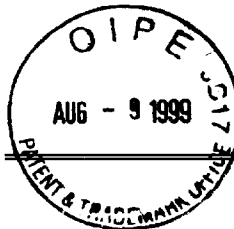


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Hiroyuki SATO

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
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Execution Date: June 17, 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: June 17, 1999

A. Patent Application No.(s)
09/315,346

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

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1

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Assignment

Whereas, ~~I/We~~, Hiroyuki SATO of
Tokyo, Japan

hereinafter called assignor(s), have invented certain improvements in
High Speed Switching of Communication Links without Interrupting ATM Cell Traffic
and executed an application for Letters Patent of the United States of America therefor on
June 17, 1999 ; 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 09/315,346, filed May 20, 1999) the filing date and application
number of said application when known.

Date: June 17, 1999 s/ Hiroyuki Sato
Hiroyuki SATO

Date: s/ _____

Date: s/ _____

Witness:

Date: June 17, 1999 s/ Masahiro Yokotani

Date: June 17, 1999 s/ [Signature]

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