PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Andre K. Nieuwland	01/09/2008
Sandeepkumar Goel	01/09/2008
Erik J. Marinissen	01/09/2008
Hubertus G. H. Vermeulen	01/09/2008
Hendrikus P. E. Vranken	01/09/2008

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:	12063156

CORRESPONDENCE DATA

Fax Number: 4085185671

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

Phone: 408-518-5500

Email: vilimaina.naga@nxp.com

Correspondent Name: Intellectual Property and Licensing NXP

Address Line 1: 411 East Plumeria Drive, MS41
Address Line 4: SAN JOSE, CALIFORNIA 95134

ATTORNEY DOCKET NUMBER:	000263US	
NAME OF SUBMITTER:	Vilimaina Naga	
Signature:	/Vilimaina Naga/	

502457064 REEL: 031002 FRAME: 0377

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Date:	08/13/2013
Total Attachments: 2 source=000263US_SIGNEDASSIGNMENT#page1.tif source=000263US_SIGNEDASSIGNMENT#page2.tif	

PATENT REEL: 031002 FRAME: 0378

assign, and transfer t	he entire and exclusive right, title	knowledge receipt, I/we, as a below-named a , and interest in the following to Koninklijke	Philips Electronics N.V.,
having a place of bu	siness at Groenewoudseweg 1, 56	21 BA Eindhoven, NL, its successors, assign	s, and legal representatives,
including any nomin	ees (collectively "the Assignee")	my/our invention for which an application:	
is executed conci			
was executed by	me/us on	Market State Control State Sta	
was filed on	ha	ving a Serial No.	
was filed on0	9 August 2006, having an Intern	ational Application No IB2006/052748	
therewith, based the divisions, continuati	reon, or claiming priority therefro ons, continuations-in-part, reexam	United States, foreign and international patent om including, but not limited to, any and all patentions, reissues, and extensions thereof, and atterest in and to any and all patents granted or	rovisionals, non-provisionals and the right to claim priority
YOU's must refus and	request that the Petent Office affi	cials in the United States and in any and all fo	weign countries to issues any
If we sufficient gure	starban arrated ealsh to Kanink	lijke Philips Electronics N.V., for its sole use	, and that of its successors,
assigns, and legal re		igno (Margo Arroya e e e e e e e e e e e e e e e e e e e	•
desirable, or conven Assignee.	ng patent prosecutional actions ar tient for securing and maintaining we have the full right to convey th (sign name here)	nd infringement actions, and do all other such patents on the foregoing invention or for per e above rights.	acts which may be necessary, fecting title thereto in the
Date	(print name here)	Andre K. NIEUWLAND	
Dav	(sign name here)	Cut-1	, Assignor
Date	(print name here)	Sandeepkumar GOEL	
	(sign name here)	The supplied of the supplied o	, Assignor
Date	(print name here)	EUNIMARTNISSEN	
Date	(sign name here) (print name here)	Hubertus G.H. VERMEULEN	, Assignor
	(sign name here)		, Assignor
Date	(print name here)	Hendrikus P.E. VRANKEN	

U.S.A. Sole/Joint ASSIGNMENT Docket No. PH600263 US

assign, and transfer having a place of bu	the entire and exclusive right, title isiness at Groenewoudseweg 1, 56	cknowledge receipt, I/we, as a below-named Ast, and interest in the following to Koninklijke P 21 BA Eindhoven, NL, its successors, assigns, my/our invention for which an application:	hilips Electronics N.V.,
is executed conc	currently herewith		
was executed by	me/us on	minima	
		ving a Serial No.	
was filed on0	99 August 2006, having an Intern	ational Application No. , IB2006/052748	
therewith, based the divisions, continuat	reon, or claiming priority therefro ions, continuations-in-part, reexan	United States, foreign and international patent a m including, but not limited to, any and all proninations, reissues, and extensions thereof, and terest in and to any and all patents granted on t	visionals, non-provisionals the right to claim priority
	nt when granted, solely to Koninkl	ials in the United States and in any and all fore lijke Philips Electronics N.V., for its sole use, a	· ·
Upon request at the proceedings includi desirable, or conver Assignee.	expense of the Assignee, I/we ago ng patent prosecutional actions an	ssignee to enjoy the foregoing right, title, and in the to execute all papers, take all rightful oaths, in different actions, and do all other such act patents on the foregoing invention or for perfect above rights.	testify in all legal ts which may be necessary,
	(sign name here)		Aggington
Date	(print name here)	André K. NIEUWLAND	, Assignor
Date	(sign name here)	Sandeepkumar GOEL	, Assignor
	(sign name here)	·	, Assignor
Date	(print name here)	Erik J. MARINISSEN	y 2 2000 g 2000
T	(sign name here)		, Assignor
Date	(print name here)	Hubertus G.H. VERMEULEN	
	(sign name here)		Assignor
Date	(print name here)	Hendrikus P.E. VRANKEN	

PATENT REEL: 031002 FRAME: 0380