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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

EPAS ID: PAT4217145

CONVEYING PARTY DATA

Name	Execution Date
REINHOLD WIMBERGER FRIEDL	12/28/2016
JACOBUS HERMANUS MARIA NEIJZEN	07/06/2015
ANJA VAN DE STOLPE	01/07/2017

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:	15322495

CORRESPONDENCE DATA

Fax Number: (914)495-9512

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:**

Address Line 1: **465 COLUMBUS AVENUE**

Address Line 2: SUITE 340

VALHALLA, NEW YORK 10595 Address Line 4:

ATTORNEY DOCKET NUMBER:	2013P01267WOUS
NAME OF SUBMITTER:	WILLIAM J. MCNAMARA
SIGNATURE:	/William J. McNamara/
DATE SIGNED:	01/10/2017

Total Attachments: 3

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> **PATENT** REEL: 040912 FRAME: 0809 504170467

*		we acknowledge receipt, I/we as a below-nam	***
		ight, title, and interest in the following to Kor	
a place of business at	High Tech Campus 5,5656	AE, Eindhoven, the Netherlands, its successor	rs, assigns, and legal
representatives, includ	ling any nominees (collecti	vely "the Assignee") my/our invention for wh	nich an application:
is executed concur	rently herewith		
	e/us on		
		ving a Serial No	
		-	******
XI was med on, ay as	m 2015, naving an internat	ional Application No. PCT/EP2015/064677,	
and all rights in and to	said application, and all of	her United States, foreign and international p	atent applications associated
therewith, based there	on, or claiming priority the	refrom including, but not limited to, any and	all provisionals, non-
		ns-in-part, re-examinations, reissues, and exte	•
		e right, title, and interest in and to any and all	
applications.			
I/We authorize and rec	quest that the Patent Office	officials in the United States and in any and a	ill foreign countries to issue
any and all Letters Pat	ent when granted, solely to	the Assignee(s), for its sole use, and that of i	ts successors, assigns, and
legal representatives.			
I/We will provide my/	our cooperation to enable t	he Assignee to enjoy the foregoing right, tifle	, and interest to the fullest
extent. Upon request:	at the expense of the Assign	nee, I/we agree to execute all papers, take all:	rightful oaths, testify in all
legal proceedings incli	uding patent prosecution ac	tions and infringement actions, and do all oth	er such acts which may be
necessary, desirable, o	r convenient for securing a	nd maintaining patents on the foregoing inver	ation or for perfecting title
thereto in the Assigned	2,		
I/We certify that I/we	have the full right to conve	y the above rights.	
		ě	
~ 0		Viney L	
28-12-2016	(sign name here)		
Date	(print name here)	Reinhold WIMBERGER FRIEDL	, Assignor
Date	(print name here)	Jacobus Hermanus Maria NEIJZEN	, Assignor
	·*		
Date	(print name here)	Anja VAN DE STOLPE	, Assignor

Page 1 of 1

For good and valuable consideration, of which I/we acknowledge receipt, I/we as a below-named Assignor(s), hereby sell,

-		ight, title, and interest in the following to Kor AE, Eindhoven, the Netherlands, its successo	
•	~	vely "the Assignee") my/our invention for wh	
was filed on	us on, ha	ving a Serial Noional Application No. PCT/EP2015/064677,	
therewith, based thereof provisionals divisions, of	n, or claiming priority the continuations, continuatio	her United States, foreign and international parefrom including, but not limited to, any and ans-in-part, re-examinations, reissues, and extended to any and all the 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 it	•
extent. Upon request at legal proceedings inclu- necessary, desirable, or thereto in the Assignee.	the expense of the Assign ding patent prosecution ac convenient for securing a	he Assignee to enjoy the foregoing right, title nee, I/we agree to execute all papers, take all stions and infringement actions, and do all oth and maintaining patents on the foregoing investigation.	rightful oaths, testify in all er such acts which may be
I/We certify that I/we h	ave the full right to conve	y the above rights.	
	(sign name here)		
Date 6. soulo, 2015	(print name here)	Reinhold WIMBERGER FRIEDL	, Assignor
Dave /	(print name here)	Jacobus Hermanos Maria NEIJZEN	, Assignor
Date	(print name here)	Anja VAN DE STOLPE	, Assignor

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For good and valuable consideration, of which I/we acknowledge receipt, I/we as a below-named Assignor(s), hereby sell,

Date

RECORDED: 01/10/2017

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
was filed on, having a Serial No
was filed on. 29 Jun 2015, having an International Application No. PCT/EP2015/064677,
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

Reinhold WIMBERGER PRIEDL

Jokobus Hermanus Maria NEIJZEN

(sign name here)

(print name here)

(print name here)

anja van de Volge (print name here) , Assignor

, Assignor

, Assignor