PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GERT WIM 'T HOOFT	10/30/2019
EIBERT GERJAN VAN PUTTEN	11/01/2019
JEROEN JAN LAMBERTUS HORIKX	10/30/2019
ANNA HENDRIKA VAN DUSSCHOTEN	11/07/2019

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:	17289281

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:	2018P00590WOUS
NAME OF SUBMITTER:	THOMAS M. LUNDIN
SIGNATURE:	/Thomas M. Lundin/
DATE SIGNED:	04/28/2021

Total Attachments: 3

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PATENT 506633491 REEL: 056064 FRAME: 0979

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PATENT REEL: 056064 FRAME: 0980

hereby self, and assign, and thaving a place of business at	ransfer the entir High Tech Cam	h I/we acknowledge receipt, I/we as a below-nar 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 whi	lowing to Koninklijke Philips N.V., successors, assigns, and legal
is executed concurrently b	erewith		
was filed on ***, having a	United States A	pplication No. ***	
was filed on 2019-Oct-30	, having an Inter	mational Application No. PCT/EP2019/079660,	
therewith, based thereon, or odivisions, continuations, continuations, continuations,	daiming priority to nuations-in-part,	ll other United States, foreign and international p therefrom including, but not limited to, any and a , re-examinations, reissues, and extensions then e, and interest in and to any and all patents gran	III provisionals, non-provisionals eof, 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 :	
Upon request at the expense proceedings including patent	of the Assignee prosecution acti	e the Assignee to enjoy the foregoing right, title, , I/we agree to execute all papers, take all rightfu ons and infringement actions, and do all other su ing and maintaining patents on the foregoing inv	ıl oaths, testify in all legal uch 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 of al joint inventor of a claimed invention in the app	
I hereby acknowledge that an imprisonment of not more that	•	itement made in this declaration is punishable ur or both.	nder 18 U.S.C. 1001 by fine or
Date: <u> </u>	Signature:	Gerry With TI NOOFT	, Assignor/Inventor
Date:	Signature:	- <u></u>	Assignor/Inventor
Date: <u>2019/10/30</u>	Signature:	Elbert Geyjan VAN PUTTEN	_, Assignor/Inventor
Mata:	Simmatura.	Jeroen Jan Lambertus HOMKX	Assimavlinuantar

Anna Hendrika VAN DUSSCHOTEN

Signature:

Assignor/Inventor

Date:

Signature:

ASSIGNMENT & DECLARATION

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-Oct-30, having an International Application No. PCT/EP2019/079660, 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 caths, 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. Signature: Assignor/Inventor Gert Wim 'T HOOFT Date: LADQ 2019— Signature: Assignor/inventor Eibert Gerian VAN PUTTE Signature: Assignor/Inventor Jeroen Jan Lambertus HORIKX

Anna Hendrika VAN DUSSCHOTEN

Assignor/Inventor

RECORDED: 04/28/2021

having a place of business a	transier the entir it High Tech Can	h I/we acknowledge receipt, I/we as a below-named re and exclusive right, title, and interest in the followingus 5, 5656 AE, Eindhoven, the Netherlands, its surfectively "the Assignee") my/our invention for which a	ng to Koninklijke Philips N.V.,
☐ is executed concurrently ☐ was filed on ***, having a ☐ was filed on 2019-Oct-3	United States A	pplication No. *** mational Application No. PCT/EP2019/079660,	
and all rights in and to said a therewith, based thereon, or divisions, continuations, cont	application, and a claiming priority tinuations-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, e, and interest in and to any and all patents granted	ovisionals, non-provisionals and the right to claim priority.
I/We authorize and request to and all Letters Patent when grepresentatives,	hat the Patent Of granted, solely to	ffice officials in the United States and in any and all f the Assignee(s), for its sole use, and that of its succ	oreign countries to issue any essors, assigns, and legal
proceedings including patent	of the Assignee prosecution 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 a ng and maintaining patents on the foregoing inventio	ths, testify in all legal
I/We certify that I/we have the	e full right to conv	vey the above rights.	
As a below-named inventor, and that I am the original inventor.	l hereby declare entor or an origin	that the above-identified application was made or au al joint Inventor of a claimed invention in the applica	Ithorized to be made by me, tion.
I hereby acknowledge that ar imprisonment of not more tha	ny willful false sta an five (5) years,	itement made in this declaration is punishable under or both.	18 U.S.C. 1001 by fine or
Date:	Signature:	Gert Wîm 'T HOOFT	Assignor/Inventor
Date:	Signature:	Eibert Gerjan VAN PUTTEN	Assignor/Inventor
Date:	Signature:		Assignor/Inventor
Date:	Signature:	Jeroen Jan Lambertus HORIKX Anna Hendrika VAN DUSSCHOTEN	Assignor/Inventor

PATENT REEL: 056064 FRAME: 0983