

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Bozena ERDMANN | 04/13/2010 |
| Armand Michel Marie LELKENS | 04/13/2010 |
| Willem Franke PASVEER | 04/13/2010 |
| Eberhard WAFFENSCHMIDT | 07/13/2010 |
| Achim HILGERS | 07/13/2010 |
| Biju Kumar SREEDHARAN NAIR | 04/15/2010 |
| 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: | 13202196 |
| CORRESPONDENCE DATA | |
| Fax Number: | (914)332-0615 |
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| Correspondent Name: | PHILIPS INTELLECTUAL PROPERTY & STANDARD |
| Address Line 1: | P.O. BOX 3001 |
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| ATTORNEY DOCKET NUMBER: | 2009P00516WOUS |
| NAME OF SUBMITTER: | Noemi Chapa |

CH \$40.00 13202196

Total Attachments: 6

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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, 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, NL, 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 February 23, 2010, having an International Application No.PCT/IB2010/050788 ,

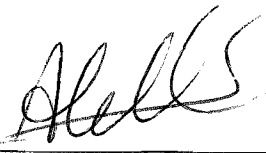
and all rights in and to said application, and all other United States, foreign and international patent applications associated therewith, based thereon, or claiming priority therefrom including, but not limited to, any and all provisionals, non-provisionals divisions, continuations, continuations-in-part, reexaminations, 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 issues any and all Letters Patent when granted, solely to Koninklijke Philips Electronics N.V., 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 prosecutorial 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.

13.04.2010 (sign name here) Erdrmann , Assignor
Date (print name here) Bozena ERDMANN



13.04.2010 (sign name here)
Date (print name here)

Armand, Michel, Marie LELKENS

, Assignor

(sign name here)
Date (print name here)

Willem, Franke PASVEER

, Assignor

(sign name here)
Date (print name here)

Eberhard WAFFENSCHMIDT

, Assignor

(sign name here)
Date (print name here)

Achim HILGERS

, Assignor

(sign name here)
Date (print name here)

Biju Kumar SREEDHARAN NAIR

, Assignor

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


| | | | |
|------|-------------------|----------------|------------|
| | (sign name here) | | , Assignor |
| Date | (print name here) | Bozena ERDMANN | |

Date (sign name here)
(print name here) Armand, Michel, Marie LELKENS _____, Assignor

13-04-2010
Date (sign name here)
(print name here)  _____, Assignor
Willem, Franke PASVEER

Date (sign name here)
print name here) Eberhard WAFFENSCHMIDT _____, Assignor

Date (sign name here)
print name here) Achim HILGERS _____, Assignor

15-04-2010
Date (sign name here)
print name here)  _____, Assignor
Biju Kumar SREEDHARAN NAIR

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|------|-------------------|----------------|------------|
| | (sign name here) | | , Assignor |
| Date | (print name here) | Bozena ERDMANN | |

Date (sign name here) _____
(print name here) Armand, Michel, Marie LELKENS _____, Assignor

Date (sign name here) _____
(print name here) Willem, Franke PASVEER _____, Assignor

13. July 2010 (sign name here) _____
Date (print name here) Eberhard Waffenschmidt _____, Assignor
Eberhard WAFFENSCHMIDT

13-7-2010 (sign name here) _____
Date (print name here) Achim Hilgers _____, Assignor
Achim HILGERS

Date (sign name here) _____
(print name here) Biju Kumar SREEDHARAN NAIR _____, Assignor