PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Chrysi PAPALAZAROU	01/04/2012
Peter Maria Johannes RONGEN	11/02/2011
Peter Hendrik Nelis DE WITH	03/19/2012

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:	13882512

CORRESPONDENCE DATA

Fax Number: 9143320615

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

Phone: 914-332-0222

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Correspondent Name: Frank J. KEEGAN
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Address Line 2: Intellectual Property & Standards

Address Line 4: BRIARCLIFF MNR., NEW YORK 10510-8001

ATTORNEY DOCKET NUMBER:	2010P01020WOUS
NAME OF SUBMITTER:	GiGi LAMPRECHT
Signature:	/GiGi Lamprecht/

PATENT REEL: 030312 FRAME: 0832 13882512

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Date:	04/30/2013
Total Attachments: 3 source=2010P01020WOUS_EXECUTED_A source=2010P01020WOUS_EXECUTED_A source=2010P01020WOUS_EXECUTED_A	SSIGNMENT#page2.tif

PATENT REEL: 030312 FRAME: 0833

and assign, and trans N.V., having a place	fer the entire and exclusive ri of business at Groenewoudse	e acknowledge receipt, I/we as a below-reght, title, and interest in the following to weg I, 5621 BA Eindhoven, the Netherla lectively "the Assignee") my/our invention	Koninklijke Philips Electronics ands, its successors, assigns, and
is executed concu			
was filed on		ring a Serial Noional Application No. PCT/IB2011/0548	
therewith, based the provisionals division	reon, or claiming priority ther is, continuations, continuation	er United States, foreign and internation efrom including, but not limited to, any a s-in-part, re-examinations, reissues, and right, title, and interest in and to any and	nd all provisionals, non- extensions thereof, and the right to
	atent when granted, solely to	officials in the United States and in any a the Assignee(s), for its sole use, and that	-
extent. Upon reques	at at the expense of the Assign cluding patent prosecution ac , or convenient for securing a	ne Assignee to enjoy the foregoing right, nee, I/we agree to execute all papers, take tions and infringement actions, and do all and maintaining patents on the foregoing it	all rightful oaths, testify in all other such acts which may be
I/We certify that I/w	e have the full right to conve	the above rights.	
4 Jan 2012	(sign name here)	043	, Assignor
Date	(print name here)	Chrysi PAPALAZAROU	
Date	(print name here)	Peter Maria Johannes RONGEN	
Date	(print name here)	Peter Hendrik Nelis DE WITH	

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For good and valua	ble consideration, of which I/v	ve acknowledge receipt, I/we as a below-nan	ned Assignor(s), hereby sell,
and assign, and trar	sfer the entire and exclusive r	ight, title, and interest in the following to Ko	ninklijke Philips Electronics
		eweg 1, 5621 BA Eindhoven, the Netherland	
		llectively "the Assignee") my/our invention	
is executed cond	currently herewith		
was executed by	/ me/us on		
		ving a Serial No	
was filed on. 20	11-Nov-02, having an Interna	tional Application No. PCT/IB2011/054860	
and all rights in and	I to said application, and all ot	her United States, foreign and international p	atent applications associated
therewith, based the	ereon, or claiming priority ther	refrom including, but not limited to, any and	all provisionals, non-
provisionals divisio	ns, continuations, continuation	ns-in-part, re-examinations, reissues, and ext	ensions thereof, and the right to
claim priority there	to, and the entire and exclusiv	e right, title, and interest in and to any and al	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	ts successors, assigns, and
legal representative	s.		
I/We will provide n	ny/our cooperation to enable ti	ne Assignee to enjoy the foregoing right, title	e, and interest to the fullest
extent. Upon reque	st at the expense of the Assign	nee, I/we agree to execute all papers, take all	rightful oaths, testify in all
legal proceedings in	ncluding patent prosecution ac	tions and infringement actions, and do all ot	er such acts which may be
necessary, desirable	e, or convenient for securing a	nd maintaining patents on the foregoing inve	ntion or for perfecting title
thereto in the Assig	nee.		
I/We certify that I/v	we have the full right to conve	y the above rights.	
	(sign name here)		Assignan
Date	(print name here)	Chrysi PAPALAZAROU	, Assignor
2/11/2011	them name notel	Tailman S	
Date	(print name here)	Petgr Aftria Rohannes RONGEN	
3 arta	(anal pages taken)	Petas Handsile Matte 149 4871743	WWW.WW.WW.WW.WW.WW.WW.WW.WW.WW.WW.WW.WW

Page 1 of 1

and assign, and transfer th N.V., having a place of bu	e entire and exclusive rig siness at Groenewoudse	e acknowledge receipt, I/we as a below-nam tht, title, and interest in the following to Kor weg 1, 5621 BA Eindhoven, the Netherlands ectively "the Assignee") my/our invention f	ninklijke Philips Electronics s, its successors, assigns, and
is executed concurrent	ly herewith		
was executed by me/u			
was filed on	, hav	ing a Serial No	
was filed on. 2011-No	v-02, having an Internati	onal Application No. PCT/IB2011/054860,	•
therewith, based thereon, provisionals divisions, co	or claiming priority there	er United States, foreign and international perfrom including, but not limited to, any and so-in-part, re-examinations, reissues, and exteright, title, and interest in and to any and all	all provisionals, non- ensions thereof, and the right to
		officials in the United States and in any and the Assignee(s), for its sole use, and that of	
extent. Upon request at t legal proceedings includi	he expense of the Assign ng patent prosecution act onvenient for securing ar	e Assignee to enjoy the foregoing right, title ee, I/we agree to execute all papers, take all ions and infringement actions, and do all other administration on the foregoing invested the above rights.	rightful oaths, testify in all her such acts which may be
	(sign name here)	(42222)	, Assignor
Date	(print name here)	Chrysi PAPALAZAROU	
Date 19 - 3 - 2017	(print name here)	Peter Marin Johnnes RONGEN	
Date	(print name here)	Peter Hendrik Nelis DE WITH	

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