502631685 01/13/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHAN MARRA	08/14/2012
JOHAN HENDRIK KLOOTWIJK	08/14/2012
JACOBUS BERNARDUS GIESBERS	08/12/2012
NICO MARIS ADRIAAN DE WILD	08/14/2012
MARCEL MULDER	08/14/2012
ROGIER ADRIANUS HENRICA NIESSEN	08/09/2012
PETER VAN DER LINDE	11/21/2012

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:	14232323

CORRESPONDENCE DATA

Fax Number: (914)332-0615 **Phone**: 914-441-3366

Email: jo.cangelosi@philips.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: PHILIPS ELECTRONICS NORTH AMERICA CORP

Address Line 1: 345 SCARBOROUGH ROAD

Address Line 4: BRIARCLIFF MANOR, NEW YORK 10510

ATTORNEY DOCKET NUMBER: 2011P00549WOUS

PATENT REEL: 031949 FRAME: 0646

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NAME OF SUBMITTER:	SHERRY WOMACK AUSTIN		
Signature:	/Sherry Womack Austin/		
Date:	01/13/2014		
source=2011P00549WOUS_Assignment#p source=2011P00549WOUS_Assignment#p source=2011P00549WOUS_Assignment#p	source=2011P00549WOUS_Assignment#page1.tif source=2011P00549WOUS_Assignment#page2.tif source=2011P00549WOUS_Assignment#page3.tif source=2011P00549WOUS_Assignment#page4.tif source=2011P00549WOUS_Assignment#page5.tif		

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 herewith
was executed by me/us on
was filed on. , having a Serial No
was filed on. 2012-Jul-09, having an International Application No. PCT/IB2012/053501,

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, nonprovisionals 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.

(print name here)

(sign name here

Assignor

14-00-2012

(sign name here)

(print name here)

, Assignor

Page 1 of 2

Johan Hendrik KLOOTWIJK

<u> 14 - 0 - 2012</u> Date	(print name here)	Jacobus Bernardus GIESBERS	, Assignor
th-8-70n Date	(Sign hame here) (print name here)	Nico Maris Adriaan DE WILD	, Assignor
<u>74-8-2017</u> Date	(print name here)	Marcel MULDER	, Assignor
Date	(sign name here) (print name here)	Rogier Adrianus Henrica NIESSEN	, Assignor
Date	(sign name here) (print name here)	Peter VAN DER LINDE	. Assignor

		I/we acknowledge receipt, I/we as a bele	* ***
and assign, and t	ransfer the entire and exclusiv	e right, title, and interest in the following	g to Koninklijke Philips Electronics
N.V., having a pl	lace of business at Groenewou	dseweg 1, 5621 BA Eindhoven, the Net	herlands, its successors, assigns, and
legal representati	ives, including any nominees (collectively "the Assignee") my/our inv	ention for which an application:
is executed co	oncurrently herewith		
was executed	by me/us on		
was filed on.	**************************************	having a Serial No	
		ational Application No. PCT/IB2012/05	
and all rights in a	and to said application, and all	other United States, foreign and internal	tional patent applications associated
-	* -	herefrom including, but not limited to, as	* **
		ions-in-part, re-examinations, reissues, a	
_		sive right, title, and interest in and to any	
applications.			
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	•	ce officials in the United States and in ar	,
		to the Assignee(s), for its sole use, and t	hat of its successors, assigns, and
legal representati	ves.		
I/We will provide	e my/our cooperation to enable	e the Assignee to enjoy the foregoing rig	ht, title, and interest to the fullest
extent. Upon req	puest at the expense of the Ass	ignee, I/we agree to execute all papers, t	ake all rightful oaths, testify in all
legal proceedings	s including patent prosecution	actions and infringement actions, and do	all other such acts which may be
necessary, desira	ble, or convenient for securing	gand maintaining patents on the foregoing	ng invention or for perfecting title
thereto in the Ass	signee.		
I/We certify that	I/we have the full right to con	vey the above rights.	
	(sign name here)		, Assignor
Date	(print name here)	Johan MARRA	
	•		
	(sign name here)		, Assignor
Date	(print name here)	Johan Hendrik KLOOTWIJK	
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Page 1 of 2

Date	(sign name here) (print name here)	Jacobus Bernardus GIESBERS	. Assignor
Date	(sign name here)(print name here)	Nico Maris Adriaan DE WILD	. Assignor
Date	(sign name here) (print name here)	Marcel MULDER	, Assignor
<i>Q - D - 20/</i> Z Date	(sign name here)(print name here)	Rogier Adrianus Henrica NIESSEN	. Assignor
Date	(sign name here)(print name here)	Peter VAN DER LINDE	. Assignor

U.S.A. Sole/Joint

Date

ASSIGNMENT

and assign, and transfer N.V., having a place of	the entire and exclusive business at Groenewoud	right, title, and interest in dseweg 1, 5621 BA Eindh	I/we as a below-named Assignor(and the following to Koninklijke Philipoven, the Netherlands, its successon) my/our invention for which an analysis.	ips Electronics ors, assigns, and
is executed concurre				
	/us on			
		naving a Serial No ntional Application No. Po		
therewith, based thereon provisionals divisions, o	n, or claiming priority the	erefrom including, but no ons-in-part, re-examination	gn and international patent applicate t limited to, any and all provisional ons, reissues, and extensions thereof t in and to any and all patents grant	ls, non- of, and the right to
•			tates and in any and all foreign cousole use, and that of its successors,	
extent. Upon request at legal proceedings include	t the expense of the Assigning patent prosecution a convenient for securing	gnee, I/we agree to execut actions and infringement a	e foregoing right, title, and interest te all papers, take all rightful oaths, actions, and do all other such acts w on the foregoing invention or for pe	, testify in all which may be
I/We certify that I/we h	ave the full right to conv	rey the above rights.		
Date	(sign name here) (print name here)	Johan MARRA	, Assigne	<u>or</u>

Page 1 of 2

Johan Hendrik KLOOTWIJK

(sign name here)____

(print name here)

, Assignor____

Date	(sign name here) (print name here)	Jacobus Bernardus GIESBERS	, Assignor
Date	(sign name here) (print name here)	Nico Maris Adriaan DE WILD	, Assignor
Date	(sign name here) (print name here)	Marcel MULDER	, Assignor
Date	(sign name here) (print name here)	Rogier Adrianus Henrica NIESSEN	, Assignor
21-11-2012 Date	(sign name here)	Peter VAN DER LINDE	, Assignor