PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DIMITRY NIKOLAYEVICH ZNAMENSKIY	03/14/2012
RUBEN RAJAGOPALAN	03/14/2012
RIFAT ATA MUSTAFA HIKMET	03/14/2012

RECEIVING PARTY DATA

Name:	Koninklijke Philips Electronics N V	
Street Address:	High Tech Campus 5	
City:	Eindhoven	
State/Country:	NETHERLANDS	
Postal Code:	5656AE	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14006146

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	2011P00181WOUS
NAME OF SUBMITTER:	TIMOTHY A. NATHAN
Signature:	/Timothy A. Nathan/

PATENT REEL: 031240 FRAME: 0179 14006

Date:	09/19/2013
Total Attachments: 2 source=2011P00181_ASSIGNMENT#page1.tif source=2011P00181_ASSIGNMENT#page2.tif	

PATENT REEL: 031240 FRAME: 0180

Date

(print name here)

For good and valuabl	e consideration, of which	I/we acknowledge receipt, I/we as a below-name	ed Assignor(s), hereby sell,
and assign, and transf	fer the entire and exclusive	e right, title, and interest in the following to Kon	inklijke Philips Electronics
N.V., having a place	of business at Groenewou	dseweg 1, 5621 BA Eindhoven, the Netherlands	, its successors, assigns, and
legal representatives,	including any nominees (collectively "the Assignee") my/our invention fo	or which an application:
is executed concu	rrently herewith		
was executed by r	ne/us on		
was filed on		having a Serial No.	•••••
was filed on. 2012	!-Mar-13 , having an Inter	national Application No. PCT/IB2012/051181,	
and all rights in and to	o said application, and all	other United States, foreign and international pa	tent applications associated
therewith, based there	eon, or claiming priority th	nerefrom including, but not limited to, any and a	ll provisionals, non-
provisionals divisions	s, continuations, continuat	ions-in-part, re-examinations, reissues, and exter	nsions thereof, and the right to
claim priority thereto	, and the entire and exclus	ive right, title, and interest in and to any and all	patents granted on these
applications.			
I/We authorize and re	equest that the Patent Offic	ce officials in the United States and in any and al	Il foreign countries to issue
any and all Letters Pa	tent when granted, solely	to the Assignee(s), for its sole use, and that of its	s 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 Ass	ignee, I/we agree to execute all papers, take all r	ightful oaths, testify in all
legal proceedings inc	luding patent prosecution	actions and infringement actions, and do all other	er such acts which may be
necessary, desirable,	or convenient for securing	and maintaining patents on the foregoing inven	tion or for perfecting title
thereto in the Assigne	ee.		
I/We certify that I/we	have the full right to com	vey the above rights.	
		and the state of t	
<u> 14.03.2012</u>	(sign name here)	F I Lew	A conformation
Date	(print name here)	Dmitry Nikolayevich ZNAMENSKIY	, Assignor
	(brun name nere)	Dinini a lauronaleanch Suamhichaduri	
14-03-2012	. (sign name here)	AL A	, Assignor
Date	(print name here)	Ruben RAJAGÓPÁLAN	, rissignor
	A	The section of the se	
	(sign name here)		, Assignor

Rifat Ata Mustafa HIKMET

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

		dseweg 1, S621 BA Eindhoven, the Netherla collectively "the Assignee") my/our invention	·-
is executed cond	currently herewith		
	y me/us on		
		having a Serial No	
was filed on. 20	112-Mar-13, having an Inter	national Application No. PCT/IB2012/0511	181,
and all rights in and	f to said application, and all	other United States, foreign and internationa	al patent applications associated
•		nerefrom including, but not limited to, any a	·
•		ions-in-part, re-examinations, reissues, and	
ciam priority there applications.	to, and the entire and exclus	ive right, title, and interest in and to any and	i an patents granted on these
	Patent when granted, solely	ce officials in the United States and in any a to the Assignee(s), for its sole use, and that	
extent. Upon reque legal proceedings in	est at the expense of the Ass neluding patent prosecution e, or convenient for securing	the Assignee to enjoy the foregoing right, to ignee, I/we agree to execute all papers, take actions 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/v	we have the full right to con	vey the above rights.	
	(sign name bere)		, Assignor
Date	(print name here)	Dmitry Nikolayevich ZNAMENSKI	¥
	(sign name bere)		<u>. Assignor</u>
Date	(print name here)	Ruben RAJAGOPALAN	
14.3.2012	(sign name here)	Jakhha -	. Assignor
<u>//://////////</u> Date	(print name here)	Rifat Ata Mustafa HIKMET	s.13.502.831.VI
	(hum name new)	ANDROSC CECOX LYABADO COCAROS ARBANANTARINA	

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