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pha 23,709



Form PTO 1595 (Rev. 6-93)

101185750

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

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

MARCEL F. SCHEMMANN  
VENKATESH G. MUTALIK

Additional name(s) of conveying party(ies) attached?

Yes  No

2. Name and address of receiving party(ies):

Name: PHILIPS ELECTRONICS NORTH AMERICA CORP.

Internal Address: \_\_\_\_\_

Street Address: 1251 Avenue of the Americas

City: New York State: NY Zip: 10020-1104

Additional name(s) & address(es) attached?

Yes  No

3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Terms  
 Other \_\_\_\_\_

Execution Date: AUGUST 3, 1999, SEPTEMBER 3, 1999

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)

09/343,913

B. Patent No.(s)

Additional numbers attached?

Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: U.S. Philips Corp.

Internal Address: \_\_\_\_\_

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  Authorized to Deposit Account

8. Deposit Account Number: 14-1270

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

MICHAEL E. MARION REG. 32,266  
Name of Person Signing

Signature

10/22/99  
Date

Total number of pages including cover sheet, attachments, and document: 2

Mail documents to be recorded with required cover sheet information to:  
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PATENT  
REEL: 010333 FRAME: 0607

SOLE/JOINT ASSIGNMENT

Docket No. PHA 23,709

For good and valuable consideration, I, as a below-named Assignor, hereby sell, assign, and transfer the entire right, title, and interest in the following to PHILIPS ELECTRONICS NORTH AMERICA CORPORATION, a DELAWARE corporation having a place of business at 1251 AVENUE OF THE AMERICAS, NEW YORK, NY 10020-1104, its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee"):

(1) my/our invention relating to "PRE-SHAPING LASER MODULATION SIGNALS TO INCREASE MODULATION INDEX" as described in the U.S. patent application  
[ ] executed concurrently herewith,  
[ ] executed on \_\_\_\_\_,  
[X ] filed in the United States Patent and Trademark Office on JUNE 30, 1999, as Serial Number 09/343,913.

(2) the foregoing application and all other U.S. and foreign patent applications based thereon, including divisions, continuations, reissues, and extensions, and

(3) all patents granted on these applications.

I will provide my 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 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 authorize and request that these patents be issued to the Assignee.

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

31/8/99 (signature) \_\_\_\_\_, Assignor  
Date MARCEL F. SCHEMMANN

sep 3, 1999 (signature) \_\_\_\_\_, Assignor  
Date VENKATESH G. MUTALIK

\_\_\_\_\_(signature) \_\_\_\_\_, Assignor  
Date

\_\_\_\_\_(signature\*) \_\_\_\_\_, Assignor  
Date

\*Signatures and printed names must exactly match those on the patent application Declaration.

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