PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHANNES JOSEPH HUBERTINA BARBARA SCHLEIPEN	04/12/2012
JOANNES BAPTIST ADRIANUS DIONISIUS VAN ZON	03/28/2012
DERK JAN WILFRED KLUNDER	05/31/2012
TOON HENDRIK EVERS	03/28/2012
JOSEPHUS ARNOLDUS HENDRICUS MARIA KAHLMAN	05/31/2012
RON MARTINUS LAURENTIUS VAN LIESHOUT	03/28/2012
MIKHAIL MIKHAYLOVICH OVSYANKO	03/19/2012

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:	13498482

CORRESPONDENCE DATA

Fax Number: (914)332-0615 **Phone**: 914-945-6000

Email: patti.demichele@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

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Address Line 4: BRIARCLIFF MANOR, NEW YORK 10510

ATTORNEY DOCKET NUMBER: 2009P01573WOUS

PATENT
REEL: 028401 FRAME: 0956

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Total Attachments: 12 source=2009P01573WOUS_Assignment-2012Jun19#page1.tif source=2009P01573WOUS_Assignment-2012Jun19#page2.tif source=2009P01573WOUS_Assignment-2012Jun19#page3.tif source=2009P01573WOUS_Assignment-2012Jun19#page4.tif source=2009P01573WOUS_Assignment-2012Jun19#page5.tif source=2009P01573WOUS_Assignment-2012Jun19#page6.tif source=2009P01573WOUS_Assignment-2012Jun19#page7.tif source=2009P01573WOUS_Assignment-2012Jun19#page8.tif source=2009P01573WOUS_Assignment-2012Jun19#page9.tif source=2009P01573WOUS_Assignment-2012Jun19#page9.tif source=2009P01573WOUS_Assignment-2012Jun19#page10.tif source=2009P01573WOUS_Assignment-2012Jun19#page11.tif source=2009P01573WOUS_Assignment-2012Jun19#page12.tif

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iegai representativ	es, including any nominees (co	ollectively "the Assignee") my/our invention	for which an application:
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was filed on	, ha	wing a Serial No.	· · · · · · · · · · · · · · · · · · ·
was filed on. 2	3-Sep-2010, having an Internat	tional Application No. PCT/IB2010/054292,	
and all rights in ar	nd to said application, and all of	ther United States, foreign and international p	atent applications associated
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-	-	Koninklijke Philips Electronics N.V., for its	sole use, and that of its
successors, assign	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	including patent prosecution ac	ctions and infringement actions, and do all oth	er such acts which may be
necessary, desirab	le, or convenient for securing a	nd maintaining patents on the foregoing inve	ntion or for perfecting title
thereto in the Assi	gnee,		
I/We certify that I	we have the full right to conve	y the above rights.	
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	(sign name here)		, Assignor
Date	(print name here)	Joannes Baptist Adrianus Dionisius	
		VAN ZON	
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	(sign name here)		, Assignor
Date	(print name here)	Josephus Amoldus Henricus Maria	
		KAHLMAN	
	(sign name here)		, Assignor
Date	(print name here)	Ron Martinus Laurentius VAN	
		LIESHOUT	
	(sign name here)		, Assignor
Date	(print name here)	Mikhail Mikhaylovich	
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legal representatives, in	cluding any nominees (co	ollectively "the Assignee") my/our invention f	or which an application:
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I/We will provide my/or	ur cooperation to enable t	he Assignee to enjoy the foregoing right, title,	, and interest to the fullest
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Date	(print name here)	Johannes Joseph Hubertina Barbara	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
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29-03-2012	(sign name here)		, Assignor
Date	(print name here)	Joannes Baptist Adrianus Dionisius	
		VAN ZON	
	(sign name here)		, Assignor
Date	(print name here)	Derk Jan Wilfred KLUNDER	
	(sign name here)		, Assignor
Date	(print name here)	Toon Hendrik EVERS	***************************************

