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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HAIMIN TAO	03/08/2012

RECEIVING PARTY DATA

Name:	Koninklijke Philips Electronics N V	
Street Address:	High Tech Campus 5	
City:	Eindhoven	
State/Country:	NETHERLANDS	
Postal Code:	5656AE	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13989546

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ATTORNEY DOCKET NUMBER:	2010P01240WOUS
NAME OF SUBMITTER:	MARK L. BELOBORODOV
Signature:	/Mark L. Beloborodov/
Date:	05/24/2013
	-

Total Attachments: 1

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CH \$40.00

PATENT REEL: 030482 FRAME: 0030

Date

RECORDED: 05/24/2013

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 followin N.V., having a place of business at Groenewoudseweg 1, 5621 BA Eindhoven, the Net legal representatives, including any nominees (collectively "the Assignee") my/our inv	therlands, its successors, assigns, and
is executed concurrently herewith	
was executed by me/us on	
was filed on, having a Serial No	
was filed on. 2011-Dec-01, having an International Application No. PCT/IB2011/6	955399,
and all rights in and to said application, and all other United States, foreign and internatherewith, based thereon, or claiming priority therefrom including, but not limited to, a provisionals divisions, continuations, continuations-in-part, re-examinations, reissues, claim priority thereto, and the entire and exclusive right, title, and interest in and to an applications.	any and all provisionals, non- and extensions thereof, and the right to
I/We authorize and request that the Patent Office officials in the United States and in a any and all Letters Patent when granted, solely to the Assignee(s), for its sole use, and legal representatives.	•
I/We will provide my/our cooperation to enable the Assignee to enjoy the foregoing riextent. Upon request at the expense of the Assignee, I/we agree to execute all papers, legal proceedings including patent prosecution actions and infringement actions, and dinecessary, desirable, or convenient for securing and maintaining patents on the foregothereto in the Assignee.	take all rightful oaths, testify in all lo all other such acts which may be
I/We certify that I/we have the full right to convey the above rights.	
28 /2012 (sign name here) / / / /	. Assiènor

Page 1 of 1

Haimin TAO

(print name here)

PATENT REEL: 030482 FRAME: 0031