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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Erik Martinus Hubertus Petrus VAN DIJK	07/07/2010
Erik BOONEKAMP	07/07/2010
Rene Henri Wouter VAN DER WAL	07/22/2010
Antonius Petrus Marinus DINGEMANS	07/17/2010

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:	13382938

CORRESPONDENCE DATA

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US

Mail.

Correspondent Name: MARK BELOBORODOV

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ATTORNEY DOCKET NUMBER:	2009P00805WOUS
NAME OF SUBMITTER:	MARK BELOBORODOV

Total Attachments: 3

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PATENT REEL: 027498 FRAME: 0467 \$40.00

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REEL: 027498 FRAME: 0468

		we acknowledge receipt, I/we as a below-na	
		right, title, and interest in the following to K	
		seweg 1, 5621 BA Eindhoven, the Netherlan	
legal representatives, inc	luding any nominees (co	ollectively "the Assignee") my/our invention	n for which an application:
is executed concurrer	itly herewith		
was executed by me/	us on		
		iving a Serial No.	
		ional Application No. PCT/IB2010/053085,	
and all rights in and to sa	aid 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	
		e right, title, and interest in and to any and	
applications.			
	t when granted, solely to	officials in the United States and in any and Koninklijke Philips Electronics N.V., for it	
extent. Upon request at t legal proceedings includi	the expense of the Assiging patent prosecution ac	he Assignee to enjoy the foregoing right, tit nee, I/we agree to execute all papers, take a ctions and infringement actions, and do all o and maintaining patents on the foregoing inv	I rightful oaths, testify in all ther such acts which may be
I/We certify that I/we ha	ve the full right to conve	y the above rights.	
		and the second second	
0 7/67/2016 Date	(sign name here)		, Assignor
Date '	(print name here)	Erik Martinus Hubertus Petrus	
		NANDÍIK	
1		oh Jam	
2/7/2010	(sign name here)	LABOONELLA "	, Assignor
Date!	(print name here)	Erik BOONEKAMP	
		•	
	(sign name here)		, Assignor
Date	(print name here)	René Henri Wouter VAN DER	
	and the second of the second o	WAL	
	(sign name here)		Assignor
Bota	(neint name bere)	Antonine Datros Marines	PATENT

DINGEMANS

REEL: 027498 FRAME: 0469

to

For good and valuable	consideration, of which I/	we acknowledge receipt, I/we as a below-n	named Assignor(s), hereby sell,
and assign, and transfer	the entire and exclusive :	right, title, and interest in the following to	Koninklijke Philips Electronics
		eweg 1, 5621 BA Eindhoven, the Netherla	
legal representatives, in	cluding any nominees (co	ollectively "the Assignee") my/our invention	on for which an application:
is executed concurre	ently herewith		
was executed by me	/us on	***************************************	
		ving a Serial No	ndara na sang nar
was filed on, 06-Jul	-2010, having an Internati	onal Application No. PCT/IB2010/053085	,
and all rights in and to	said application, and all of	ther United States, foreign and internations	il patent applications associated
therewith, based thereo	n, or claiming priority the	refrom including, but not limited to, any a	nd all provisionals, non-
provisionals divisions,	continuations, continuatio	ns-in-part, reexaminations, reissues, and e	xtensions thereof, and the right to
claim priority thereto, a applications.	nd the entire and exclusiv	e right, title, and interest in and to any and	all patents granted on these
	nt when granted, solely to	officials in the United States and in any as Koninklijke Philips Electronics N.V., for	
extent. Upon request at legal proceedings inclu-	t the expense of the Assig ding patent prosecution ac convenient for securing a	he Assignee to enjoy the foregoing right, t nee, I/we agree to execute all papers, take ations and infringement actions, and do all and maintaining patents on the foregoing in	all rightful oaths, testify in all other such acts which may be
I/We certify that I/we h	ave the full right to conve	y the above rights.	
	(sign name here)		, Assignor
Date	(print name here)	Erik Martinus Hubertus Petrus	
	(i	VAN DIJK	
	(sign name here)		, Assignor
Date	(print name here)	Erik BOONEKAMP	
		7	
22 July, 2010	(sign name here)	and the second s	, Assignor
Date	(print name here)	René Henri Wouter VAN DER WAL	
	(sign name here)		, Assignor
Date	(print name here)	Antonius Petrus Marinus	PATENT

DINGEMANS

I/We certify that I Date Date	(sign name here) (sign name here) (sign name here) (sign name here) (print name here) (sign name here) (sign name here) (sign name here) (print name here) (print name here)	Erik Martinus Hubertus Petrus VAN DIJK Erik BOONEKAMP René Henri Wouter VAN DER WAL	, Assignor , Assignor , Assignor PATENT
I/We certify that I Date	(sign name here) (print name here) (sign name here) (sign name here) (print name here) (sign name here)	Erik Martinus Hubertus Petrus VAN DIJK Erik BOONEKAMP René Henri Wouter VAN DER	, Assignor
I/We certify that I Date	(sign name here) (print name here) (sign name here) (sign name here) (print name here) (sign name here)	Erik Martinus Hubertus Petrus VAN DIJK Erik BOONEKAMP	, Assignor
I/We certify that I Date	(sign name here) (sign name here) (print name here)	Erik Martinus Hubertus Petrus VAN DIJK	
I/We certify that I Date	(sign name here) (sign name here) (print name here)	Erik Martinus Hubertus Petrus VAN DIJK	
I/We certify that I Date	(sign name here) (sign name here) (print name here)	Erik Martinus Hubertus Petrus VAN DIJK	
I/We certify that I	l/we have the full right to conve (sign name here)	Erik Martinus Hubertus Petrus	, Assignor
I/We certify that I	l/we have the full right to conve (sign name here)		, Assignor
		ey the above rights.	
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extent. Upon required legal proceedings necessary, desiral	uest at the expense of the Assig including patent prosecution a ole, or convenient for securing a	the Assignee to enjoy the foregoing right, title mee, I/we agree to execute all papers, take all ctions and infringement actions, and do all oth and maintaining patents on the foregoing inve	rightful oaths, testify in all her such acts which may be
any and all Letter	nd request that the Patent Office is Patent when granted, solely to is, and legal representatives.	e officials in the United States and in any and o Koninklijke Philips Electronics N.V., for its	all foreign countries to issue sole use, and that of its
claim priority the applications.	reto, and the entire and exclusi	ve right, title, and interest in and to any and al	Il patents granted on these
provisionals divis	sions, continuations, continuations	erefrom including, but not limited to, any and ons-in-part, reexaminations, reissues, and exte	all provisionals, non-
and all rights in a	and to said application, and all o	other United States, foreign and international	patent applications associated
was filed on.	06-Jul-2010, having an Internat	tional Application No. PCT/IB2010/053085,	
	by me/us on	aving a Serial No.	
Change	oncurrently herewith		
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legal representati	ives, including any nominees (c	collectively "the Assignce") my/our invention	ds, its successors, assigns, and for which an application:
N.V., having a pl legal representati	lace of business at Groenewoud	right, title, and interest in the following to Kolseweg 1, 5621 BA Eindhoven, the Netherland collectively "the Assignee") my/our invention	ds, its successors, assigns, and