

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>FENG HUANG</td> <td>02/27/2012</td> </tr> <tr> <td>MAX OSKAR KOEHLER</td> <td>02/17/2012</td> </tr> <tr> <td>JUKKA ILMARI TANTTU</td> <td>02/17/2012</td> </tr> <tr> <td>WEI LIN</td> <td>03/08/2012</td> </tr> </tbody> </table>		Name	Execution Date	FENG HUANG	02/27/2012	MAX OSKAR KOEHLER	02/17/2012	JUKKA ILMARI TANTTU	02/17/2012	WEI LIN	03/08/2012
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MAX OSKAR KOEHLER	02/17/2012										
JUKKA ILMARI TANTTU	02/17/2012										
WEI LIN	03/08/2012										
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>14001941</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14001941						
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Application Number:	14001941										
CORRESPONDENCE DATA											
Fax Number:	9143320615										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	914-945-6000										
Email:	patti.demichele@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:	2011P00325WOUS										
NAME OF SUBMITTER:	Benjamin Y. Han										
Signature:	/Benjamin Y. Han/										

Date:

08/28/2013

Total Attachments: 3

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source=2011P00325WOUS_Assignment#page3.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:

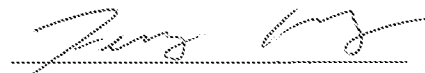
- is executed concurrently herewith
- was executed by me/us on
- was filed on, having a Serial No.
- was filed on. 2012-Feb-03, having an International Application No. PCT/IB2012/050504,

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.

02/27/2012 (sign name here)  , Assignor
 Date (print name here) Feng HUANG

_____ (sign name here) _____ , Assignor
 Date (print name here) Max Oskar KÖHLER

_____ (sign name here) _____ , Assignor
 Date (print name here) Jukka Ilmari TANTTU

_____ (sign name here) _____ , Assignor
 Date (print name here) Wei LIN

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 Date (sign name here) _____, Assignor
 (print name here) **Feng HUANG**

17.2.2012
 Date (sign name here) _____, Assignor
 (print name here) **Max Oskar KÖHLER**

17.2.2012
 Date (sign name here) _____, Assignor
 (print name here) **Jukka Ilmarintanttu**

 Date (sign name here) _____, Assignor
 (print name here) **Wei LIN**

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 Date (print name here) Feng HUANG

..... (sign name here) , Assignor
 Date (print name here) Max Oskar KÖHLER

..... (sign name here) , Assignor
 Date (print name here) Jukka Ilmari TANTTU

3/8/2012 (sign name here) , Assignor
 Date (print name here) Wei LIN