

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | | | |
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| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>RUUD VLUTTERS</td> <td>01/12/2011</td> </tr> <tr> <td>FREDERIK JAN DE BRUIJN</td> <td>01/12/2011</td> </tr> <tr> <td>LORENZO FERI</td> <td>01/12/2011</td> </tr> <tr> <td>TIM CORNEEL WILHELMUS SCHENK</td> <td>01/12/2011</td> </tr> <tr> <td>REMCO THEODORUS JOHANNES MUIJS</td> <td>01/12/2011</td> </tr> </tbody> </table> | | Name | Execution Date | RUUD VLUTTERS | 01/12/2011 | FREDERIK JAN DE BRUIJN | 01/12/2011 | LORENZO FERI | 01/12/2011 | TIM CORNEEL WILHELMUS SCHENK | 01/12/2011 | REMCO THEODORUS JOHANNES MUIJS | 01/12/2011 |
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| 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>13520588</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13520588 | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | |
| Application Number: | 13520588 | | | | | | | | | | | | |
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| Total Attachments: 3 source=2010P00079_ASSIGNMENT#page1.tif source=2010P00079_ASSIGNMENT#page2.tif source=2010P00079_ASSIGNMENT#page3.tif | | | | | | | | | | | | | |

CH \$40.00 13520588

PATENT

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. 11-Jan-2011, having an International Application No. PCT/IB2011/050116,


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 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.

12-01-2011 (sign name here)  , Assignor
 Date (print name here) Ruud VLUTTERS

12-01-2011 (sign name here)  , Assignor
 Date (print name here) Frederik Jan DE BRUIJN

(sign name here) , Assignor
 Date (print name here) Lorenzo FERI

(sign name here) , Assignor
 Date (print name here) Tim Corneel Wilhelmus SCHENK

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| _____ | (sign name here) | _____ | , Assignor |
| Date | (print name here) | Frederik Jan DE BRUIJN | |
| 12-01-2011 | (sign name here) | _____ | , Assignor |
| Date | (print name here) | Lorenzo FERI | |
| 12-01-2011 | (sign name here) | _____ | , Assignor |
| Date | (print name here) | Tim-Corneel Wilhelmus SCHENK | |

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Date

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Remco Theodorus Johannes
MUIJS

, Assignor