	(sign name here)		, Assignor
Date	(print name here)	Josephus Amoldus Henricus Maria	***************************************
		KAHLMAN	
28-3-2012	(sign name here)	44/	. Assignor
Date	(print name here)	Ron Martinus Laurentius VAN LIESHOUT	
	(sign name here)		, Assignor
Date	(print name here)	Mikhail Mikhaylovich	***************************************
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Date Date	(sign name here) (print name here) (sign name here) (print name here) (sign name here)	Johannes Joseph Hubertina Barbara SCHLEIPEN Joannes Baptist Adrianus Dionisius VAN ZON	, Assignor
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-	(sign name here)	Johannes Joseph Hubertina Barbara	, Assignor
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I/We certify that I/we	e have the full right to conve	y the above rights.	
extent. Upon reques legal proceedings inc	t at the expense of the Assign cluding patent prosecution ac or convenient for securing a	he Assignee to enjoy the foregoing right, title, nee, I/we agree to execute all papers, take all rations and infringement actions, and do all other administration patents on the foregoing inventions.	ightful oaths, testify in all er such acts which may be
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I/We authorize and r	equest that the Patent Office	officials in the United States and in any and a	Il foreign countries to issue
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legal representatives	, including any nominees (co	illectively "the Assignee") my/our invention for	
N.V., having a place legal representatives	of business at Groenewouds , including any nominees (co	right, title, and interest in the following to Kor neweg 1, 5621 BA Eindhoven, the Netherlands allectively "the Assignee") my/our invention for	, its successors, assigns, and

	(sign name here)		, Assignor
Date	(print name here)	Josephus Amoldus Henricus Maria	
		KAHLMAN	
	(sign name here)		, Assignor
Date	(print name bere)	Ron Martinus Laurentius VAN	
		LIESHOUT	
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Date	(print name here)	Mikhail Mikhaylovich	
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and assign, and trans N.V., having a place	ifer the entire and exclusive of business at Groenewoud	we acknowledge receipt, I/we as a below-nan right, title, and interest in the following to Ko seweg 1, 5621 BA Eindhoven, the Netherland offectively "the Assignee") my/our invention (ninklijke Philips Electronics s, its successors, assigns, and
was filed on	me/us on, h	aving a Serial Notional Application No. PCT/IB2010/054292,	
therewith, based ther provisionals division	eon, or claiming priority the s, continuations, continuatio	ther United States, foreign and international perefrom including, but not limited to, any and answin-part, reexaminations, reissues, and extended to any and all regist, title, and interest in and to any and all	all provisionals, non- nsions thereof, and the right to
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extent. Upon reques legal proceedings inc	t at the expense of the Assig duding patent prosecution ac or convenient for securing a	the Assignee to enjoy the foregoing right, title nee, I/we agree to execute all papers, take all a ctions and infringement actions, and do all oth and maintaining patents on the foregoing inves	rightful oaths, testify in all er such acts which may be
I/We certify that I/we	have the full right to conve	y the above rights.	
Date	(sign name here)	Johannes Joseph Hubertina Barbara	, Assignor
	(sign name here)	SCHLEIPEN	, Assignor
Dale 31 ^{JL} Mag 2012	(print name here)	Joannes Baptist Adrianus Dionisius VAN ZON	
)!	(sign name here) (print name here)	Derk Jan Wilfred KLUNDER	, Assignor
	(sign name here)		, Assignor

Toon Hendrik EVERS

Date

(print name here)

PATENT REEL: 028401 FRAME: 0964

, Assignor

	(sign name here)		, Assignor
Date	(print name here)	Josephus Amoldus Henricus Maria	
		KAHLMAN	
	(sign name here)		, Assignor
Date	(print name here)	Ron Martinus Laurentius VAN	***************************************
		LIESHOUT	
	(sign name here)		, Assignor
Date	(print name here)	Mikhail Mikhaylovich	***************************************
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For good and val	uable consideration, of which I/	we acknowledge receipt, I/we as a below-nam	ed Assignor(s), hereby sell,
and assign, and t	ransfer the entire and exclusive r	ight, title, and interest in the following to Kor	iinklijke Philips Electronics
N.V., having a pi	lace of business at Groenewouds	eweg 1, 5621 BA Eindhoven, the Netherlands	, its successors, assigns, and
legal representati	ives, including any nominees (co	llectively "the Assignee") my/our invention f	or which an application:
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applications.			
I/We authorize a	nd request that the Patent Office	officials in the United States and in any and a	Il foreign countries to issue
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Date	(print name here)	Josephus Arnoldus Henricus Maria	
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		KAHLMAN	
	(sign name here)		, Assignor
Date	(print name here)	Ron Martinus Laurentius VAN	
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	******************************		, Assignor
Date	(print name here)	Mikhail Mikhaylovich	
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RECORDED: 06/19/2012