# 503683084 02/05/2016 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3729720

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
GIANLUCA MONACI	09/15/2014
REMCO THEODORUS JOHANNES MUIJS	09/17/2014
HARRY BROERS	09/22/2014
PETRUS JOHANNES ARNOLDUS HUBERTUS KUYTEN	09/08/2014
DANIEL MAARTIN GORGEN	08/22/2014
TIM CORNEEL WILHELMUS SCHENK	08/22/2014
MUHAMMAD SHOAIB	08/26/2014

# **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:	14910636

## CORRESPONDENCE DATA

Fax Number:(914)332-0615Correspondence 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:	•	945-6000		
Email:	Email: jo.cangelosi@philips.com			
Correspondent Name:	PHIL	PS INTELLECTUAL PROPERTY & STANDARD		
Address Line 1:	dress Line 1: P.O. BOX 3001			
Address Line 4:	ess Line 4: BRIARCLIFF MANOR, NEW YORK 10510			
ATTORNEY DOCKET NUMB	ER:	2013P00535WOUS		
NAME OF SUBMITTER:		DANIEL J. PIOTROWSKI		
SIGNATURE:		/DANIEL J. PIOTROWSKI/		
DATE SIGNED:		02/05/2016		

Total Attachments: 7	
source=2013P00535WOUS_ASSIGNMENT#page1.tif	
source=2013P00535WOUS_ASSIGNMENT#page2.tif	
source=2013P00535WOUS_ASSIGNMENT#page3.tif	
source=2013P00535WOUS_ASSIGNMENT#page4.tif	
source=2013P00535WOUS_ASSIGNMENT#page5.tif	
source=2013P00535WOUS_ASSIGNMENT#page6.tif	
source=2013P00535WOUS_ASSIGNMENT#page7.tif	

### 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, 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.

15-Sent-2014	(sign name here)	Gohn MC	
Date	(print name here)	Gianluca MONACI	, Assignor
Date	(print name here)	Remco Theodorus Johannes MUIJS	, Assignor
Date	(print name here)	Harry BROERS	, Assignor
Date	(print name here)	Petrus Johannes Arnoldus Hubertus KUYTEN	, Assignor
Date	(print name here)	Daniel Martin GÖRGEN	, Assignor
Date	(print name here)	Tim Corneel Wilbelmus SCHENK	, Assignor
Date	(print name here)	Muhammad SHOAIB	, Assignor

### 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, 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)	Gianluca MONACI	, Assignor
<i>17_1°44_1%201.</i> 5 Date	(print name here)	Remco Theodorus Johannes MULIS	Assignor
Date	(print name here)	Harry BROERS	, Assignor
Date	(print name here)	Petrus Johannes Arnoldus Hubertus KUYTEN	, Assignor
Date	(print name here)	Daniel Martin GÖRGEN	, Assignor
Date	(print name here)	Tim Corneel Wilhelmus SCHENK	, Assignor
Date	(print name here)	Muhammad SHOAIB	, Assignor

### 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 e	executed co	ncurrently herewith
	wa	s executed	by me/us on
	wa	s filed on.	
$\boxtimes$	wa	s filed on. I	22 Aug 2014, having an International Application No. PCT/IB2014/064020,

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.

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

	(sign name here)		
Date	(print name here)	Gianluca MONACI	, Assignor
Date	(print name here)	Remco Theodorus Johannes MUIJS	, Assignor
Date 22-09-2014	(print gauge here)	Harry BROERS	, Assignor
Date	(print name here)	Petrus Johannes Arnoldus Hubertus KUYTEN	, Assignor
Date	(print name here)	Daniel Martin GÖRGEN	, Assignor
Date	(print name here)	Tim Corneel Wilhelmus SCHENK	, Assignor
Date	(print name here)	Muhammad SHOAIB	, Assignor

#### 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, 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)	Gianluca MONACI	, Assignor
Date	(print name here)	Remco Theodorus Johannes MUUS	Assignor
Date	(print name here)	Harry BROERS	, Assignor
Date Vie	(gruat name here)	Petrus Johannes Arnoldus Hubertus KUYTEN	, Assignor
Date	(print name here)	Daniel Martin GÖRGEN	, Assignor
Date	(print name here)	Tim Corneel Wilhelmus SCHENK	, Assignor
Date	(print name here)	Muhammad SHOAIB	, Assignor

### 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 ......, having a Serial No.
was filed on. 22 Aug 2014, having an International Application No. PCT/IB2014/064020,

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.

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

	(sign name here)		
Date	(print name here)	Gianluca MONACI	, Assignor
Date	(print name here)	Remco Theodorus Johannes MULIS	, Assignor
Date	(print name here)	Harry BROERS	, Assignor
Date	(print name here)	Petrus Johannes Arnoldus Hubertus KUYTEN	, Assignor
22/08/2014 Date	(print name here)	Daniel Martin GORGEN	, Assignor
Date	(print name here)	Tim Corneel Wilhelmus SCHENK	, Assignor
Date	(print name here)	Muhammad SHOAIB	, Assignor

### 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 nominces (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, 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)	Gianluca MONACI	, Assignor
Date	(print name here)	Remco Theodorus Johannes MUIJS	Assignor
Date	(print name here)	Harry BROERS	, Assignor
Date	(print name here)	Petrus Johannes Arnoldus Hubertus KUYTEN	, Assignor
Date 22/8/2014	(print name here) Schenk	Daniel Martin GÖRGEN	, Assignor
Date	(print name here)		, Assignor
Date	(print name here)	Muhammad SHOAIB	* Assignor

#### 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 e:	xecuted co	currently herewith
	was	executed	y me/us on
	was	filed on.	
$\boxtimes$	was	filed on.	2 Aug 2014, having an International Application No. PCT/IB2014/064020,

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.

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

	(sign name here)		
Date	(print name here)	Gianluca MONACI	Assignor
Date	(print name here)	Remco Theodorus Johannes MUIJS	, Assignor
Date	(print name here)	Harry BROERS	Assignor
Date	(print name here)	Petrus Johannes Arnoldus Hubertus KUVTEN	, Assignor
Date	(print name here)	Daniel Martin GÖRGEN	, Assignor
Date 26/08/2014	(print name here)	Tim Corneel Wilhelmus SCHENK	, Assignor
Date	(print name here)	Muhammad SHOAIB	, Assignor

# PATENT REEL: 037679 FRAME: 0327

## **RECORDED: 02/05/2016**