

02-10-2004

Q78709

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102665908

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Masatsugu MURAKAMI
Norihiko OHURA
Syunji ISHIDA

2.3.04

2. Name and address of receiving party(ies):
NEC CORPORATION
7-1, Shiba 5-chome
Minato-ku, Tokyo
JAPAN

22154 U.S. PTO
29/198678



Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: **January 16, 2004**

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: January 16, 2004
A. Patent Application No.(s)
(Filed alongside new application - therefore unknown at the time of submission)
B. Patent No.(s) **29198678**
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
SUGHRUE MION, PLLC
WASHINGTON OFFICE
23373
CUSTOMER NUMBER

6. Total number of applications and patents involved:
1
7. Total fee (37 CFR 3.41): \$40.00
 Enclosed.
 Authorized to be charged to Deposit Account No. 19-4880.
The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.
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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.

Robert V. Sloan Reg. No. 22,775 February 3, 2004 Date

Total number of pages including cover sheet, attachments, and documents: 2
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MAIL STOP ASSIGNMENT RECORDATION SERVICES
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Assignment

Whereas, We, Masatsugu MURAKAMI, Norihiro OHURA and Syunji ISHIDA, respectively, hereinafter called assignors, have invented certain improvements in

MEMORY CONTROL EQUIPMENT FOR COMPUTER

and executed an application for Letters Patent of the United States of America therefor on January 16, 2004; and

Whereas, NEC CORPORATION,

7-1, Shiba 5-chome
Minato-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,

We, the above named assignors, 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 we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and 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.

We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number _____ and Confirmation number _____, filed February 3, 2004) the application number and filing date of said application when known.

Date: 1/16/2004 Masatsugu MURAKAMI
s/Masatsugu MURAKAMI

Date: 1/16/2004 Norihiro OHURA
s/Norihiro OHURA

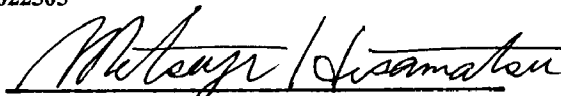
Date: 1/16/2004 Syunji ISHIDA
s/Syunji ISHIDA

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

Attorney Docket No.: Q78709

Client Ref. No.: D-3903022505

Witness



Mitsuji Hisamatsu