

## 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>BEREND JAN WILLEM TER WEEME</td> <td>04/04/2013</td> </tr> <tr> <td>REMCO YURI VAN DE MOESDIJK</td> <td>05/16/2013</td> </tr> <tr> <td>MARCUS JOANNES VAN DEN BOSCH</td> <td>04/07/2013</td> </tr> <tr> <td>YAN XIONG</td> <td>09/16/2013</td> </tr> <tr> <td>XIAOQING DUAN</td> <td>05/16/2013</td> </tr> </tbody> </table>		Name	Execution Date	BEREND JAN WILLEM TER WEEME	04/04/2013	REMCO YURI VAN DE MOESDIJK	05/16/2013	MARCUS JOANNES VAN DEN BOSCH	04/07/2013	YAN XIONG	09/16/2013	XIAOQING DUAN	05/16/2013
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<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													
<p>Fax Number: 9143320615  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 914-332-0222</p> <p>Email: edna.chapa@philips.com</p> <p>Correspondent Name: Michael E. MARION</p> <p>Address Line 1: P.O. BOX 3001</p> <p>Address Line 2: Intellectual Property &amp; Standards</p> <p>Address Line 4: BRIARCLIFF MNR., NEW YORK 10510-8001</p>													
ATTORNEY DOCKET NUMBER:	2011P00063WOUS01												
NAME OF SUBMITTER:	MARK L. BELOBORODOV												

Signature:	/Mark L. Beloborodov/
Date:	09/16/2013
<b>Total Attachments: 5</b> source=2011P00063_EXEC_ASSIGNMENT#page1.tif source=2011P00063_EXEC_ASSIGNMENT#page2.tif source=2011P00063_EXEC_ASSIGNMENT#page3.tif source=2011P00063_EXEC_ASSIGNMENT#page4.tif source=2011P00063_EXEC_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-Jan-11**, having an International Application No. **PCT/IB2012/050134**,

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.

4-4-2013

Date

(sign name here)

(print name here)

  
**Berend Jan Willem TER WEEME**

\_\_\_\_\_, Assignor

\_\_\_\_\_  
Date

(sign name here)

(print name here)

\_\_\_\_\_  
**Remco Yuri VAN DE MOESDIJK**

\_\_\_\_\_, Assignor

\_\_\_\_\_  
Date

(sign name here)

(print name here)

\_\_\_\_\_  
**Marcus Joannes VAN DEN BOSCH**

\_\_\_\_\_, Assignor

\_\_\_\_\_  
Date

(sign name here)

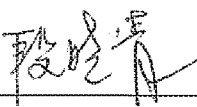
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\_\_\_\_\_  
**Yan XIONG**

\_\_\_\_\_, Assignor

2013.5.16  
Date

(sign name here)  
(print name here)

  
Xiaoqing DUAN

Assignor

Page 2 of 2

U.S.A. Sole/Joint

ASSIGNMENT

Docket No. 2011P00063WO 01US

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\_\_\_\_\_  
Date (sign name here) (print name here) Berend Jan Willem TER WEEME, Assignor

16-5-2013  
Date (sign name here) (print name here) R. J. Moesdijk Remco Yuri VAN DE MOESDIJK, Assignor

\_\_\_\_\_  
Date (sign name here) (print name here) Marcus Joannes VAN DEN BOSCH, Assignor

\_\_\_\_\_  
Date (sign name here) (print name here) Yan XIONG, Assignor

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(print name here) Berend Jan Willem TER WEEME

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Date (sign name here) \_\_\_\_\_, Assignor  
(print name here) Remco Yuri VAN DE MOESDIJK

7 Apr - 2013  
Date (sign name here) \_\_\_\_\_, Assignor  
(print name here)  Marcus Joannes VAN DEN BOSCH

\_\_\_\_\_  
Date (sign name here) \_\_\_\_\_, Assignor  
(print name here) Yan XIONG

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2013.9.16 (sign name here) [Signature] \_\_\_\_\_, Assignor  
Date (print name here) **Berend Jan Willem TER WEEME**

\_\_\_\_\_ (sign name here) \_\_\_\_\_, Assignor  
Date (print name here) **Remco Yuri VAN DE MOESDIJK**

\_\_\_\_\_ (sign name here) \_\_\_\_\_, Assignor  
Date (print name here) **Marcus Joannes VAN DEN BOSCH**

2013.9.16 (sign name here) [Signature] \_\_\_\_\_, Assignor  
Date (print name here) **Yan XIONG**