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PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
David HOPE SIMPSON	11/08/2011
David CLARK	11/08/2011
Anup AGARWAL	11/08/2011

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:	13320233

CORRESPONDENCE DATA

Fax Number: (914)332-0615 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 10510-8001

ATTORNEY DOCKET NUMBER:	2009P00900WOUS
NAME OF SUBMITTER:	W. Brinton Yorks, Jr.

Total Attachments: 3

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PATENT REEL: 027217 FRAME: 0759

U.S.A. Sole/Joint

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 Assignce") my/our invention for which an application:

	is ex	xecuted c	oncurrently herewith
	was	executed	by me/us on
	was	filed on.	, having a Serial No.
\boxtimes	was	filed on.	2010-Apr-19, having an International Application No. IB2010/051712,

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, non-provisionals divisions, continuations, continuations-in-part, re-examinations, 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 the Assignee(s), 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.

Nov 8,2011	David HOPE SIMPSON	De M.	, Assignor
Date	(print name here)	(sign name here)	~ >
	David CLARK		, Assignor
Date	(print name here)	(sign name here)	
	Anup AGARWAL		, Assignor
Date	(print name here)	(sion name here)	

Page 1 of 1

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

		eg 1, 5621 BA Eindhoven, the Netherlands, ctively "the Assignee") my/our invention fo	=:
is executed concurrer	atly herewith		
was executed by me/	us on	*********************	
was filed on	, havín	g a Serial No.	\$243P
was filed on. 2010-A	pr-19, having an Internation	nal Application No. IB2019/051712,	
and all rights in and to sa	nid application, and all other	United States, foreign and international par	tent applications associated
therewith, based thereon	, or claiming priority therefr	om including, but not limited to, any and al	l provisionals, non-
provisionals divisions, co	ontinuations, continuations-	in-part, re-examinations, reissues, and exter	isions thereof, and the right to
claim priority thereto, an	d the entire and exclusive ri	ght, title, and interest in and to any and all I	patents granted on these
applications.			medumerik. Di 19
		icials in the United States and in any and ale Assignee(s), for its sole use, and that of its	· · · · · · · · · · · · · · · · · · ·
I/We will provide my/ou	r 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 ri	ghtful oaths, testify in all
legal proceedings includ	ing patent prosecution action	ns and infringement actions, and do all othe	r such acts which may be
necessary, desirable, or o	convenient for securing and	maintaining patents on the foregoing invent	tion or for perfecting title
thereto in the Assignee.			144 for 1964 (1964)
I/We certify that I/we ha	ve the full right to convey th	ne above rights.	
	David HOPE SIMPSON		, Assignor
Date	(print name here)	(sign name here)	
8 Nov 2011	David CLARK	DiridClark	, Assignor
Date	(print name here)	(sign name here)	
	Anup AGARWAL		, Assignor
Date	(print name here)	(sign name here)	

Page 1 of 1

and assign, and trans N.V., having a place	fer the entire and exclusive righ of business at Groenewoudsew	acknowledge receipt, I/we as a below-nat, title, and interest in the following to I eg 1, 5621 BA Eindhoven, the Netherla ctively "the Assignee") my/our invention	Coninklijke Philips Electronics ands, its successors, assigns, and
is executed concu	urrently herewith		
was executed by	me/us on	**********************	
		g a Serial No	*********
was filed on. 201	0-Apr-19, having an Internation	nal Application No. IB2010/051712,	
and all rights in and	to said application, and all other	United States, foreign and internations	l patent applications associated
therewith, based ther	eon, or claiming priority therefi	om including, but not limited to, any ar	d all provisionals, non-
provisionals division	s, continuations, continuations-	in-part, re-examinations, reissues, and e	xtensions thereof, and the right to
claim priority thereto	o, and the entire and exclusive ri	ght, title, and interest in and to any and	all patents granted on these
applications.			
	atent when granted, solely to the	icials in the United States and in any an e Assignee(s), for its sole use, and that o	
extent. Upon reques legal proceedings inc	t at the expense of the Assignee cluding patent prosecution action or convenient for securing and	Assignee to enjoy the foregoing right, to a light of the second of the s	all rightful oaths, testify in all other such acts which may be
I/We certify that I/we	e have the full right to convey the	ne above rights.	
	David HOPE SIMPSON		, Assignor
Date	(print name here)	(sign name here)	
	David CLARK		, Assignor
Date	(print name here)	(sign name here)	<u></u>
11/8/2011	Anup AGARWAL	Anup Agorwal	, Assignor
Date	(print name here)	(sign name here)	

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PATENT REEL: 027217 FRAME: 0762

RECORDED: 11/11/2011