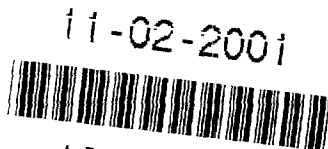


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To the Commissioner for Patents. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Toru UCHIDA

10/26/01

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

JC979 U.S. PTO
09/983917



3. Nature of Conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Names

☐ Other

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☐ yes

☒ no

Execution Date: October 22, 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: October 22, 2001

A. Patent Application No.(s)/Confirmation No.(s)
/Unknown

B. Patent No.(s)

Additional numbers attached?

☐ Yes

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

J. Frank Osha, Esq.
SUGHRUE MION, 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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connection with this Assignment to Deposit Account No. 19-4880.

☐ Authorized to be charged to Deposit Account

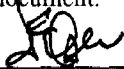
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9. Statement and Signature.

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.



J. Frank Osha

Reg. No. 24,625

October 26, 2001

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PATENT
REEL: 012291 FRAME: 0482

Assignment

Whereas, I/~~We~~,

TORU UCHIDA

of

Tokyo, Japan

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

ORIGINAL READER

and executed an application for Letters Patent of the United States of America therefor on
October 22, 2001 ; 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,

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: 10/22/2001

s/ Toru Uchida 
TORU UCHIDA

Date:

s/ _____

Date:

s/ _____

Witness:

Date: 10/22/2001

s/ Masaru Tomabe

Date: 10/22/2001

s/ [Signature]

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