# 503523673 10/15/2015

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
DIRK VALENTINUS RENE ENGELEN	06/17/2014
JENTE DE PEE	06/20/2014
GERARDUS HENRICUS ADRIANUS JOHANNES BROEKSTEEG	06/17/2014
ANNEMARIE PAULIEN BUDDEMEIJER-LOCK	07/07/2014
TESS SPEELPENNING	06/18/2014

#### 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:	14784591

## **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:	2013P00039WOUS
NAME OF SUBMITTER:	NOEMI CHAPA
SIGNATURE:	/Noemi Chapa/
DATE SIGNED:	10/15/2015

**Total Attachments: 5** 

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> PATENT REEL: 036796 FRAME: 0381

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:
erry , and a second of

	is executed concurrently herewith
	was executed by me/us on
	was filed on, having a Serial No
5	was filed on. 11 Apr 2014, having an International Application No. PCT/EP2014/057421,

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.

17-3um-2014	(sign name here)	C Exalen	
Date	(print name here)	Rick Valentinus René ENGELEN	, Assignor
	(sign name here)		
Date	(print name here)	Jente DE PEE	, Assignor
	(sign name here)		
Date	(print name here)	Gerardus Henricus Adrianus	, Assignor
		Johannes BROEKSTEEG	
	(sign name here)		
Date	(print name here)	Annemarie Paulien BUDDEMEIJER-	, Assignor
		LOCK	
	(sign name here)		
Date	(print name here)	Tess SPEELPENNING	, Assignor

Page 1 of 1

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is executed concurrently herewith
was executed by me/us on
was filed on, having a Serial No

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

	(sign name here)		
Date	(print name here)	Dirk Valentinus René ENGELEN	, Assignor
June 20, 2014	(sign name here)		
Date	(print name here)	JenteÅDE PER	, Assignor
	(sign name here)		
Date	(print name here)	Gerardus Henricus Adrianus	, Assignor
		Johannes BROEKSTEEG	
	(sign name here)		
Date	(print name here)	Annemarie Paulien BUDDEMEIJER-	, Assignor
		LOCK	
	(sign name here)		
Date	(print name here)	Tess SPEELPENNING	, Assignor

and assign, and trans a place of business at	fer the entire and exclusive rig High Tech Campus 5,5656 A	acknowledge receipt, I/we as a below-nam ht, title, and interest in the following to Kor E, Eindhoven, the Netherlands, its successo ly "the Assignee") my/our invention for wh	inklijke Philips N.V., having rs, assigns, and legal
is executed concu	urrently herewith		
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		ng a Serial No.	101101
was filed on. 11 /	kpr 2014, having an Internatio	nal Application No. PCT/EP2014/057421,	
therewith, based ther provisionals division	eon, or claiming priority there: s, continuations, continuations	er United States, foreign and international professional professional profession including, but not limited to, any and a in-part, re-examinations, reissues, and exteright, title, and interest in and to any and all	III provisionals, non- nsions thereof, and the right to
	atent when granted, solely to th	fficials in the United States and in any and a ne Assignee(s), for its sole use, and that of it	*
extent. Upon request legal proceedings inc	t at the expense of the Assigne duding patent prosecution action or convenient for securing and	Assignee to enjoy the foregoing right, title, e, I/we agree to execute all papers, take all to one and infringement actions, and do all oth it maintaining patents on the foregoing inver	ightful oaths, testify in all er such acts which may be
I/We certify that I/we	e have the full right to convey	the above rights.	
	(sign name here)		
Date	(print name here)	Dirk Valentinus René ENGELEN	, Assignor
	(sign name here)		
Date	(print name here)	Jenie DE PEE	, Assignor
	(sign name here)		
Date	(print name here)	Gerardus Henricus Adrianus	, Assignor
17-jun-2014	George Graenikas	Johannes BRÖEKSTEKG	
Date	(sign name here) (print name here)	Annematic Paulien BUDDEMEIJER- LOCK	, Assignor
	(sign name here)	XXX XX EX	

Tess SPEELPENNING

(print name here)

Date

, Assignor

-		we acknowledge receipt, Dwe as a below-nam	
		ight, title, and interest in the following to Kor	
a place of business at H	igh Tech Campus 5,5656	AE, Eindhoven, the Netherlands, its successo	rs, assigns, and legal
representatives, includir	ng any nominees (collectiv	vely "the Assignee") my/our invention for wh	ich an application:
is executed concurre	antly herewith		
was executed by me	(us on	·/··	
was filed on	, ha	ving a Serial No	*******
was filed on. 11 Apr	r 2014, having an Internat	ional Application No. PCT/EP2014/057421,	
and all rights in and to s	aid application, and all ot	her United States, foreign and international pa	atent applications associated
therewith, based thereon	n, or claiming priority the	refrom including, but not limited to, any and a	ıll provisionals, non-
provisionals divisions, o	continuations, continuation	ns-in-part, re-examinations, reissues, and exte	ensions 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 and a the Assignee(s), for its sole use, and that of i	•
extent. Upon request at legal proceedings include	the expense of the Assign ling patent prosecution ac convenient for securing a	he Assignee to enjoy the foregoing right, title nee, I/we agree to execute all papers, take all stions and infringement actions, and do all oth and maintaining patents on the foregoing investigations.	rightful oaths, testify in all er such acts which may be
I/We certify that I/we h	ave the full right to conve	y the above rights.	
	(sign name here)		
Date	(print name here)	Dirk Valentinus René ENGELEN	, Assignor
	(sign name here)		
Date	(print name here)	Jente DE PEE	, Assignor
	(sign name here)		
Date	(print name here)	Gerardus Henricus Adrianus	, Assignor
	-	Johannes BROEKSTEEG	·
	(sign name here)		
Date	(print name here)	Annemarie Paulien BUDDEMEIJER-	, Assignor
7 july 2014	(sign name here)	LOCK OPBUOGLEMEIJELLOCK	
	***************************************	Tess SPEELPENNING	4-2
Date	(print name here)	BOPINE BLEVE BLEVELD BE	, Assignor

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	(sign name here)		
Date	(print name here)	Dirk Valentinus René ENGELEN	, Assignor
	(sign name here)		
Date	(print name here)	Jente DE PEE	, Assignor
	(sign name here)		
Date	(print name here)	Gerardus Henricus Adrianus	, Assignor
		Johannes BROEKSTEEG	
	(sign name here)		
Date	(print name here)	Annemarie Paulien BUDDEMEIJER-	, Assigner
		LOCK	
18-6-2014	(sign name here)		
Date	(print name here)	Kess SPEELPENNING	, Assignor

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PATENT REEL: 036796 FRAME: 0386

**RECORDED: 10/15/2015**