

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

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>Guenter GEGNER</td> <td>04/23/2012</td> </tr> <tr> <td>Harald GREINER</td> <td>04/23/2012</td> </tr> <tr> <td>Martin BUFE</td> <td>04/23/2012</td> </tr> </tbody> </table>		Name	Execution Date	Guenter GEGNER	04/23/2012	Harald GREINER	04/23/2012	Martin BUFE	04/23/2012
Name	Execution Date								
Guenter GEGNER	04/23/2012								
Harald GREINER	04/23/2012								
Martin BUFE	04/23/2012								
RECEIVING PARTY DATA									
Name:	Koninklijke Philips Electronics N.V.								
Street Address:	Groenenwoudseweg 1								
City:	Eindhoven								
State/Country:	NETHERLANDS								
Postal Code:	5621 BA								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13977922</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13977922				
Property Type	Number								
Application Number:	13977922								
CORRESPONDENCE DATA									
Fax Number:	4404832452								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	440-483-4281								
Email:	patricia.heim@philips.com								
Correspondent Name:	Thomas M. Lundin								
Address Line 1:	595 Miner Road								
Address Line 4:	Cleveland, OHIO 44143								
ATTORNEY DOCKET NUMBER:	2011P00045WOUS								
NAME OF SUBMITTER:	Thomas M. Lundin								
Signature:	/Thomas M. Lundin/								
Date:	07/02/2013								
Total Attachments: 1 source=2011P00045WOUS_Assignment#page1.tif									

CH \$40.00 13977922

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-Dec-27**, having an International Application No. **PCT/IB2011/055961**,

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.

April 23, 2012 (sign name here) Guenter GEGNER Assignor  
Date (print name here)

April 23, 2012 (sign name here) Harald GREINER Assignor  
Date (print name here)

April 23, 2012 (sign name here) Martin BUFE Assignor  
Date (print name here)