

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>HAROLD AGNES WILHELMUS SCHMEITZ</td> <td>01/09/2013</td> </tr> <tr> <td>MAREK JANUSZ BARTULA</td> <td>04/08/2013</td> </tr> <tr> <td>TIM JOHANNES WILLEM TIJS</td> <td>04/17/2012</td> </tr> <tr> <td>GIJS ANTONIUS FRANCISCUS VAN ELSWIJK</td> <td>04/19/2012</td> </tr> <tr> <td>MURRAY FULTON GILLIES</td> <td>04/17/2012</td> </tr> </tbody> </table>		Name	Execution Date	HAROLD AGNES WILHELMUS SCHMEITZ	01/09/2013	MAREK JANUSZ BARTULA	04/08/2013	TIM JOHANNES WILLEM TIJS	04/17/2012	GIJS ANTONIUS FRANCISCUS VAN ELSWIJK	04/19/2012	MURRAY FULTON GILLIES	04/17/2012
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GIJS ANTONIUS FRANCISCUS VAN ELSWIJK	04/19/2012												
MURRAY FULTON GILLIES	04/17/2012												
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													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14008094</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14008094								
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Application Number:	14008094												
CORRESPONDENCE DATA													
Fax Number:	9143320615												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	914-945-6000												
Email:	jo.cangelosi@philips.com												
Correspondent Name:	PHILIPS INTELLECTUAL PROPERTY & STANDARD												
Address Line 1:	P.O. BOX 3001												
Address Line 4:	BRIARCLIFF MANOR, NEW YORK 10510												
ATTORNEY DOCKET NUMBER:	2011P00326WOUS												
NAME OF SUBMITTER:	Eric G. Halsne												
Signature:	/ERIC. G. HALSNE/												

CH \$40.00 14008094

Date:

09/27/2013

Total Attachments: 8

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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:

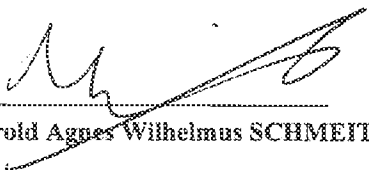
- is executed concurrently herewith
- was executed by me/us on
- was filed on, having a Serial No.
- was filed on. 2012-Apr-16, having an International Application No. PCT/IB2012/051875,

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.

<u>9 Jan 2013</u> Date	<u>(sign name here)</u> (print name here)	 <u>Harold Agnes Wilhelmus SCHMEITZ</u>	<u>Assignor</u>
 Date	<u>(sign name here)</u> (print name here)	 <u>Marek Janusz BARTULA</u>	<u>Assignor</u>
 Date	<u>(sign name here)</u> (print name here)	 <u>Tim Johannes Willem TIJS</u>	<u>Assignor</u>
 Date	<u>(sign name here)</u> (print name here)	 <u>Gijs Antonius Franciscus VAN ELSWIJK</u>	<u>Assignor</u>

Date

(sign name here)
(print name here)

Murray Fulton GILLIES

Assignor

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Date (sign name here) _____, Assignor
(print name here) **Harold Agnes Wilhelmus SCHMEITZ**

8.04.2013
Date (sign name here) _____, Assignor
(print name here) *Marek Bartula*
Marek Janusz BARTULA

Date (sign name here) _____, Assignor
(print name here) **Tim Johannes Willem TIJS**

Date (sign name here) _____, Assignor
(print name here) **Gijs Antonius Franciscus VAN ELSWIJK**

.....
Date

(sign name here)
(print name here)

.....
Murray Fulton GILLIES

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_____ (sign name here) _____, Assignor
 Date (print name here) **Harold Agnes Wilhelmus SCHMEITZ**

_____ (sign name here) _____, Assignor
 Date (print name here) **Marek Janusz BARTULA**

17-4-2012 (sign name here) _____, Assignor
 Date (print name here) **Tim Johannes Willem TIJS**

_____ (sign name here) _____, Assignor
 Date (print name here) **Gijs Antonius Franciscus VAN ELSWIJK**

17-4-202

Date

(sign name here)

(print name here)

M Gillies

Murray Fulton GILLIES

, Assignor

Page 2 of 2

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Date	(print name here)	Harold Agnes Wilhelmus SCHMETZ	

_____	(sign name here)_____	_____	Assignor_____
Date	(print name here)	Marek Janusz BARTULA	

_____	(sign name here)_____	_____	Assignor_____
Date	(print name here)	Tim Johannes Willem TIJS	

19/4/2012	(sign name here)_____		Assignor_____
Date	(print name here)	Gijs Antonius Franciscus VAN ELSWIJK	

.....
Date

(sign name here).....
(print name here)

.....
Murray Fulton GILLIES

Assignor.....