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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hendrik Johannes Boudewijn Jagt	08/17/2010
Christian Kleynen	08/18/2010
Joanna Maria Elisabeth Baken	08/23/2010

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:	13384609

CORRESPONDENCE DATA

(914)332-0615 Fax Number: 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

NAME OF SUBMITTER: Michael A Epstein

Total Attachments: 3 source=assign#page1.tif source=assign#page2.tif source=assign#page3.tif

PATENT

REEL: 027548 FRAME: 0953

For good and valuab	le consideration, of which I/s	we acknowledge receipt, I/we as a below-na	med Assignor(s), hereby sell,
		ight, title, and interest in the following to K	
		eweg 1, 5621 BA Eindhoven, the Netherlan	
legal representatives	, including any nominees (co	dlectively "the Assignee") my/our invention	for which an application:
is executed concu	urrently herewith		
	me/us on		
		ving a Serial No	
was filed on, 09-	Aug-2010, having an Interna	tional Application No. PCT/IB2010/053590	Ď.
and all rights in and	to said application, and all or	her United States, foreign and international	natent applications associated
		refrom including, but not limited to, any and	
		ns-in-part, reexaminations, reissues, and ext	
		e right, title, and interest in and to any and a	
applications.			e i e e nombro de la composición del composición de la composici
I/We authorize and r	equest that the Patent Office	officials in the United States and in any and	all foreign countries to issue
		Koninklijke Philips Electronics N.V., for it	
successors, assigns,	and legal representatives.		
A			
I/We will provide m	y/our cooperation to enable t	he Assignee to enjoy the foregoing right, titl	e, and interest to the fullest
extent. Upon reques	t at the expense of the Assign	nee, I/we agree to execute all papers, take al	l rightful oaths, testify in all
legal proceedings in	cluding patent prosecution ac	tions and infringement actions, and do all o	ther such acts which may be
necessary, desirable,	or convenient for securing a	nd maintaining patents on the foregoing inv	ention or for perfecting title
thereto in the Assign	ec.		
I/We certify that I/w	e have the full right to conve	y the above rights.	
Ala:		E STATE STATE OF THE STATE OF T	
		1774	
-A August 20	(sign name here)		, Assignor
Date	(print name here)	Hendrik Johannes Boudewijn	
		JAGT	

4	(sign name here)		, Assignor
Date	(print name here)	Christian KLEYNEN	·
			**
\$1 ₈			
	(sign name here)		, Assignor
Date	(print name here)	Joanna Maria Elisabeth BAKEN	

PATENT REEL: 027548 FRAME: 0954 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. 09-Aug-2010, having an International Application No. PCT/IB2010/053590, 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 Date (print name here) Hendrik Johannes Boudewiin JAGT (sign name here) , Assignor (print name here) Christian (sign name here) , Assignor Date (print name here) Joanna Maria Elisabeth BAKEN

> PATENT REEL: 027548 FRAME: 0955

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

and assign, and trans	fer the entire and exclusive	right, title, and interest in the following to K	oninklijke Philips Electronics
N.V., having a place	of business at Groenewouds	seweg 1, 5621 BA Eindhoven, the Netherlan	nds, its successors, assigns, and
legal representatives,	including any nominees (co	ollectively "the Assignce") my/our invention	n for which an application:
is executed concu	mently herewith		
	ne/us on		
was filed on	, ha	ving a Serial No	riining
was filed on. 09-/	Aug-2010, having an Interna	tional Application No. PCT/IB2010/053590),
and all rights in and t	o said application, and all o	ther United States, foreign and international	patent applications associated
		refrom including, but not limited to, any an	
		ns-in-part, reexaminations, reissues, and ex	
claim priority thereto	, and the entire and exclusiv	e right, title, and interest in and to any and	all patents granted on these
applications.			
I/We authorize and re	equest that the Patent Office	officials in the United States and in any and	fall foreign countries to issue
any and all Letters Pa	tent when granted, solely to	Koninklijke Philips Electronics N.V., for i	ts sole use, and that of its
successors, assigns, a	nd legal representatives.		
	-	he Assignce to enjoy the foregoing right, tit	
	· · · · · · · · · · · · · · · · · · ·	nce, I/we agree to execute all papers, take a	· · · · · · · · · · · · · · · · · · ·
		tions and infringement actions, and do all c	· · · · · · · · · · · · · · · · · · ·
		nd maintaining patents on the foregoing inv	ention or for perfecting title
thereto in the Assigne	28.		
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I/We certify that I/we	have the full right to conve	y the above rights.	
	7 day		, K.
₹5	(sign name here)	TTO 3.55 T.S. and TWO A	, Assignor
Date	(print name here)	Hendrik Johannes Boudewijn	
		JAGT	
	(sign name here)		, Assignor
Date	(print name here)	Christian KLEYNEN	
	<i>a</i> ,		
		Marine Contract of the State of	
25-08-2010	(sign name here)	U Baken	, Assignor
Date	(print name here)	Joanna Maria Elisabeth BAKEN	

RECORDED: 01/18/2012

PATENT REEL: 027548 FRAME: 0956