# 502023175 08/13/2012

### PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### CONVEYING PARTY DATA

Name	Execution Date
LORENZO TRIPODI	02/08/2011
JAMIE GOMEZ RIVAS	02/11/2011
ULLRICH RICHARD RUDOLF PFEIFFER	03/07/2011
PETER GUNTHER HARING BOLIVAR	03/08/2011

## 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:	13578778

# CORRESPONDENCE DATA

 Fax Number:
 9143320615

 Phone:
 914-945-6000

Email: vera.kublanov@philips.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US

Mail.

Correspondent Name: PHILIPS INTELLECTUAL PROPERTY & STANDARD

Address Line 1: P.O. BOX 3001

Address Line 4: BRIARCLIFF MANOR, NEW YORK 10510

ATTORNEY DOCKET NUMBER:	2010P00318WOUS
NAME OF SUBMITTER:	Todd A. Holmbo

## Total Attachments: 4

source=2010P00318WOUS\_Assignment#page1.tif source=2010P00318WOUS\_Assignment#page2.tif source=2010P00318WOUS\_Assignment#page3.tif source=2010P00318WOUS\_Assignment#page4.tif

PATENT REEL: 028779 FRAME: 0078 240 00 1357

502023175

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

N.V., having a place	of business at Groenewouds	right, title, and interest in the following to Ko seweg 1, 5621 BA Eindhoven, the Netherland ollectively "the Assignee") my/our invention	s, its successors, assigns, and
is executed concu	rrently herewith		
	ne/us on		
was filed on	, ha	iving a Serial No.	inginings."
was filed on, 07-F	eb-2011, having an Internat	tional Application No. PCT/IB2011/050511,	
therewith, based then provisionals division	eon, or claiming priority the s, continuations, continuatio	ther United States, foreign and international prefrom including, but not limited to, any and us-in-part, reexaminations, reissues, and extere right, title, and interest in and to any and al	all provisionals, non- nsions thereof, and the right to
any and all Letters Pa		officials in the United States and in any and Koninklijke Philips Electronics N.V., for its	
extent. Upon request legal proceedings inc	at the expense of the Assign luding 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 stions and infringement actions, and do all other maintaining patents on the foregoing investigation.	rightful oaths, testify in all her such acts which may be
I/We certify that I/we	have the full right to conve	y the above rights.	
98 FLB ZOA	(sign name here)	Laiss Egsels	, Assignor
Date	(print name here)	Lorenzo TRIPODI	
	(sign name here)		, Assignor
Date	(print name here)	Jaime GOMEZ RIVAS	
	(sign name here)	· ·	, Assignor
Date	(print name here)	Ullrich Richard Rudolf PFEIFFER	
	(sign name here)		, Assignor
Date	(print name here)	Peter Günther HARING BOLIVAR	

For good and valuable	le consideration, of which I	we acknowledge receipt, I/we as a below-nan	ied Assignor(s), hereby sell,
		right, title, and interest in the following to Ko	
		seweg 1, 5621 BA Eindhoven, the Netherland	
legal representatives.	including any nominees (co	ollectively "the Assignee") my/our invention i	or which an application:
is executed concu	rrently herewith		
was executed by a	ne/us on	******************************	
was filed on		aving a Serial No	wheelphilib .
		tional Application No. PCT/IB2011/050511,	
and all rights in and t	o said application, and all o	ther United States, foreign and international p	atent applications associated
therewith, based there	con, or claiming priority the	refrom including, but not limited to, any and	all provisionals, non-
		ons-in-part, reexaminations, reissues, and exter	
claim priority thereto applications.	, and the entire and exclusiv	we right, title, and interest in and to any and all	patents granted on these
any and all Letters Pa		officials in the United States and in any and a Normal Kominklijke Philips Electronics N.V., for its	AND THE RESERVE OF THE PERSON
extent. Upon request legal proceedings inc	at the expense of the Assig luding patent prosecution ac or convenient for securing a	the Assignee to enjoy the foregoing right, title mee, I/we agree to execute all papers, take all actions and infringement actions, and do all oth and maintaining patents on the foregoing inverted.	rightful oaths, testify in all er such acts which may be
I/We certify that I/we	have the full right to conve	ey the above rights.	
	(sign name here)		* orton
Date	(print name here)	Lorenzo TRIPODI	Assignor
		š.,,	
11.765 / 7 2 13	(sign name here)		, Assignor
<u>                                     </u>	(print name here)	Jaime GOMEZ RIVAS	S. C. Salva Courts
	Comment species	Same Desired to a New	
	(sign name here)		, Assignor
Date	(print name here)	Ullrich Richard Rudolf PFEIFFER	
***************************************	(sign name here)		, Assignor
Date	(print name here)	Peter Günther HARING	

