## 504370800 05/17/2017

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4417494

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JUERGEN WEESE	10/15/2015
ALEXANDRA GROTH	03/08/2017
JOCHEN PETERS	09/29/2015
IRINA WAECHTER-STEHLE	01/01/2017
SABINE MOLLUS	10/08/2015

#### **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:	15510096

### **CORRESPONDENCE DATA**

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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.

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ATTORNEY DOCKET NUMBER:	2014P00906WOUS
NAME OF SUBMITTER:	YAN GLICKBERG
SIGNATURE:	/Yan Glickberg/
DATE SIGNED:	05/17/2017
	-

**Total Attachments: 5** 

PATENT REEL: 042404 FRAME: 0852

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> PATENT REEL: 042404 FRAME: 0853

Date

and assign, and transfer	the entire and exclusive r	ve acknowledge receipt, I/we as a below-r ight, title, and interest in the following to I AE, Eindhoven, the Netherlands, its succe	Koninklijke Philips N.V., having
		vely "the Assignee") my/our invention for	
is executed concurre	ently herewith		
	/us on		
was filed on	, ha	ving a Serial No	c14v+4v+4v+4
was filed on. 11 Sep	2015, having an Internati	ional Application No. PCT/EP2015/0707	79,
and all rights in and to s	aid application, and all ot	her United States, foreign and internations	l patent applications associated
therewith, based thereor	n, or claiming priority the	refrom including, but not limited to, any as	nd all provisionals, non-
provisionals divisions, o	continuations, continuation	ns-in-part, re-examinations, reissues, and $\epsilon$	extensions thereof, and the right to
claim priority thereto, a applications.	nd the entire and exclusiv	e right, title, and interest in and to any and	all patents granted on these
		officials in the United States and in any ar the Assignee(s), for its sole use, and that	
*	•	he Assignee to enjoy the foregoing right, t	
legal proceedings include	ling patent prosecution ac	tions and infringement actions, and do all nd maintaining patents on the foregoing ir	other such acts which may be
thereto in the Assignee.			
I/We certify that I/we ha	ave the full right to conve	y the above rights.	
10/15/2015	(sign name here)	Tin Dus	
Date	(print name here)	Juergen WEESE	, Assignor
Date	(print name here)	Alexandra GROTH	, Assignor
Date	(print name here)	Jochen PETERS	, Assignor
Date	(print name here)	Irins WAECHTER-STEHLE	Assignor

Page 1 of 1

Sabine MOLLUS

(print name here)

, Assignor

Date

<del>-</del> -		•	ow-named Assignor(s), hereby sell,
·=	-		g to Koninklijke Philips N.V., having
		E, Eindhoven, the Netherlands, its	
representatives, including	; any nominees (collective	ely "the Assignee") my/our inventio	n for which an application:
is executed concurrent	tly herewith		
was executed by me/u	s on	*************************	
was filed on	havi	ing a Serial Nocassias	****************
was filed on. 11 Sep 2	015, having an Internatio	nal Application No. PCT/EP2015/	)70779,
and all rights in and to sai	id application, and all oth	er United States, foreign and interna	tional patent applications associated
therewith, based thereon,	or claiming priority there	efrom including, but not limited to, a	my and all provisionals, non-
provisionals divisions, co	ntinuations, continuations	s-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 an	y and all patents granted on these
applications.			
I/We authorize and reque	st that the Patent Office o	officials in the United States and in a	ny and all foreign countries to issue
_		he Assignee(s), for its sole use, and	· ·
legal representatives.	. , ,	G (7),	
I/We will provide my/our	cooperation to enable the	e Assignee to enjoy the foregoing ri	ght, title, and interest to the fullest
extent. Upon request at ti	he expense of the Assigns	ee, I/we agree to execute all papers,	take all rightful oaths, testify in all
legal proceedings includi	ng patent prosecution acti	ions and infringement actions, and d	o all other such acts which may be
necessary, desirable, or or	onvenient for securing an	d maintaining patents on the foregoi	ng invention or for perfecting title
thereto in the Assignee.			
I/We certify that I/we hav	ve the full right to convey	the above rights.	
on o contact, that is not than			
ne ne amil	(sign name here)		
<u> </u>	(print name here)	Juergen WEESE	, Assignor
10 N2 ON 11	Control of the contro	-00/	
<u> </u>	(print name here)	Alexandra GROTH	Assignor
	,		
Date	(print name here)	Jochen PETERS	, Assignor
Data	(print name here)	Irina WAECHTER-STEHLE	Aggiorna
Date	Armi nome nere)	na regim of compound & Republic & Subbasies	, Assignor

Page 1 of 1

Sabine MOLLUS

(print name here)

