

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT5619470

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
FRANCOIS GUY GERARD MARIE VIGNON	04/25/2019
BO ZHANG	08/31/2018
JEAN-LUC FRANCOIS-MARIE ROBERT	08/24/2018
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:	16478165
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Correspondent Name:	PHILIPS INTELLECTUAL PROPERTY & STANDARD
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ATTORNEY DOCKET NUMBER:	2016P01173WOUS
NAME OF SUBMITTER:	CATHERINE E. FELDMAN
SIGNATURE:	/Catherine E. Feldman/
DATE SIGNED:	07/16/2019
Total Attachments: 3	
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source=2016P01173WOUS_Assignments#page2.tif	
source=2016P01173WOUS_Assignments#page3.tif	

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 2018-Jan-16, having an International Application No. PCT/EP2018/050948,

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.

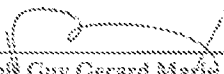
I/We authorize and request that the Patent Office officials in the United States and in any and all foreign countries to issue any and all Letters Patent when granted, solely to the Assignee(s), for its sole use, and that of its successors, assigns, and legal representatives.

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: 4/25/2019	Signature: 	Assignor/Inventor
Date: _____	Signature: Francoeur Guy Gerard Marie VIGNON	Assignor/Inventor
Date: _____	Signature: Bo ZHANG	Assignor/Inventor
Date: _____	Signature: Jean-Luc Francois-Marie ROBERT	Assignor/Inventor

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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: _____	Assignor/Inventor
	Francois Guy Gerard Marie VIGNON	
Date: Aug 31 st 2018	Signature: _____	Assignor/Inventor
	Bo ZHANG	
Date: _____	Signature: _____	Assignor/Inventor
	Jean-Luc Francis-Marie ROBERT	

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Date: _____ Signature: _____, Assignor/Inventor
François Guy Gerard Marie VIGNON

Date: _____ Signature: _____, Assignor/Inventor
Bo ZHANG

Date: 08/24/18. Signature: _____, Assignor/Inventor
Jean-Luc François-Marie ROBERT