

## 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>JOHANNES JOSEPH HUBERTINA BARBARA SCHLEIPEN</td> <td>04/12/2012</td> </tr> <tr> <td>JOANNES BAPTIST ADRIANUS DIONISIUS VAN ZON</td> <td>03/28/2012</td> </tr> <tr> <td>DERK JAN WILFRED KLUNDER</td> <td>05/31/2012</td> </tr> <tr> <td>TOON HENDRIK EVERS</td> <td>03/28/2012</td> </tr> <tr> <td>JOSEPHUS ARNOLDUS HENDRICUS MARIA KAHLMAN</td> <td>05/31/2012</td> </tr> <tr> <td>RON MARTINUS LAURENTIUS VAN LIESHOUT</td> <td>03/28/2012</td> </tr> <tr> <td>MIKHAIL MIKHAYLOVICH OVSYANKO</td> <td>03/19/2012</td> </tr> </tbody> </table>		Name	Execution Date	JOHANNES JOSEPH HUBERTINA BARBARA SCHLEIPEN	04/12/2012	JOANNES BAPTIST ADRIANUS DIONISIUS VAN ZON	03/28/2012	DERK JAN WILFRED KLUNDER	05/31/2012	TOON HENDRIK EVERS	03/28/2012	JOSEPHUS ARNOLDUS HENDRICUS MARIA KAHLMAN	05/31/2012	RON MARTINUS LAURENTIUS VAN LIESHOUT	03/28/2012	MIKHAIL MIKHAYLOVICH OVSYANKO	03/19/2012
Name	Execution Date																
JOHANNES JOSEPH HUBERTINA BARBARA SCHLEIPEN	04/12/2012																
JOANNES BAPTIST ADRIANUS DIONISIUS VAN ZON	03/28/2012																
DERK JAN WILFRED KLUNDER	05/31/2012																
TOON HENDRIK EVERS	03/28/2012																
JOSEPHUS ARNOLDUS HENDRICUS MARIA KAHLMAN	05/31/2012																
RON MARTINUS LAURENTIUS VAN LIESHOUT	03/28/2012																
MIKHAIL MIKHAYLOVICH OVSYANKO	03/19/2012																
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>13498482</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13498482												
Property Type	Number																
Application Number:	13498482																
CORRESPONDENCE DATA																	
Fax Number:	(914)332-0615																
Phone:	914-945-6000																
Email:	patti.demichele@philips.com																
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>																	
Correspondent Name:	PHILIPS INTELLECTUAL PROPERTY & STANDARD																
Address Line 1:	P.O. BOX 3001																
Address Line 4:	BRIARCLIFF MANOR, NEW YORK 10510																
ATTORNEY DOCKET NUMBER:	2009P01573WOUS																

CH \$40.00 13498482

NAME OF SUBMITTER:

Todd A. Holmbo

**Total Attachments: 12**

source=2009P01573WOUS\_Assignment-2012Jun19#page1.tif

source=2009P01573WOUS\_Assignment-2012Jun19#page2.tif

source=2009P01573WOUS\_Assignment-2012Jun19#page3.tif

source=2009P01573WOUS\_Assignment-2012Jun19#page4.tif

source=2009P01573WOUS\_Assignment-2012Jun19#page5.tif

source=2009P01573WOUS\_Assignment-2012Jun19#page6.tif

source=2009P01573WOUS\_Assignment-2012Jun19#page7.tif

source=2009P01573WOUS\_Assignment-2012Jun19#page8.tif

source=2009P01573WOUS\_Assignment-2012Jun19#page9.tif

source=2009P01573WOUS\_Assignment-2012Jun19#page10.tif

source=2009P01573WOUS\_Assignment-2012Jun19#page11.tif

source=2009P01573WOUS\_Assignment-2012Jun19#page12.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:

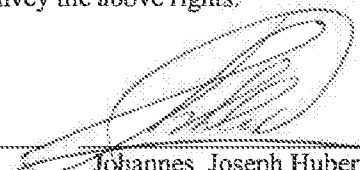
- is executed concurrently herewith
- was executed by me/us on .....
- was filed on ....., having a Serial No. ....
- was filed on 23-Sep-2010, having an International Application No. PCT/IB2010/054292,

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.

12/06/2012	(sign name here)		, Assignor
Date	(print name here)	Johannes Joseph Hubertina Barbara SCHREIJEN	
	(sign name here)		, Assignor
Date	(print name here)	Joannes Baptist Adrianus Dionisius VAN ZON	
	(sign name here)		, Assignor
Date	(print name here)	Derk Jan Wilfred KLUNDER	
	(sign name here)		, Assignor
Date	(print name here)	Toon Hendrik EVERS	

\_\_\_\_\_  
Date (sign name here) (print name here) Josephus Arnoldus Henricus Maria  
KAHLMAN \_\_\_\_\_, Assignor

\_\_\_\_\_  
Date (sign name here) (print name here) Ron Martinus Laurentius VAN  
LIESHOUT \_\_\_\_\_, Assignor

\_\_\_\_\_  
Date (sign name here) (print name here) Mikhail Mikhaylovich  
OVSYANKO \_\_\_\_\_, 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:

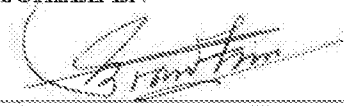
- is executed concurrently herewith
- was executed by me/us on .....
- was filed on. ...., having a Serial No. ....
- was filed on. 23-Sep-2010, having an International Application No. PCT/IB2010/054292,

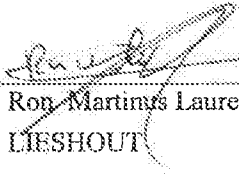
and all rights in and to said application, and all other United States, foreign and international patent applications associated therewith, based thereon, or claiming priority therefrom including, but not limited to, any and all provisionals, non-provisionals divisions, continuations, continuations-in-part, 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.

