

MRD

1-20-99

PHA 23,549

01-21-1999



100947315

Form PTO 1595  
(Rev. 6-93)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):

JERRY HONGBIN HAO  
WILLIAM W. KOLB

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

☐ Yes☒ No

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

Name: PHILIPS ELECTRONICS NORTH AMERICA CORPORATION

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

Street Address: 1251 Avenue of the AmericasCity: New York State: NY Zip: 10020-1104

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

☐ Yes☒ No

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Terms

Other \_\_\_\_\_

Execution Date: December 29, 1998

## 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)

09/200,641

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 Corporation

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

Street Address: 580 White Plains RoadCity: Tarrytown State: NY Zip: 10591

## 6. Total number of applications and patents involved:

17. Total fee (37 CFR 3.41) \$40.00☐ Enclosed☒ Authorized to Deposit Account8. Deposit Account Number: 14-1270

(Attach duplicate copy of this page paying by deposit account)

DO NOT USE THIS SPACE

## 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.

DICRAN HALAJIAN, Reg. 39,703  
Name of Person Signing[Signature]  
Signature1/13/99  
DateTotal number of pages including cover sheet, attachments, and document: 2Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents and Trademarks  
Box Assignments  
Washington, D.C. 20231

S:\MK\MISCEN\S\ME13MKCO.MAO

01/20/1999 SBURNS 00000217 141270 09200641

01 FC:581

40.00 CH

PATENT  
REEL: 9701 FRAME: 0056

SOLE/JOINT ASSIGNMENTDocket No. PHA 23,549

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 corporation having a place of business at 1251 Avenue of the Americas, New York, NY 10020, its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee"):

(1) my/our invention relating to "**A PULSE EDGE DETECTOR WITH DOUBLE RESOLUTION**" as described in the U.S. patent application

[ ] executed concurrently herewith,

[ ] executed on \_\_\_\_\_,

[X] filed in the United States Patent and Trademark Office  
on November 25, 1993 as Serial Number 09/200,641

(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.

J. 10 1999  
Date

(signature) *Jerry Hongbin Hao* Assignor  
(printed name) **Jerry Hongbin Hao**

11 1999  
Date

(signature) *William W. Kolb* Assignor  
(printed name) **William W. Kolb**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_ 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.

\_\_\_\_\_  
Notary Public