

MRD 11-17-98

Form PTO-1595  
1-31-92

Q45148

09-08-1998

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Honorable Commissioner of Patents

100822616

.hed original documents or copy thereof.

1. Name of conveying party(ies):  
Yoshimi TOMITA and Hiroki KURIBAYASHIAdditional name(s) of conveying party(ies) attached?  
☐ yes ☒ no

3. Nature of Conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: June 5, 1997

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

Name:  
PIONEER ELECTRONIC CORPORATION  
Internal Address:  
4-1, Meguro 1-chome, Meguro-ku, Tokyo, Japan  
Street Address:  
Same as above

City State Zip

Additional name(s) & address(es) attached?  
☐ yes ☒ no

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: **NOV 17 1997**

A. Patent Application No.(s)

08/847,357

B. Patent No(s).

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence  
concerning document should be mailed:SUGHRUE, MION, ZINN, MACPEAK & SEAS  
2100 Pennsylvania Avenue, N.W.  
Suite 800  
Washington, D.C. 20037-32026. Total number of applications and patents involved:  
One (1)7. Total Fee (37 CFR 3.41): \$ 40.00  
☒ Enclosed. Please charge any underpayment in  
connection with this Assignment to Deposit Account No. 19-  
4880.☐ Authorized to be charged to Deposit Account

8. Deposit Account No.

(Attach dupl. copy of this page if paying by Deposit Account)

DO NOT WRITE IN 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.  
Name Daryl Mexic Reg. No. 23,063November 17, 1997  
Date

TOTAL NUMBER OF PAGES INCLUDING COVER SHEET, ATTACHMENTS AND DOCUMENT: 3

OMB No. 0651-0011 (exp. 4/94)

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents and Trademarks  
Box Assignments  
Washington, D.C. 20231

PATENT

REEL: 9417 FRAME: 0672

## ASSIGNMENT

In consideration of the sum of ten dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, the undersigned agree to assign, and hereby do assign, transfer, and set over to:

Pioneer Electronic Corporation

having the address:

4-1, Meguro 1-chome, Meguro-ku, Tokyo, Japan

(hereinafter designated as the "ASSIGNEE") the entire right, title, and interest for the United States and all foreign countries (including protection in foreign countries via the Patent Cooperation Treaty), in the invention, and all applications for patent and any Letters Patent which may be granted therefor, the application being known by the Title:

APPARATUS FOR REPRODUCING RECORDED INFORMATION

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

filed on April 24, 1997,

NOV 1 7 1997

Serial No. 08/847,357

1. The undersigned agree to execute all papers necessary in connection with the application and any continuing or devotional applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

2. The undersigned agree to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the ASSIGNEE in every way possible in obtaining evidence and going forward with such interference.

3. The undersigned agree to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial property or similar agreements.

4. The undersigned agree to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the ASSIGNEE.

5. The undersigned hereby authorize and request the commissioner of Patents in the United States and the appropriate national or regional authority in each foreign country to issue any and all Letters Patents resulting from said application or any division or divisions or continuing applications thereof to the said ASSIGNEE, as ASSIGNEE of the entire interest, and hereby covenants that they have full right to convey the entire interest herein assigned, and that they have not executed and will not execute, any agreement in conflict herewith.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned names.

The undersigned hereby authorize the firm of  
SUGHRUE, MION, ZINN, MACPEAK & SEAS at the address of  
2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3202,  
U.S.A.

to insert hereon any further identification necessary or desirable for recordation of this document.

June 5, 1997

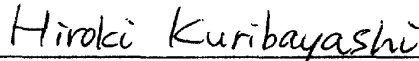
Date



Typed Name: Yoshimi TOMITA

June 5, 1997

Date



Typed Name: Hiroki KURIBAYASHI

Date

Typed Name:

Date

Typed Name:

Date

Typed Name: