PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ALBERT HENDRIK JAN IMMINK	11/01/2010
ALBERT GOOTZEN	11/01/2010
DIRK VANANDEROYE	05/17/2011
PETRUS JOHANNES WILHELMUS VAN LANKVELT	11/23/2010

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:	13140175

CORRESPONDENCE DATA

Fax Number: (914)332-0615

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 914-945-6000

Email: patti.demichele@philips.com

Correspondent Name: PHILIPS INTELLECTUAL PROPERTY & STANDARD

P.O. BOX 3001 Address Line 1:

Address Line 4: BRIARCLIFF MANOR, NEW YORK 10510

	ATTORNEY DOCKET NUMBER:	2008P01454WOUS
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NAME OF SUBMITTER: Daniel J. Piotrowski

Total Attachments: 4

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> **PATENT** REEL: 026769 FRAME: 0640

501630224

For good and valuab	le consideration, of which I/v	we acknowledge receipt, I/we as a below-nan	ned Assignor(s), hereby sell,
and assign, and trans	sfer the entire and exclusive r	ight, title, and interest in the following to Ko	ninklijke Philips Electronics
N.V., having a place	of business at Groenewouds	eweg 1, 5621 BA Eindhoven, the Netherland	s, its successors, assigns, and
legal representatives	, including any nominees (co	llectively "the Assignee") my/our invention	for which an application:
is executed concu	arrently herewith		
was executed by	me/us on		
was filed on	, ha	ving a Serial No	••••••
was filed on. 07-	Dec-2009, having an Internat	ional Application No. PCT/IB2009/055540,	
and all rights in and	to said application, and all ot	her United States, foreign and international p	atent applications associated
therewith, based then	reon, or claiming priority the	refrom including, but not limited to, any and	all provisionals, non-
provisionals division	s, continuations, continuation	ns-in-part, reexaminations, reissues, and exte	nsions thereof, and the right to
claim priority thereto applications.	o, and the entire and exclusiv	e right, title, and interest in and to any and al	l patents granted on these
I/We authorize and r	request that the Patent Office	officials in the United States and in any and	all foreign countries to issue
any and all Letters P	atent 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 m	y/our cooperation to enable t	he Assignee to enjoy the foregoing right, title	e, and interest to the fullest
extent. Upon reques	st at the expense of the Assign	nee, I/we agree to execute all papers, take all	rightful oaths, testify in all
legal proceedings in	cluding patent prosecution ac	tions and infringement actions, and do all oth	ner such acts which may be
necessary, desirable,	or convenient for securing a	nd maintaining patents on the foregoing inve	ntion or for perfecting title
thereto in the Assign	iee.		
I/We certify that I/w	e have the full right to conve	y the above rights.	
		MI	
1-11-2010	(sign name here)	7/100	, Assignor
Date	(print name here)	Albert Hendrik Jan IMMINK	
	(ciam mama hara)		, Assignor
D-4-	(sign name here)	Albert GOOTZEN	, Assignor
Date	(print name here)	Albert GOOTZEN	
	(sign name here)		, Assignor
Date	(print name here)	Dirk VANANDEROYE	
	(sign name here)		, Assignor
Date	(print name here)	Petrus Johannes Wilhelmus VAN	
	· ·	LANKVELT	

PATENT REEL: 026769 FRAME: 0641

to

For good and value	able consideration, of which I/v	we acknowledge receipt, I/we as a below-	named Assignor(s), hereby sell,
and assign, and tra	nsfer the entire and exclusive r	right, title, and interest in the following to	Koninklijke Philips Electronics
N.V., having a place	ce of business at Groenewouds	eweg 1, 5621 BA Eindhoven, the Nether	lands, its successors, assigns, and
legal representative	es, including any nominees (co	llectively "the Assignee") my/our invent	ion for which an application:
is executed con	currently herewith		
	y me/us on		
		ving a Serial No.	
		tional Application No. PCT/IB2009/0555	
and all rights in an	d to said application, and all ot	her United States, foreign and internation	nal patent applications associated
therewith, based th	ereon, or claiming priority the	refrom including, but not limited to, any	and all provisionals, non-
		ns-in-part, reexaminations, reissues, and	-
-		e right, title, and interest in and to any an	· · · · · · · · · · · · · · · · · · ·
applications.			S
I/We authorize and	I request that the Patent Office	officials in the United States and in any a	and all foreign countries to issue
any and all Letters	Patent when granted, solely to	Koninklijke Philips Electronics N.V., fo	r its sole use, and that of its
successors, assigns	s, and legal representatives.		
I/We will provide	my/our cooperation to enable t	he Assignee to enjoy the foregoing right,	title, and interest to the fullest
extent. Upon requ	est at the expense of the Assign	nee, I/we agree to execute all papers, take	all rightful oaths, testify in all
legal proceedings i	ncluding patent prosecution ac	tions and infringement actions, and do al	l other such acts which may be
necessary, desirabl	e, or convenient for securing a	nd maintaining patents on the foregoing	invention 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.	
	(sign name here)		, Assignor
Date	(print name here)	Albert Hendrik Jan IMMINK	
Inov 2010	(sign name here)	(\\\000\mathread)	, Assignor
Date	(print name here)	Albert GOOTZEN	
Date	(print hame here)	Allott 90012LIV	
	(sign name here)		, Assignor
Date	(print name here)	Dirk VANANDEROYE	
	\a		
	(sign name here)		, Assignor

Petrus Johannes Wilhelmus VAN

LANKVELT

(print name here)

Date

PATENT REEL: 026769 FRAME: 0642

is executed concurrently herewith was executed by me/us on	and assign, and transfer to N.V., having a place of b	he entire and exclusive righ usiness at Groenewoudsew	acknowledge receipt, I/we as a below-named at, title, and interest in the following to Konin eg 1, 5621 BA Eindhoven, the Netherlands, is ctively "the Assignee") my/our invention for	klijke Philips Electronics ts successors, assigns, and
was filed on		•		
Mass filed on. 07-Dec-2009, having an International Application No. PCT/IB2009/055540,				
therewith, based thereon, or claiming priority therefrom including, but not limited to, any and all provisionals, non-provisionals 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) Albert Hendrik Jan IMMINK , Assignor				
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	therewith, based thereon, provisionals divisions, co- claim priority thereto, and	or claiming priority therefunctions, continuations	rom including, but not limited to, any and all in-part, reexaminations, reissues, and extensi-	provisionals, non- ons thereof, and the right to
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) Albert Hendrik Jan IMMINK (sign name here) , Assignor	any and all Letters Patent	when granted, solely to Ko	-	-
(sign name here) , Assignor Date (print name here) Albert Hendrik Jan IMMINK (sign name here) , Assignor	extent. Upon request at t legal proceedings includi necessary, desirable, or c	he expense of the Assignee ng patent prosecution action	, I/we agree to execute all papers, take all rig ns and infringement actions, and do all other	htful oaths, testify in all such acts which may be
Date (print name here) Albert Hendrik Jan IMMINK (sign name here) , Assignor	I/We certify that I/we have	ve the full right to convey th	ne above rights.	
Date (print name here) Albert Hendrik Jan IMMINK (sign name here) , Assignor		(sign name here)		, Assignor
	Date		Albert Hendrik Jan IMMINK	· · · · · · · · · · · · · · · · · · ·
Date (print name here) Albert GOOTZEN		(sign name here)		, Assignor
11	Date	(print name here)	Albert GOOTZEN	
17-05-2011 (sign name here) , Assignor	17-05-2011	(sign name here)		, Assignor
Date (print name here) Dirk VANANDEROYE	Date	· · · · · ·	Dirk VANANDEROYE	,

Petrus Johannes Wilhelmus VAN

LANKVELT

DIEK

(sign name here)

(print name here)

Date

PATENT REEL: 026769 FRAME: 0643

, Assignor

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

N.V., having a place	of business at Groenewoud	right, title, and interest in the following to Koseweg 1, 5621 BA Eindhoven, the Netherlan ollectively "the Assignee") my/our invention	ds, its successors, assigns, and
	me/us on	aving a Serial No.	
was filed on. 07-1	Dec-2009, having an Interna	tional Application No. PCT/IB2009/055540	,
therewith, based ther provisionals division	eon, or claiming priority the s, continuations, continuations	ther United States, foreign and international crefrom including, but not limited to, any and ons-in-part, reexaminations, reissues, and extended registry, title, and interest in and to any and a	all provisionals, non- ensions thereof, and the right to
any and all Letters Pa		officials in the United States and in any and o Koninklijke Philips Electronics N.V., for its	
extent. Upon request legal proceedings ind necessary, desirable, thereto in the Assignation	t at the expense of the Assig cluding patent prosecution ac or convenient for securing a	the Assignee to enjoy the foregoing right, titlenee, I/we agree to execute all papers, take all ections and infringement actions, and do all of and maintaining patents on the foregoing inversely the above rights.	rightful oaths, testify in all her such acts which may be
Date	(sign name here) (print name here)	Albert Hendrik Jan IMMINK	, Assignor
Date	(sign name here) (print name here)	Albert GOOTZEN	, Assignor
Date	(sign name here) (print name here)	Dirk VANANDEROYE	, Assignor
23 Nov 2010	(sign name here)	mod	, Assignor
Date	(print name here)	Petrus Johannes Wilhelmus VAN LANKVELT	

RECORDED: 08/18/2011

PATENT REEL: 026769 FRAME: 0644