

## 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>HANS-PETER LOEBL</td> <td>04/29/2013</td> </tr> <tr> <td>HERBERT FRIEDRICH BOERNER</td> <td>05/30/2013</td> </tr> <tr> <td>CLAUDI MICHAELA GOLDMANN</td> <td>04/26/2013</td> </tr> </tbody> </table>		Name	Execution Date	HANS-PETER LOEBL	04/29/2013	HERBERT FRIEDRICH BOERNER	05/30/2013	CLAUDI MICHAELA GOLDMANN	04/26/2013		
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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>High Tech Campus 5</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>5656AE</td> </tr> </table>		Name:	Koninklijke Philips Electronics N V	Street Address:	High Tech Campus 5	City:	Eindhoven	State/Country:	NETHERLANDS	Postal Code:	5656AE
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CORRESPONDENCE DATA											
Fax Number: 9143320615 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 914-332-0222 Email: edna.chapa@philips.com Correspondent Name: Michael E. MARION 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:	2010P01023WOUS										
NAME OF SUBMITTER:	MARK L. BELOBORODOV										
Signature:	/Mark L. Beloborodov/										

Date:

06/28/2013

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 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. 2011-Nov-03, having an International Application No. PCT/IB2011/054894,

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>29.4.2013</u>	(sign name here)		_____, Assignor
Date	(print name here)	Hans-Peter LOEBL	_____
_____	(print name here)	Herbert Friedrich BOERNER	_____
Date	(print name here)		_____
<u>28.04.13</u>	(print name here)	Claudia Michaela GOLDMANN	_____
Date	(print name here)		

U.S.A. Sole/Joint

## ASSIGNMENT

Docket No. 2010P01023W019

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 Eindhovenweg 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  
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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 thereon, and the entire and exclusive right, title, and interest in and to any and all patents granted on these applications.

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I/We certify that I/we have the full right to convey the above rights.

	(sign name here)		Assignor
Date	(print name here)	Hans-Peter LOEBL	
30.5.2013	(print name here)	Herbert Friedrich BOERNER	
Date	(print name here)	Claudia Michaela GOLDMANN	
	(print name here)		