505313312 02/05/2019 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5360093

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY D	ΑΤΑ				
		Name		Execution Date	
THOMAS FRACH				02/05/2019	
RECEIVING PARTY DA	ТА				
Name:	KONIN	KONINKLIJKE PHILIPS N.V.			
Street Address:	HIGH T	HIGH TECH CAMPUS 5			
City:	EINDH	EINDHOVEN			
State/Country:	NETHE	NETHERLANDS			
Postal Code:	5656 A	E			
Property Type		Number			
PROPERTY NUMBERS Property Type Application Number:		Number 16239609			
Property Type	DATA				
Property Type Application Number: CORRESPONDENCE E Fax Number: <i>Correspondence will b</i>	DATA De sent to	16239609			
Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone:	DATA De sent to provideo	16239609 (914)495-9540 5 the e-mail address first; if that 1; if that is unsuccessful, it will 914-495-9516			
Property Type Application Number: CORRESPONDENCE E Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email:	DATA De sent to provideo	16239609 (914)495-9540 5 the e-mail address first; if that 1; if that is unsuccessful, it will 914-495-9516 jaclyn.busta@philips.com	be sent via L	IS Mail.	
Property Type Application Number: CORRESPONDENCE E Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name:	DATA De sent to provideo	16239609 (914)495-9540 5 the e-mail address first; if that 1; if that is unsuccessful, it will 914-495-9516 jaclyn.busta@philips.com PHILIPS INTELLECTUAL PROP	be sent via L	IS Mail.	
Property Type Application Number: CORRESPONDENCE E Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email:	DATA De sent to provideo	16239609 (914)495-9540 5 the e-mail address first; if that 1; if that is unsuccessful, it will 914-495-9516 jaclyn.busta@philips.com	be sent via L	IS Mail.	
Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1:	DATA De sent to provideo	16239609 (914)495-9540 b the e-mail address first; if that i; if that is unsuccessful, it will 914-495-9516 jaclyn.busta@philips.com PHILIPS INTELLECTUAL PROP 465 COLUMBUS AVENUE	be sent via L	IS Mail.	
Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	DATA De sent to provideo	16239609 (914)495-9540 5 the e-mail address first; if that 1; if that is unsuccessful, it will 914-495-9516 jaclyn.busta@philips.com PHILIPS INTELLECTUAL PROP 465 COLUMBUS AVENUE SUITE 340	be sent via L	IS Mail.	
Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	DATA De sent to provided	16239609 (914)495-9540 b the e-mail address first; if that i; if that is unsuccessful, it will 914-495-9516 jaclyn.busta@philips.com PHILIPS INTELLECTUAL PROP 465 COLUMBUS AVENUE SUITE 340 VALHALLA, NEW YORK 10595	be sent via L	IS Mail.	
Property Type Application Number: CORRESPONDENCE E Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	DATA De sent to provided	16239609 (914)495-9540 b the e-mail address first; if that i; if that is unsuccessful, it will 914-495-9516 jaclyn.busta@philips.com PHILIPS INTELLECTUAL PROP 465 COLUMBUS AVENUE SUITE 340 VALHALLA, NEW YORK 10595 2009P00281US02	be sent via L	IS Mail.	
Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NUM	DATA De sent to provided	16239609 (914)495-9540 b the e-mail address first; if that j; if that is unsuccessful, it will 914-495-9516 jaclyn.busta@philips.com PHILIPS INTELLECTUAL PROP 465 COLUMBUS AVENUE SUITE 340 VALHALLA, NEW YORK 10595 2009P00281US02 DOUGLAS B. MCKNIGHT	be sent via L	IS Mail.	
Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NO NAME OF SUBMITTER: SIGNATURE:	DATA De sent to provided	16239609 (914)495-9540 b the e-mail address first; if that i; if that is unsuccessful, it will 914-495-9516 jaclyn.busta@philips.com PHILIPS INTELLECTUAL PROP 465 COLUMBUS AVENUE SUITE 340 VALHALLA, NEW YORK 10595 2009P00281US02 DOUGLAS B. MCKNIGHT /Douglas B. McKnight/	be sent via L	IS Mail.	

ASSIGNMENT & DECLARATION

Docket No. 2009P00281US02

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 January 4, 2019, having a United States Application No. 16/239,609

🛛 was filed on ***, having an International Application No. ***,

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: 02/05/2019 Signature: 7 June Front Assignor/Inventor

Thomas FRACH

RECORDED: 02/05/2019