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

1. Name of conveying party(ies):
Masaki Umayabashi

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

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

JC136 U.S. PTO
09/262338
03/04/99

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

Execution Date: February 23, 1999

4. Application number(s) or patent number(s): *09/262,338*

If this document is being filed together with a new application, the execution date of the application is: February 23, 1999

A. Patent Application No.(s) _____ 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
 Enclosed. Please charge any underpayment in connection with this Assignment to 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.

J. Frank Osha

J. Frank Osha Reg. No. 24, 625

March 4, 1999
Date

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

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Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

Assignment

Whereas, ~~I/We~~, Masaki Umayabashi of Tokyo, Japan

hereinafter called assignor(s), have invented certain improvements in BANDWIDTH ALLOCATION SYSTEM OF VIRTUAL PATH IN COMMUNICATION NETWORK OF ASYNCHRONOUS TRANSFER MODE

and executed an application for Letters Patent of the United States of America therefor on February 23, 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 _____, filed _____) the filing date and application number of said application when known.

Date: Feb. 23, 1999 *sl* Masaki Umayabashi 
Masaki Umayabashi

Date: *sl* _____

Date: *sl* _____

Witness: Date: Feb. 23, 1999 *sl* Fumitake Watanabe
Fumitake WATANABE

Date: Feb. 23, 1999 *sl* Akira MUTO
Akira MUTO

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