| Form PTO-1595 (Rev. 07/05) <u>OMB</u> No. 0651-0027 (exp. 6/30/2008) | U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Offic | |
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| | DRM COVER SHEET | |
| PATEN | <u>IS ONLY</u> | |
| To the Director of the U.S. Patent and Trademark Office: Plea | se record the attached documents or the new address(es) below. | |
| 1. Name of conveying party(ies) | 2. Name and address of receiving party(les) | |
| Martin Franciscus McKinney Dirk Jeroen Breebaarat | Name: KONINKLIJKE PHILIPS ELECTRONICS, N.V. | |
| Steven Leonardus Josephus Dimphina Elisabeth Van De Par Ludovic Albert Jozef Van Paepegem | Internal Address: | |
| Additional name(s) of conveying party(ies) attached? 🗌 Yes 🗹 No | | |
| 3. Nature of conveyance/Execution Date(s): | Street Address: GROENENWOUDSEWEG 1 | |
| Execution Date(s) August 23, 2005; September 5, 2005 | | |
| Security Agreement Change of Name | City: EINDHOVEN | |
| Joint Research Agreement | | |
| Government Interest Assignment | State: | |
| Executive Order 9424, Confirmatory License | Country: THE NETHERLANDS Zip: 5621 BA | |
| Other | Additional name(s) & address(es) attached? Yes I No | |
| 10/545,185 Additional numbers at | tached? Yes INo | |
| 5. Name and address to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved: 1 | |
| Name: PHILIPS ELECTRONICS NORTH AMERICA CORP. | 7. Total fee (37 CFR 1.21(h) & 3.41) \$_40.00 | |
| Internal Address: P.O. BOX 3001 | Authorized to be charged by credit card | |
| | Authorized to be charged by creat card | |
| Street Address: 345 SCARBOROUGH ROAD | | |
| | None required (government interest not affecting title) | |
| | 8. Payment Information | |
| State: NYZip:_10510-8001 | a. Credit Card Last 4 Numbers Expiration Date | |
| Phone Number: (914) 945-6000 | | |
| Fax Number: (914) 332-0615 | b. Deposit Account Number <u>14-1270</u> | |
| Email Address: | Authorized User Name <u>Yan Glickbarg</u> | |
| 9. Signature: | | |
| 9. Signature: Jan Shielbury Signature | <u> </u> | |
| Yan Glickberg, Reg. 51,742 | Total number of pages including cover | |
| Name of Person Signing | sheet, attachments, and documents: | |

Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

Ú.S.A. Sole/Joint

ASSIGNMENT

Docket No. PHNL030136

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:

| | s executed concurrently herewith |
|-------------|--|
| | vas executed by me/us on |
| | vas filed on, having a Serial No |
| \boxtimes | vas filed on. 28 January 2004, having an International Application No.PCT/IB2004/050059, |

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 prosecutional 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 Assignce.

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

| Misa.C | |
|----------------------------|--|
| Mat Millin | |
| Martin Franciscus MCKINNEY | |

BREEBAARI

, Assignor

23 August 2005 Date

(print name here)

(sign name here)

(sign name here)

(print name here)

(sign name here)

(print name here)

(sign name here)

(print name here)

, Assignor

23 August 2005 Date

23 August 2005

, Assignor

Steven Leonardus Josephus Dimphina Elisabeth VAN DE PAR

, Assignor

Date

Date

Ludovic Albert Jozef VAN PAEPEGEM

PATENT REEL: 017456 FRAME: 0616

U.S.A. Sole/Joint

ASSIGNMENT

Docket No. PHNL030136

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 | |
| \boxtimes | was filed on. 28 January 2004, having an International Application No.PCT/IB | 2004/050059, |

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.

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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) | Martin Franciscus MCKINNEY | |
| | (sign name her e) | | , Assignor |
| Date | (print name here) | Dirk Jeroen BREEBAART | |
| | (sign name here) | | , Assignor |
| Date | (print name here) | Steven Leonardus Josephus Dimphina Elisabeth VAIVDE PAR | |
| 5 September 2005 Date | (sign name here) (print name here) | Ludovic Albert Jozef VAN PAEPEGEM | , Assignor |

PATENT REEL: 017456 FRAME: 0617

RECORDED: 04/07/2006