503852193 06/02/2016

PATENT ASSIGNMENT COVER SHEET

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 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOEKE NOORDHUIS	11/15/2011
SIPKE THEO DOUMA	11/10/2011

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:	13818710

CORRESPONDENCE DATA

Fax Number: (914)495-9540

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Email: debbie.henn@philips.com

Correspondent Name: PHILIPS INTELLECTUAL PROPERTY & STANDARD

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ATTORNEY DOCKET NUMBER:	2010P00960WOUS
NAME OF SUBMITTER:	KATHLEEN A. ASHER
SIGNATURE:	/Kathleen A. Asher/
DATE SIGNED:	06/02/2016

Total Attachments: 2

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PATENT 503852193 REEL: 038772 FRAME: 0746

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 th	ie entire and exclusive r	ight, title, and interest in the followir	ig to Koninklijke Philips Electronics
			therlands, its successors, assigns, and
		dectively "the Assignee") my/our in	
is executed concurrent	ly herewith		
was executed by me/u	s on		
was filed on	ha	ving a Serial No	
was filed on. 2011-Au	g-30, having an Interna	tional Application No. PCT/IB2011/	053786,
and all rights in and to sai	d application, and all ot	her United States, foreign and intern	ational patent applications associated
therewith, based thereon,	or claiming priority the	refrom including, but not limited to,	any and all provisionals, non-
			and extensions thereof, and the right to
		e right, title, and interest in and to an	
applications.			
I/We authorize and reque	st that the Patent Office	officials in the United States and in a	my 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.			
1/8/o will negocide mu/mie	composition to enable t	he Assignee to enjoy the foregoing ri	esht title and interest to the follow
•	-	nce, I/we agree to execute all papers,	The second secon
		tions and infringement actions, and c	
		nd maintaining patents on the forego	·
thereto in the Assignee.	the comment of the processing the	one remining the property sie ton one alle	tates
I/We certify that I/we hav	e the full right to conve	y the above rights.	
		<u> </u>	
John Mark St. Mark	(sign name here)		, Assignor
<i> 5-100-2011</i> Date	(print name here)	Joeke NOORDHUIS	, 755181101
avece	(home imme mere)	ander indicates and	
Date	(print name here)	Sipke Theo DOUMA	
	·		

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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 N.V., having a place of business at Groenewoudseweg 1, 5621 BA Eindhoven, the Netherlands, its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee") my/our invention for which an application: is executed concurrently herewith was executed by me/us on was filed on having a Serial No. was filed on. 2011-Aug-30, having an International Application No. PCT/IB2011/053786, 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, nonprovisionals 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 cnable 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. (sign name here) , Assignor Jocke NOORDHUIS

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(print name here)

Sipke Theo DOUMA

PATENT REEL: 038772 FRAME: 0748

RECORDED: 06/02/2016

11/10/2011