504192396 01/24/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4239071

SUBMISSION TYPE:			NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY	DATA				
			Name		Execution Date
CONSTANT PAUL MARIE JOZEF BAG			GGEN		02/16/2016
PAUL HENRICUS JOH	HANNES M	/ARIA	VAN VOORTHUISEN		09/16/2015
ERIC WITBERG					05/21/2014
HONGMING YANG					05/22/2014
	ΔΤΔ				
Name:		S LIG	HTING HOLDING B.V.		
Street Address:			CAMPUS 45		
City:	EINDH				
State/Country:	NETH				
Postal Code:	5656 A				
Application Number:1478		14785	5420		
PROPERTY NUMBER Property Typ			Number		
Application Number:		1478	0420		
CORRESPONDENCE	DATA				
Fax Number:		(914):	332-0615		
			e-mail address first; if that is uns		
Phone:	•	•	at is unsuccessful, it will be sen 95-9516	it via US M	all.
Email:			rocca@philips.com		
Correspondent Name	:		PS INTELLECTUAL PROPERTY	& STANDA	RD
•		COLUMBUS AVENUE			
Address Line 2:					
Address Line 4:					
ATTORNEY DOCKET NUMBER: 20		2012P00201WOUS			
AME OF SUBMITTER: MEENAKSHY CHAKRAVORTY					
SIGNATURE: /Meenakshy Chakravorty/					
DATE SIGNED:		01/24/2017			
Total Attachments: 4					
source=2012P00201W0	_				
source=2012P00201W0					

ASSIGNMENT

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 representatives, including any nontinees (collectively "the Assignee") my/our invention for which an application:

is executed concurrently herewith
was executed by me/us on
was filed on
🔀 was filed on. 10 Apr 2014, having an International Application No. PCT/IB2014/060615,

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, nonprovisionals 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 Assignce, 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.

16-7-7911	(sign name here)	JAM -	
Date	(print name here)	Constan Paul Marie Jozef BAGGEN	, Assignor
	(sign name here)		
Date	(print name here)	Paul Henricus Johannes Maria	, Assignor
		VAN VOORTHUISEN	
	(sign name here)		
Date	(print name here)	Erik WITBERG	, Assignor
	(sign name here)		
Date	(print name here)	Hongming YANG	, Assignor

Page 1 of 1

ASSIGNMENT

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 representatives, including any nominees (collectively "the Assignee") my/our invention for which an application:

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, nonprovisionals divisions, continuations, continuations-in-part, re-examinations, relasues, 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)	Constant Paul Marie Jozef BACGEN	, Assignor
16-09-2015	(sign name here)	Malum	
Date J	(print name here)	Paul Henricus Johannes Maria VXN VOORTHUISEN	, Assigner
	(sign name here)	х	
Date	(print name here)	Erik WITBERG	, Assignor
	(sign name here)		
Date	(print name here)	Hongming YANG	, Assignor

Page 1 of 1

ASSIGNMENT

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 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. 10 Apr 2014, having an International Application No. PCT/IB2014/060615,

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, nonprovisionals 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 Assignce.

I/We certify that I/we have the full right to convey the above rights.

	(sign name here)	<i>₩</i>	
Date	(print name here)	Constant Paul Marie Jozef BAGGEN	, Assignor
	(sign name here)		
Date	(print name here)	Paul Henricus Johannes Maria VAN VOORTHUISEN	, Assignor
<u></u>	(sign name here) (print name here)	Erik WITBERG	, Assignor
	(sign name here)		
Date	(print name here)	Hongming YANG	, Assignor

Page 1 of 1

ASSIGNMENT

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 representatives, including any nominees (collectively "the Assignee") my/our invention for which an application:

\square	is e:	seculed concurrently herewith
\square	was	executed by me/us on
\square	was	filed on
\boxtimes	was	filed on. 10 Apr 2014, having an International Application No. PCT/IB2014/060615,

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, nonprovisionals 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.

VWe certify that I/we have the full right to convey the above rights.

	(sign name here)		
Date	(print name here)	Constant Paul Marie Jozef BAGGEN	, Assignor
	(sign name here)		
Date	(print name here)	Paul Henricus Johannes Maria VAN VOORTHUISEN	, Assignor
	(sign name here)		
Date	(print name here)	Erik WITDERC	, Assignor
22/05/14	(sign name here)	yorg Hor	
Date	(print name here)	Hongming VANG	, Assignor

RECORDED: 01/24/2017