506416620 12/22/2020

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
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PATRICK LUC ELS VANDEWALLE	07/04/2019

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State/Country:	NETHERLANDS	
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### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17254903

### **CORRESPONDENCE DATA**

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NAME OF SUBMITTER:	MARIANNE FOX
SIGNATURE:	/MARIANNE FOX/
DATE SIGNED:	12/22/2020

**Total Attachments: 2** source=dec1#page1.tif source=dec2#page1.tif

PATENT 506416620 REEL: 054824 FRAME: 0930

## ASSIGNMENT & DECLARATION

For good and valuable consideration hereby sell, and assign, and transfe having a place of business at High 1 representatives, including any nominations.	r the entire and exclusive r Fech Campus 5, 5656 AE,	ight, title, and interest in the followin Eindhoven, the Netherlands, its suc	ng to Koninklijke Philips N.V., ccessors, assigns, and legal
is executed concurrently herewill was filed on ***, having a United in 2019-Jun-20, having	States Application No. ***		
and all rights in and to said applicati therewith, based thereon, or claimin divisions, continuations, confinuation thereto, and the entire and exclusive	g prionty therefrom includi ns-in-part, re-examinations	ng, but not limited to, any and all pr , reissues, and extensions thereof,	ovisionals, non-provisionals and the right to claim priority
I/We authorize and request that the and all Letters Patent when granted representatives.			
I/We will provide my/our cooperation. Upon request at the expense of the proceedings including patent prosed necessary, desirable, or convenient thereto in the Assignee.	Assignee, I/we agree to ex cution actions and infringer	recute all papers, take all rightful oa nent actions, and do all other such	iths, testify in all legal acts which may be
I/We certify that I/we have the full rig	ght to convey the above rig	hts	
As a below-named inventor, I hereb and that I am the original Inventor o			
I hereby acknowledge that any willful imprisonment of not more than five		this declaration is punishable under	18 U.S.C. 1001 by fine or
Date: 19 August 2019 Si	gnature: ( )	LEKAMP ,	Assignor/Inventor
Date: Si	gnature:	VANDEWALLE	Assignor/Inventor

PATENT REEL: 054824 FRAME: 0931 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-Jun-20, having an International Application No. PCT/EP2019/066311,

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 oaths, 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.

Date:	Signature:	Chgistiaan VAREKAMP	Assignor/Inventor
Date:	Signature:	Patrick Luc Els VANDEWALLE.	Assignor/Inventor

PATENT REEL: 054824 FRAME: 0932

**RECORDED: 12/22/2020**