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ocket No.: 82446-1

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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

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

1. Name of conveying party(ies):  
**Ronald H. Gerhards**  
*10-23-01*

Additional names(s) of conveying party(ies)  Yes  No

2. Name and address of receiving party(ies):  
Name: **Koninklijke Philips Electronics N.V.**  
Internal Address: \_\_\_\_\_

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Execution Date: **September 17, 2001**

Street Address: **Groenewoudseweg 1,**  
**5621 BA**  
City: **Eindhoven** State: **NL** ZIP: \_\_\_\_\_

Additional name(s) & address(es) attached?  Yes  No

4. Application number(s) or registration numbers(s):  
If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)  
**09/903,645**

Additional numbers attached?  Yes  No

B. Patent No.(s)

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: **Pam Conboy**  
Internal Address: **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 - Any excess or insufficiency should be credited or debited to deposit account  
 Authorized to be charged to deposit account

8. Deposit account number:  
**06-0713**

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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.*

**John W. Knox, Reg. # 35,776** *[Signature]* **October 22, 2001**

Name of Person Signing Signature Date

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

SOLE/JOINT ASSIGNMENT

Attorney Docket No. 13719(82446-1)  
Assignee Docket ID US 018106

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 **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"):

(1) my/our invention relating to "**METHOD AND APPARATUS FOR SEARCHING FOR A PREDEFINED CODE IN A BIT STREAM**" as described in the U.S. patent application

- executed concurrently herewith,
- executed on \_\_\_\_\_,
- filed in the United States Patent and Trademark Office on **July 13, 2001** as Serial Number **09/903,645**,

(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.

Sept. 17/01  
Date

  
\_\_\_\_\_, Assignor  
Ronald H. Gerhards