PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4389313

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARK THOMAS JOHNSON	04/18/2017
JOHANNES HENDRIKUS MARIA SPRUIT	01/28/2016
OKKE OUWELTJES	04/14/2017
EDGAR MARTINUS VAN GOOL	02/01/2016

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:	15517202

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: barbara.kinney@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:	2014P00953WOUS
NAME OF SUBMITTER:	DAWN C. WOLFF
SIGNATURE:	/Dawn C. Wolff/
DATE SIGNED:	04/28/2017

Total Attachments: 4

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PATENT REEL: 042172 FRAME: 0279

and assign, and transfe a place of business at F	r the entire and exclusive ri ligh Tech Campus 5,5656 .	re acknowledge receipt, I/we as a below-name ght, title, and interest in the following to Kon AE, Eindhoven, the Netherlands, its successor rely "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	, ha	ving a Serial No	*****
was filed on. 05 Oc	et 2015, having an Internati	onal Application No. PCT/IB2015/057613,	
and all rights in and to	said application, and all ot	her United States, foreign and international pa	stent applications associated
therewith, based therec	on, or claiming priority ther	efrom including, but not limited to, any and a	Il provisionals, non-
provisionals divisions,	continuations, continuation	ns-in-part, re-examinations, reissues, and exte	nsions thereof, and the right to
claim priority thereto,	and the entire and exclusive	e right, title, and interest in and to any and all	patents granted on these
applications.			
extent. Upon request a legal proceedings inch	at the expense of the Assign ading patent prosecution ac r convenient for securing a	ne Assignee to enjoy the foregoing right, title, nee, I/we agree to execute all papers, take all t tions and infringement actions, and do all oth nd maintaining patents on the foregoing inver	rightful oaths, testify in all er such acts which may be
I/We certify that I/we	have the full right to conve	y the above rights.	
18/4/2015	z (sign name here)	May 2. The state of the state o	
Date	(print name here)	Mark Thomas JOHNSON	, Assignor
Date	(print name here)	Johannes Hendrikus Maria SPRUIT	, Assignor
Date	(print name here)	Okke OUWELTJES	, Assignor
Date	(print name here)	Edgar Martinus VAN GOOL	, Assignor

Page 1 of 1

(print name here)

Date

Menno Willem Jose PRINS

, Assignor

and assign, and transfer to a place of business at Hi	he entire and exclusive r gh Tech Campus 5,5656	ve acknowledge receipt, I/we as a below-nan ight, title, and interest in the following to Ko AE, Eindhoven, the Netherlands, its successo vely "the Assignee") my/our invention for wi	ninklijke Philips N.V., having ors, assigns, and legal
This area what as no names	notes le manuelolo		
is executed concurrer was executed by me/	·		
•		ving a Serial No.	
		onal Application No. PCT/IB2015/057613,	
therewith, based thereon provisionals divisions, co	, or claiming priority ther ontinuations, continuation	her United States, foreign and international prefrom including, but not limited to, any and assistant, re-examinations, reissues, and extended to any and all a right, title, and interest in and to any and all	all provisionals, non- ensions thereof, and the right to
•		officials in the United States and in any and a the Assignee(s), for its sole use, and that of i	**
extent. Upon request at legal proceedings includ	the expense of the Assigning patent prosecution ac	he Assignee to enjoy the foregoing right, title nee, I/we agree to execute all papers, take all tions and infringement actions, and do all oth nd maintaining patents on the foregoing inve	rightful oaths, testify in all her such acts which may be
I/We certify that I/we ha	ve the full right to conve	y the above rights.	
	(sign name here)		
Date	(print name here)	Mark Thomas JOHNSON	, Assignor
20-01-2016		1 Sant	
Date	(print name here)	Johssines Hendrikus Maria SPRUIT	, Assignor
Date	(print name here)	Okke OUWELTJES	, Assignor
Date	(print name here)	Edgar Martinus VAN GOOL	, Assignor
Date	(print name here)	Menno Willem Jose PRINS	Assignor

