

## 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>DIRK JAN BROER</td> <td>07/25/2011</td> </tr> <tr> <td>EMIEL PEETERS</td> <td>07/26/2011</td> </tr> </tbody> </table>		Name	Execution Date	DIRK JAN BROER	07/25/2011	EMIEL PEETERS	07/26/2011
Name	Execution Date						
DIRK JAN BROER	07/25/2011						
EMIEL PEETERS	07/26/2011						
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							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13497568</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13497568		
Property Type	Number						
Application Number:	13497568						
CORRESPONDENCE DATA							
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ATTORNEY DOCKET NUMBER:	2009P01315WOUS						
NAME OF SUBMITTER:	SHERRY WOMACK						
Total Attachments: 2 source=2009P01315WOUS_Assign#page1.tif source=2009P01315WOUS_Assign#page2.tif							

CH \$40.00 13497568

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 2010-Oct-06 ....., having an International Application No. ... PCT/IB2010/054519

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, reexaminations, 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 issues any and all Letters Patent when granted, solely to Koninklijke Philips Electronics N.V., 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 prosecutorial 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.

25 July 2011                      (sign name here)                      *Dirk Jan Broer*                      , Assignor  
Date                                      (print name here)                      Dirk Jan BROER

\_\_\_\_\_                      (sign name here)                      \_\_\_\_\_                      , Assignor  
Date                                      (print name here)                      Emiel PEETERS

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\_\_\_\_\_  
 (sign name here) \_\_\_\_\_, Assignor  
 Date (print name here) Dirk Jan BROER

26-07-2011  
 (sign name here) \_\_\_\_\_, Assignor  
 Date (print name here) Emiel PEETERS