, Assignor

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

		right, title, and interest in the following to K	• •
a place of business	at High Tech Campus 5,5656	AE, Eindhoven, the Netherlands, its success	sors, assigns, and legal
representatives, inc	cluding any nominees (collecti	vely "the Assignee") my/our invention for	which an application:
is executed con	corrently herewith		
was executed b	y me/us on	***************************************	
was filed on	, ha	eving a Serial No	
		ional Application No. PCT/EP2015/07077	
and all rights in an	d to said application, and all o	ther United States, foreign and international	patent applications associated
therewith, based th	ereon, or claiming priority the	refrom including, but not limited to, any an	d all provisionals, non-
provisionals divisio	ons, continuations, continuatio	ns-in-part, re-examinations, reissues, and en	xtensions thereof, and the right
		re right, title, and interest in and to any and	
	Patent when granted, solely to	officials in the United States and in any and the Assignee(s), for its sole use, and that o	***
extent. Upon reque legal proceedings i	est at the expense of the Assig ncluding patent prosecution ac e, or convenient for securing a	he Assignee to enjoy the foregoing right, tit nee, I/we agree to execute all papers, take a ctions and infringement actions, and do all c and maintaining patents on the foregoing in-	ll rightful oaths, testify in all sther 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)	Juergen WEESE	, Assignor
Date 79/9/10	(print name here)	Alexandra GROTH	, Assignor
Date / / W	(print name here)	Jachen PETERS	, Assignor
Date	(print name here)	Irioa WAECHTER-STEHLE	, Assignor
Date	(print name here)	Sabine MOLLUS	, Assignor

Page 1 of 1

to

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

and assign, and t	ransfer the entire and exclusive ri	ght, title, and interest in the following	to Koninklijke Philips N.V., having
a place of busine	ss at High Tech Campus 5,5656	AE, Eindhoven, the Netherlands, its s	uccessors, assigns, and legal
representatives,	including any nominees (collectiv	ely "the Assignee") my/our invention	for which an application:
is executed c	oncurrently herewith		
was executed	by me/us on		
was filed on.	, hav	ving a Serial No	
was filed on.	11 Sep 2015, having an Internati	onal Application No. PCT/EP2015/0	70779,
and all rights in	and to said application, and all oth	ner United States, foreign and internat	ional patent applications associated
therewith, based	thereon, or claiming priority ther	efrom including, but not limited to, ar	ny and all provisionals, non-
provisionals divi	sions, continuations, continuation	s-in-part, re-examinations, reissues, a	nd extensions thereof, and the right to
claim priority the applications.	ereto, and the entire and exclusive	e right, title, and interest in and to any	and all patents granted on these
	ers Patent when granted, solely to	officials in the United States and in an the Assignee(s), for its sole use, and t	
extent. Upon red legal proceeding	quest at the expense of the Assign is including patent prosecution act able, or convenient for securing as	te Assignee to enjoy the foregoing rig tee, I/we agree to execute all papers, to tions and infringement actions, and do nd maintaining patents on the foregoir	ake all rightful oaths, testify in all all all other such acts which may be
I/We certify that	I/we have the full right to convey	the above rights.	
	(sign name here)		
Date	(print name here)	Juergen WEESE	, Assignor
Date	(print name bere)	Alexandra GROTH	, Assignor
Date	(print name here)	Jachen PETERS	, Assignor
		3 Youle-Stello	
Date	(print name here)	Isina WAECHTER-STEHLE	, Assignor
Date	(print name here)	Sabine MOLLUS	, Assignor

Page 1 of 1

**RECORDED: 05/17/2017** 

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

and assign, and tr	ransfer the entire and exclusive ri	ght, title, and interest in the following	to Koninklijke Philips N.V., having
~		AE, Eindhoven, the Netherlands, its s	
representatives, is	ncluding any nominees (collectiv	ely "the Assignee") my/our invention	for which an application:
is executed co	oncurrently herewith		
	by me/us on		
was filed on.	, ha	ring a Serial No	345163163163163
was filed on.	11 Sep 2015, having an Internati	onal Application No. PCT/EP2015/0	78779,
and all rights in a	and to said application, and all of	ner United States, foreign and internat	ional patent applications associated
therewith, based	thereon, or claiming priority ther	efrom including, but not limited to, as	ny and all provisionals, non-
provisionals divis	sions, continuations, continuation	is-in-part, re-examinations, reissues, a	and extensions thereof, and the right to
claim priority the	ereto, and the entire and exclusive	e right, title, and interest in and to any	and all patents granted on these
applications.			
I/We authorize a	nd request that the Patent Office	officials in the United States and in ar	ny and all foreign countries to issue
any and all Lette	rs Patent when granted, solely to	the Assignee(s), for its sole use, and t	hat of its successors, assigns, and
legal representati	ives.		
extent. Upon reclegal proceedings	quest at the expense of the Assign s including patent prosecution ac ble, or convenient for securing a	ne Assignee to enjoy the foregoing rig see, I/we agree to execute all papers, t tions and infringement actions, and do ad maintaining patents on the foregoin	ake all rightful oaths, testify in all all other 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)	Juergen WEESE	, Assignor
Date	(print name here)	Alexandra GROTH	, Assignor
Date	(print name here)	Jochen PETERS	, Assignor
X.P CCCC	Come must ment		y a secondario
Date	(print name here)	Irina WAECHTER-STEHLE	, Assignor
08/40/204	<u> </u>	S. Mella	
Date	(print name here)	Sabine MOLLUS	, Assignor

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PATENT REEL: 042404 FRAME: 0858