# 502889985 07/14/2014

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	NEW ASSIGNMENT	
NATURE OF CONVEYANC	E: ASSIGNMENT	ASSIGNMENT	
CONVEYING PARTY DAT	A		
	Name	Execution Date	
JEROEN GERARDUS HEN	IRICUS KOPPENS	04/12/2013	
ERIK GOSUINUS PETRUS	SCHUIJERS	01/18/2013	
ARNOLDUS WERNER JO	HANNES OOMEN	01/18/2013	
LEON MARIA VAN DE KEI	RKHOF	01/18/2013	
RECEIVING PARTY DATA			
Name: K	ONINKLIJKE PHILIPS ELECTRONICS	6 N.V.	
Street Address:	IIGH TECH CAMPUS 5		

Street Address:	
City:	EINDHOVEN
State/Country:	NETHERLANDS
Postal Code:	5656 AE

Property Type	Number	
Application Number:	14372068	

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ATTORNEY DOCKET NUMBER:	2011P01965WOUS		
NAME OF SUBMITTER:	NOEMI CHAPA		
SIGNATURE:	/Noemi Chapa/		
DATE SIGNED:	07/14/2014		
Total Attachments: 3			

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## U.S.A. Sole/Joint

#### ASSIGNMENT

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 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:

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 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.

12-4-2013	(sign name here)	Mo	
Date	(print name here)	Joroen Gerardus Henricus KOPPENS	, Assignor
Date	(print name here)	Erik Gosuinus Petrus SCHUIJERS	, Assignor
Date	(print name here)	Arnoldus Werner Johannes OOMEN	, Assignor
Date	(print name here)	Leon Maria VAN DE KERKHOF	, Assignor

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	s executed concurrently herewith	
	was executed by me/us on	
	vas filed on	
$\boxtimes$	vas filed on. 17 Jan 2013, having an International Application No. PCT/IB20.	13/050419,

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.

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

	(sign name here)		
Date 18-Jan-2013	(print name here)	Jeroen Gerardus Henricus KOPPENS	, Assignor
Date	(print name here)	Erik Gosuinus Petrus SCHULJERS	Assignor
Date	(print name here)	Arnoldus Werner Johannes OOMEN	, Assignor
Date	(print name here)	Leon Maria VAN DE KERKHOF	, Assignor

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

	(sign name here)		
Date	(print name here)	Jeroen Gerardus Henricus KOPPENS	, Assignor
Date 18/01/2013	(print name here)	Erik Gosuinus Petrus SCHUIJERS	, Assignor
Date 18/01/2013	(print name here)	Arnoldus Werner Johannes OOMEN	, Assignor
Date	(print name here)	Leon Wine D BERKHOF	, Assignor



**RECORDED: 07/14/2014**