

RECORDATION FORM COVER SHEET

03-29-2000

Our Ref.: 1767-62

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Commissioner of Patents and Trademarks  
Box Assignment, Washington, D.C. 20231

101300685

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

1. Name of conveying party(ies):

Yoshinori ABE  
Kazushi TAHARA

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

Name: PIONEER CORPORATION

Internal Address:

Street Address: 4-1 Meguro 1-chome, Meguro-ku

Additional name/s of conveying party/ies attached? ☐

3. Nature of conveyance:

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

Execution Date: March 1, 2000

City: Tokyo-to

State/Country: Japan

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: March 1, 2000

A. Patent Application No(s).

(1) 09/528174  
(2)  
(3)

B. Patent No(s).

(1)  
(2)  
(3)

Additional numbers attached ☐ Yes ☒ No

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

Name: Arthur R. Crawford

Internal Address:

Street Address: Nixon & Vanderhye P.C.

1100 North Glebe Road

8<sup>th</sup> Floor

City: Arlington State: VA Zip: 22201

6. Total number of applications & patents involved: 1

7. Total fee (37 CFR 3.41)

\$ 40.00

☒ Enclosed

☐ Authorized to be charged to deposit account #14-1140

8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140.

DO NOT USE THIS SPACE

9. Statements 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.

Arthur R. Crawford

Name of Person Signing  
Reg. No. 25,327

Signature

March 17, 2000

Date

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

PTO  
09/528174  
03/17/00

03/27/2000 RESELLMAN 00000067 09528174 40.00 02 FC:501

PATENT  
REEL: 010635 FRAME: 0619

# ASSIGNMENT OF PATENT APPLICATION

(1) Yoshinori ABE  
 (2) Kazushi TAHARA  
 (Inventors) (3) \_\_\_\_\_ and  
 (4) \_\_\_\_\_

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(Assignee) (5) PIONEER CORPORATION

(Address) (6) of No. 4-1 Meguro 1-chome, Meguro-ku, Tokyo-to, Japan  
 (hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, and for the country of

(Other Countries) (7) \_\_\_\_\_ in the invention, and all applications for patent and any Letters Patent which may be granted therefor, known as

(Title) (8) DECISION FEEDBACK EQUALIZER FOR A DIGITAL SIGNAL RECEIVING (Case No. \_\_\_\_\_)  
SYSTEM

for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed

(9) on March 1, 2000 or has already filed in

(10) U.S. appln. Serial Number \_\_\_\_\_, filed on \_\_\_\_\_

(11) The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made.

1) The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to 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.

2) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

3) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States 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 he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

4) The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. the power to insert on this assignment any further identification which may be necessary to desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

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

Date March 1, 2000 Signature of Inventor (1) Yoshinori ABE

Date March 1, 2000 Signature of Inventor (2) Kazushi Tahara

Date \_\_\_\_\_ Signature of Inventor (3) \_\_\_\_\_

Date \_\_\_\_\_ Signature of Inventor (4) \_\_\_\_\_

Witnessed by:

Witness \_\_\_\_\_ Date \_\_\_\_\_

Witness \_\_\_\_\_ Date \_\_\_\_\_