505976284 03/19/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT				
NATURE OF CONVEYA	NCE:	ICE: ASSIGNMENT		
CONVEYING PARTY	ΟΑΤΑ			
Name Execution Da				
FRANCISCS JOHANNES GERARDUS HAKKENS			09/28/2018	
CORNELIS GERARDUS MARIA DE HAAS			09/27/2018	
JOHANNES GERARDU	JS VAN BE	EK	09/26/2018	
FRANCISCUS REINIE		US VAN DER LINDE	05/07/2019	
RECEIVING PARTY DA		KLIJKE PHILIPS N.V.		
Name: Street Address: City:	KONINK HIGH TE EINDHC	ECH CAMPUS 5 DVEN		
Name: Street Address:	KONINK HIGH TE EINDHC	ECH CAMPUS 5 DVEN RLANDS		
Name: Street Address: City: State/Country:	KONINK HIGH TE EINDHC NETHER 5656 AE	ECH CAMPUS 5 DVEN RLANDS		
Name: Street Address: City: State/Country: Postal Code:	KONINK HIGH TE EINDHC NETHER 5656 AE S Total: 1	ECH CAMPUS 5 DVEN RLANDS		

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(914)495-9540

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. Phone: 914-495-9516

Email: patti.demichele@Philips.com Correspondent Name: PHILIPS INTELLECTUAL PROPERTY & STANDARD **465 COLUMBUS AVENUE** Address Line 1: SUITE 340 Address Line 2: VALHALLA, NEW YORK 10595 Address Line 4:

ATTORNEY DOCKET NUMBER:	2017P02242WOUS
NAME OF SUBMITTER:	PATTI DEMICHELE
SIGNATURE:	/Patti DeMichele/
DATE SIGNED:	03/19/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

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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-Sep-26, having an International Application No. PCT/EP2018/076069,

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.

-	00	2 0 *		Annimunallauraadau
Date:	<u> 28 - 09 - 2018</u>	Signature:	Pranciscus Johannes Gerardus HAKKENS	Assignor/Inventor
Date:		Signature:	3/	Assignor/Inventor
Date:		Signature:	Cornelis Gerardus Maria DE HAAS	Assignor/Inventor
Date.		Q19110101.01	Johannes Gerardus VAN BEEK	ada.
Date:		Signature:		Assignor/Inventor
			Franciscus Reinier Antonius VAN DER LINDE	

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Date:		Signature:	3	Assignor/Inventor
Date: 🎽	<u>27-09-201</u> 8	Signature:	Francisco Schanne's Gerardus HAKKENS Cornelis Gerardus Maria DE HAAS	Assignor/Inventor
Date:		Signature:	Johannes Gerardus VAN BEEK	Assignor/Inventor
Date:		Signature:	Franciscus Reinier Antonius VAN DER LINDE	Assignor/Inventor

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Date:	Signature:		Assignor/Inventor
Date:	Signature:	Franciscus Johannes Gerardus HAKKENS	Assignor/Inventor
Date: 26-9-2018	- Signature:	Cornelis Gerardus Maria DE HAAS	Assignor/Inventor
Date:	- Signature:	Johannes Gerardus VAN BEEK	Assignor/Inventor
		Franciscus Reinier Antonius VAN DER LINDE	w
<u>A</u>	Dal		

ASSIGNMENT & DECLARATION

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Date:	Signature:	,	Assignor/Inventor
Date:	Signature:	Franciscus Johannes Gerardus HAKKENS	Assignor/inventor
Date:	Signature:	Cornelis Gerardus Maria DE HAAS	Assignor/Inventor
Date: <u>077144 C</u> 014	Signature:	Johannes Gerardus VAN BEEK Franciscus Reister Antonius VAN DER LINDE	Assignor/Inventor

RECORDED: 03/19/2020