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Form PTO 1595 (Rev. 6-93)

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2. Name and address of receiving party(ies): Name: KONINKLIJKE PHILIPS ELECTRONICS N.V. Street Address: GROENEWOUDSEWEG 1 City: 5621 BA EINDHOVEN Country: THE NETHERLANDS. Additional name(s) & address(es) attached? Yes [ ] No [X]

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4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application, is A. Patent Application No.(s) 09/408,789 B. Patent No.(s) Additional numbers attached? [ ] Yes [X] No

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5. Name and address of party to whom correspondence concerning document should be mailed: Name: PHILIPS ELECTRONICS NORTH AMERICA CORPORATION Street Address: 580 WHITE PLAINS ROAD City: TARRYTOWN State: NY Zip: 10591

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) ...\$40.00 [ ] Enclosed [X] Authorized to Deposit Account

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Execution Date: 9/30/1999

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PHA 23,771A



Form PTO 1595 (Rev. 6-93)

U.S. Dept. of Commerce Patent and Trademark Office

To the Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Philips Electronics North America Corporation Additional name(s) of conveying party(ies) attached?  Yes  No 06/24/02

2. Name and address of receiving party(ies): Name: Koninklijke Philips Electronics N.V. Internal Address: Street Address: Groenewoudseweg 1 5621 BA Eindhoven, The Netherlands

3. Nature of conveyance:  Assignment  Merger  Security Agreement  Change of Terms  Other Execution Date: ✓

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If this document is being filed together with a new application, the execution date of the application, is \_\_\_\_\_

A. Patent Application No. (s)

09/408,789

B. Patent No. (s)

Additional numbers attached?

Yes

No

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6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41) ...\$40.00

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Eric M. Bram, Reg. 37,285 Name of Person Signing

Signature

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PATENT REEL: 013673 FRAME: 0594

**ASSIGNMENT**

Docket No. PHA 23,771A

**Philips Electronics North America Corporation** a Delaware Corporation having an office at 1251 Avenue of the Americas New York, NY 10020, in consideration of one dollar and other good and valuable consideration, the receipt of which is hereby acknowledged, hereby sells, assigns, and transfers the entire right, title, and interest in the following patent application 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"):

**Application No. 09/408,789 Filing Date September 30, 1999**

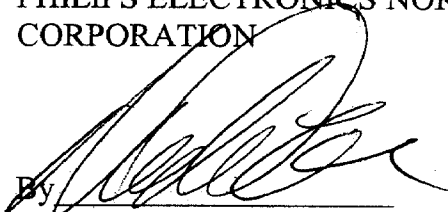
including all divisions, continuations, reissues, and extensions, and all patents granted on these applications.

The Assignor will provide its cooperation to enable the Assignee to enjoy the foregoing right, title, and interest to the fullest extent. Upon request of and at the expense of the Assignee, Assignor agrees 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. Assignor authorizes and requests that these patents be issued to the Assignee.

Assignor certifies that it has the full right to convey the above rights.

Dated: 9/4/02

PHILIPS ELECTRONICS NORTH AMERICA  
CORPORATION

By   
Michael E. Marion  
Authorized Signatory

**ASSIGNMENT**

Docket No. PHA 23,771A

**Philips Electronics North America Corporation** a Delaware Corporation having an office at 1251 Avenue of the Americas New York, NY 10020, in consideration of one dollar and other good and valuable consideration, the receipt of which is hereby acknowledged, hereby sells, assigns, and transfers the entire right, title, and interest in the following patent application 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"):

**Application No. 09/408,789      Filing Date September 30, 1999**

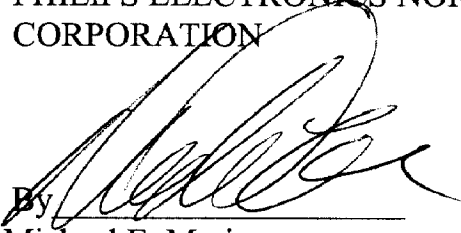
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Assignor certifies that it has the full right to convey the above rights.

Dated: 9/4/02

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Michael E. Marion  
Authorized Signatory