Inventor

Signature:

Tobias KLINDER

PATENT REEL: 053268 FRAME: 0565

Assignor/inventor

hereby sell, and assign, and trar having a place of business at High	nsfer the entire gh Tech Cam	n I/we acknowledge receipt, I/we as a below-named as and exclusive right, title, and interest in the followir pus 5, 5656 AE, Eindhoven, the Netherlands, its succeptively "the Assignee") my/our invention for which a	ng to Koninklijke Philips N.V., cessors, assigns, and legal
is executed concurrently her was filed on ***, having a Un		onlication No. ***	
		national Application No. PCT/EP2019/050449,	
therewith, based thereon, or claid divisions, continuations, continuations.	ming priority t ations-in-part,	Il other United States, foreign and international pater therefrom including, but not limited to, any and all pro re-examinations, reissues, and extensions thereof, and interest in and to any and all patents granted of	ovisionals, non-provisionals and 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 succ	
Upon request at the expense of proceedings including patent pro	the Assignee, osecution action	e the Assignee to enjoy the foregoing right, title, and , I/we agree to execute all papers, take all rightful oa ons and infringement actions, and do all other such and and maintaining patents on the foregoing invention	ths, testify in all legal acts which may be
I/We certify that I/we have the fu	ıll right to conv	vey the above rights.	
		that the above-identified application was made or au al joint Inventor of a claimed invention in the applica	
I hereby acknowledge that any vimprisonment of not more than f		atement made in this declaration is punishable under or both.	18 U.S.C. 1001 by fine or
Date:	Signature:	Nicole SCHADEWALDT	Assignor/Inventor
Date:	Signature:	Cristian LORENZ 12	Assignor/Inventor
Date: 14 ()1 19	Signature:	Alexander SCHMIDT-RIGHBERG	Assignor/Inventor
Date:	Signature:	AICAMUCI SCHWIDT-RIGHDERG	Assignor/Inventor

Tobias KLINDER

PATENT REEL: 053268 FRAME: 0566 For good and valuable consideration, of which t/we acknowledge receipt, I/we as a below-named Assignor(s) or Inventor,

having a place of business	at High Tech Cam	and exclusive right, title, and interest in the ous 5, 5656 AE, Eindhoven, the Netherlands actively "the Assignee") my/our invention for	, its successors, assigns, and lega
is executed concurrent	y herewith		
was filed on ***, having	a United States Ap	oplication No. ***	
⊠ was filed on 2019-Jan-	09, having an Inter	national Application No. PCT/EP2019/05044	9,
therewith, based thereon, of divisions, continuations, co-	or claiming priority t ntinuations-in-part,	l other United States, foreign and internation herefrom including, but not limited to, any ar re-examinations, reissues, and extensions t e, and interest in and to any and all patents g	nd all provisionals, non-provisionals hereof, and the right to claim priorit
		lice officials in the United States and in any a the Assignee(s), for its sole use, and that of	
Upon request at the expension proceedings including pate	se of the Assignee, nt prosecution acti	o the Assignee to enjoy the foregoing right, ti Nwe agree to execute all papers, take all rig ons and infringement actions, and do all othe ng and maintaining patents on the foregoing	htful oaths, testify in all legal ir euch acte which may be
I/We certify that I/we have I	the full right to com	rey the above rights.	
		that the above-identified application was ma al joint Inventor of a claimed invention in the	
I hereby acknowledge that imprisonment of not more t		tement made in this declaration is punishabl or both.	e under 18 U.S.C. 1001 by fine or
Date:	Signature:	A10 - 1 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -	, Assignar/Inventor
Date:	Signature:	Nicole SCHADEWALDT	, Assignor/Inventor
		Cristian LORENZ	
Date:	Signature:	Alexander SCHAMÓTAIGHBFRG	, Assignor/Inventor
Date: May 8, 2019	Signatures	Alexander SCHWIGT-BICKBERG	, Assignar/Inventor

PATENT REEL: 053268 FRAME: 0567

RECORDED: 07/21/2020