503801526 04/27/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHANNES GERRIT JAN BEIJER	11/21/2014
BERTRAND JOHAN EDWARD HONTELE	11/18/2014
PATRICK ALOUISIUS MARTINA DE BRUYCKER	11/18/2014

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:	15032385

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	2013P01637WOUS
NAME OF SUBMITTER:	GIGI MILLER
SIGNATURE:	/GiGi Miller/
DATE SIGNED:	04/27/2016

Total Attachments: 3

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PATENT 503801526 REEL: 038393 FRAME: 0202

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 successo	
	·-	vely "the Assignee") my/our invention for wl	
is executed con	ncurrently herewith		
was executed l	by me us on	онононенновымиче <u>ния</u>	
		ving a Serial No	
was filed on. 2	2 Oct 2014, having an Internati	ional Application No. PCT/EP2014/072660,	
and all rights in ar	nd to said application, and all ot	her United States, foreign and international p	atent applications associated
therewith, based th	hereon, or claiming priority the	refrom including, but not limited to, any and	all provisionals, non-
provisionals divisi	ions, continuations, continuation	ns-in-part, re-examinations, reissues, and exte	ensions thereof, and the right to
- · · · · · · · · · · · · · · · · · · ·	eto, and the entire and exclusiv	e right, title, and interest in and to any and all	patents granted on these
applications.			
I/We authorize an	d request that the Patent Office	officials in the United States and in any and	all foreign countries to issue
any and all Letters	s Patent when granted, solely to	the Assignee(s), for its sole use, and that of i	ts successors, assigns, and
legal representativ	es.		
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 requ	est at the expense of the Assign	nee, I/we agree to execute all papers, take all	rightful oaths, testify in all
legal proceedings	including patent prosecution ac	tions and infringement actions, and do all oth	er such acts which may be
necessary, desirab	le, 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.	
21-11-2014	(sign name here)		
Date	(print name here)	Johannes Gerrit Jan BEIJER	, Assignor
	(sign name here)		
Date	*******	Bertrand Johan Edward HONTELE	***************************************
	(print name here)	De name summe en al elemente elem	, Assignor
	(print name here) (sign name here)	Mittand strang Edward HONTELE	, Assignor
Date		Patrick Alouisius Martîna	, Assignor , 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,

a place of business at	High Tech Campus 5,5656	ight, title, and interest in the following to Kor AE, Eindhoven, the Netherlands, its successovely "the Assignee") my/our invention for wh	ers, assigns, and legal
is executed concu	Tently herewith		
was executed by n	neius on	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
was filed on	, ha	ving a Serial No	10101
was filed on. 22 O	et 2014, having an Internati	ional Application No. PCT/EP2014/072660,	
therewith, based there provisionals divisions	on, or claiming priority the continuations, continuation	her United States, foreign and international prefrom including, but not limited to, any and ansin-part, re-examinations, reissues, and externing 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 legal proceedings incl	at the expense of the Assign luding patent prosecution ac or convenient for securing a	he Assignee to enjoy the foregoing right, title nee, I/we agree to execute all papers, take all titions and infringement actions, and do all oth and maintaining patents on the foregoing invest	rightful oaths, testify in all ter such acts which may be
I/We certify that I/we	have the full right to conve	y the above rights.	
	(sign name here)		
Date	(print name here)	Johannes Gerrit Jan BEIJER	, Assignor
			, , , , , , , , , , , , , , , , , , , ,
18/11/2019 Date	(sign name here)	<u> </u>	
Date *	(print name here)	Bertra pid J ohan Edward HONTELE	, Assignor
	(sign name here)		
Date	(print name here)	Patrick Alouisius Martina DE BRUYCKER	, Assignor

Page 1 of %

PATENT REEL: 038393 FRAME: 0204 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	t High Tech Campus 5,5656	right, title, and interest in the following to Kon AE, Eindhoven, the Netherlands, its successor ively "the Assignee") my/our invention for whi	s, assigns, and legal
was filed on	me'ns on, h	aving a Serial Notional Application No. PCT/EP2014/072660,	•••••
therewith, based ther provisionals division	eon, or claiming priority the s, continuations, continuation	ther United States, foreign and international pacterfrom including, but not limited to, any and a ons-in-part, re-examinations, reissues, and exterve right, title, and interest in and to any and all	ll provisionals, non- nsions thereof, and the right to
	atent when granted, solely to	e officials in the United States and in any and a to the Assignee(s), for its sole use, and that of it	-
extent. Upon reques legal proceedings inc	t at the expense of the Assig cluding patent prosecution a or convenient for securing	the Assignee to enjoy the foregoing right, title, mee, I/we agree to execute all papers, take all retions and infringement actions, and do all other and maintaining patents on the foregoing inventions.	ightful oaths, testify in all er such acts which may be
I/We certify that I/w	e have the full right to conve	ey the above rights.	
	(sign name here)		
Date	(print name here)	Johannes Gerrit Jan BEIJER	, Assignor
	(sign name here)		
Date	(print name here)	Bertrand Johan Edward HONTELE	, Assignor
/8-ss-2c)ss	(sign name here)		
Date	(print name here)	Patrick Alouisius Martina DE BRUYCKER	, Assignor

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PATENT REEL: 038393 FRAME: 0205