PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Jorge PEREGRIN EMPARANZA	04/27/2010
Aki Sakari HARMA	04/15/2010
Pavankumar Murli DADLANI MAHTANI	04/22/2010

RECEIVING PARTY DATA

Name:	KONINKLIJKE PHILIPS ELECTRONICS N.V.
Street Address:	GROENEWOUDSEWEG 1
City:	EINDHOVEN
State/Country:	NETHERLANDS
Postal Code:	5621BA

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	13264538	

CORRESPONDENCE DATA

 Fax Number:
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Mail.

Correspondent Name: PHILIPS INTELLECTUAL PROPERTY & STANDARD

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Address Line 4: BRIARCLIFF MANOR, NEW YORK 10510

ATTORNEY DOCKET NUMBER:	2009P00936WOUS
NAME OF SUBMITTER:	EDWARD W. GOODMAN

Total Attachments: 3

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> PATENT REEL: 027064 FRAME: 0627

		we acknowledge receipt, I/we as a below-name	
		right, title, and interest in the following to Ko	
		seweg 1, 5621 BA Eindhoven, the Netherland	
legal representativ	es, including any nominees (co	ollectively "the Assignee") my/our invention f	for which an application:
is executed cor	ncurrently herewith		
was executed b	y me/us on		
was filed on	, ha	ving a Serial No	******
was filed on. 1	2-Apr-2010, having an Interna	tional Application No. PCT/IB2010/051571,	
and all rights in an	d to said application, and all of	ther United States, foreign and international p	atent applications associated
		refrom including, but not limited to, any and	
provisionals divisi-	ons, continuations, continuatio	ns-in-part, reexaminations, reissues, and exter	nsions thereof, and the right to
claim priority there applications.	eto, and the entire and exclusiv	e right, title, and interest in and to any and all	patents granted on these
I/We authorize and	I request that the Patent Office	officials in the United States and in any and a	all foreign countries to issue
		Koninklijke Philips Electronics N.V., for its	
	s, 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	ntion or for perfecting title
thereto in the Assig	gnee.		
I/We certify that I/	we have the full right to conve	y the above rights.	
77. 1 17.40	(sign name here)	45 Ca	
27th April 2010	(sign name here)		, Assignor
Date	(print name here)	Jorge PEREGRÍN EMPARANZA	
D.A.	(sign name here)	A1 * C 1 * YY T T T T	, Assignor
Date	(print name here)	Aki Sakari HÄRMÄ	
	(sign name here)		Accieman
Date	(print name here)	Pavankumar Murli DADLANI	, Assignor
moure make to that	(print mairie ficte)	MAHTANI	
		IANUARI I USIAI	

PATENT REEL: 027064 FRAME: 0628 For good and valuable consideration, of which I/we acknowledge receipt, I/we as a below-named Assignor(s), hereby sell,

and assign, and transf	Fer the entire and exclusive	right, title, and interest in the following to Ko	ninklijke Philips Ek	ectronics
N.V., having a place	of business at Groenewoud	seweg 1, 5621 BA Eindhoven, the Netherland	s, its successors, ass	signs, and
legal representatives,	including any nominees (c	ollectively "the Assignee") my/our invention	for which an applica	ition:
is executed concur	rrently herewith			775 kg
was executed by n	ne/us on			100 A
was filed on	, h	aving a Serial No		
was filed on. 12-A	pr-2010, having an Interna	ational Application No. PCT/IB2010/051571,		
and all rights in and to	o said application, and all o	ther United States, foreign and international p	atent applications as	ssociated
therewith, based there	on, or claiming priority the	erefrom including, but not limited to, any and	all provisionals, non	ı -
provisionals divisions	, continuations, continuation	ons-in-part, reexaminations, reissues, and exter	nsions thereof, and t	he right to
claim priority thereto,	and the entire and exclusive	ve right, title, and interest in and to any and all	patents granted on	these
applications.				Ĩ
I/We will provide my/ extent. Upon request legal proceedings incl necessary, desirable, of thereto in the Assigne	at the expense of the Assiguding patent prosecution actor 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 inversely the above rights.	rightful oaths, testify er such acts which r	y in all may be
	(sign name here)		, Assignor	.; . 40
Date	(print name here)	Jorge PEREGRÍN EMPARANZA		restrictions .
4/15/2010 Date	(sign name here) (print name here)	Aki Sakari HÄRMÄ	, Assignor	
	(sign name here)		, Assignor	
Date	(print name here)	Pavankumar Murli DADLANI MAHTANI		**************************************

and assign, and tra N.V., having a pla	nsfer the entire and exclusive ce of business at Groenewoud	I/we acknowledge receipt, I/we as a below-nar right, title, and interest in the following to Ko Iseweg 1, 5621 BA Eindhoven, the Netherland collectively "the Assignee") my/our invention	oninklijke Philips Electronics ds, its successors, assigns, and
is executed con	currently herewith		
	y me/us on		
***********		aving a Serial No.	*******
was filed on. 12	2-Apr-2010, having an Interna	ational Application No. PCT/IB2010/051571,	
therewith, based the provisionals division	ereon, or claiming priority the	other 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 al	all provisionals, non- ensions thereof, and the right to
any and all Letters		e officials in the United States and in any and a Koninklijke Philips Electronics N.V., for its	
extent. Upon reque legal proceedings in	est at the expense of the Assig neluding patent prosecution ac e, or convenient for securing a	the Assignee to enjoy the foregoing right, title mee, I/we agree to execute all papers, take all ctions and infringement actions, and do all oth and maintaining patents on the foregoing inves	rightful oaths, testify in all her such acts which may be
I/We certify that I/v	we have the full right to conve	ey the above rights.	
	(sign name here)		, Assignor
Date	(print name here)	Jorge PEREGRÍN EMPARANZA	
**************************************	(sign name here)		, Assignor
Date	(print name here)	Aki Sakari HÄRMÄ	
22-04-2010		Janfin II. Velle.	, Assignor
Date	(print name here)	Pavankumar Murli DADLANI	
		MAHTANI	

RECORDED: 10/14/2011

PATENT REEL: 027064 FRAME: 0630