07/16/2014 502893856

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LORENZO FERI	02/18/2013
STEPHANUS JOSEPH JOHANNES NIJSSEN	02/18/2013
CONSTANT PAUL MARIE JOZEF BAGGEN	01/08/2014
TOMMASO GRITTI	02/18/2013
RUBEN RAJAGOPALAN	02/20/2013
FREDERIK JAN DE BRUIJN	02/18/2013
HONGMING YANG	02/18/2013

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:	14372523

CORRESPONDENCE DATA

Fax Number: (914)332-0615

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	2011P02144WOUS
NAME OF SUBMITTER:	YULIYA MATHIS
SIGNATURE:	/Yuliya Mathis/
DATE SIGNED:	07/16/2014

PAIENI **REEL: 033322 FRAME: 0636** 502893856

Total Attachments: 5

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PATENT REEL: 033322 FRAME: 0637 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, baving a Serial No
X	was filed on. 14 Jan 2013, having an International Application No. PCT/IB2013/050324.

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.

100

I/We certify that I/we have the full right to convey the above rights.

18-02-2013	(sign name here)	TATE	
Date	(print name here)	Lorenzo FRRI	, Assignor
Date	(print name here)	Stephanus Joseph Johannes NIJSSEN	, Assignor
Date	(print name here)	Constant Paul Marie Jozef BAGGEN	, Assignor
Date	(print name here)	Tommaso GRITTI	, Assignor
Date	(print name here)	Ruben RAJAGOPALAN	, Assignor
Date	(print name here)	Frederik Jan DE BRUIJN	, Assignor
Date	(print name here)	Hongming YANG	, Assignor

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was o	executed by me/us on
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I/We certify that I/we have the full right to convey the above rights:

	(sign name here)		
Date (8-02-2-13	(print name here)	Lorenzo FERI	, Assignor
Date	(print name here)	Stephanus Joseph Johannes NIJSSEN	, Assignor
Date	(print name here)	Constant Paul Marie Jozef BAGGEN	, Assignor
Date 2 / (8) 3	(print name here)	Tommaso GRITTI	, Assignor
Date / 2-02-23/3	(print name here)	Ruben RAJAGOPALAN	, Assignor
Date	(print name here)	Frederik Jan DE BRUIJN	, Assignor
Date	(print name here)	Hongming YANG	, Assignor

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and assign, and trans	sfer the entire and exclusive a	right, title, and interest in the following to Kon	inklijke Philips Electronics
N.V., having a place	of business at High Tech Ca	impus 5,5656 AE, Eindhoven, the Netherlands	, its successors, assigns, and
legal representatives	i, including any nominees (co	ollectively "the Assignee") my/our invention for	or which an application:
is executed conc	arrently berewith		
	me us on		
		iving a Serial No	
		ional Application No. PCT/IB2013/050324,	334400
and all rights in and	to said application, and all o	ther United States, foreign and international pa	stent applications associated
therewith, based the	reon, or claiming priority the	refrom including, but not limited to, any and a	ll provisionals, non-
provisionals division	ns, continuations, continuatio	ns-in-part, re-examinations, reissues, and exte	nsions thereof, and the right to
claim priority theret	o, and the entire and exclusiv	e right, title, and interest in and to any and all	patents granted on these
applications.			
	atent when granted, solely to	officials in the United States and in any and a the Assignee(s), for its sole use, and that of it	 -
extent. Upon requestlegal proceedings in necessary, desirable	it at the expense of the Assig cluding patent prosecution ac , or convenient for securing a	he Assignee to enjoy the foregoing right, title, nee, I/we agree to execute all papers, take all retions and infringement actions, and do all other and maintaining patents on the foregoing invented	ightful oaths, testify in all er such acts which may be
thereto in the Assign	ice.		
I/We certify that I/w	e have the full right to conve	y the above rights.	
	(sign name here)		
Date	(print name here)	Lorenzo FERI	, Assignor
Date	(print name here)	Stephagus Joseph Johannes NIJSSEN	, Assignor
Q- 1- 707 12		MAAAA	
Dale //	(print name here)	Configuration Marie Josef BAGGEN	, Assignor
Date	(print name here)	Tommase GRITTI	, Assignor
Date	(print name here)	Ruben RAJAGOPALAN	, Assignor

Page 1 of 1

Hongming YANG

(print name here)

(print name here)

Date

Date

Frederik Jan DE BRUIJN

, Assignor

, Assignor

and assign, and tran N.V., having a plac	nsfer the entire and exclusive to se of business at High Tech Ca	we acknowledge receipt, I/we as a below-naming the following to Korompus 5,5656 AE, Eindhoven, the Netherlands allectively "the Assignee") my/our invention f	ninklijke Philips Electronics s, its successors, assigns, and
was filed on	y me/us on, ha	ving a Serial Noional Application No. PCT/IB2013/050324,	2012H
therewith, based the provisionals divisio	ereon, or claiming priority the ons, continuations, continuation	her United States, foreign and international parefrom including, but not limited to, any and a ns-in-part, re-examinations, reissues, and extee right, title, and interest in and to any and all	ill provisionals, non- nsions thereof, and the right t
	Patent when granted, solely to	officials in the United States and in any and a the Assignee(s), for its sole use, and that of it	•
extent. Upon reque legal proceedings ir	st at the expense of the Assign reluding patent prosecution ac c, or convenient for securing a	he Assignee to enjoy the foregoing right, title, nee, I/we agree to execute all papers, take all r tions and infringement actions, and do all oth nd maintaining patents on the foregoing inver	ightful oatbs, testify in all er such acts which may be
I/We certify that I/v	ve have the full right to conve	y the above rights.	
Date	(sign name here) (print name here)	Lorenzo FERI	, Assignor
Date	(print name here)	Stephanus Joseph Johannes NIJSSEN	, Assignor
Date 18 - 2 - 22 9	(print name here)	Constant Paul Marie Jozef BAGGEN	, Assignor
Date	(print name here)	Tommaso GRITTI	, Assignor
Date	(print name here)	Ruben RAJAGOPALAN	, Assignor

Hongming YANG

Frederik Jan DE BRUIJN

(print name here)

(print name here)

Date

Date

, Assignor

, Assignor

to

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Date	(print name here)	Tommaso GRITTI	, Assignor
Date	(print name here)	Ruben RAJAGOPALAN	, Assignor
Date (8/*) /p	(print name here)	Frederik Jan DE BRUIJN	, Assignor
/ Y/ #2/20 Date	(print name here)	Hongming YANG	. Assignor

Page 1 of 1

PATENT REEL: 033322 FRAME: 0642