

PATENT ASSIGNMENT

Electronic Version v1.1
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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>GONGMING WEI</td> <td>03/31/2011</td> </tr> <tr> <td>YADONG LIU</td> <td>03/21/2012</td> </tr> <tr> <td>HENK VAN HOUTEN</td> <td>03/31/2011</td> </tr> <tr> <td>BO LIU</td> <td>06/20/2011</td> </tr> <tr> <td>HUGO JOHAN CORNELISSEN</td> <td>04/01/2011</td> </tr> <tr> <td>XIAOYAN ZHU</td> <td>03/30/2011</td> </tr> <tr> <td>CORNELIS REINDER RONDA</td> <td>04/01/2011</td> </tr> <tr> <td>HENDRIKUS ALBERTUS ADRIANUS MARIA DE RUIJTER</td> <td>04/08/2011</td> </tr> </tbody> </table>		Name	Execution Date	GONGMING WEI	03/31/2011	YADONG LIU	03/21/2012	HENK VAN HOUTEN	03/31/2011	BO LIU	06/20/2011	HUGO JOHAN CORNELISSEN	04/01/2011	XIAOYAN ZHU	03/30/2011	CORNELIS REINDER RONDA	04/01/2011	HENDRIKUS ALBERTUS ADRIANUS MARIA DE RUIJTER	04/08/2011
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HENDRIKUS ALBERTUS ADRIANUS MARIA DE RUIJTER	04/08/2011																		
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>13142285</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13142285														
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Application Number:	13142285																		
CORRESPONDENCE DATA																			
Fax Number:	(914)332-0615																		
Phone:	914-332-0222																		
Email:	vera.kublanov@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:	Michael E. MARION																		
Address Line 1:	P.O. BOX 3001																		
Address Line 2:	Intellectual Property & Standards																		
Address Line 4:	BRIARCLIFF MNR., NEW YORK 10510-8001																		

CH \$40.00 13142285

PATENT

ATTORNEY DOCKET NUMBER:	2008P01824WOUS
NAME OF SUBMITTER:	MARK L. BELOBORODOV
<p>Total Attachments: 15</p> <p>source=2008P01824_EXEC_ASSSIGNMENT#page1.tif source=2008P01824_EXEC_ASSSIGNMENT#page2.tif source=2008P01824_EXEC_ASSSIGNMENT#page3.tif source=2008P01824_EXEC_ASSSIGNMENT#page4.tif source=2008P01824_EXEC_ASSSIGNMENT#page5.tif source=2008P01824_EXEC_ASSSIGNMENT#page6.tif source=2008P01824_EXEC_ASSSIGNMENT#page7.tif source=2008P01824_EXEC_ASSSIGNMENT#page8.tif source=2008P01824_EXEC_ASSSIGNMENT#page9.tif source=2008P01824_EXEC_ASSSIGNMENT#page10.tif source=2008P01824_EXEC_ASSSIGNMENT#page11.tif source=2008P01824_EXEC_ASSSIGNMENT#page12.tif source=2008P01824_EXEC_ASSSIGNMENT#page13.tif source=2008P01824_EXEC_ASSSIGNMENT#page14.tif source=2008P01824_EXEC_ASSSIGNMENT#page15.tif</p>	

U.S.A. Sole Agent

ASSIGNMENT

Model No. PH0177301/91

For good and valuable consideration, of which five shillings is receipt, I, as a before-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 Koninklijke Oudeweg 1, 5621 HA 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.
 having an International Application No.
 was filed on 2009-12-22
 PCT/JP2009/055895

and all rights in and to said application, and all other United States, foreign and international patent applications assigned therewith, based thereon, or claiming priority therefrom including, but not limited to, any and all provisions, laws, provisions, divisions, continuations, continuations-in-part, re-examinations, protests, 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 my and all I/our's 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 suits, 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 the same in the Assignee.

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

2011.3.31	[Signature]	[Signature]
Date	(sign name here) (print name here)	Assignor
2012.3.21	[Signature]	[Signature]
Date	(sign name here) (print name here)	Assignee

31/3 / 2011

Date

(sign name here)
(print name here)

HOUTTEN, Henk van

, Assignor

Date

(sign name here)
(print name here)

LIU, Bo

, Assignor

Date

(sign name here)
(print name here)

CORNELISSEN, Hugo Johan

, Assignor

Date

(sign name here)
(print name here)

ZHU, Xiaoyan

, Assignor

Date

(sign name here)
(print name here)

RONDA, Cornelis Reinder

, Assignor

Date

(sign name here)
(print name here)

RUIJTER, Hendrikus albertus
adrianus
maria de

, Assignor

U.S.A. Sole/Joint

ASSIGNMENT

Docket No. PH012730US1

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 successor, 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, having a Serial No.
- was filed on 2009-DEC-22....., having an International Application No. ... PCT/IB2009/055895.....

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.

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_____	(sign name here)	_____	Assignor
_____	(print name here)	WEI, Gongming	

_____	(sign name here)	_____	Assignor
_____	(print name here)	LIU, Yadong	

3113 / 2011

(sign name here)
(print name here)

HOUTEN, Henk van

. Assignor

Date

(sign name here)
(print name here)

LIU, Bo

. Assignor

Date

(sign name here)
(print name here)

CORNELISSEN, Hugo Johan

. Assignor

Date

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Date _____ (sign name here) **WEI, Gongming** _____, Assignor
(print name here)

Date _____ (sign name here) **LIU, Yadong** _____, Assignor
(print name here)

Date _____
(sign name here)
(print name here)

HOUTEN, Henk van

. Assignor

2011. 6. 20
Date

(sign name here)
(print name here)

Bo Liu & / LRS
LIU, Bo

. Assignor

Date _____
(sign name here)
(print name here)

CORNELISSEN, Hugo Johan

. Assignor

Date _____
(sign name here)
(print name here)

ZHU, Xiaoyan

. Assignor

Date _____
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- was executed by me/us on
- was filed on: 2009-DEC-22....., having a Serial No.
- was filed on: 2009-DEC-22....., having an International Application No.

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Date	(print name here)	WEI, Gongming	
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Assignor

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adrianus
maria de

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	(sign name here)		Assignor
Date	(print name here)	LIU, Yadong	

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(sign name here)
(print name here)

CORNELISSEN Hugo Johan

. Assignor

Date _____
(sign name here)
(print name here)

ZHU Xiaoyan

. Assignor

Date 20/11/2011
(sign name here)
(print name here)

RONDA Cornelis Reinder

. Assignor

Date _____
(sign name here)
(print name here)

**RUIJTERS Hendrikus albertus
adriannus
maria de**

. Assignor

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Date _____ (sign name here) _____, Assignor
(print name here) **WEI, Gongming**

Date _____ (sign name here) _____, Assignor
(print name here) **LIU, Yadong**

Date	(Original name here)	HOMER, TION VAN	Assignor
Date	(Original name here)	HENRY RIVY VAN HOUTEN	Assignor
Date	(Original name here)	GABRIEL LEVIUS PLOTZ	Assignor
Date	(Original name here)	 ALBERT HENDRIKUS ALBERT VAN DER MEER Merita de	Assignor
Date	(Original name here)	WILHELM WILHELMUS	Assignor