

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>Rainer HILBIG</td> <td>02/28/2012</td> </tr> <tr> <td>Achim Gerhard Rolf KOERBER</td> <td>02/28/2012</td> </tr> <tr> <td>Mareike KLEE</td> <td>06/26/2012</td> </tr> <tr> <td>Wilco Cornelis KEUR</td> <td>02/29/2012</td> </tr> </tbody> </table>		Name	Execution Date	Rainer HILBIG	02/28/2012	Achim Gerhard Rolf KOERBER	02/28/2012	Mareike KLEE	06/26/2012	Wilco Cornelis KEUR	02/29/2012
Name	Execution Date										
Rainer HILBIG	02/28/2012										
Achim Gerhard Rolf KOERBER	02/28/2012										
Mareike KLEE	06/26/2012										
Wilco Cornelis KEUR	02/29/2012										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Koninklijke Philips 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 N.V.	Street Address:	High Tech Campus 5	City:	Eindhoven	State/Country:	NETHERLANDS	Postal Code:	5656AE
Name:	Koninklijke Philips N.V.										
Street Address:	High Tech Campus 5										
City:	Eindhoven										
State/Country:	NETHERLANDS										
Postal Code:	5656AE										
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>14002213</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14002213						
Property Type	Number										
Application Number:	14002213										
CORRESPONDENCE DATA											
Fax Number:	9143320615										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	914-332-0222										
Email:	gigi.m.lamprecht@philips.com										
Correspondent Name:	Charles E. KOSINSKI										
Address Line 1:	P.O. BOX 3001										
Address Line 2:	Intellectual Property & Standards										
Address Line 4:	BRIARCLIFF MNR., NEW YORK 10510-8001										
ATTORNEY DOCKET NUMBER:	2011P00246WOUS										
NAME OF SUBMITTER:	GiGi LAMPRECHT										
Signature:	/GiGi Lamprecht/										

PATENT

Date:

08/29/2013

Total Attachments: 4

source=2011P00246WOUS_EXECUTED_ASSIGNMENT#page1.tif

source=2011P00246WOUS_EXECUTED_ASSIGNMENT#page2.tif

source=2011P00246WOUS_EXECUTED_ASSIGNMENT#page3.tif

source=2011P00246WOUS_EXECUTED_ASSIGNMENT#page4.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:

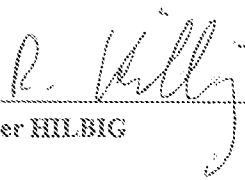
- is executed concurrently herewith
- was executed by me/us on
- was filed on, having a Serial No.
- was filed on. 2012-Feb-27, having an International Application No. PCT/IB2012/050879,

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.

20-Feb-2012 (sign name here)  _____, Assignor
 Date (print name here) Rainer HILBIG

_____ (sign name here) _____, Assignor
 Date (print name here) Achim Gerhard Rolf KOERBER

_____ (sign name here) _____, Assignor
 Date (print name here) Mareike KLEE

_____ (sign name here) _____, Assignor
 Date (print name here) Wilco Cornelis KEUR

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-Feb-27, having an International Application No. PCT/IB2012/050879,

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.

_____	(sign name here)	_____	Assignor
Date	(print name here)	Rainer HILBIG	

<u>2012-Feb-28</u>	(sign name here)		Assignor
Date	(print name here)	Achim Gerhard Rolf KOERBER	

_____	(sign name here)	_____	Assignor
Date	(print name here)	Mareike KLEE	

_____	(sign name here)	_____	Assignor
Date	(print name here)	Wilco Cornelis KEUR	

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-Feb-27, having an International Application No. PCT/IB2012/050879,

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) Rainer HILBIG . Assignor

 Date (sign name here) (print name here) Achim Gerhard Rolf KOERBER . Assignor

26.6 2012
 Date (sign name here) (print name here) Mareike KLEE . Assignor

 Date (sign name here) (print name here) Wilco Cornelis KEUR . 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-Feb-27, having an International Application No. PCT/IB2012/050879,

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) Rainer HILBIG . Assignor

 Date (sign name here) (print name here) Achim Gerhard Rolf KOERBER . Assignor

 Date (sign name here) (print name here) Mareike KLEE . Assignor

29-02-2012
 Date (sign name here) (print name here)  . Assignor
 Wilco Cornelis KEUR