### 502432991 07/25/2013

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
FRANCISCO JAVIER ROSELL FERRER	03/10/2012
CLAUDIA HANNELORE IGNEY	02/21/2012
MATTHIAS HAMSCH	02/01/2012

# RECEIVING PARTY DATA

Name:	KONINKLIJKE PHILIPS ELECTRONIC N.V.	
Street Address:	Groenewoudseweg 1	
City:	Eindhoven	
State/Country:	NETHERLANDS	
Postal Code:	5621 BA	

# PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13981624

### CORRESPONDENCE DATA

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NAME OF SUBMITTER:	William J. McNamara
Signature:	WILLIAM J. MCNAMARA/
Date:	07/25/2013

#### Total Attachments: 3

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PATENT REEL: 030873 FRAME: 0291

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 e	cuted concurrently herewith
	was	secuted by me/us on
	was	led on, having a Serial No
$\boxtimes$	was	led on. 2012-Feb-01, having an International Application No. PCT/IB2012/050469,

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.

<u>3/10/2013</u> Date	(sign name here) (print name here)	Francisco Jayier ROSELL FERRER	, Assignor
Date	(sign name here) (print name here)	Claudia Hannelore IGNEY	. Assignor
Date	(sign name here) (print name here)	Matthias HAMSCH	, Assignor

Page 1 of 1

Date

and assign, and tr N.V., having a pl	ansfer the entire and exclusive ace of business at Groenewou	I/we acknowledge receipt, I/we as a below-re right, title, and interest in the following to dseweg 1, \$621 BA Eindhoven, the Netherla collectively "the Assignee") my/our invention	Koninklijke Philips Electronics and its successors, assigns, and
was executed was filed on.		having a Serial Noational Application No. PCT/IB2012/0504	
therewith, based to provisionals divis	thereon, or claiming priority the sions, continuations, continuati	other United States, foreign and international nerefrom including, but not limited to, any a ions-in-part, re-examinations, reissues, and a ive right, title, and interest in and to any and	nd all provisionals, non- extensions thereof, and the right to
	s Patent when granted, solely	ce officials in the United States and in any ato the Assignee(s), for its sole use, and that	~
extent. Upon req legal proceedings	uest at the expense of the Ass including patent prosecution ble, or convenient for securing	e the Assignee to enjoy the foregoing right, t ignee, I/we agree to execute all papers, take actions and infringement actions, and do all and maintaining patents on the foregoing in	all rightful oaths, testify in all other such acts which may be
I/We certify that	l/we have the full right to con	vey the above rights.	
Date	(sign name here) (print name here)	Francisco Javier ROSELL FERRER	Assignor
<u>21 1 2012</u> Date	(sign name here) (print name here)	Claudia Hannelore IGNEY	Assignor
	(sign name here)		Assignor

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**Matthias HAMSCH** 

(print name here)

# U.S.A. Sole/Joint

and assign, and to N.V., having a pla	ansfer the entire and exclusivence of business at Groenewou	I/we acknowledge receipt, I/we as a below- eright, title, and interest in the following to dseweg 1, 5621 BA Eindhoven, the Netherl collectively "the Assignee") my/our inventi	Koninklijke Philips Electronics ands, its successors, assigns, and
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	s Patent when granted, solely	ce officials in the United States and in any a to the Assignee(s), for its sole use, and that	<del></del>
extent. Upon requiegal proceedings	nest at the expense of the Assi including patent prosecution tle, or convenient for securing	the Assignee to enjoy the foregoing right, gnee, I/we agree to execute all papers, take actions and infringement actions, and do all and maintaining patents on the foregoing is	all rightful oaths, testify in all other such acts which may be
I/We certify that I	/we have the full right to com	vey the above rights.	
	(sign name here)		Aminum
Date	(print name here)	Francisco Javier ROSELL FERRER	, Assignor
•	(sign name here)		, Assignor
Date	(print name here)	Claudia Hannelore IGNEY	
1.2. ZO1Z	(sign name here)	Jr. Vanl	, Assignor

Page 1 of 1

Matthias HAMSCH

(print name here)

Date