

## 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>Luis Felipe Gutierrez</td> <td>02/13/2012</td> </tr> <tr> <td>Robert Manzke</td> <td>10/17/2011</td> </tr> <tr> <td>Raymond Chan</td> <td>10/12/2012</td> </tr> </tbody> </table>                                                                            |                                      | Name          | Execution Date                       | Luis Felipe Gutierrez | 02/13/2012         | Robert Manzke | 10/17/2011 | Raymond Chan   | 10/12/2012  |              |         |
| Name                                                                                                                                                                                                                                                                                                                                                               | Execution Date                       |               |                                      |                       |                    |               |            |                |             |              |         |
| Luis Felipe Gutierrez                                                                                                                                                                                                                                                                                                                                              | 02/13/2012                           |               |                                      |                       |                    |               |            |                |             |              |         |
| Robert Manzke                                                                                                                                                                                                                                                                                                                                                      | 10/17/2011                           |               |                                      |                       |                    |               |            |                |             |              |         |
| Raymond Chan                                                                                                                                                                                                                                                                                                                                                       | 10/12/2012                           |               |                                      |                       |                    |               |            |                |             |              |         |
| 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>5656 AE</td> </tr> </table>                                         |                                      | Name:         | Koninklijke Philips Electronics N.V. | Street Address:       | High Tech Campus 5 | City:         | Eindhoven  | State/Country: | NETHERLANDS | Postal Code: | 5656 AE |
| Name:                                                                                                                                                                                                                                                                                                                                                              | Koninklijke Philips Electronics N.V. |               |                                      |                       |                    |               |            |                |             |              |         |
| Street Address:                                                                                                                                                                                                                                                                                                                                                    | High Tech Campus 5                   |               |                                      |                       |                    |               |            |                |             |              |         |
| City:                                                                                                                                                                                                                                                                                                                                                              | Eindhoven                            |               |                                      |                       |                    |               |            |                |             |              |         |
| State/Country:                                                                                                                                                                                                                                                                                                                                                     | NETHERLANDS                          |               |                                      |                       |                    |               |            |                |             |              |         |
| Postal Code:                                                                                                                                                                                                                                                                                                                                                       | 5656 AE                              |               |                                      |                       |                    |               |            |                |             |              |         |
| 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>13819427</td> </tr> </tbody> </table>                                                                                                                                                                                          |                                      | Property Type | Number                               | Application Number:   | 13819427           |               |            |                |             |              |         |
| Property Type                                                                                                                                                                                                                                                                                                                                                      | Number                               |               |                                      |                       |                    |               |            |                |             |              |         |
| Application Number:                                                                                                                                                                                                                                                                                                                                                | 13819427                             |               |                                      |                       |                    |               |            |                |             |              |         |
| CORRESPONDENCE DATA                                                                                                                                                                                                                                                                                                                                                |                                      |               |                                      |                       |                    |               |            |                |             |              |         |
| <p>Fax Number: 914-332-06<br/> <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 914-945-6000</p> <p>Email: babbette.freeman@philips.com</p> <p>Correspondent Name: PHILIPS INTELLECTUAL PROPERTY &amp; STANDARD</p> <p>Address Line 1: P.O. BOX 3001</p> <p>Address Line 4: BRIARCLIFF MANOR, NEW YORK 10510</p> |                                      |               |                                      |                       |                    |               |            |                |             |              |         |
| ATTORNEY DOCKET NUMBER:                                                                                                                                                                                                                                                                                                                                            | 2010P00808WOUS                       |               |                                      |                       |                    |               |            |                |             |              |         |
| NAME OF SUBMITTER:                                                                                                                                                                                                                                                                                                                                                 | Frank J. Keegan                      |               |                                      |                       |                    |               |            |                |             |              |         |
| <p>Total Attachments: 3</p> <p>source=2010P00808WOUS_ASSIGNMENT#page1.tif</p> <p>source=2010P00808WOUS_ASSIGNMENT#page2.tif</p> <p>source=2010P00808WOUS_ASSIGNMENT#page3.tif</p>                                                                                                                                                                                  |                                      |               |                                      |                       |                    |               |            |                |             |              |         |

CH \$40.00 13819427

U.S.A. Sole/Joint

ASSIGNMENT

Docket No. 2010P00808W0US

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:

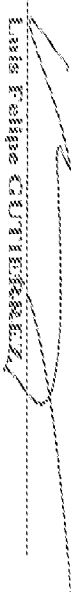
- ☐ is executed concurrently herewith  
☐ was executed by me/us on ....., having a Serial No. ....  
☐ was filed on .....  
☒ was filed on, 2011-Aug-29, having an International Application No. PCT/IB2011/053774.

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, ...e-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 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 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.

Feb 13, 2011 (sign name here)  . Assignor  
Date (print name here) Luis Felipe CASTILLEJA

\_\_\_\_\_. Assignor  
Date (sign name here) Robert MANZKE  
(print name here)

\_\_\_\_\_. Assignor  
Date (sign name here) Raymond CHAN  
(print name here)

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☐ is executed concurrently herewith  
☐ was executed by me/us on \_\_\_\_\_, having a Serial No. \_\_\_\_\_  
☐ was filed on \_\_\_\_\_  
☒ was filed on 2011-Aug-29, having an International Application No. PCT/IB2011/053774,

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.

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

Date \_\_\_\_\_ (sign name here) \_\_\_\_\_, Assignor  
(print name here) Luis Felipe GUTIERREZ

Date 10/13/11 (sign name here) \_\_\_\_\_, Assignor  
(print name here) Robert MANZKE

Date \_\_\_\_\_ (sign name here) \_\_\_\_\_, Assignor  
(print name here) Raymond CHAN

## Index No. 2000000000

☐ is executed concurrently herewith  
☐ was executed by means of .....  
☐ was filed on ..... , having a Serial No. ....  
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10/12/2012  
(signature here)  
(print name here)  
Raymond C. LAY  
Assistant