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PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2580666

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
INGE VAN DE WOUW	10/09/2012
ROBERT GODLIEB	10/02/2012
VANJA HOMMES	10/02/2012
WILLEM HENDERIKUS VELDHUIS	10/02/2012

RECEIVING PARTY DATA

Name:	KONINKLIJKE PHILIPS ELECTRONICS N.V.		
Street Address:	GROENEWOUDSEWEG 1		
City:	EINDHOVEN		
State/Country:	NETHERLANDS		
Postal Code:	5621 BA		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14110725

CORRESPONDENCE DATA

Fax Number: (914)332-0615 Phone: 914-945-6000

Email: barbara.kinney@philips.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful. Correspondent Name: PHILIPS INTELLECTUAL PROPERTY & STANDARD

Address Line 1: P.O. BOX 3001

Address Line 4: BRIARCLIFF MANOR, NEW YORK 10510

ATTORNEY DOCKET NUMBER:	2011P00221WOUS
NAME OF SUBMITTER:	MICHAEL E. SCHMITT
Signature:	/Michael E. Schmitt/
	PATENT

PATENT REEL: 031421 FRAME: 0828 502535306

Date:	10/17/2013
Total Attachments: 4 source=2011P00221WOUS_ASSIGNMENT source=2011P00221WOUS_ASSIGNMENT source=2011P00221WOUS_ASSIGNMENT source=2011P00221WOUS_ASSIGNMENT	#page2.tif #page3.tif

PATENT REEL: 031421 FRAME: 0829

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 Electronics
N.V., having a place of business at Groenewoudseweg 1, 5621 BA 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 he	erewith
was executed by me/us on	***************************************
was filed on	, having a Serial No.
was filed on. 2012-Apr-05	, having an International Application No. PCT/IB2012/051679,

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.

<u>09-10 - 2012</u> Date	(sign name here) (print name here)	The VAN DE WOUW	Assignor
Date	(sign name here) (print name here)	Robert GODLIEB	, Assignor
Date	(sign name here) (print name here)	Vanja HOMMES	. Assignor
Date	(sign name here)	Willem Henderikus VELDHUIS	Assignor

PATENT REEL: 031421 FRAME: 0830 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 Electronics

N.V., having a place of legal representatives, i	f business at Groenewou neluding any nominees (dseweg 1, 5621 BA Eindhoven, the Netherl collectively "the Assignee") my/our inventi	ands its successore accions and
is executed concur			
Was executed by m	e'us on	***************************************	
was filed on 2012	-Apr-05, having an Inter	having a Serial No. national Application No. PCT/IB2012/051	
therewith, based there- provisionals divisions,	on, or claiming priority the continuations, continuati	other United States, foreign and internations serefrom including, but not limited to, any a ions-in-part, re-examinations, reissues, and eive right, title, and interest in and to any and	nd all provisionals mon-
I/We authorize and rec any and all Letters Pat- legal representatives.	uest that the Patent Officent when granted, solely	to the Assignee(s), for its sole use, and that it	nd all foreign countries to issue of its successors, assigns, and
extent. Upon request a legal proceedings inclu	it the expense of the Assi iding patent prosecution i r convenient for securing	the Assignee to enjoy the foregoing right, to gnee, I/we agree to execute all papers, take a actions and infringement actions, and do all and maintaining patents on the foregoing in	all rightful oaths, testify in all
I'We certify that I'we	have the full right to conv	vey the above rights.	
Date	(sign name here) (print name here)	Inge VAN DE WOUW	. Assignor
2012 - 10 02 Date	(sign name here) (print name here)	Robert GODLIEB	<u>, Assignor</u>
Date	(sign name here) (print name here)	Vaoja HOMMES	, Assignor
	(sign name here) (print name here)	Willem Henderikus VELDHUIS	, 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,

N.V., having a place of	business at Groenewo	ve right, title, and interest in the following to udseweg 1, 5621 BA Eindhoven, the Nethe (collectively "the Assignee") my/our inven	rlands, its successors, assigns, and
	√us on		
		having a Serial No. mational Application No. PCT/IB2012/05	
therewith, based thereof provisionals divisions, of	n, or claiming priority continuations, continus	I other United States, foreign and internation therefrom including, but not limited to, any attions-in-part, re-examinations, reissues, and sive right, title, and interest in and to any at	and all provisionals, non- d extensions thereof, and the right to
		ice officials in the United States and in any to the Assignee(s), for its sole use, and the	
extent. Upon request at legal proceedings include	the expense of the As ding patent prosecution convenient for securin	le the Assignee to enjoy the foregoing right signee, I/we agree to execute all papers, tak actions and infringement actions, and do a g and maintaining patents on the foregoing	e all rightful oaths, testify in all ill other such acts which may be
I/We certify that I/we h	ave the full right to cor	ivey the above rights.	
Date	(sign name here) (print name here)	Inge VAN DE WOUW	<u>. Assignor</u>
	(sign name here) (print name here)	Robert GODLIEB	, Assignor
<u>02-10-2012</u> Date	(sign name here) (print name here)	May Ho 23 Vanja HOMMES	. Assignor
Date	(sign name here) (print name here)	Willem Henderikus VELDHUIS	. Assignor

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 Electronics

to

		idseweg 1, 5621 BA Eindhoven, the Nethe (collectively "the Assignee") my/our inven	
was filed on	y me/us on	having a Serial Nornational Application No. PCT/IB2012/05	
therewith, based the provisionals division	ereon, or claiming priority t ons, continuations, continua	tother United States, foreign and internation herefrom including, but not limited to, any tions-in-part, re-examinations, reissues, and sive right, title, and interest in and to any a	and all provisionals, non- d extensions thereof, and the right (
	Patent when granted, solely	ice officials in the United States and in any to the Assignee(s), for its sole use, and the	
extent. Upon reque legal proceedings in necessary, desirable thereto in the Assig	est at the expense of the Ass neluding patent prosecution e, or convenient for securin	e the Assignee to enjoy the foregoing right signee, I/we agree to execute all papers, tak actions and infringement actions, and do a g and maintaining patents on the foregoing over the above rights.	e all rightful oaths, testify in all Il other such acts which may be
Date	<u>(sign name here)</u> (print name here)	Inge VAN DE WOUW	. Assignor
Date	(sign name here) (print name here)	Robert GODLIEB	<u>Assignor</u>
Date	(sign name here) (print name here)	Vanja HOMMES	. Assignor
2-10-2012 Date	sign name here)(print name here)	Willem Henderikus VELDHUIS	. Assignor

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RECORDED: 10/17/2013