501901362 04/26/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Ronald Jan ASJES	04/03/2012
Mark Christoph JAEGER	04/05/2012
Sima ASVADI	03/03/2012

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:	13504220	

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

ATTORNEY DOCKET NUMBER:	2009P01519WOUS
NAME OF SUBMITTER:	EDWARD W. GOODMAN

Total Attachments: 3

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> PATENT REEL: 028111 FRAME: 0357

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501901362

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:

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.

Date (sign name here)

(sign name here)

(sign name here)

(sign name here)

(print name here)

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Page 1 of 1

Date

For good and valual	ble consideration, of which	I/we acknowledge receipt, I/we as a below-	-named Assignor(s), hereby sell,
and assign, and tran	sfer the entire and exclusiv	ve right, title, and interest in the following to	Koninklijke Philips Electronics
N.V., having a place	e of business at Groenewor	idseweg 1, 5621 BA Eindhoven, the Nether	lands, its successors, assigns, and
legal representatives	s, including any nominees	(collectively "the Assignee") my/our invent	ion for which an application:
is executed conc	currently herewith		
	me/us on		
		having a Serial No.	
was filed on. 20	10-Nov-02, having an Inter	mational Application No. IB2010/054943,	
and all rights in and	to said application, and all	other United States, foreign and internation	nal patent applications associated
therewith, based the	reon, or claiming priority	herefrom including, but not limited to, any	and all provisionals, non-
provisionals division	ns, continuations, continua	tions-in-part, re-examinations, reissues, and	extensions thereof, and the right to
claim priority theret	o, and the entire and exclu	sive right, title, and interest in and to any an	d all patents granted on these
applications.			
	Patent when granted, solely	ce officials in the United States and in any a to the Assignee(s), for its sole use, and that	
extent. Upon reque-	st at the expense of the Assacluding patent prosecutions, or convenient for securing	e the Assignee to enjoy the foregoing right, signee, I/we agree to execute all papers, take actions and infringement actions, and do all g and maintaining patents on the foregoing i	all rightful oaths, testify in all other such acts which may be
I/We certify that I/w	ve have the full right to con	evey the above rights.	
	(sign name here)		, Assignor
Date	(print name here)	Ronald Jan ASJES	<u> </u>
	(print hame here)	Rohald dall Abbells	
CE 04 1011		Al line	
05.04. 2012		() Coope	, Assignor
Date	(print name here)	Mark Christoph JAEGER	
	(sign name here)		, Assignor

Page 1 of 1

Sima ASVADI

(print name here)

· ·	•	I/we acknowledge receipt, I/we as a below e right, title, and interest in the following to	• ,,,
N.V., having a place of	f business at Groenewou	dseweg 1, 5621 BA Eindhoven, the Nether	rlands, its successors, assigns, and
legal representatives, in	ncluding any nominees (collectively "the Assignee") my/our invent	tion for which an application:
is executed concurr	-		
-			
		having a Serial No	
was filed on. 2010-	Nov-02, having an Inter	national Application No. IB2010/054943,	
and all rights in and to	said application, and all	other United States, foreign and internation	nal patent applications associated
		herefrom including, but not limited to, any	
	-	ions-in-part, re-examinations, reissues, and	
•		sive right, title, and interest in and to any ar	-
applications.		-	
-		ce officials in the United States and in any	-
•	ent when granted, solely	to the Assignee(s), for its sole use, and that	t of its successors, assigns, and
legal representatives.			
I/We will provide my/o	our cooperation to enable	e the Assignee to enjoy the foregoing right,	title and interest to the fullest
•	•	ignee, I/we agree to execute all papers, take	
		actions and infringement actions, and do al	
		g and maintaining patents on the foregoing	
thereto in the Assignee	•		-
I/We certify that I/we h	ave the full right to con-	vey the above rights.	
	(sign name here)		, Assignor
Date	(print name here)	Ronald Jan ASJES	-
			A ,
Date	(sign name here)	Bank Chuistanh KARCEE	, Assignor
aur on the	(print name here)	Mark Christoph JAEGER	
		- Led	
30-03-2012	(sign name here)	Ola !	, Assignor

Page 1 of 1

Sima ASVADI

(print name here)

Date