# PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5444796

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
JOHANNES CORNELIS JANS	01/25/2019
ROB VAN LOON	11/29/2018
NIELS METHORST	11/29/2018
PASCAL WOLKOTTE	11/12/2018

## **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:	16337432

## **CORRESPONDENCE DATA**

Fax Number: (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

PHILIPS INTELLECTUAL PROPERTY & STANDARD **Correspondent Name:** 

**465 COLUMBUS AVENUE** Address Line 1:

SUITE 340 Address Line 2:

Address Line 4: VALHALLA, NEW YORK 10595

ATTORNEY DOCKET NUMBER:	2016P00884WOUS
NAME OF SUBMITTER:	WILLIAM J. MCNAMARA
SIGNATURE:	/William J. McNamara/
DATE SIGNED:	03/28/2019

# **Total Attachments: 4**

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PATENT REEL: 048721 FRAME: 0694

Date:

hereby sell, and assign, and trainaving a place of business at Hi	nsfer the entire igh Tech Camp	and exclusive right, title, and interest	in the following to Koninklijke Philips N.V rlands, its successors, assigns, and lega on for which an application:
is executed concurrently her	rewith		
was filed on ***, having a Ur	nited States Ap	plication No. ***	
was filed on 2017-Sep-29, h	naving an Inter	national Application No. PCT/EP2017/	074917,
therewith, based thereon, or cla divisions, continuations, continu	iming priority t alions-in-part,	nerefrom including, but not limited to, a	national patent applications associated any and all provisionals, non-provisionals tions thereof, and the right to claim priorit ents granted on these applications.
			any and all foreign countries to issue ar hat of its successors, assigns, and legal
Upon request at the expense of proceedings including patent pro-	the Assignee, osecution action	the Assignee to enjoy the foregoing n I/we agree to execute all papers, take ons and infringement actions, and do a ng and maintaining patents on the fore	ill other such acts which may be
I/We certify that I/we have the fo	ull right to conv	ey the above rights.	
		that the above-identified application wa al joint inventor of a claimed invention	as made or authorized to be made by me in the application.
I hereby acknowledge that any imprisonment of not more than			ishable under 18 U.S.C. 1001 by fine or
Date: <u>25-1-20</u> /5	Signature:	3.5.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.	, Assignortinyentor
Date:	Signature:	Johnnes Cornells JANS	, Assignor/Inventor
	*	Rob VAN LOON	A na impo niimo nomenu
Date:	Signature:		, Assignor/inventor

Niels METHORST

Pascal WOLKOTTE

Signature:

PATENT REEL: 048721 FRAME: 0695

Assignor/inventor

Date:

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 2017-Sep-29, having an International Application No. PCT/EP2017/074917, 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: Assignor/inventor Johannes Cornelis JANS Date: 29 NOV 208 Signature: Assignor/Inventor Reb VAN LOON Signature:

**Niels METHORST** 

Pascal WOLKOTTE

Signature:

**PATENT** REEL: 048721 FRAME: 0696

Assignor/Inventor

Assignor/Inventor

U.S.A. Sole/Joint

# ASSIGNMENT & DECLARATION Docket No. 2016P00884WOUS

hereby sell, and assign, and trans having a place of business at Hig	sfer the entire h Tech Cam	I/we acknowledge receipt, I/we as a below-not and exclusive right, title, and interest in the frous 5, 5656 AE, Eindhoven, the Netherlands, actively "the Assignee") my/our invention for w	ollowing its succ	to Koninklijke Philips N.V., essors, assigns, and legal
is executed concurrently here	with			
was filed on ***, having a Uni	ted States Ap	oplication No. ***		
xas filed on 2017-Sep-29, ha	iving an Inter	national Application No. PCT/EP2017/074917	ē	
therewith, based thereon, or clair divisions, continuations, continua	ning priority t tions-in-part,	I other United States, foreign and international herefrom including, but not limited to, any and re-examinations, reissues, and extensions the , and interest in and to any and all patents gra	all prov ereof, ar	isionals, non-provisionals nd the right to claim priority
		fice officials in the United States and in any ar the Assignee(s), for its sole use, and that of it		
Upon request at the expense of t proceedings including patent pro-	he Assignee, secution acti	e the Assignee to enjoy the foregoing right, tith I/we agree to execute all papers, take all righ ons and infringement actions, and do all other ng and maintaining patents on the foregoing in	tful oath such ac	is, testify in all legal its which may be
I/We certify that I/we have the ful	I right to con-	vey the above rights.		
		that the above-identified application was mad- al joint Inventor of a claimed invention in the a		
I hereby acknowledge that any wimprisonment of not more than fi		itement made in this declaration is punishable or both.	under 1	18 U.S.C. 1001 by fine or
Date:	Signature:		8	Assignor/Inventor
		Johannes Cornelis JANS		•
Date:	Signature:	Rob VAN LOON	9	Assignor/Inventor
Date: 11/29/2018	Signature:			Assignor/Inventor
Nate:	Signature:	Niels METHORST		Assignor/inventor

Pascal WOLKOTTE

PATENT **REEL: 048721 FRAME: 0697** 

hereby sell, and assign, and tra having a place of business at h	ansfer the entin High Tech Cam	n I/we acknowledge receipt, I/we as a below-named e and exclusive right, title, and interest in the followl pus 5, 5656 AE, Eindhoven, the Netherlands, its su actively "the Assignee") my/our invention for which a	ing to Koninklijke Philips N.V ccessors, assigns, and legal
is executed concurrently ha	erewith		
was filed on ***, having a U	Inited States Ap	oplication No. ***	
was filed on 2017-Sep-29,	having an Inter	mational Application No. PCT/EP2017/074917,	
therewith, based thereon, or cli- divisions, continuations, continu	aiming priority t uations-in-part,	il other United States, foreign and international pate therefrom including, but not limited to, any and all pi re-examinations, reissues, and extensions thereof, a, and interest in and to any and all patents granted	rovisionals, non-provisionals and the right to claim priorit
		fice officials in the United States and in any and all the Assignee(s), for its sole use, and that of its suc	
Upon request at the expense or proceedings including patent p	f the Assignee, rosecution acti	a the Assignee to enjoy the foregoing right, title, and I/we agree to execute all papers, take all rightful or ons and infringement actions, and do all other such ng and maintaining patents on the foregoing inventi	aths, testify in all legal acts which may be
I/We certify that I/we have the t	full right to com	vey the above rights.	
As a below-named Inventor, I hand that I am the original Inven	nereby declare itor or an origin	that the above-identified application was made or a al joint Inventor of a claimed invention in the applica	uthorized to be made by me ation.
i hereby acknowledge that any imprisonment of not more than		itement made in this declaration is punishable under or both.	r 18 U.S.C. 1001 by fine or
Date:	Signature:		Assignor/Inventor
Date:	Signature:	Johannes Cornelis JANS	Assignor/Inventor
Date:	Signature:	Rob VAN LOON	
		Niels METHORST	Assignor/Inventor
Date: 11-12-2018	Signature:	AAGA Pascal WOLKOTTE	Assignor/Inventor

PATENT REEL: 048721 FRAME: 0698

**RECORDED: 03/28/2019**