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US 010221



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Form PTO 1595  
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Patent and Trademark

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

1. Name of conveying party(ies):  
YONG YAN  
KIRAN CHALLAPALI  
Additional name(s) of conveying party(ies) attached?  
Yes  No

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  
Additional name(s) & address(es) attached?  
Yes  No   
09844457

1046 U.S. PTO  
09/844457  
04/27/01

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Terms  
 Other \_\_\_\_\_  
Execution Date: APRIL 19, 2001

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 april 27, 2001  
A. Patent Application No.(s) NONE YET  
B. Patent No.(s) Additional numbers attached? No  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: U.S. Philips Corporation  
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  
(Attach duplicate copy of this page paying by deposit account)

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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.  
Russell Gross, Reg. 40,007  
Name of Person Signing Russell Gross Signature 4/27/01 Date  
Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:  
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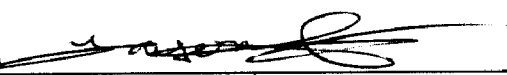
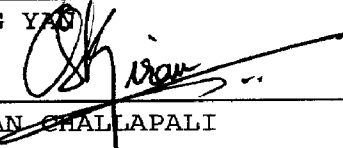
SOLE/JOINT ASSIGNMENT Docket No. \_\_\_\_\_

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 DISTORTION QUANTIZER MODEL FOR VIDEO ENCODING as described in the U.S. patent application
  - [XX] executed concurrently herewith,
  - [ ] executed on \_\_\_\_\_,
  - [ ] filed in the United States Patent and Trademark Office on \_\_\_\_\_ as Serial Number \_\_\_\_\_,
- (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.

<u>4/19/2001</u> Date	<u>(signature*) </u> (printed name*) YONG YAO, Assignor
<u>4/19/2001</u> Date	<u>(signature*) </u> (printed name*) KIRAN CHALLAPALI, Assignor
_____ Date	<u>(signature*) _____</u> (printed name*) _____, Assignor

State of NEW YORK )  
County of )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2001 before me personally appeared

known to me to be the person(s) who executed the foregoing assignment and acknowledged to me that he/they executed this assignment of his/their own free will.

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Notary Public