#### 504168579 01/09/2017

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4215257

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ONNO JAN WIMMERS	06/23/2015
JOHANNES WILHELMUS MARIA JACOBS	06/24/2015
JACQUES JULES VAN OEKEL	01/09/2017

### **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:	15322764

### CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	2014P00537WOUS
NAME OF SUBMITTER:	WILLIAM J. MCNAMARA
SIGNATURE:	/William J. McNamara/
DATE SIGNED:	01/09/2017

#### **Total Attachments: 3**

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> **PATENT REEL: 040895 FRAME: 0048** 504168579

For good and valuable co	nsideration, of which I/v	ve acknowledge receipt, I/we as a below-name	ed Assignor(s), hereby sell,
and assign, and transfer the	ne entire and exclusive r	ight, title, and interest in the following to Kon	inklijke Philips N.V., having
a place of business at Hig	h Tech Campus 5,5656 .	AE, Eindhoven, the Netherlands, its successor	rs, assigns, and legal
representatives, including	any nominees (collective	vely "the Assignee") my/our invention for whi	ich an application:
is executed concurren	tly herewith		
was executed by me/u	s on	(1623-623-6246-6236-2366-62462-623-6246	
was filed on	, ha	ving a Serial No	******
was filed on. 01 Jun 7	015, having an Internati	ional Application No. PCT/EP2015/062145,	
and all rights in and to sa	id application, and all ot	her United States, foreign and international pa	itent applications associated
	,	refrom including, but not limited to, any and a	*
		ns-in-part, re-examinations, reissues, and exte	
	I the entire and exclusive	e right, title, and interest in and to any and all	patents granted on these
applications.			
I/We authorize and reque	st that the Patent Office	officials in the United States and in any and a	ll foreign countries to issue
any and all Letters Patent	when granted, solely to	the Assignee(s), for its sole use, and that of it	s successors, assigns, and
legal representatives.			
I/We will provide my/our	cooperation to enable the	he Assignee to enjoy the foregoing right, title,	and interest to the fullest
extent. Upon request at t	he expense of the Assigr	nee, I/we agree to execute all papers, take all r	ightful oaths, testify in all
legal proceedings includi	ng patent prosecution ac	tions and infringement actions, and do all oth	er such acts which may be
necessary, desirable, or o	onvenient for securing a	nd maintaining patents on the foregoing inver	ition or for perfecting title
thereto in the Assignee.			
I/We certify that I/we have	e the full right to conve	y the above rights.	
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Date	(print name here)	Onno Jan WIMMERS	, Assignor
	(sign name here)		

Page 1 of 1

(print name here)

(sign name here) (print name here) Johannes Wilhelmus Maria JACOBS

Jacques Jules VAN OEKEL

Date

Date

, Assignor

, Assignor

For good and valuable cor	nsideration, of which I/w	e acknowledge receipt, I/we as a	below-named Assignor(s), hereby sell,
and assign, and transfer th	e entire and exclusive ri	ght, title, and interest in the follow	ving to Koninklijke Philips N.V., having
a place of business at High	h Tech Campus 5,5656 /	XE, Eindhoven, the Netherlands, i	ts successors, assigns, and legal
representatives, including	any nominees (collective	ely "the Assignee") my/our inven	tion for which an application:
is executed concurrent	ly herewith		
was executed by me/u	•	?*************************************	
		ring a Serial No	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
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and all rights in and to sai	d application, and all off	er United States, foreign and inte	rnational patent applications associated
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provisionals divisions, co	ntinuations, continuation	s-in-part, re-examinations, reissu	es, 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.			
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I/We will provide my/our	cooperation to enable th	e Assignee to enjoy the foregoing	right, title, and interest to the fullest
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		**	d do all other such acts which may be
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thereto in the Assignce.			
I/We certify that I/we hav	e the full right to convey	the above rights.	
	(sign name here)		
Date	(print name here)	Onno Jan WIMMERS	, Assignor
24 Jane 2015	(sign name here)		Hard
Daie Daie	(print name here)	Johannes Wilhelmus Maria J	COBS / Assign8r

Page 1 of 1

Jacques Jules VAN OEKEL

(sign name here) (print name here)

Date

, Assignor

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

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		AE, Eindhoven, the Netherlands, its successo	•
representatives, me	nuung any nominees (conecui	vely "the Assignee") my/our invention for wh	ica an appiicanon:
is executed con			
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		ving a Serial No	· · · · · · · · · · · · · · · · · · ·
⊠ was filed on. 01	Jun 2015, having an Internati	ional Application No. PCT/EP2015/062145,	
and all rights in an	f to said application, and all of	her United States, foreign and international pa	atent applications associated
therewith, based th	ereon, or claiming priority thes	refrom including, but not limited to, any and a	ill provisionals, non-
provisionals divisionals	ons, continuations, continuation	ns-in-part, re-examinations, reissues, and exte	nsions thereof, and the right to
claim priority there applications.	to, and the entire and exclusive	e right, title, and interest in and to any and all	patents granted on these
	Patent when granted, solely to	officials in the United States and in any and a the Assignee(s), for its sole use, and that of it	
extent. Upon requi	est at the expense of the Assign naluding patent prosecution ac e, or convenient for securing a	he Assignee to enjoy the foregoing right, title, see, I/we agree to execute all papers, take all it tions and infringement actions, and do all oth and maintaining patents on the foregoing inverted.	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.	
	(sign name here)		
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Date	(sign name here)	Johannes Wilhelmus Maris IACOBS	A animona
Crane	(print name here)		, Assignor
M. January L	CIJ (sign name here)	// // // // // // // // // // // // //	
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RECORDED: 01/09/2017

**PATENT** REEL: 040895 FRAME: 0051