

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2854293

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
NICOLAAS JOHANNES ANTHONIUS VAN VEEN	12/03/2012
LEV GREGORIAN	11/28/2012
ANTONIUS WILHELMUS MARIA DE LAAT	12/03/2012
GERARDUS FRANCISCUS CORNELIS LIJTEN	11/28/2012
RAFAEL GOSHEN	11/28/2012
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	KONINKLIJKE PHILIPS ELECTRONICS N V
<b>Street Address:</b>	HIGH TECH CAMPUS 5
<b>City:</b>	EINDHOVEN
<b>State/Country:</b>	NETHERLANDS
<b>Postal Code:</b>	5656 AE
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14358058
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(440)483-2452
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	440-483-2373
<b>Email:</b>	patricia.heim@philips.com
<b>Correspondent Name:</b>	DOUGLAS B. MCKNIGHT
<b>Address Line 1:</b>	595 MINER ROAD
<b>Address Line 2:</b>	INTELLECTUAL PROPERTY & STANDARDS
<b>Address Line 4:</b>	CLEVELAND, OHIO 44143
<b>ATTORNEY DOCKET NUMBER:</b>	2011P00852WOUS
<b>NAME OF SUBMITTER:</b>	DOUGLAS B. MCKNIGHT
<b>SIGNATURE:</b>	/Douglas B. McKnight/
<b>DATE SIGNED:</b>	05/14/2014
<b>Total Attachments: 5</b>	
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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 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:

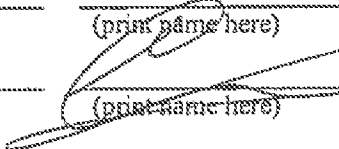
- is executed concurrently herewith
- was executed by me/us on .....
- was filed on. ...., having a Serial No. ....
- was filed on. 23 Nov 2012, having an International Application No. PCT/IB2012/056665,

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.

_____	(sign name here)	_____	_____
Date	(print name here)	Simha LEVENE	, Assignor
dec 3 2012		_____	_____
Date	(print name here)	Nicolas Johannes Antonius VAN VEEN	, Assignor
_____	(print name here)	Lev GREGORIAN	, Assignor
_____	(print name here)	Antonius Wilhelmus Marius DE LAAT	, Assignor
_____	(print name here)	Gerardus Franciscus Cornelis LIJTEN	, Assignor
_____	(print name here)	Rafael GOSHEN	, Assignor

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Date	(print name here)	Simha LEVENE	, Assignor
_____	(print name here)	_____	_____
Date	(print name here)	Nicolaas Johannes Anthonius VAN VEEN	, Assignor
28.11.2012	LEV GREGORIAN	<i>Lev Gregorian</i>	_____
_____	(print name here)	Lev GREGORIAN	, Assignor
_____	(print name here)	_____	_____
Date	(print name here)	Antonius Wilhelmus Maria DE LAAT	, Assignor
_____	(print name here)	_____	_____
Date	(print name here)	Gerardus Franciscus Cornelis LIJTEN	, Assignor
_____	(print name here)	_____	_____
Date	(print name here)	Rafael GOSHEN	, Assignor

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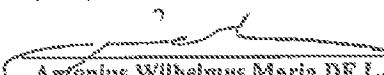
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..... Date	(print name here)	Nicolaus Johannes Anthonius VAN VEEN	..... , Assignor
..... Date	(print name here)	Lev GREGORIAN	..... , Assignor
3-12-2012 ..... Date	(print name here)	 Antonius Wilhelmus Maria DE LAAT	..... , Assignor
..... Date	(print name here)	Gerardus Franciscus Cornelis LIJTEN	..... , Assignor
..... Date	(print name here)	Rafael GOSHEN	..... , Assignor

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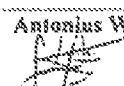
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..... Date	(print name here)	Lev GREGORIAN	..... , Assignor
..... Date	(print name here)	Antonius Wilhelmus Maria DE LAAT	..... , Assignor
26.12.11 - 267 ..... Date	(print name here)	 Gerardus Franciscus Cornelis LIJTEN	..... , Assignor
..... Date	(print name here)	Rafael GOSHEN	..... , Assignor

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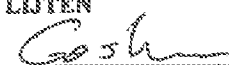
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Date	(print name here)	Lev GREGORIAN	, Assignor
_____	(print name here)	_____	_____
Date	(print name here)	Astonius Wilhelmus Maria DE LAAT	, Assignor
_____	(print name here)	_____	_____
Date	(print name here)	Gerardus Franciscus Corsetis LIJTEN	, Assignor
28 NOV 2012	RAPHAEL GOSHEN		_____
Date	(print name here)	Rafael GOSHEN	, Assignor