

02-05-2002



A7914

Form PTO-1595 (modified)
(Rev. 03/01)
OMB No. 0651-0027

IEET

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

101971991

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

1. Name of conveying party(ies):

Rixue FAN
C i-Yu LU

1.28.02

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

NEC USA, INC.
4 Independence Way
Princeton, New Jersey 08540

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: December 12 and 20, 2001

Additional name(s) & address(es) attached? ☐ Yes ☒ No

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:

A. Patent Application No.(s)
09/977,227

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, PLLC
2100 Pennsylvania Avenue, N.W.
Suite 800
Washington, D.C. 20037-3213

6. Total number of applications and patents 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.
☐ Authorized to be charged to deposit account

8. Deposit account number:

19-4880

(Attach duplicate copy of this page if paying by 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.

Howard L. Bernstein

Reg. No. 25,665

January 28, 2002

Date

Total number of pages including cover sheet, attachments, and documents: 2

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks
Box Assignment
Washington, D.C. 20231

02/04/2002 TDIAZ1 00000039 09977227

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PATENT
REEL: 012529 FRAME: 0299

ASSIGNMENT

(from Inventor to NEC USA, Inc.)

WHEREAS, we, Ruixie FAN and Chi-Yu LU,

hereinafter called assignor, have invented certain improvements in

PIPELINE SCHEDULER WITH FAIRNESS AND MINIMUM BANDWIDTH GUARANTEE

and have executed an application for Letters Patent of the United States of America therefor on
12/12/2001 and 12/20/2001; and

WHEREAS,

NEC USA, Inc.
4 Independence Way
Princeton, New Jersey 08540

(assignee) desires to acquire the entire right, title, and interest in the application and invention for the United States of America, and to any United States patents to be obtained therefrom;

NOW THEREFORE, for valuable consideration, receipt whereof is hereby acknowledged,

I the above named assignor, hereby sell, assign and transfer to the above-named assignee, its successors and assigns, the entire right, title, and interest in the invention disclosed therein for the United States of America, and I 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 hereby agree that I 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 hereby authorize and request our attorneys, SUGHRUE, MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3202 to insert here in parentheses (Application Number 09/977,227, filed October 16, 2001) the filing date and application number of said application when known.

Date: Dec. 12, 2001

Ruixie Fan
Ruixie Fan

NOTARY

State of New Jersey)
County of Middlesex) ss:

On this 12th day of December 2001, before me personally came Ruixie Fan, to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Ann K. Meighan

ANN K. MEIGHAN
Notary Public of New Jersey
My Comm. Exp. March 12, 2003

Date: 12/20/01

Chi-Yu Lu
Chi-Yu Lu

NOTARY

State of New Jersey)
County of Middlesex) ss:

On this 20 th day of December 2001, before me personally came Chi-Yu Lu, to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Ann K. Meighan

ANN K. MEIGHAN
Notary Public of New Jersey
My Comm. Exp. March 12, 2003