

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Thomas Leroy LAURENCE</td> <td>05/15/2013</td> </tr> <tr> <td>Jinling LIU</td> <td>05/15/2013</td> </tr> <tr> <td>Steven E. COOKE</td> <td>05/15/2013</td> </tr> <tr> <td>Steven John PLUMMER</td> <td>06/10/2013</td> </tr> </tbody> </table>		Name	Execution Date	Thomas Leroy LAURENCE	05/15/2013	Jinling LIU	05/15/2013	Steven E. COOKE	05/15/2013	Steven John PLUMMER	06/10/2013
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Koninklijke Philips Electronics N V</td> </tr> <tr> <td>Street Address:</td> <td>Groenewoudseweg 1</td> </tr> <tr> <td>City:</td> <td>Eindhoven</td> </tr> <tr> <td>State/Country:</td> <td>NETHERLANDS</td> </tr> <tr> <td>Postal Code:</td> <td>5621 BA</td> </tr> </table>		Name:	Koninklijke Philips Electronics N V	Street Address:	Groenewoudseweg 1	City:	Eindhoven	State/Country:	NETHERLANDS	Postal Code:	5621 BA
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CORRESPONDENCE DATA											
Fax Number: 4404832452 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 440-483-2373 Email: patricia.heim@philips.com Correspondent Name: Douglas B. McKnight Address Line 1: 595 Miner Road Address Line 2: Intellectual Property & Standards Address Line 4: Cleveland, OHIO 44143											
ATTORNEY DOCKET NUMBER:	2010P00992WOUS										
NAME OF SUBMITTER:	Douglas B. McKnight										
Signature:	/Douglas B. McKnight/										

PATENT

Date:

06/17/2013

Total Attachments: 2

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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 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:


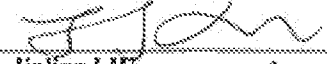
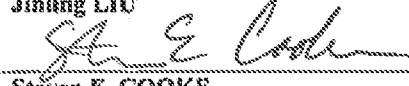
- ☐ is executed concurrently herewith  
☐ was executed by me/us on .....  
☐ was filed on. ...., having a Serial No. ....  
☒ was filed on. 2011-Nov-18, having an International Application No. PCT/IB2011/055171,

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.

15/MAY/2013	(sign name here)		
Date	(print name here)	Thomas Leroy LAURENCE	, Assignor
15/May/2013	(sign name here)		
Date	(print name here)	Jinling LIU	, Assignor
15/MAY/2013	(sign name here)		
Date	(print name here)	Steven E. COOKE	, Assignor
	(print name here)	Steven John PLUMMER	, Assignor

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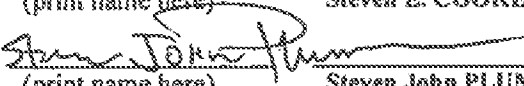
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_____	(print name here)	_____	_____
Date	(print name here)	Steven E. COOKE	, Assignor
JUNE 10, 2013		_____	_____
Date	(print name here)	Steven John PLUMMER	, Assignor