### PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
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XIN CHEN	06/25/2013
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# PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13995364

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**REEL: 031291 FRAME: 0868** 

**PATENT** 

Date:	09/26/2013
Total Attachments: 4 source=20120P01272WOUS01_Assignments source=20120P01272WOUS01_Assignments source=20120P01272WOUS01_Assignments source=20120P01272WOUS01_Assignments	t#page2.tif t#page3.tif

PATENT REEL: 031291 FRAME: 0869

For good and valuable consideration, of which I/we acknowledge receipt, I/we as a below-named Assignor(s), hereby sell,
unt assign, and transfer the entire and exclusive right, rifle, and interest in the following to Koninklijke Philipsi Electronics
N.V., having a place of business High Tech Campas 5, 3656 AH, Eindhoven, the Notherlands, its successors, assigns, and
legal representatives, including any nominees (collectively "the Assignee") my/our invention for which an application.

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, \_e-examinations, reissues, and exceptions 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 Leavers Patent when granted, solely to the Assignee(a), for its sole use, and that of its successors, andigns, and legal representatives.

t/We will provide my/our cooperation to enable the Assigner to enjoy the foregoing right, title, and interest to the fullest extent. Upon request at the expense of the Assigner, l/we agree to execute all papers, take all rightful earlis, testify in all tegal proceedings including parent prosecution actions and infringement actions, and do all other such acts which may be necessary, desirable, or convenient for occuring and maintaining patents on the foregoing invention or for perfecting title, thereto in the Assigner.

VWe certify that I've have the full right to convey the above eights.

2013.6.24	(cign some bere) (print bane (gre)	AZW Yang	, Assignor
2.43.6.14 Dave	(sign name here) (print name kere)	Region VV	, Assignor
2013, 06-25	(sign name here)	TH BE XIII CHEN	, A.0328007

	(sign name here)		
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Date	(print name here)	Axelle Stephanie Maud DUCOS	, Assignor

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Date

e e	·	•	n below-named Assignor(s), hereby sell, wing to Koninklijke Philips Electronics
			Netherlands, its successors, assigns, and
			r invention for which an application:
is executed co	ncurrently herewith		
was executed	by me/us on	14.74.74.374.374.374.374.374.374.374.074.074.07	
		ving a Serial No.	**,********************
		ional Application No. PCT/IB20	
and all rights in a	nd to said application, and all ot	her United States, foreign and int	ernational patent applications associated
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I/We certify that	I/we have the full right to conve	y the above rights.	
	(sign name here)		
Date	(print name here)	Aizhi YANG	, Assignor
	(ct. m. m. m. t. m. N		
XX	(sign name here)	XX ou Lon X/Y7	Andrews
Date	(print name here)	Renjun YU	, Assignor
	(cirm name here)		

Xia CHEN

(print name here)

PATENT REEL: 031291 FRAME: 0872

, Assignor

Saft 2520	(sign name here)	Julian.	
Date	(print name here)	Axelle Stephanie Maud DUCOS	, Assignor

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