# 502247466 02/28/2013

## PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
CRAIG KORTICK BLACK	09/27/2011
DAINIA EDWARDS	06/01/2012
SKOOKUMCHUCK PONG	09/29/2011
JONATHAN KLING	09/29/2011

## **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:	13819813

#### CORRESPONDENCE DATA

Fax Number: 9143320615

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

Phone: 914-945-6000

Email: jo.cangelosi@philips.com

Correspondent Name: PHILIPS INTELLECTUAL PROPERTY & STANDARD

Address Line 1: P.O. BOX 3001

Address Line 4: BRIARCLIFF MANOR, NEW YORK 10510

ATTORNEY DOCKET NUMBER:	2010P00490WOUS
NAME OF SUBMITTER:	DANIEL C. SHERIDAN

#### Total Attachments: 3

source=2010P00490WOUS\_Assignment#page1.tif source=2010P00490WOUS\_Assignment#page2.tif source=2010P00490WOUS\_Assignment#page3.tif

PATENT REEL: 029894 FRAME: 0821 13819813

CH CAN ON

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 ex	recuted concurrently herewith
	was	executed by me/us on
	was	filed on, having a Serial No
X	was	filed on. 2011-Sep-22, having an International Application No. PCT/IB2011/054167,

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.

17-5006-2011 Date	(sign name here) (print name here)	Craig Kortick BLACK	, Assignor
Date	(print name here)	Dainia EDWARDS	
Date	(print name here)	Skookumchuck PONG	
Date	(print name here)	Jonathan KLING	

Page 1 of 1

and assign, and transfi N.V., having a place of	er the entire and exclusive of business at Groenewoud	/we acknowledge receipt, I/we as a below right, title, and interest in the following t Iseweg 1, 5621 BA Eindhoven, the Nethe ollectively "the Assignee") my/our inven	o Koninklijke Philips Electronics rlands, its successors, assigns, and
is executed concur	rently herewith		
	ie/us on		
		aving a Serial No	
was filed on. 2011	-Sep-22, having an Interna	ational Application No. PCT/IB2011/054	1167,
therewith, based there provisionals divisions	on, or claiming priority the , continuations, continuation	other United States, foreign and internation erefrom including, but not limited to, any ons-in-part, re-examinations, reissues, and we right, title, and interest in and to any a	and all provisionals, non- d extensions thereof, and the right to
		e officials in the United States and in any o the Assignee(s), for its sole use, and the	_
extent. Upon request legal proceedings inch	at the expense of the Assisuding patent prosecution a roonvenient for securing	the Assignee to enjoy the foregoing right mee. I/we agree to execute all papers, tak ctions and infringement actions, and do a and maintaining patents on the foregoing	e all rightful oaths, testify in all
I/We certify that I/we	have the full right to conv	ey the above rights.	
	(sign name here)		, Assignor
Date	(print name here)	Craig Kortick BLACK	***************************************
2012.06.01	***************************************		<u> </u>
Date	(print name here)	-Dainia EDWARDS	
Date	(print name here)	Skookumchuck PONG	

Page 1 of 1

Jonathan KLING

(print name here)

Date

		ve acknowledge receipt, I/we as a belo	
		ght, title, and interest in the following	
		eweg 1, 5621 BA Eindhoven, the Neth llectively "the Assignee") my/our inve	
M:			
*****	ncurrently herewith		
	oy me/us on		
		ving a Serial No.	
M was inco on, z	oii-sep-22, naving an internan	ional Application No. PCT/IB2011/05	410/,
		ner United States, foreign and internati	
		efrom including, but not limited to, an	
		s-in-part, re-examinations, reissues, a	
claim priority ther applications.	eto, and the entire and exclusive	right, title, and interest in and to any a	and all patents granted on these
any and all Letters legal representative I/We will provide extent. Upon requiegal proceedings necessary, desirabethereto in the Assi	s Patent when granted, solely to res.  my/our cooperation to enable th test at the expense of the Assign including patent prosecution act le, or convenient for securing an	officials in the United States and in any the Assignee(s), for its sole use, and the see Assignee to enjoy the foregoing right ee, I/we agree to execute all papers, takions and infringement actions, and do not maintaining patents on the foregoing the above rights.	at of its successors, assigns, and  at, title, and interest to the fullest ke all rightful oaths, testify in all all other such acts which may be
	(sign name here)		<b>.</b> .
Date		Charles Wanted W. A. C.V.	, Assignor
Date	(print name here)	Craig Kortick BLACK	
Date	(print name here)	Dainin EDWARDS	
9-29-2011	Shoohum church Par		
Date	(print name here)	Skłotumchuck PONG	
2011-9-29	Janathan Kling	Janda Has	
Date	(print name here)	Jonnihan KLING	

Page 1 of 1

**PATENT** REEL: 029894 FRAME: 0824

**RECORDED: 02/28/2013**