

## PATENT ASSIGNMENT COVER SHEET

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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>HONGQIANG ZHAI</td> <td>09/17/2012</td> </tr> <tr> <td>KIRAN SRINIVAS CHALLAPALI</td> <td>09/17/2012</td> </tr> <tr> <td>DAVE ALBERTO TAVARES CAVALCANTI</td> <td>09/17/2012</td> </tr> <tr> <td>JIANFENG WANG</td> <td>09/17/2012</td> </tr> </tbody> </table>		Name	Execution Date	HONGQIANG ZHAI	09/17/2012	KIRAN SRINIVAS CHALLAPALI	09/17/2012	DAVE ALBERTO TAVARES CAVALCANTI	09/17/2012	JIANFENG WANG	09/17/2012
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<table border="1"> <tr> <td>Name:</td> <td>KONINKLIJKE PHILIPS ELECTRONICS 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>5656 AE</td> </tr> </table>		Name:	KONINKLIJKE PHILIPS ELECTRONICS N.V.	Street Address:	HIGH TECH CAMPUS 5	City:	EINDHOVEN	State/Country:	NETHERLANDS	Postal Code:	5656 AE
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Signature:	/Daniel J. Piotrowski/										

Date:

02/11/2014

Total Attachments: 2

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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 High Tech Campus 5, 5656 AE 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-Sep-13, having an International Application No. PCT/IB2012/054767,

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)	<b>Hongqiang ZHAI</b>	
<u>9/17/2012</u>	(sign name here)		Assignor
Date	(print name here)	<b>Kiran Srinivas CHALLAPALI</b>	
<u>9/17/12</u>	(sign name here)		Assignor
Date	(print name here)	<b>Dave Alberto TAVARES CAVALCANTI</b>	
<u>9/17/2012</u>	(sign name here)		Assignor
Date	(print name here)	<b>Hanfeng WANG</b>	