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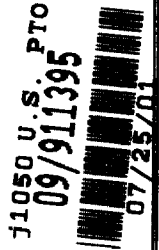
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original documents or copy thereof.

1. Name of conveying party(ies):
Masanori NAKAHARA, Takao SAWABE, Nobuyuki
TAKAKUWA and Masayoshi YOSHIDA

2. Name and address of receiving party(ies)?
PIONEER CORPORATION
4-1 Meguro 1-chome, Meguro-ku,
Tokyo-to, Japan

Additional name(s) of conveying party(ies) attached?
 yes no 7-250)



3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Names
 Other

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

Execution Date: July 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: July 19, 2001

A. Patent Application No.(s)/Confirmation No.(s)
Not Yet Assigned

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence
concerning document should be mailed:
SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC
2100 Pennsylvania Avenue, N.W.
Suite 800
Washington, D.C. 20037-3213

6. Total number of applications and registration involved:
1

7. Total Fee (37 CFR 3.41): \$40.00
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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.

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July 25, 2001
Date

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For Non-U.S. Clients

Assignment

Whereas, I/We, **Masanori NAKAHARA, Takao SAWABE, Nobuyuki TAKAKUWA and Masayoshi YOSHIDA** of Tokorozawa-shi, Saitama-ken, Japan

hereinafter called assignor(s), have invented certain improvements in INFORMATION EDITING APPARATUS, INFORMATION EDITING METHOD, AND INFORMATION RECORDING MEDIUM ON WHICH PROGRAM FOR CONTROLLING EDIT IS RECORDED SO AS TO BE READ BY COMPUTER and executed an application for Letters Patent of the United States of America therefor on ; and

Whereas, PIONEER CORPORATION of No. 4-1 Meguro 1-chome, Meguro-ku, Tokyo-to, Japan (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request my attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3202 to insert here in parentheses (Application number _____, filed _____) the filing date and application number of said application when known.

Date: July 19, 2001 s/ Masanori Nakahara

Date: July 19, 2001 s/ Takao Sawabe

Date: July 19, 2001 s/ Nobuyuki Takakuwa

Date: July 19, 2001 s/ Masayoshi Yoshida

Date: s/ _____

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)