# **PATENT ASSIGNMENT COVER SHEET**

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4830295

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JOHAN PRAGT	04/03/2015
WOUTER VAN KEMPEN	03/26/2015
ROBERT ALEXANDER VAN EIBERGEN SANTHAGENS	03/25/2015
TAREK ZEINEL-DIN	12/20/2017

## **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:	14904976

### **CORRESPONDENCE DATA**

**Fax Number:** (914)495-9540

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:** 914-495-9521

**Email:** debbie.henn@Philips.com

Correspondent Name: PHILIPS INTELLECTUAL PROPERTY & STANDARD

Address Line 1: 465 COLUMBUS AVENUE

Address Line 2: SUITE 340

Address Line 4: VALHALLA, NEW YORK 10595

ATTORNEY DOCKET NUMBER:	2013P00645WOUS
NAME OF SUBMITTER:	KATHLEEN A. ASHER
SIGNATURE:	/Kathleen A. Asher/
DATE SIGNED:	02/20/2018

# **Total Attachments: 4**

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PATENT REEL: 044971 FRAME: 0813

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, having a Serial No
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 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.

Page 1 of 1

Robert Alexander VAN EIBERGEN SANTHAGENS

Johan PR

Wouter VAN KEMPEN

Tarek ZEINEL-DIN

(sign name here) (print name here)

(print name here)

(print name here)

(print name here)

Date

Date

Date

, Assignor

, Assignor

, Assignor

, Assignor

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

1015-03-26 Wale only.	ilips N.V., having
is executed concurrently herewith  was executed by me/us on	
was filed on	Catton:
was filed on	
■ was filed on. 16 Jul 2014, having an International Application No. PCT/EP2014/065212,  and all rights in and to said application, and all other United States, foreign and international patent applicat therewith, based thereon, or claiming priority therefrom including, but not limited to, any and all provisional provisionals divisions, continuations, continuations-in-part, re-examinations, reissues, and extensions there claim priority thereto, and the entire and exclusive right, title, and interest in and to any and all patents grant applications.  I/We authorize and request that the Patent Office officials in the United States and in any and all foreign corany and all Letters Patent when granted, solely to the Assignee(s), for its sole use, and that of its successors, legal representatives.  I/We will provide my/our cooperation to enable the Assignee to enjoy the foregoing right, title, and interest extent. Upon request at the expense of the Assignee, I/we agree to execute all papers, take all rightful oaths legal proceedings including patent prosecution actions and infringement actions, and do all other such acts or necessary, desirable, or convenient for securing and maintaining patents on the foregoing invention or for pathereto in the Assignee.  I/We certify that I/we have the full right to convey the above rights.	
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therewith, based thereon, or claiming priority therefrom including, but not limited to, any and all provisional provisionals divisions, continuations, continuations-in-part, re-examinations, reissues, and extensions thereo claim priority thereto, and the entire and exclusive right, title, and interest in and to any and all patents grant applications.  I/We authorize and request that the Patent Office officials in the United States and in any and all foreign corany and all Letters Patent when granted, solely to the Assignee(s), for its sole use, and that of its successors, legal representatives.  I/We will provide my/our cooperation to enable the Assignee to enjoy the foregoing right, title, and interest extent. Upon request at the expense of the Assignee, I/we agree to execute all papers, take all rightful oaths legal proceedings including patent prosecution actions and infringement actions, and do all other such acts or necessary, desirable, or convenient for securing and maintaining patents on the foregoing invention or for pathereto 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)  Johan PRAGT , A	
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2015-03-26 Wale on Kyn.	
	Assignor
Date (print name here) Wouter VAN KEMPEN , A	Assignor
Date (print name here) Robert Alexander VAN EIBERGEN SANTHAGENS , A	Assignor
Date (print name here) Tarek ZEINEL-DIN , A	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, and assign, and transfer the entire and exclusive right, title, and interest in the following to Koninklijke Philips N.V., having

U.S.A. Sole/Joint

		i656 AE, Eindhoven, the Netherlands, its successors, assignee lectively "the Assignee") my/our invention for which an a	
was filed on	me/us on	., having a Serial No	
therewith, based then provisionals division	reon, or claiming priority	all other United States, foreign and international patent ap y therefrom including, but not limited to, any and all provi uations-in-part, re-examinations, reissues, and extensions lusive right, title, and interest in and to any and all patents	isionals, non- thereof, and the right to
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I/We certify that I/w	e have the full right to c	onvey the above rights.	
	(sign name here)		
Date	(print name here)	Johan PRAGT	, Assignor
Date 25 March 2015	(print name here)	Wouter VAN KEMPEN	, Assignor
Date	(print name here)	Robert Alexander VAN EIBERGEN SANTHAGENS	, Assignor
Date	(print name here)	Tarek ZEINEL-DIN	, Assignor

Page 1 of 1

PATENT REEL: 044971 FRAME: 0816

For good and valuabl	e consideration, of whi	ich I/we acknowledge receipt, I/we as a below-named Ass.	ignor(s), hereby sell,
and assign, and trans	for the entire and exclu	sive right, title, and interest in the following to Koninklijk	e Philips N.V., having
a place of business at	High Tech Campus 5,	5656 AE, Eindhoven, the Netherlands, its successors, assi	gns, and legal
		illectively "the Assignee") my/our invention for which an	
is executed concu	arently herewith		
		Michello House and Angello House	
		, having a Serial No.	
		ernational Application No. PCT/EP2014/065212,	
and all rights in and t	o said application, and	all other United States, foreign and international patent ap	plications associated
therewith, based then	eon, or claiming priori	ty therefrom including, but not limited to, any and all prov	isionals, non-
provisionals division	s, continuations, contir	mations-in-part, re-examinations, reissues, and extensions	thereof, and the right to
claim priority thereto applications.	, and the entire and exc	clusive right, title, and interest in and to any and all patents	s granted on these
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	-	Office officials in the United States and in any and all forei	•
		ely to the Assignee(s), for its sole use, and that of its succe	essors, assigns, and
legal representatives.		₹ -	
		able the Assignee to enjoy the foregoing right, title, and in	
extent. Upon reques	t at the expense of the .	Assignee, I/we agree to execute all papers, take all rightful	caths, testify in all
legal proceedings inc	luding patent prosecut	ion actions and infringement actions, and do all other such	acts which may be
necessary, desirable,	or convenient for secu	ring and maintaining patents on the foregoing invention or	for perfecting title
thereto in the Assigna	ee.		
I/We certify that I/we	have the full right to	convey the above rights.	
	(sign name here)		
Date	(print name here)	Johan PRAGT	, Assignor
Date	(print name here)	Wouter VAN KEMPEN	Assignor
Date	(print name here)	Robert Alexander VAN EIBERGEN SANTHAGENS	, Assignor
20 Oct 2017	No.	Tareli Zanellin	
Date	(print name here)	Tarek ZEINEL-DIN	, Assignor

Page 1 of 1

**PATENT** REEL: 044971 FRAME: 0817