PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3537920

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
IGOR BEREZHNYY	04/14/2015
PEDRO MIGUEL FONSECA	03/03/2015
ADRIENNE HEINRICH	09/22/2015
REINDER HAAKMA	02/24/2015

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:	14435319

CORRESPONDENCE DATA

Fax Number: (914)332-0615

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: 914-945-6000

Email: barbara.kinney@philips.com

Correspondent Name: PHILIPS INTELLECTUAL PROPERTY & STANDARD

Address Line 1: P.O. BOX 3001

Address Line 4: BRIARCLIFF MANOR, NEW YORK 10510

ATTORNEY DOCKET NUMBER:	2012P00409WOUS
NAME OF SUBMITTER:	EDWARD W. GOODMAN
SIGNATURE:	/Edward W. Goodman/
DATE SIGNED:	09/23/2015

Total Attachments: 4

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PATENT 503491295 REEL: 036628 FRAME: 0613

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PATENT REEL: 036628 FRAME: 0614 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 Hi	gh Tech Campus 5,5656	ight, title, and interest in the following AE, Eindhoven, the Netherlands, its st vely "the Assignee") my/our invention	iccessors, assims, and leant
was filed on	ad ,and and an	ving a Serial No. ional Application No. PCT/IB2013/85	
therewith, based thereon provisionals divisions, co	, or claiming priority the ontinuations, continuation	her United States, foreign and internative refrom including, but not limited to, and in- ns-in-part, re-examinations, reissues, and re- e right, title, and interest in and to any	y and all provisionals, non- nd extensions thereof and the dala to
I/We authorize and requiance and all Letters Paten legal representatives.	est that the Patent Office t when granted, solely to	officials in the United States and in an the Assignec(s), for its sole use, and th	y and all foreign countries to issue nat of its successors, assigns, and
legal proceedings includi	he expense of the Assigning patent prosecution ac	ne Assignee to enjoy the foregoing right see, I/we agree to execute all papers, ta tions and infringement actions, and do nd maintaining patents on the foregoin	ke all rightful outlis, testify in all
VWe certify that Vwe ha	ve the full right to conve	the above rights.	
<u>[4_04_2015]</u> Date	(sign name here) (print name here)	TEON BEREZHAY	, Assignor
Date	(print name here)	Podra Migual FONSECA	. Assignor
Date	(prim name here)	Adricane HEINRICH	, Assignor
Date	(print name here)	Reinder HAAKMA	, Assignor

Page 1 of 1

	ster the entire and exclusive at High Tech Campus 5,565	6 AE, Eindhoven, the Netherlands, its	ng to Koninklijke Philips N.V., having successors, assigns, and legal
representatives, mol	uding any nominees (collec-	tively "the Assignee") my/our inventi-	on for which an application:
is executed conc	urrently herewith	Manager and the second	
was filed on	§ h	aving a Serial No	en-contractive contractive
was filed on. 04	Nov 2013, having an Interne	ational Application No. PCT/IB2013/	959892,
therewith, based the provisionals division	reon, or claiming priority th us, continuations, continuation	other United States, foreign and internerefrom including, but not limited to, ons-in-part, re-examinations, reissues, ve right, title, and interest in and to an	any and all provisionals, non- and extensions thereof, and the right to
VWe authorize and r any and all Letters P legal representatives	atent when granted, solely to	e officials in the United States and in a o the Assignee(s), for its sole use, and	my and all foreign countries to issue that of its successors, assigns, and
extent. Upon reques legal proceedings inc	t at the expense of the Assig cluding patent prosecution a or convenient for securing a	the Assignee to enjoy the foregoing ri mee, I/we agree to execute all papers, ctions and infringement actions, and d and maintaining patents on the foregoi	take all rightful oaths, testify in all o all other 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)	iger BEREZHNYY	, Assignor
73 - 64 - 15 Date		Pedro Miguel FONSECA	
Date	(print name here)	Pedro Miguel FONSECA	, Assignor
Date	(print name here)	Adrience HEINRICH	, Assignor

