#### PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
PETER GEORGE NAZAROFF	06/03/2013
RONALD ALLAN HAGEN	06/17/2013
AHREN KARL JOHNSON	09/09/2013
RAYMOND LO	05/22/2013

#### **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

Property Type	Number
Application Number:	13995364

### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	2010P01263WOUS
NAME OF SUBMITTER:	Eric G. Halsne
Signature:	/ERIC. G. HALSNE/
	PATENT

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Date:	09/26/2013
Total Attachments: 4 source=2010P01263WOUS_Assignment#pasource=2010P01264WOUS_Assignment#pasource=2010P01264WOUS_Assignment#pasource=2010P01264WOUS_Assignme	age2.tif age3.tif

PATENT REEL: 031290 FRAME: 0130

For good and valuable cor	nsideration, of which I/we a	acknowledge receipt, I/we as a below-name	ed Assignor(s), hereby sell,
and assign, and transfer th	e entire and exclusive right	t, title, and interest in the following to Koni	inklijke Philips Electronics
N.V., having a place of bu	ısiness at Groenewoudsweg	I, 5621 BA. Eindhoven, the Netherlands,	its successors, assigns, and
legal representatives, incl	uding any nominees (collec	tively "the Assignee") my/our invention for	r which an application:
is executed concurrent	ily herewith		
was executed by me/u	s on	***************************************	
•		g a Serial No	
was filed on. 2011-De	c-23, having an Internation	al Application No. PCT/IB2011/055927,	
and all rights in and to sai	d application, and all other	United States, foreign and international pa	tent applications associated
	• "	om including, but not limited to, any and a	
		n-part, _e-examinations, reissues, and exte	•
		right, title, and interest in and to any and a	
applications.			
I/We authorize and reques	st that the Patent Office offi	icials in the United States and in any and al	I foreign countries to issue
		Assignee(s), for its sole use, and that of its	•
legal representatives.			<b>—</b>
I/We will provide my/our	cooperation to enable the A	Assignce to enjoy the foregoing right, title,	and interest to the fullest
		l/we agree to execute all papers, take all ri	
		is and infringement actions, and do all other	
		maintaining patents on the foregoing inven	-
thereto in the Assignee.	,	· · · · · · · · · · · · · · · · · · ·	£
I/We certify that I/we hav	e the full right to convey th	ne above rights.	
		PHM9M/	
June 3, 2013	(sign name here)	TikkdiyW//	
Date	(print name here)	Peter George NAZAROFF	. Assignor
Date	(print name here)	Rossid Alian HAGEN	, Assignor
Date	(print name here)	Ahren Karl JOHNSON	, Assignor

Page 1 of 1

Raymond LO

(print name here)

Date

, Assignor

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 Groenewoudsweg 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. 2011-Dec-23, having an International Application No. PCT/IB2011/055927, 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, nonprovisionals divisions, continuations, continuations-in-part, e-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. (sign name here) Date (print name here) Assignor June 17, 2013 Assignor Date (print name here) Abren Karl JOHNSON Assignor Date (print name here) Raymond LO , Assignor

For good and valuable consideration, of which I/we acknowledge receipt, I/we as a below-named Assignor(s), hereby sell,

Page 1 of 1

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 pl legal representati	lace of business at Groenewoud ives, including any nominees (c	sweg 1, 5621 BA, Eindhoven, the Nether ollectively "the Assignee") my/our invent	lands, its successors, assigns, and tion for which an application:
is executed co	oncorrently herewith		
	by me/us on	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
was filed on.		aving a Serial No.	
was filed on.	2011-Dec-23, having an Interna	tional Application No. PCI/IB2011/055	927,
therewith, based to provisionals divis	thereon, or claiming priority the clons, continuations, continuatio	ther United States, foreign and internation refrom including, but not limited to, any answinstions, reissues, and inserts in and to any sive right, title, and interest in and to any	and all provisionals, non- l extensions thereof, and the right
I/We authorize an any and all Letter, legal representative	s Patent when granted, solely to	officials in the United States and in any a the Assignee(s), for its sole use, and that	and all foreign countries to issue of its successors, assigns, and
legal proceedings	iest at the expense of the Assign including patent prosecution ac de, or convenient for securing a	he Assignee to enjoy the foregoing right, nee, I/we agree to execute all papers, take tions and infringement actions, and do all nd maintaining patents on the foregoing in	all rightful oaths, testify in all
I/We certify that I	we have the full right to convey	y the above rights.	
	(sign name here)		
Date	(print name here)	Peter George NAZAROFF	, Assignor
Date	(print name here)	Ronald Allan HAGEN	, Assignor
<u> 9/9/2013</u>	Allow Korl Down	· Ault	* Commence
Date	(print name here)	Ahren Karl JOHNSON	, Assignor
Date	(print name here)	Raymond LO	, Assignor

Page 1 of 1

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-		re acknowledge receipt, I/we as a below	
		ght, title, and interest in the following	• "
		veg 1, 5621 BA, Eindhoven, the Nethe	
legal representative	s, including any nominees (col	lectively "the Assignee") my/our inver	ition for which an application:
is executed con	currently herewith		
was executed by	y me/us on	**************************	
was filed on	, ha	ring a Serial No	746045441440140
was filed on. 20	11-Dec-23, having an Internati	ional Application No. PCT/IB2011/05	5927,
and all rights in and	d to said application, and all ot	ner United States, foreign and internation	onal patent applications associated
-		efrom including, but not limited to, any	* **
		is-in-part, _e-examinations, reissues, ar	•
		ive right, title, and interest in and to an	<del>-</del>
any and all Letters legal representative	Patent when granted, solely to es.	officials in the United States and in any the Assignee(s), for its sole use, and th	at of its successors, assigns, and
		ne Assignee to enjoy the foregoing righ	
* *	•	ice, I/we agree to execute all papers, tal	•
- •	* * *	tions and infringement actions, and do	•
	·	nd maintaining patents on the foregoing	invention or for perfecting title
thereto in the Assig	jnee.		
I/We certify that I/	we have the full right to conve	y the above rights.	
	(sign name here)		
Date	(print name here)	Peter George NAZAROFF	, Assignor
Date	(print name here)	Ronald Allan HAGEN	, Assignor
Date	(print name here)	Abren Karl JOHNSON	, Assignor
5/22/13	RAYMOND LO	and the second	<del>"</del>
Date	(print name here)	Kaymood LO	, Assignor

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