Page 1 of 1

to

Date

		ve acknowledge receipt, I/we as a below-nar	
		ight, title, and interest in the following to Ko	· · · · · · · · · · · · · · · · · · ·
		AE, Eindhoven, the Netherlands, its success	**
representatives, incl	uding any nominees (collecti	vely "the Assignee") my/our invention for w	hich an application:
is executed conc	urrently herewith		
was executed by	me/us on	***************************************	
was filed on		ving a Serial No	2101022
was filed on. 05	Oct 2015, having an Internati	onal Application No. PCT/IB2015/057613,	
and all rights in and	to said application, and all ot	her United States, foreign and international p	patent applications associated
		refrom including, but not limited to, any and	• •
		ns-in-part, re-examinations, reissues, and ext	* A
		e right, title, and interest in and to any and al	•••
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 F	atent when granted, solely to	the Assignee(s), for its sole use, and that of	its successors, assigns, and
legal representatives	š,		
I/We will provide m	ry/our cooperation to enable t	he Assignee to enjoy the foregoing right, title	, and interest to the fullest
extent. Upon reque:	st at the expense of the Assign	nee, I/we agree to execute all papers, take all	rightful oaths, testify in all
legal proceedings in	cluding patent prosecution ac	tions and infringement actions, and do all ot	ner such acts which may be
necessary, desirable	, or convenient for securing a	nd maintaining patents on the foregoing inve	ntion or for perfecting title
thereto in the Assign	100.		
I/We certify that I/w	e have the full right to conve	y the above rights.	
	(sign name here)		
Date	(print name here)	Mark Thomas JOHNSON	, Assignor
Date	(print name here)	Johannes Hendrikus Maria SPRUIT	, Assignor
14-04-2017			M.S.
Date	(print name here)	Okke OUWELTJES	Assignor
Date	(print name here)	Edgar Martinus VAN GOOL	, Assignor

(print name here)

Menno Willem Jose PRINS

, Assignor

For good and value	able consideration, of which I/s	ve acknowledge receipt, I/we as a below-nar	ned Assignor(s), hereby sell,
•		ight, title, and interest in the following to Ko	
•		AE, Eindhoven, the Netherlands, its successe	
representatives, inc	cluding any nominees (collectiv	vely "the Assignee") my/our invention for wi	hich an application:
is executed con	currently herewith		
	y me/us on	***************************************	
was filed on	, ba	ving a Serial No.	ne engles
was filed on. 05	5 Oct 2015, having an Internati	ional Application No. PCT/IB2015/057613,	
and all rights in an	d to said application, and all ot	her United States, foreign and international p	atent applications associated
therewith, based th	ereon, or claiming priority the	efrom including, but not limited to, any and	all provisionals, non-
provisionals divisi-	ons, continuations, continuation	ns-in-part, re-examinations, reissues, and exte	ensions thereof, and the right to
claim priority there	cto, and the entire and exclusive	e right, title, and interest in and to any and al	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 Assignce(s), for its sole use, and that of	ts successors, assigns, and
legal representative	28.		
I/We will provide	my/our cooperation to enable t	he Assignee to enjoy the foregoing right, title	, and interest to the fullest
extent. Upon requ	est at the expense of the Assign	nec, I/we agree to execute all papers, take all	rightful oaths, testify in all
legal proceedings i	ncluding patent prosecution ac	tions and infringement actions, and do all off	er such acts which may be
necessary, desirable	e, or convenient for securing a	nd maintaining patents on the foregoing inve	ntion or for perfecting title
thereto in the Assi	gnee.		*
I/We certify that I/	we have the full right to conve	y the above rights.	
	(sign name here)		
Date	(print name here)	Mark Thomas JOHNSON	, Assignor
Date	(print name here)	Johannes Hendrikus Maria SPRUIT	, Assignor
Date	(print name here)	Okke OUWELTIES	, Assignor
2016-02-0	>/		• • • • • • • • • • • • • • • • • • •
Date	(print name here)	Ergar Martinus VAN GOOL	. Assignor

Page 1 of 1

Menno Willem Jose PRINS

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, Assignor

Date

(print name here)