502201843 01/21/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
William John LAMB	07/11/2011
Werner Paulus Josephus DE BRUIJN	07/13/2011
Armin Gerhard KOHLRAUSH	07/29/2011
Thomas Pieter Jan PEETERS	07/11/2011

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:	13811350

CORRESPONDENCE DATA

Fax Number: 9143320615

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Email: barbara.kinney@philips.com

Correspondent Name: PHILIPS INTELLECTUAL PROPERTY & STANDARD

Address Line 1: P.O. BOX 3001

Address Line 4: BRIARCLIFF MANOR, NEW YORK 10510

ATTORNEY DOCKET NUMBER:	2010P00720WOUS
NAME OF SUBMITTER:	BARBARA KINNEY

Total Attachments: 4

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> PATENT REEL: 029664 FRAME: 0303

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502201843

and assign, and transfe N.V., having a place o	r the entire and exclusive f business at Groenewouds	we acknowledge receipt, I/we as a below-name right, title, and interest in the following to Koniceweg 1, 5621 BA Eindhoven, the Netherlands, ollectively "the Assignee") my/our invention for	inklijke Philips Electronics its successors, assigns, and
was filed on	e/us on, hz	onal Application No. FC7/IB2011/053072,	······
therewith, based thereconsistents provisionals divisions,	on, or claiming priority the continuations, continuatio	ther United States, foreign and international par refrom including, but not limited to, any and al ns-in-part, reexaminations, reissues, and extens re right, title, and interest in and to any and all p	I provisionals, non- sions thereof, and the right to
	ent when granted, solely to	officials in the United States and in any and al Koninklijke Philips Electronics N.V., for its so	-
extent. Upon request a legal proceedings inclu	it the expense of the Assign iding patent prosecution ac convenient for securing a	he Assignee to enjoy the foregoing right, title, and the Assignee to execute all papers, take all ristions and infringement actions, and do all othe and maintaining patents on the foregoing invent	ghtful oaths, testify in all r such acts which may be
I/We certify that I/we I	nave the full right to conve	y the above rights.	
11 - Jul - 2011 Date	(sign name here) (print name here)	William John, LAMB	, Assignor
Date	(print name here)	Werner Paulus Josephus, DE BRUIJN	
Date	(print name here)	Armin Gerhard, KOHLRAUSCH	

Thomas Pieter Jan, PEETERS

(print name here)

Date

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	executed	concurrently h	erewith					
	W	as execut	ed by me/us on		***************	****************	*****		
	W	as filed or	3		, having	a Serial No.			**********
X	W	as filed or	n. 2011-Jul-11.	having an	International	Application 1	No. È	CW/B2011/05307	Ž.

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, reexaminations, 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 Koninklijke Philips Electronics N.V., 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)	, Assignor
Date 12 -07-20-1	(print name here)	William John, LAMB
13-07-2011 Date	(print name here)	Werner Paulus Josephus, DE BRUIJN
Date	(print name here)	Armin Gerhard, KOHLRAUSCH
Date	(print name here)	Thomas Pieter Jan, PEETERS

PATENT REEL: 029664 FRAME: 0305

Decket No. 2010P00720WOUS (PH015472WO1)

		we acknowledge receipt, I/we as a below-nam	
		ight, title, and interest in the following to Kor	•
		eweg 1, 5621 BA Eindhoven, the Netherland	•••
legal representatives	i, including any nominees (co	llectively "the Assignee") my/our invention f	or which an application:
is executed conc	•		
•	me/us on		
		ving a Serial No	*******
was filed on. 201	[130]-13, having an Internati	onal Application No. PCT/IB201 1/053072.	
and all rights in and	to said application, and all of	her United States, foreign and international pr	atent applications associated
		refrom including, but not limited to, any and a	• •
	·	ns-in-part, reexaminations, reissues, and exter	•
		e right, title, and interest in and to any and all	· ·
applications.			
		officials in the United States and in any and a	
-		Koninklijke Philips Electronics N.V., for its	sole use, and that of its
successors, assigns,	and legal representatives.		
* ***	, , , , , , , , , , , , , , , , , , , ,		
-	•	he Assignee to enjoy the foregoing right, title,	
		nee, I/we agree to execute all papers, take all i	
		tions and infringement actions, and do all oth	· ·
		nd maintaining patents on the foregoing inver	ition or for perfecting title
thereto in the Assign	ee.		
IAMa partify that I/w	e have the full right to conve	e the above piable	
n we centily man n.w	e nave me mu tight in conve	y the above rights.	
	(sign name here)		, Assignor
Date	(print name here)	William John, LAMB	***************************************
Date	(print name here)	Werner Paulus Josephus, DE BRUIJN	***************************************
Ticky 2920	A	And When	
Pate 3	(print name here)	Armin Gerhard, KOHLRAUSCH	***************************************

Date	(print name here)	Thomas Pieter Jan, PEETERS	

PATENT REEL: 029664 FRAME: 0306

Docket No. 2010P00720WOUS (PH015472WO1)

and assign, and transfer N.V., having a place of	the entire and exclusive ri business at Groenewoudse	re acknowledge receipt, I/we as a below-name ght, title, and interest in the following to Koning to Koning to Koning to Koning 1, 5621 BA Eindhoven, the Netherlands, lectively "the Assignee") my/our invention for	nklijke Philips Electronics its successors, assigns, and
was filed on	/us on, hav	ring a Serial No	om
therewith, based thereon provisionals divisions,	n, or claiming priority there continuations, continuation	ner United States, foreign and international pate efrom including, but not limited to, any and all s-in-part, reexaminations, reissues, and extens right, title, and interest in and to any and all p	I provisionals, non- sions thereof, and the right to
	nt when granted, solely to	officials in the United States and in any and al Koninklijke Philips Electronics N.V., for its so	-
extent. Upon request at legal proceedings includencessary, desirable, or thereto in the Assignee.	the expense of the Assign ling patent prosecution act convenient for securing an	e Assignee to enjoy the foregoing right, title, are, I/we agree to execute all papers, take all rigions and infringement actions, and do all other dimaintaining patents on the foregoing inventor the above rights.	ghtful oaths, testify in all r such acts which may be
	(sign name here)		, Assignor
Date	(print name here)	William John, LAMB	
Date	(print name here)	Werner Paulus Josephus, DE BRUIJN	
Date 2011-JUL-11	(print name here)	Armin Gerhard, KOHLRAUSCH	
Date	(print name here)	Thomas Pieter Jan, PEETERS	

PATENT REEL: 029664 FRAME: 0307

RECORDED: 01/21/2013