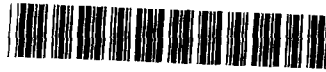


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1. Name of conveying party(ies): **10-19-00**
Tatsuya MATANO

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

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

Execution Date: June 30, 2000

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: June 30, 2000
A. Patent Application No.(s)
09/604,529
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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J. Frank Osha Reg. No. 24,625 October 19, 2000 Date

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Assignment

Whereas, I/We, Tatsuya MATANO of
Tokyo, Japan

hereinafter called assignor(s), have invented certain improvements in
DATA PROCESSING CIRCUIT HAVING A WAITING MODE

and executed an application for Letters Patent of the United States of America therefor on
June 30, 2000 ~~1998~~; 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 09/604,529, filed June 30, 2000) the filing date and application
number of said application when known.

Date: 30/06/2000 s/ Tatsuya Matano 
Tatsuya MATANO

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)

8/92 Witness:

Nitoshi Ukei Tatsuya Matano

RECORDED: 10/19/2000

PATENT
REEL: 011173 FRAME: 0639