501848161 03/09/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JACOB MARINUS JAN DEN TOONDER	09/13/2010
PIETER JAN VAN DER ZAAG	09/07/2010
HAO CHIEH CHAO	09/20/2010

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:	13395321	

CORRESPONDENCE DATA

 Fax Number:
 (914)332-0615

 Phone:
 914-945-6000

Email: patti.demichele@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:	2009P01364WOUS
NAME OF SUBMITTER:	Todd A. Holmbo

Total Attachments: 3

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PATENT REEL: 027836 FRAME: 0965 10.00

501848161

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 herewith was executed by me/us on was filed on....., having a Serial No..... was filed on. 06-Sep-2010, having an International Application No. PCT/IB2010/053991, 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, 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 (print name here) Jacob Marinus Jan DEN **TOONDER** (sign name here) Assignor Date (print name here) Pieter Jan VAN DER ZAAG (sign name here) Assignor Date Hao Chieb CHAO (print name here)

> PATENT REEL: 027836 FRAME: 0966

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 r	ight, title, and interest in the following to Ko	ninklijke Philips Electronics
		eweg 1, 5621 BA Eindhoven, the Netherland	
legal representatives, inc	luding any nominees (co	llectively "the Assignee") my/our invention	for which an application:
is executed concurrer	ntly herewith		
was executed by me/	us on	sortante e sa de e e sale s'antinorant autorità de la company	
was filed on	, ha	ving a Serial No	od 2,540,000
was filed on, 06-Sep-	2010, having an Internat	ional Application No. PCT/IB2010/053991,	
and all rights in and to sa	aid application, and all ot	her United States, foreign and international p	atent applications associated
therewith, based thereon	, or claiming priority the	refrom including, but not limited to, any and	all provisionals, non-
provisionals divisions, co	ontinuations, continuation	ns-in-part, reexaminations, reissues, and exte	nsions thereof, and the right to
	d the entire and exclusiv	e right, title, and interest in and to any and al	l patents granted on these
applications.			
I/We authorize and requi	est that the Patent Office	officials in the United States and in any and	all foreign countries to issue
		Koninklijke Philips Electronics N.V., for its	
successors, assigns, and	legal representatives.		
extent. Upon request at legal proceedings includ	the expense of the Assigning patent prosecution ac	he Assignee to enjoy the foregoing right, title nee, I/we agree to execute all papers, take all tions and infringement actions, and do all off and maintaining patents on the foregoing inve	rightful oaths, testify in all ner such acts which may be
I/We certify that I/we ha	ve the full right to conve	y the above rights.	
	(sign name here)		, Assignor
Date	(print name here)	Jacob Marinus Jan DEN	? x essilian
	(burner much trait a)	TOONDER	
Ž 11 20 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(sign name here)	Marine Ma	, Assignor
7 - 07 - 20/0 Date	(print name here)	Pieter Jan VAN DER ZAAG	
	(sign name here)		Assignor
Date	(print name here)	Hao Chieh CHAO	***************************************

PATENT REEL: 027836 FRAME: 0967 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	r the entire and exclusive	right, title, and interest in the following to seweg 1, 5621 BA Eindhoven, the Netherla	Koninklijke Philips Electronics
		ollectively "the Assignee") my/our invention	
is executed concurr	ently herewith		
was executed by me	/us on	\$\$1.000.00.00.000.000.000.000.000.000.	
was filed on		aving a Serial No	nine nine nine nine
		tional Application No. PCT/IB2010/05399	
and all rights in and to	said application, and all o	ther United States, foreign and internations	ni patent applications associated
therewith, based thereo	n, or claiming priority the	refrom including, but not limited to, any a	nd all provisionals, non-
provisionals divisions,	continuations, continuatio	ons-in-part, reexaminations, reissues, and e	xtensions thereof, and the right to
claim priority thereto, a	and the entire and exclusiv	ve right, title, and interest in and to any and	all patents granted on these
applications.			
•	nt when granted, solely to	officials in the United States and in any ar Koninklijke Philips Electronics N.V., for	and the state of t
extent. Upon request at legal proceedings inclu-	t the expense of the Assig ding patent prosecution ac convenient for securing a	the Assignee to enjoy the foregoing right, to nee, I/we agree to execute all papers, take a ctions and infringement actions, and do all and maintaining patents on the foregoing in	all rightful oaths, testify in all other such acts which may be
I/We certify that I/we h	ave the full right to conve	ry the above rights.	
	(sign name here)		, Assignor
Date	(print name here)	Jacob Marinus Jan DEN	
		TOONDER	
	(sign name here)		, Assignor
Date	(sign name here) (print name here)	Pieter Jan VAN DER ZAAG	, Assignor
	(print name here)	Pieter Jan VAN DER ZAAG	, Assignor
Date >= 0 - 0 9 - >= 1 6	(print name here)	Pieter Jan VAN DER ZAAG	, Assignor , Assignor

RECORDED: 03/09/2012

PATENT REEL: 027836 FRAME: 0968

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