BOLIVAR

and assign, and trans N.V., having a place	sfer the entire and exclusive of business at Groenewoud	we acknowledge receipt, I/we as a below-nan right, title, and interest in the following to Ko iseweg 1, 5621 BA Eindhoven, the Netherland offectively "the Assignee") my/our invention	ninklijke Philips Electronics s, its successors, assigns, and
is executed conci	urrently herewith		
was executed by	me/us on	13.55 to 5.55 to 1.65 to 4.55	
was filed on	an excession and be	aving a Serial No.	Valveli:
		stional Application No. PCT/IB2011/050511,	
therewith, based their provisionals division	reon, or claiming priority the is, continuations, continuation	wher United States, foreign and international perefrom including, but not limited to, any and ons-in-part, reexaminations, reissues, and exterve right, title, and interest in and to any and all	all provisionals, non- nsions thereof, and the right to
any and all Letters P		officials in the United States and in any and a Noninklijke Philips Electronics N.V., for its	
extent. Upon reques legal proceedings inc necessary, desirable, thereto in the Assign	t at the expense of the Assig cluding patent prosecution ac or convenient for securing a sec.	the Assignee to enjoy the foregoing right, title mee, I/we agree to execute all papers, take all citions and infringement actions, and do all other maintaining patents on the foregoing inverted.	rightful oaths, testify in all er such acts which may be
I/We certify that I/we	e have the full right to conve	by the above rights.	
	(sign name here)		, Assignor
Date	(print name here)	Lorenzo TRIPODI	.a.fi
<del></del>	(sign name here)	· · · · · · · · · · · · · · · · · · ·	, Assignor
Date	(print name here)	Jaime GOMEZ RIVAS	
02/04/20//	(sign name here)	13 Mila -	, Assignor
Date 7.6750	(print name here)	Ulinch Richard Rudolf PFEIFFER	19 - C.
	Chryse regress sign of	SOUTH AND	
	(sign name here)		, Assignor
Date	(print name here)	Peter Günther HARING	)
		BOLIVAR	

For good and valuable	e consideration, of which L	we acknowledge receipt, I/we as a below-nam	ned Assignor(s), hereby sell.
and assign, and transf	er the entire and exclusive	right, title, and interest in the following to Ko	ninkliike Philips Electronics
N.V., having a place	of business at Groenewoud	seweg 1, 5621 BA Eindhoven, the Netherland	s. its successors, assions, and
legal representatives,	including any nominees (o	ollectively "the Assignee") my/our invention	for which an application:
is executed concur	rrently herewith		
	ne/us on	PANANANANANANA	
was filed on		aving a Serial No.	AAAAA
		tional Application No. PCT/IB2011/050511,	
and all rights in and to	said application, and all o	ther United States, foreign and international p	atent applications associated
		refrom including, but not limited to, any and	
		ons-in-part, reexaminations, reissues, and exte	
		ve right, title, and interest in and to any and al	
		officials in the United States and in any and a Koninklijke Philips Electronics N.V., for its	
successors, assigns, ar	nd legal representatives.		
I/We will provide my	our cooperation to enable t	the Assignee to enjoy the foregoing right, title	, and interest to the fullest
		nee, I/we agree to execute all papers, take all	
		ctions and infringement actions, and do all other	
		and maintaining patents on the foregoing inve	
thereto in the Assigne			en e
I/We certify that I/we	have the full right to conve	y the above rights.	
***************************************	(sign name here)		, Assignor
Date	(print name here)	Lorenzo TRIPODI	
	36.75		of the same
P	(sign name here)		, Assignor
Date	(print name here)	Jaime GOMEZ RIVAS	
	(sign name here)		Assignor
Date	(print name here)	Ullrich Richard Rudolf PFEIFFER	, rasigna
ne seedaw.	Corner mone mere)	CORNER PROMISE FEETFER	
NO AL GLIA	(sign name here)		D
08/03/2014 Date	(print name here)	Bator Cimelian ATA DINES	, Assignor
Constitution (Constitution of Constitution of	(hang name nere)	Peter Gunther HARING	
		C 63 43 42 44 44 55	

RECORDED: 08/13/2012