

02-07-2000

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Form PTO-1595
1-31-92

U.S. DEPARTMENT OF COMMERCE
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Q57475



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To the Honorable Assistant Commissioner for Patents. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Kazuo KURODA

Additional name(s) of conveying party(ies) attached?
___ yes ___ x no

2. Name and address of receiving party(ies)?
Name:
PIONEER 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 ___ x no

09/478543

3. Nature of Conveyance:

 Assignment _____ Merger
____ Security Agreement _____ Change of Name
____ Other

Execution Date: December 24, 1999

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:
December 24, 1999

A. Patent Application No.(s) _____ B. Patent No.(s) _____

Additional numbers attached? ___ Yes ___ x No

5. 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. 20037-3202

6. Total number of applications and patents involved:
One (1)

09478543

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.
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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.

Paul E. Mexico Reg. 23,102 _____ January 6, 2000
Name Darryl Mexic Reg. No. 23,063 Date

TOTAL NUMBER OF PAGES INCLUDING COVER SHEET, ATTACHMENTS AND DOCUMENT: 2

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

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

02/07/2000 TTM11 00000073 09478543

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Assignment

Whereas, I/We, Kazuo KURODA of Saitama, Japan

hereinafter called assignor(s), have invented certain improvements in INFORMATION RECORDING METHOD AND APPARATUS

and executed an application for Letters Patent of the United States of America therefor on December 24, 1999 ; and

Whereas, PIONEER CORPORATION of 4-1, Meguro 1-chome, Meguro-ku, Tokyo, 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: s/ Kazuo Kuroda
December 24, 1999

Date: s/ _____

Date: s/ _____

Date: s/ _____

Date: s/ _____

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