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1-31-92U.S. DEPARTMENT OF COMMERCE
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101649005

HEET

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

1. Name of conveying party(ies):

Hideo SUE, Toshiaki KOMATSU, Jun KUBOKAWA,
Junya OHNO and Muneyoshi MIKUNI

Additional name(s) of conveying party(ies) attached?

☐ yes☒ no

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

NEC CORPORATION
7-1, Shiba 5-chome, Minato-ku
Tokyo, JAPAN

3/12/01

J1040 U.S. PTO
29/138302

03/12/01

3. Nature of Conveyance:

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

Additional name(s) & address(es) attached?

☐ yes☒ no

Execution Date: March 07, 2001

4. Application number(s) or patent number(s): Attorney Docket Q-62497

If this document is being filed together with a new application, the execution date of the application is: March 07, 2001

A. Patent Application No.(s)

B. Patent No.(s)

29138302

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.

☒ 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.

19-4880

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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

March 12, 2001

Date

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

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REEL: 011611 FRAME: 0623

Assignment

Q-62497

Whereas, I/We, Hideo SUE, Toshiaki KOMATSU, Jun KUBOKAWA,
Junya OHNO and Muneyoshi MIKUNI

of

JAPAN

, hereinafter called assignor(s), have invented certain improvements in
COMPUTER

and executed an application for Letters Patent of the United States of America therefor on
March 07, 2001 ~~XXXXX~~ ; 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 and foreign 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 and all countries foreign thereto, including rights of priority under
the International Convention of Paris (1883) as amended, 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 hereby agree that the assignee may apply for foreign Letters Patent
on the invention and I/we will execute without further consideration all papers deemed necessary by the
assignee in connection with the United States and foreign applications 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: March 7-2001 s/ Hideo Sue
Hideo SUE

Date: March 7-2001 s/ Toshiaki Komatsu
Toshiaki KOMATSU

Date: March 7-2001 s/ Jun Kubokawa
Jun KUBOKAWA

Date: March 7-2001 s/ Junya Ohno
Junya OHNO

Date: March 7-2001 s/ Muneyoshi Mikuni
Muneyoshi MIKUNI

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

Witness Sachio Matsubara
Sachio MATSUBARA

Mitsuj Hisamatsu
Mitsuj HISAMATSU

8/92

PATENT

RECORDED: 03/12/2001

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