503557947 11/06/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RUUD VLUTTERS	05/12/2014
RUDOLPH MARIA JOZEF VONCKEN	06/20/2014
KARL CATHARINA VAN BREE	10/28/2015

RECEIVING PARTY DATA

Name:	KONINKLIJKE PHILIPS N. V.	
Street Address:	HIGH TECH CAMPUS 5	
City:	EINDHOVEN	
State/Country:	NETHERLANDS	
Postal Code:	5656AE	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14889471	

CORRESPONDENCE DATA

Fax Number: (914)332-0615

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: 914-332-0222

Email: noemi.chapa@philips.com MICHAEL E. MARION **Correspondent Name:**

Address Line 1: P.O. BOX 3001

Address Line 2: INTELLECTUAL PROPERTY & STANDARDS Address Line 4: BRIARCLIFF MNR., NEW YORK 10510-8001

ATTORNEY DOCKET NUMBER:	2012P01174WOUS
NAME OF SUBMITTER:	NOEMI CHAPA
SIGNATURE:	/Noemi Chapa/
DATE SIGNED:	11/06/2015

Total Attachments: 3

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PATENT REEL: 036975 FRAME: 0903 503557947

U.S.A. Sole/Joint

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, having a Serial No.
Ď	🔀 was filed on. 23 Apr 2014, having an International Application No. PCT/EP2014/058193,

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.

5-12-2014 Date	(sign name here) (print name here)	Raud VLUTTERS	, Assignor
Date	(sign name here) (print name here)	Rudolph Maria Jozef VONCKEN	, Assignor
Date	(sign name here)	Karl Cahtarina VAN BREE	, Assignor

Page 1 of 1

and assign, and transfer t	he entire and exclusive r	we acknowledge receipt, I/we as a below-n 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 concurrer	atly herewith		
was executed by me/u	ıs on	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
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therewith, based thereon, provisionals divisions, co	or claiming priority the ontinuations, continuations,	ther United States, foreign and internations refrom including, but not limited to, any arms-in-part, re-examinations, reissues, and ere right, title, and interest in and to any and	nd all provisionals, non- extensions thereof, and the right to
		officials in the United States and in any are the Assignee(s), for its sole use, and that	-
extent. Upon request at legal proceedings include	the expense of the Assig ing patent prosecution ac	he Assignee to enjoy the foregoing right, t nee, I/we agree to execute all papers, take ctions and infringement actions, and do all and maintaining patents on the foregoing in	all rightful oaths, testify in all other such acts which may be
I/We certify that I/we ha	ve the full right to conve	by the above rights.	
	(sign name here)		
Date	(print name here)	Rund VLUTTERS	, Assignor
20-june-2014	(sign name here)	Rendordan	
Date	(print name here)	Rudolph Maria Jozef VONCKEN	, Assignor
	(sign name here)		

Page 1 of 1

Karl Cahtarina VAN BREE

(print name here)

Date

, Assignor

		ve acknowledge receipt, I/we as a below-na	
-		ight, title, and interest in the following to K	
•	•	AE, Eindhoven, the Netherlands, its succes	
representatives, in	cluding any nominees (collectiv	vely "the Assignee") my/our invention for t	which an application:
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	by me/us on	310101010101010101010101	
		ving a Serial No	***************************************
		ional Application No. PCT/EP2014/05819	
and all rights in ar	nd to said application, and all ot	her United States, foreign and international	patent applications associated
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provisionals divisi	ions, continuations, continuatio	ns-in-part, re-examinations, reissues, and e	xtensions thereof, and the right to
claim priority ther	reto, and the entire and exclusiv	e right, title, and interest in and to any and	all patents granted on these
applications.			
I/We authorize an	d request that the Patent Office	officials in the United States and in any an	d all foreign countries to issue
any and all Letters	s Patent when granted, solely to	the Assignee(s), for its sole use, and that o	f its successors, assigns, and
legal representativ	/es.		
extent. Upon requiegal proceedings	uest at the expense of the Assign including patent prosecution ac ale, or convenient for securing a	he Assignee to enjoy the foregoing right, timee, I/we agree to execute all papers, take a tions and infringement actions, and do all ond maintaining patents on the foregoing in	ll rightful oaths, testify in all other such acts which may be
I/We certify that I	/we have the full right to conve	y the above rights.	
	Calina mana Bana		
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Date	(print name here)	Road VLUTTERS	, Assignor
	(sign name here)		
Date	(print name here)	Rudolph María Jozef VONCKEN	, Assignor
	(sign name here)		
Date	(print name here)	Karle Mharina VAN BREE	, Assignor
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