PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Ronald Reindert DRENTEN	10/24/2010
Josef Andreas SCHUG	11/16/2010
Adriaan VALSTER	12/01/2010

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:	13130230

CORRESPONDENCE DATA

Fax Number: (914)332-0615

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

Phone: 914-332-0222

Email: katelyn.sacco@philips.com
Correspondent Name: MARK BELOBORODOV

Address Line 1: P.O. BOX 3001

Address Line 2: Intellectual Property & Standards

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

NAME OF SUBMITTER: MARK BELOBORODOV

Total Attachments: 3

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REEL: 026310 FRAME: 0472

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		we acknowledge receipt, I/we as a below-	
		right, title, and interest in the following to	
		seweg 1, 5621 BA Eindhoven, the Netherl	- ·
legal representatives,	including any nominees (co	llectively "the Assignee") my/our inventi	on for which an application:
is executed concu	irrently herewith		
	me/us on		
was filed on	, ha	ving a Serial No.	
		tional Application No. PCT/IB2009/0550	
and all rights in and	to said application, and all of	ther United States, foreign and internation	al patent applications associated
		refrom including, but not limited to, any a	
		ns-in-part, reexaminations, reissues, and e	*
		e right, title, and interest in and to any and	_
applications.	•	• · · · · · · · · · · · · · · · · · · ·	1 3
I/We authorize and re	equest that the Patent Office	officials in the United States and in any a	nd all foreign countries to issue
	_	Koninklijke Philips Electronics N.V., for	•
	and legal representatives.	Troilling Timpo Diotrollos 11. V., for	its solo uso, and that of its
I/We will provide my	/our cooperation to enable t	he Assignee to enjoy the foregoing right,	title, and interest to the fullest
extent. Upon request	at the expense of the Assign	nee, I/we agree to execute all papers, take	all rightful oaths, testify in all
legal proceedings inc	luding patent prosecution ac	tions and infringement actions, and do all	other such acts which may be
necessary, desirable,	or convenient for securing a	nd maintaining patents on the foregoing in	nvention or for perfecting title
thereto in the Assign	20 .		
I/We certify that I/we	have the full right to conve	sy the above rights	
2 We coming that I we		y ano above rights.	
24 October 2010	(micro manus hana)	RROYEL LE	A
	(sign name here)		, Assignor
Date	(print name here)	Ronald Reindert DRENTEN	
www.	(sign name here)		, Assignor
Date	(print name here)	Josef Andreas SCHUG	
	(sign name here)		, Assignor
Date	(print name here)	Adriaan VALSTER	

PATENT REEL: 026310 FRAME: 0473 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	ight, title, and interest in the following to K eweg 1, 5621 BA Eindhoven, the Netherlar llectively "the Assignee") my/our invention	nds, its successors, assigns, and
was filed on	us on, ha	ving a Serial Notional Application No. PCT/IB2009/055002	
therewith, based thereon provisionals divisions, c	, or claiming priority ther ontinuations, continuations,	her United States, foreign and international refrom including, but not limited to, any and as-in-part, reexaminations, reissues, and exerging title, and interest in and to any and a	d all provisionals, non- tensions thereof, and the right to
	t when granted, solely to	officials in the United States and in any and Koninklijke Philips Electronics N.V., for it	
extent. Upon request at legal proceedings includ	the expense of the Assign ing patent prosecution act	ne Assignee to enjoy the foregoing right, tit nee, I/we agree to execute all papers, take all tions and infringement actions, and do all o and maintaining patents on the foregoing inv	I rightful oaths, testify in all ther such acts which may be
I/We certify that I/we ha	ve the full right to convey	the above rights.	
Date	(sign name here) (print name here)	Ronald Reindert DRENTEN	, Assignor
Nov. 16,2010	(sign name here)	fort Elny	, Assignor
Date	(print name here)	Josef Andreas SCHUG	
- D. /	(sign name here)	A 1 : X/A I (CONT)	, Assignor
Date	(print name here)	Adriaan VALSTER	

PATENT REEL: 026310 FRAME: 0474 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

		seweg 1, 5621 BA Eindhoven, the Netherla ollectively "the Assignee") my/our invention	
is executed concurr	ently herewith		
·	e/us on		
		aving a Serial No.	
	ov-2009, having an Interna	ational Application No. PCT/IB2009/05500	2,
therewith, based thereo provisionals divisions,	on, or claiming priority the continuations, continuations	ther United States, foreign and international refrom including, but not limited to, any an uns-in-part, reexaminations, reissues, and exertight, title, and interest in and to any and	d all provisionals, non- tensions thereof, and the right
•	ent when granted, solely to	officials in the United States and in any an Koninklijke Philips Electronics N.V., for i	•
extent. Upon request a legal proceedings inclu	t the expense of the Assig ding patent prosecution ac convenient for securing a	the Assignee to enjoy the foregoing right, ti nee, I/we agree to execute all papers, take a ctions and infringement actions, and do all c and maintaining patents on the foregoing in	ll rightful oaths, testify in all other such acts which may be
I/We certify that I/we h	nave the full right to conve	y the above rights.	
			uk e
	(sign name here)		. Assignor
Date	(print name here)	Ronald Reindert DRENTEN	
	(sign name here)		, Assignor
Date	(print name here)	Josef Andreas SCHUG	
01-12-2010	(sign name here)	0	, Assignor
Date Date	(print name here)	Adriaan VALSTER	
	·		

RECORDED: 05/19/2011

PATENT REEL: 026310 FRAME: 0475