502911597 07/29/2014

PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PATRICK ALOUISIUS MARTINA DE BRUYCKER	01/15/2013
DMYTRO VIKTOROVYCH MALYNA	01/25/2013
HARALD JOSEF GÜNTHER RADERMACHER	02/13/2013

RECEIVING PARTY DATA

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Street Address:	High Tech Campus 5	
City:	Eindhoven	
State/Country:	NETHERLANDS	
Postal Code:	5656AE	

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	14375225		

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Email: edna.chapa@philips.com MICHAEL E. MARION **Correspondent Name:**

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NAME OF SUBMITTER:	YULIYA MATHIS
SIGNATURE:	/Yuliya Mathis/
DATE SIGNED:	07/29/2014

Total Attachments: 2

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> **PATENT** REEL: 033410 FRAME: 0610

502911597

For good and valuable consideration, of which I/we acknowledge receipt, I/we as a below-named Assignor(s), hereby s	sell,
and assign, and transfer the entire and exclusive right, title, and interest in the following to Koninklijke Philips Electron	nics
N.V., having a place of business at High Tech Campus 5,5656 AE, Eindhoven, the Netherlands, its successors, assigns	, and
legal representatives, including any nominees (collectively "the Assignee") my/our invention for which an application:	

	is ex	cecuted c	oncum	ently here	with						
	was	executed	l by me	√us on	*********	*********	*********	***********			
	was	filed on.	*********			, havir	ng a Seria	l No			************
\mathbb{N}	was	filed on.	. 25 Jac	i 2013 , ha	ving an l	Internation	al Applic	ation No.	PCT/IB:	2013/0506	1 6.

and all rights in and to said application, and all other United States, foreign and international patent applications associated therewith, based thereon, or claiming priority therefrom including, but not limited to, any and all provisionals, non-provisionals divisions, continuations, continuations-in-part, re-examinations, reissues, and extensions thereof, and the right to claim priority thereto, and the entire and exclusive right, title, and interest in and to any and all patents granted on these applications.

I/We authorize and request that the Patent Office officials in the United States and in any and all foreign countries to issue any and all Letters Patent when granted, solely to the Assignee(s), for its sole use, and that of its 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 Assignee, I/we agree to execute all papers, take all rightful oaths, testify in all legal proceedings including patent prosecution actions and infringement actions, and do all other such acts which may be necessary, desirable, or convenient for securing and maintaining patents on the foregoing invention or for perfecting title thereto in the Assignee.

I/We certify that I/we have the full right to convey the above rights.

15-01-2013	(sign name here)		
Date	(print name here)	Patrick Alouisius Martina DE	, Assignor
25-01-2013		BRUYCKER	D
Date	(print name here)	Dmytro Viktorovych MALYNA	, Assignor
Date	(print name here)	Harald Josef Günther	, Assignor

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and assign, and tr	ansfer the entire and exclusive r	ve acknowledge receipt, I/we as a below-na ight, title, and interest in the following to K mpus 5,5656 AE, Eindhoven, the Netherlar	oninklijke Philips Electronics
	**	llectively "the Assignee") my/our invention	
is executed co	ncurrently herewith		
was executed	by me/us on		
was filed on	, ha	ving a Serial No	
was filed on. 2	25 Jan 2013, having an Internati	onal Application No. PCT/IB2013/050646	,
and all rights in a	nd to said application, and all ot	her United States, foreign and international	patent applications associated
therewith, based t	hereon, or claiming priority the	refrom including, but not limited to, any an	d all provisionals, non-
provisionals divis	ions, continuations, continuation	ns-in-part, re-examinations, reissues, and ex	ktensions thereof, and the right to
claim priority the applications.	reto, and the entire and exclusive	e right, title, and interest in and to any and	all patents granted on these
echilosia erricita.			
I/We authorize an	d request that the Patent Office	officials in the United States and in any and	d all foreign countries to issue
any and all Letter	s Patent when granted, solely to	the Assignee(s), for its sole use, and that o	f its successors, assigns, and
legal representativ	ves.		
I/We will provide	my/our cooperation to enable the	he Assignee to enjoy the foregoing right, ti	tle, and interest to the fullest
extent. Upon req	uest at the expense of the Assign	ncc, I/we agree to execute all papers, take a	ll rightful oaths, testify in all
legal proceedings	including patent prosecution ac	tions and infringement actions, and do all o	other such acts which may be
necessary, desirat	ole, or convenient for securing a	nd maintaining patents on the foregoing in	vention or for perfecting title
thereto in the Ass	ignee.		
I/We certify that l	I/we have the full right to conve	y the above rights.	
	(sign name here)	District District DE	<u> </u>
Date	(print name here)	Patrick Alouisius Martina DE BRUYCKER	, Assignor
Date	(print name here)	Dmytro Viktorovych MALYNA	, Assignor
132 2013		HULL	
Date	(print name here)	Harald Josef Günther	, Assignor
		RADERMACHER	

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