

## 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>Franciscus Antonius Maria VAN DE LAAR</td> <td>03/16/2012</td> </tr> <tr> <td>Johannes Arnoldus Cornelis BERNSEN</td> <td>03/15/2012</td> </tr> <tr> <td>Koen Johanna Guillaume HOLTMAN</td> <td>03/15/2012</td> </tr> </tbody> </table>		Name	Execution Date	Franciscus Antonius Maria VAN DE LAAR	03/16/2012	Johannes Arnoldus Cornelis BERNSEN	03/15/2012	Koen Johanna Guillaume HOLTMAN	03/15/2012		
Name	Execution Date										
Franciscus Antonius Maria VAN DE LAAR	03/16/2012										
Johannes Arnoldus Cornelis BERNSEN	03/15/2012										
Koen Johanna Guillaume HOLTMAN	03/15/2012										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>KONINKLIJKE PHILIPS ELECTRONICS N.V.</td> </tr> <tr> <td>Street Address:</td> <td>GROENEWOUDSEWEG 1</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>5621 BA</td> </tr> </table>		Name:	KONINKLIJKE PHILIPS ELECTRONICS N.V.	Street Address:	GROENEWOUDSEWEG 1	City:	EINDHOVEN	State/Country:	NETHERLANDS	Postal Code:	5621 BA
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>14004509</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14004509						
Property Type	Number										
Application Number:	14004509										
CORRESPONDENCE DATA											
<p>Fax Number: 9143320615  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 914-945-6000        Email: noemi.chapa@philips.com        Correspondent Name: PHILIPS INTELLECTUAL PROPERTY &amp; STANDARD        Address Line 1: P.O. BOX 3001        Address Line 4: BRIARCLIFF MANOR, NEW YORK 10510</p>											
ATTORNEY DOCKET NUMBER:	2011P00413WOUS										
NAME OF SUBMITTER:	Noemi Chapa										
Signature:	/Noemi Chapa/										
Date:	09/11/2013										
<p>Total Attachments: 3        source=2011P00413WOUS_ASSIGNMENT#page1.tif        source=2011P00413WOUS_ASSIGNMENT#page2.tif        source=2011P00413WOUS_ASSIGNMENT#page3.tif</p>											

CH \$40.00 14004509

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:

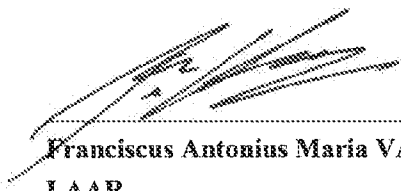
- is executed concurrently herewith
- was executed by me/us on .....
- was filed on ....., having a Serial No. ....
- was filed on. **2012-Mar-15**, having an International Application No. **PCT/IB2012/051234**,

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.

<u>2012-Mar-16</u> Date	_____ (sign name here) _____ (print name here)	 <b>Franciscus Antonius Maria VAN DE LAAR</b>	_____ Assignor
_____ Date	_____ (sign name here) _____ (print name here)	_____ <b>Johannes Arnoldus Cornelis BERNSEN</b>	_____ Assignor
_____ Date	_____ (sign name here) _____ (print name here)	_____ <b>Koen Johanna Guillaume HOLTMAN</b>	_____ Assignor

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:

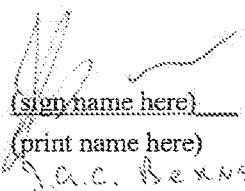
- is executed concurrently herewith
- was executed by me/us on .....
- was filed on ....., having a Serial No. ....
- was filed on. 2012-Mar-15, having an International Application No. PCT/IB2012/051234,

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.

..... Date	(sign name here) (print name here)	..... <b>Franciscus Antonius Maria VAN DE LAAR</b>	..... . Assignor
<u>March 15, 2012</u> Date	 (sign name here) (print name here) <i>J.A.C. BERNSEN</i>	..... <b>Johannes Arnoldus Cornelis BERNSEN</b>	..... . Assignor
..... Date	(sign name here) (print name here)	..... <b>Koen Johanna Guillaume HOLTMAN</b>	..... . Assignor

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-Mar-15, having an International Application No. PCT/IB2012/051234,

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.

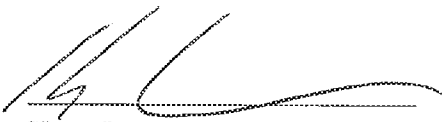
I/We authorize and request that the Patent Office officials in the United States and in any and all foreign countries to issue any and all Letters Patent when granted, solely to the Assignee(s), for its sole use, and that of its successors, assigns, and legal representatives.

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.

\_\_\_\_\_  
 Date (sign name here) \_\_\_\_\_, Assignor  
 (print name here) Franciscus Antonius Maria VAN DE  
 LAAR

\_\_\_\_\_  
 Date (sign name here) \_\_\_\_\_, Assignor  
 (print name here) Johannes Arnoldus Cornelis BERNSEN

15 MAR 2012  
 Date (sign name here) \_\_\_\_\_, Assignor  
 (print name here)   
 Koen Johanna Guillaume HOLTMAN