_____	(sign name here)	_____	, Assignor
Date	(print name here)	Johannes Joseph Hubertina Barbara SCHLEIPEN	
20-03-2012	(sign name here)		, Assignor
Date	(print name here)	Joannes Baptist Adrianus Dionisius VAN ZON	
_____	(sign name here)	_____	, Assignor
Date	(print name here)	Derk Jan Wilfred KLUNDER	
_____	(sign name here)	_____	, Assignor
Date	(print name here)	Toon Hendrik EVERS	

_____	(sign name here)	_____	, Assignor
Date	(print name here)	Josephus Arnoldus Henricus Maria KAHLMAN	
20-3-2012	(sign name here)		, Assignor
Date	(print name here)	Ron Martins Laurentius VAN LIESHOUT	
_____	(sign name here)	_____	, Assignor
Date	(print name here)	Mikhail Mikhaylovich OVSYANKO	

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. 23-Sep-2010, having an International Application No. PCT/IB2010/054292,

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.

	(sign name here)		, Assignor
Date	(print name here)	Johannes Joseph Hubertina Barbara SCHLEIPEN	

	(sign name here)		, Assignor
Date	(print name here)	Joannes Baptist Adrianus Dionisius VAN ZON	

	(sign name here)		, Assignor
Date	(print name here)	Derk Jan Wilfred KLUNDER	

28-03-2012	(sign name here)		, Assignor
Date	(print name here)	Toon-Hendrik EVERS	

..... Date	(sign name here) ..... (print name here)	..... Josephus Arnoldus Henricus Maria KAHLMAN	..... , Assignor
..... Date	(sign name here) ..... (print name here)	..... Ron Martinus Laurentius VAN LIESHOUT	..... , Assignor
..... Date	(sign name here) ..... (print name here)	..... Mikhail Mikhaylovich OVSYANKO	..... , 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 23-Sep-2010, having an International Application No. PCT/IB2010/054292,

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.

_____	(sign name here)	_____	, Assignor
Date	(print name here)	Johannes Joseph Hubertina Barbara SCHLEPEN	

_____	(sign name here)	_____	, Assignor
Date	(print name here)	Joannes Baptist Adrianus Dionisius VAN ZON	

31 <sup>st</sup> May 2012	(sign name here)		, Assignor
Date	(print name here)	Derk Jan Wilfred KLUNDER	

_____	(sign name here)	_____	, Assignor
Date	(print name here)	Toon Hendrik EVERS	

\_\_\_\_\_  
Date (sign name here) \_\_\_\_\_, Assignor  
(print name here) Josephus Arnoldus Henricus Maria  
KAHLMAN

\_\_\_\_\_  
Date (sign name here) \_\_\_\_\_, Assignor  
(print name here) Rog Martinus Laurentius VAN  
LIESHOUT

\_\_\_\_\_  
Date (sign name here) \_\_\_\_\_, Assignor  
(print name here) Mikhail Mikhaylovich  
OVSYANKO

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. 23-Sep-2010, having an International Application No. PCT/IB2010/054292,

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.

..... (sign name here) ..... , Assignor  
 Date (print name here) Johannes Joseph Hubertina Barbara  
 SCHLEIPEN

..... (sign name here) ..... , Assignor  
 Date (print name here) Joannes Baptist Adrianus Dionisius  
 VAN ZON

..... (sign name here) ..... , Assignor  
 Date (print name here) Derk Jan Wilfred KLUNDER

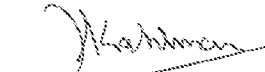
..... (sign name here) ..... , Assignor  
 Date (print name here) Toon Hendrik EVERS

31-5-2012

Date

(sign name here)

(print name here)



Josephus Arnoldus Henricus Maria  
KAHLMAN

, Assignor

Date

(sign name here)

(print name here)

Ron Martinus Laurentius VAN  
LIESHOUT

, Assignor

Date

(sign name here)

(print name here)

Mikhail Mikhaylovich  
OVSYANKO

, 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 23-Sep-2010, having an International Application No. PCT/IB2010/054292,

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.

	(sign name here)		, Assignor
Date	(print name here)	Johannes Joseph Hubertina Barbara SCHLEIPEN	

	(sign name here)		, Assignor
Date	(print name here)	Joannes Baptist Adrianus Dionisius VANZON	

	(sign name here)		, Assignor
Date	(print name here)	Derk Jan Wilfred KLUNDER	

	(sign name here)		, Assignor
Date	(print name here)	Toon Hendrik EVERS	

\_\_\_\_\_  
Date (sign name here) \_\_\_\_\_, Assignor  
(print name here) Josephus Arnoldus Henricus Maria  
KAHLMAN

\_\_\_\_\_  
Date (sign name here) \_\_\_\_\_, Assignor  
(print name here) Ron Martinus Laurentius VAN  
LIESHOUT

19.03.2012  
Date (sign name here) \_\_\_\_\_, Assignor  
(print name here)   
Mikhail Mikhaylovich  
OVSYANKO