Page 1 of 1

and assign, and to a place of business	ransfer the entire and exclusive r as at High Tech Campus 5,5656	ve acknowledge receipt, I/we as a belowight, title, and interest in the following to AE, Eindhoven, the Netherlands, its suc	o Koninklijke Philips N.V., having cessors, assigns, and legal
representatives, r	neraemil and nominees feetiectiv	vely "the Assignee") my/our invention (or winch an application:
is executed eq	oncurrently herewith		
	by me/us on		
		ving a Scrial No	
was filed on.	04 Nov 2013, having an Internat	ional Application No. PCT/IB2013/059	892,
therewith, based provisionals divi	thereon, or claiming priority then sions, continuations, continuation	her United States, foreign and internation of the continuity of th	and all provisionals, non- I extensions thereof, and the right to
	es Patent when granted, solely to	officials in the United States and in any the Assignee(s), for its sole use, and the	
extent. Upon reclegal proceeding necessary, desira thereto in the As	quest at the expense of the Assign is including patent prosecution ac able, or convenient for securing a	he Assigned to enjoy the foregoing right nee, I/we agree to execute all papers, tak tions and infringement actions, and do and maintaining patents on the foregoing y the above rights.	e all rightful oaths, testify in all Il other such acts which may be
	(sign name here)		
Date	(print name here)	igor BEREZHNYY	, Assignor
Date	(print name here)	Pedro Miguel FONSECA	, Assignor
<u> 22-9-2015</u> Date		A.HCC Q	
Date	(print name here)	Adrienne HEINRICH	, Assignor
Date	(print name here)	Reinder HAAKMA	, Assignor
		Dans 1 of 1	

PATENT

REEL: 036628 FRAME: 0617

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

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. Live 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. Live certify that I/we have the full right to convey the above rights. (sign name here) Date (print name here) Pedro Miguel FONSECA , Assignor	representatives, incl	uding any nominees (collect	tively "the Assignee") my/our invention	for which an application:
was filed on				
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. (sign name here) Date (print name here) Pedro Miguel FONSECA , Assignor Assignor Assignor	was filed on	, h	aving a Serial No	
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. (sign name here) Date (print name here) Igor BEREZHNYY , Assignor Date (print name here) Pedro Miguel FONSECA , Assignor Adrienne HEINRICH , Assignor	therewith, based the provisionals division claim priority theret	reon, or claiming priority the us, continuations, continuation	erefrom including, but not limited to, an ons-in-part, re-examinations, reissues, a	y and all provisionals, non- nd extensions thereof, and the right to
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. (sign name here) Date (print name here) Igor BEREZHNYY , Assignor Date (print name here) Pedro Miguel FONSECA , Assignor Date (print name here) Advience HEINRICH , Assignor	any and all Letters P	atent when granted, solely to	e officials in the United States and in an o the Assignee(s), for its sole use, and th	y and all foreign countries to issue nat of its successors, assigns, and
Date (print name here) Igor BEREZHNYY , Assignor Date (print name here) Pedro Miguel FONSECA , Assignor Date (print name here) Adrienne HEINRICH , Assignor	extent. Upon reques legal proceedings in necessary, desirable, thereto in the Assign	it at the expense of the Assig cluding patent prosecution a or convenient for securing a see.	mee, I/we agree to execute all papers, ta ctions and infringement actions, and do and maintaining patents on the foregoin	ke all rightful oaths, testify in all all all other such acts which may be
Date (print name here) Pedro Miguel FONSECA , Assignor Date (print name here) Adrienne HEINRICH , Assignor Terrary 14 266		(sign name here)		
Date (print name here) Adrienne HEINRICH , Assignor Tebruary 24, 200	Date		Igor BEREZHNYY	, Assignor
February 24, 2015 R. Husakerm	Date	(print name here)	Pedro Miguel FONSECA	, Assignor
Terrugy 24, 2015 Reinder HAAKMA , Assignor	Date	(print name here)	Adrienne HEINRICH	, Assignor
O (min pare nerg) Reinder HAAKIMA , Assignor	Fernary 24.	205	- R-Mayon	
	e e	Charter Mossie Held)	AWARAH TUBBA	, Assignor

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