## 504392233 06/01/2017

# **PATENT ASSIGNMENT COVER SHEET**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
OLEXANDR VALENTYNOVYCH VDOVIN	05/24/2017
BART KROON	11/22/2015
MARK THOMAS JOHNSON	11/22/2016
EIBERT GERJAN VAN PUTTEN	12/05/2016

## **RECEIVING PARTY DATA**

Name:	KONINKLIJKE PHILIPS N.V.
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City:	EINDHOVEN
State/Country:	NETHERLANDS
Postal Code:	5656AE

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15532131

### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	2014P01763WOUS
NAME OF SUBMITTER:	MARIANNE FOX
SIGNATURE:	/marianne fox/
DATE SIGNED:	06/01/2017

**Total Attachments: 4** 

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> PATENT REEL: 042557 FRAME: 0167

Date

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 Ko	
		AE, Eindhoven, the Netherlands, its success	
representatives, includir	ig any nominees (collectiv	ely "the Assignee") my/our invention for w	hich an application:
proceed			
is executed concurre	-		
	/us on		
		ving a Serial No.	
was filed on. 21 Dec	2015, having an Internati	onal Application No. PCT/EP2015/080839	9
and all rights in and to s	aid application, and all otl	her United States, foreign and international p	patent applications associated
therewith, based thereor	ı, or claiming priority ther	efrom including, but not limited to, any and	all provisionals, non-
		ns-in-part, re-examinations, reissues, and ext	
		e right, title, and interest in and to any and a	
applications.			
I/We authorize and requ	est that the Patent Office	officials in the United States and in any and	all furnism appretries to inser-
		the Assignee(s), for its sole use, and that of	
legal representatives.	it with Brancher solver in	me Assignee(s), for its soile use, and mat or	its successors, assigns, and
Togal Top Too District Co.			·
I/We will provide my/ou	ur cooperation to enable th	e Assignee to enjoy the foregoing right, title	e, and interest to the fullest
		ee, I/we agree to execute all papers, take all	
		tions and infringement actions, and do all of	
		nd maintaining patents on the foregoing inve	
thereto in the Assignee.	_		f
*			
I/We certify that I/we ha	ive the full right to convey	the above rights.	
			;
24.08.2017	(sign name here)		
Date	(print name here)	Olexandr Nalentynovych VDOVIN	Aggiona
	Sum muno nores	Oreward A world market after a fig.	, Assignor
Date	(print name here)	Bart KROON	, Assignor
Date	(print name here)	Mark Thomas JOHNSON	, Assignor
			÷.

Page 1 of 1

(print name here)

Eibert Gerjan VAN PUTTEN

, Assignor

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

<b></b>		ight, title, and interest in the following to Kor	· · · · · · · · · · · · · · · · · · ·
7	•	AE, Eindhoven, the Netherlands, its successorely "the Assignee") my/our invention for wh	-
representatives, mer	dung any nonunces (concen-	the Assignee j myour inventor for wi	иси ви аррисанон.
is executed conc	urrently herewith		
was executed by	me/us on	***************************************	
was filed on	, ha	ving a Serial No	)*O*O
was filed on. 21	Dec 2015, having an Internati	onal Application No. PCT/EP2015/080839,	
and all rights in and	to said application, and all of	her United States, foreign and international p	atent applications associated
-		refrom including, but not limited to, any and	<del>" -</del>
		ns-in-part, re-examinations, reissues, and exte	
claim priority theret	o, and the entire and exclusiv	e right, title, and interest in and to any and all	patents granted on these
applications.			
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		officials in the United States and in any and that a fi	-
any and all Leners i		the Assignee(s), for its sole use, and that of it	ts successors, assigns, and
regar representatives	<b>.</b>		
I/We will provide m	ny/our cooperation to enable t	he Assignee to enjoy the foregoing right, title	, and interest to the fullest
-	*	nee, I/we agree to execute all papers, take all	
legal proceedings in	cluding patent prosecution ac	tions and infringement actions, and do all otl	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	nee.		
I/We certify that I/w	ve have the full right to conve	y the above rights.	
	(sign name here)		
Date	(print name here)	Olexandr Valentynovych VDOVIN	, Assignor
11/12/2016			
Date	(print name here)	Bart KROON	, Assignor
Date	(print name here)	Mark Thomas JOHNSON	, Assignor
	,		
Date	(print name here)	Eibert Gerjan VAN PUTTEN	, Assignor

Page 1 of 1

PATENT REEL: 042557 FRAME: 0169

Date

Date

-		ve acknowledge receipt, I/we as a below-nam ight, title, and interest in the following to Kor	
		AE, Eindhoven, the Netherlands, its successo	
-		vely "the Assignee") my/our invention for wh	· · · · · · · · · · · · · · · · · · ·
is executed conc	urrently herewith		
was executed by	me/us on		
was filed on	, ha	ving a Serial No	146)46)
was filed on. 21	Dec 2015, having an Internati	ional Application No. PCT/EP2015/080839,	
and all rights in and	to said application, and all of	her United States, foreign and international p	atent applications associated
therewith, based the	reon, or claiming priority ther	refrom including, but not limited to, any and	all provisionals, non-
provisionals division	ns, continuations, continuation	ns-in-part, re-examinations, reissues, and exte	ensions thereof, and the right to
claim priority theret	o, and the entire and exclusive	e right, title, and interest in and to any and all	patents granted on these
applications.			
I/We authorize and	request that the Datent Office	officials in the United States and in any and a	Il foreira constriecto icena
	•	the Assignee(s), for its sole use, and that of i	<del>"</del>
legal representatives		the resignous control and the or r	so subsection addigital alla
	•	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	ntion or for perfecting title
thereto in the Assign	nee.		
I/We certify that I/w	e have the full right to conve	y the above rights.	
	(sign name here)		
Date	(print name here)	Olexandr Valentynovych VDOVIN	, Assignor
		70	
Date	(print name here)	Bart KROON	, Assignor

Page 1 of 1

Mark Thomas JOHNSON

Eibert Gerjan VAN PUTTEN

(print name here)

(print name here)

PATENT REEL: 042557 FRAME: 0170

, Assignor

, Assignor

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

a place of business	at High Tech Campus 5,5656	ght, title, and interest in the following to Kor AE, Eindhoven, the Netherlands, its successorely "the Assignee") my/our invention for wh	ors, assigns, and legal
was filed on	y me/us on, ha	ving a Serial Noonal Application No. PCT/EP2015/080839,	
therewith, based the provisionals division	ereon, or claiming priority ther	ner United States, foreign and international perform including, but not limited to, any and as-in-part, re-examinations, reissues, and exteright, title, and interest in and to any and al	all provisionals, non- ensions thereof, and the right to
	Patent when granted, solely to	officials in the United States and in any and the Assignee(s), for its sole use, and that of	
extent. Upon requiregal proceedings in necessary, desirable thereto in the Assignment.	est at the expense of the Assign neluding patent prosecution ac e, or convenient for securing a	ne 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 and maintaining patents on the foregoing inver-	rightful oaths, testify in all her such acts which may be
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	(sign name here)		
Date	(print name here)	Olexandr Valentynovych VDOVIN	, Assignor
Date	(print name here)	Bart KROON	, Assignor
Date	(print name here)	Mark Thomas JOHNSON	, Assignor
5/0 <i>EC</i> /2 <i>0</i> 1/ Date	(print name here)	Eibert Gerjan VAN PUTTEN	, Assignor

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