

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>Juergen Vogt</td> <td>10/24/2011</td> </tr> <tr> <td>Jan Martijn Krans</td> <td>10/24/2011</td> </tr> <tr> <td>Jia Du</td> <td>10/21/2011</td> </tr> <tr> <td>Tim Johannes Willem Tijs</td> <td>10/24/2011</td> </tr> <tr> <td>Ronaldus Maria Aarts</td> <td>10/24/2011</td> </tr> </tbody> </table>		Name	Execution Date	Juergen Vogt	10/24/2011	Jan Martijn Krans	10/24/2011	Jia Du	10/21/2011	Tim Johannes Willem Tijs	10/24/2011	Ronaldus Maria Aarts	10/24/2011
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Jia Du	10/21/2011												
Tim Johannes Willem Tijs	10/24/2011												
Ronaldus Maria Aarts	10/24/2011												
RECEIVING PARTY DATA													
Name:	Koninklijke Philips Electronics N.V.												
Street Address:	High Tech Campus 5												
City:	Eindhoven												
State/Country:	NETHERLANDS												
Postal Code:	5656 AE												
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>13825022</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13825022								
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CORRESPONDENCE DATA													
Fax Number:	914-332-06												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	914-945-6000												
Email:	babbette.freeman@philips.com												
Correspondent Name:	PHILIPS INTELLECTUAL PROPERTY & STANDARD												
Address Line 1:	P.O. BOX 3001												
Address Line 4:	BRIARCLIFF MANOR, NEW YORK 10510												
ATTORNEY DOCKET NUMBER:	2010P00782WOUS												
NAME OF SUBMITTER:	Todd A. Holmbo												
Total Attachments: 4 source=2010P00782WOUS_ASSIGNMENT#page1.tif source=2010P00782WOUS_ASSIGNMENT#page2.tif source=2010P00782WOUS_ASSIGNMENT#page3.tif source=2010P00782WOUS_ASSIGNMENT#page4.tif													

CH \$40.00 13825022

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:

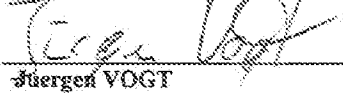
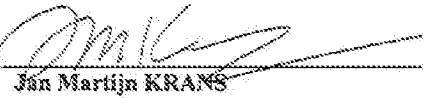
- is executed concurrently herewith
- was executed by me/us on
- was filed on:, having a Serial No.
- was filed on. 2011-Sep-14, having an International Application No. PCT/IB2011/054019,

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>24/09/2011</u>	(sign name here)		, Assignor
Date	(print name here)	Jürgen VOGT	
<u>24.10.2011</u>	(sign name here)		, Assignor
Date	(print name here)	Jan Martijn KRANS	
	(sign name here)		, Assignor
Date	(print name here)	Jia DU	
	(sign name here)		, Assignor
Date	(print name here)	Tim Johannes Willem TIJS	
	(sign name here)		, Assignor
Date	(print name here)	Ronaldus Maria AARTS	

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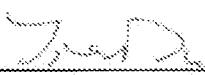
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_____	(sign name here)	_____	, Assignor
Date	(print name here)	Juergen VOGT	
_____	(sign name here)	_____	, Assignor
Date	(print name here)	Jan Martijn KRANS	
<u>21. Oct. 2011</u>	(sign name here)		, Assignor
Date	(print name here)	Jia DU	
_____	(sign name here)	_____	, Assignor
Date	(print name here)	Tim Johannes Willem TIJS	
_____	(sign name here)	_____	, Assignor
Date	(print name here)	Ronaldus Maria AARTS	

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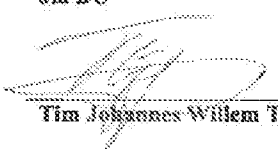
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Date	(print name here)	Jia DU	, Assignor
29-10-2011	(sign name here)		_____
Date	(print name here)	Tim Johannes Willem TIJS	, Assignor
_____	(sign name here)	_____	_____
Date	(print name here)	Ronaldus Maria AARTS	, Assignor

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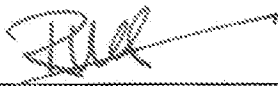
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_____	(sign name here)	_____	, Assignor
Date	(print name here)	Tim Johannes Willem TIJS	
<u>Oct 24 2011</u>	(sign name here)		, Assignor
Date	(print name here)	Ronaldus Maria AARTS	