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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Cees Reinder Ronda	05/08/2013
Oleg Borisovich Shchekin	05/17/2013

RECEIVING PARTY DATA

Name:	Koninklijke Philips Electronics N.V.		
Street Address:	Groenewoudseweg 1		
City:	Eindhoven		
State/Country:	NETHERLANDS		
Postal Code:	5621		

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	13993086	

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Date:	07/31/2013

Total Attachments: 2 source=assign1#page1.tif source=assign1#page2.tif

> PATENT REEL: 030913 FRAME: 0585

CT \$40.00 15885

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	r the entire and exclusive	right, title, and interest in the following to Konin	klijke Philips Electronics
		Iseweg 1, 5621 BA Eindhoven, the Netherlands, i collectively "the Assignee") my/our invention for	
is executed concurr	•		
-	e/us on		
		aving a Serial Noational Application No. PCT/IB2011/055608,	
the state of the s		, , , , , , , , , , , , , , , , , , , ,	
		other United States, foreign and international pate	
		erefrom including, but not limited to, any and all	
		ons-in-part, re-examinations, reissues, and extens	
applications.	and the chine and exclusi	ve right, title, and interest in and to any and all pe	nems gramed on mese
		e officials in the United States and in any and all	·-
	nt when granted, solely to	to the Assignee(s), for its sole use, and that of its	successors, assigns, and
legal representatives.			
I/We will provide my/o	ur cooperation to enable	the Assignee to enjoy the foregoing right, title, as	nd interest to the fullest
		gnee, I/we agree to execute all papers, take all rig	
		ections and infringement actions, and do all other	
		and maintaining patents on the foregoing invention	on or for perfecting title
thereto in the Assignee.			
I/We certify that I/we h	ave the full right to conv	ey the above rights.	
4			
<u> 2015/05/08</u>	(sign name here)	Correlia Kembel Kondo	. Assignor
Date	(print name here)	Cees Reinder RONDA	
	(sign name here)		, Assignor
Date	(print name here)	Oleg Borisovich SHCHEKIN	, and a second s

Page 1 of 1

and assign, and transfer N.V., having a place of	the entire and exclusive r business at Groenewouds	ve acknowledge receipt, I/we as a belight, title, and interest in the followin eweg 1, 5621 BA Eindhoven, the Net llectively "the Assignee") my/our inv	g to Koninklijke Philips Electronics therlands, its successors, assigns, and
was filed on	√us on, ha	ving a Serial Noional Application No. PCT/IB2011/0	
therewith, based thereo provisionals divisions,	n, or claiming priority ther continuations, continuation	ner United States, foreign and interna efrom including, but not limited to, a is-in-part, re-examinations, reissues, e right, title, and interest in and to an	my and all provisionals, non- and extensions thereof, and the right to
		officials in the United States and in a the Assignee(s), for its sole use, and	
extent. Upon request a legal proceedings inclu	t the expense of the Assigr ding patent prosecution ac- convenient for securing at	ne Assignee to enjoy the foregoing rip ee, I/we agree to execute all papers, cions and infringement actions, and d and maintaining patents on the foregoi	take all rightful oaths, testify in all o all other such acts which may be
I/We certify that I/we h	ave the full right to convey	the above rights.	
Date	(sign name here) (print name here)	Cees Reinder RONDA	Assignor
May 17,2013 Date	(Neg Shichekin (sign name here) (print name here)	Oleg Box Servich SHCHEKIN	. Assignor

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