PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3953503

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WALTER DEES	01/08/2015
FRANCISCUS ANTONIUS MARIA VAN DE LAAR	07/07/2016
PAUL ANTHONY SHRUBSOLE	06/30/2016
PIETER JOSEPH MATHIAS CUSTERS	05/04/2015

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:	15110533

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: noemi.chapa@philips.com

Correspondent Name: PHILIPS INTELLECTUAL PROPERTY & STANDARD

465 COLUMBUS AVENUE Address Line 1:

SUITE 340 Address Line 2:

Address Line 4: VALHALLA, NEW YORK 10595

ATTORNEY DOCKET NUMBER:	2013P01722WOUS
NAME OF SUBMITTER:	NOEMI CHAPA
SIGNATURE:	/Noemi Chapa/
DATE SIGNED:	07/08/2016

Total Attachments: 4

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PATENT REEL: 039108 FRAME: 0588

Date

Date

Date

For good and valuable consideration, of which I/we acknowledge receipt, I/we as a below-named Assignor(s), 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 executed by me/us on, having a Serial 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.

Page 1 of 1

Walker DEES

LAAR

(print name here)

(print name here)

(print name here)

Franciscus Antonius Maria VAN DE

Paul Anthony SHRUBSOLE

Pieter Joseph Mathias CUSTERS

, Assignor

, Assignor

, Assignor

, Assignor

For good and valuable consideration, of which I/we acknowledge receipt, I/we as a below-named Assignor(s), 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 ex	cuted concurrently herewith
	was	xecuted by me/us on
	was	led on, having a Serial No
X	was	led on. 05 Jan 2015, having an International Application No. PCT/EP2015/050020,

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.

	(sign name here)		
Date = 3.44 - 2016	(print name here)	Walter DEES	, Assignor
Date	(print name here)	Franciscois Antonius Maria VAN DE LAAR	, Assignor
Date	(print name here)	Paul Anthony SHRUBSOLE	, Assignor
Date	(print name here)	Pieter Joseph Mathias CUSTERS	, Assignor

Page 1 of 1

ASSIGNMENT

Date

Date

and assign, and transfer a place of business at H	the entire and exclusive ri ligh Tech Campus 5,56567	re acknowledge receipt, I/we as a below-name ght, title, and interest in the following to Kon AE, Eindhoven, the Netherlands, its successor ely "the Assignee") my/our invention for wh	inklijke Philips N.V., having rs, assigns, and legal
is executed concurr	ently herewith		
was executed by me	e/us on		
was filed on	, has	ring a Serial No	877873
was filed on. 05 Jai	n 2015, having an Internatio	onal Application No. PCT/EP2015/050020,	
therewith, based thereo provisionals divisions,	n, or claiming priority ther continuations, continuation	ner United States, foreign and international parefrom including, but not limited to, any and a s-in-part, re-examinations, reissues, and exter right, title, and interest in and to any and all	ll provisionals, non- nsions thereof, and the right to
•		officials in the United States and in any and a the Assignec(s), for its sole use, and that of it	
extent. Upon request a legal proceedings inclu	at the expense of the Assign ading patent prosecution act r convenient for securing a	ne Assignee to enjoy the foregoing right, title, see, I/we agree to execute all papers, take all tions and infringement actions, and do all othed maintaining patents on the foregoing inver	rightful oaths, testify in all er such acts which may be
I/We certify that I/we l	have the full right to conver	y the above rights.	
	(sign name here)	es.	
Date	(print name here)	Waiter DEES	, Assignor
Date	(print name here)	Franciscus Antonius Maria VAN DE	, Assignor
	Kernen america services	LAAR 2	
<u> Mue 30 2016 -</u> Date	(print name here)	Paul Aniñony SHRUBSOLE	, Assignor

Page 1 of 1

Pieter Joseph Mathias CUSTERS

(print name here)

(print name here)

PATENT REEL: 039108 FRAME: 0591

, Assignor

-		e acknowledge receipt, I/we as a below-name ght, title, and interest in the following to Koni	
		AE, Eindhoven, the Netherlands, its successors	
representatives, including	any nominees (collectiv	ely "the Assignee") my/our invention for which	ch an application:
is executed concurrent	tly herewith		
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•		officials in the United States and in any and all	
·	when granted, solely to	the Assignee(s), for its sole use, and that of its	successors, assigns, and
legal representatives.			
•	· · · · · · · · · · · · · · · · · · ·	ne Assignee to enjoy the foregoing right, title,	
		ee, I/we agree to execute all papers, take all ri	
		tions and infringement actions, and do all othe	· ·
.00.	onvenient for securing at	nd maintaining patents on the foregoing invent	non or for perfecting title
thereto in the Assignee.			
I/We certify that I/we hav	e the full right to convey	the above rights.	
	(sign name here)		
Date	(print name here)	Waiter DEES	, Assignor
Date	(print name here)	Franciscus Antonius Maria VAN DE LAAR	, Assignor
Date	(neint rama kara)	Paul Anthony SHRURSON E	Accionar

Page 1 of 1

Pigter Joseph Mathias CUSTERS

PATENT REEL: 039108 FRAME: 0592

, Assignor

(print name here)