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

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Attorney Docket No.: FUJY 21.638

U.S. PTO  
11/025277



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To the Director of the U.S. Patent and Trademark Office

102920086

...ed documents or the new address(es) below

1. Name of conveying party(ies)/Execution Date(s):

Kenichi ISHII  
Hiroki TAKAKI  
Colin PETERS  
Shinichi KURANARI

Execution Date(s) November 26, 2004

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

2. Name and address of receiving party(ies)

Name: FUJITSU LIMITED

Internal Address: \_\_\_\_\_

Street Address: 1-1 Kamikodanaka 4-chome

Nakahara-ku, Kawasaki-shi, Kanagawa

City: \_\_\_\_\_

State: \_\_\_\_\_

Country: Japan Zip: 211-8588

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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other \_\_\_\_\_

4. Application or patent number(s):

A. Patent Application No.(s)

This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: Katten Muchin Zavis Rosenman

Internal Address: \_\_\_\_\_

Street Address: 575 Madison Avenue

15th Floor, IP Department

City: New York

State: New York Zip: 10022-2585

Phone Number: 212-940-8800

Fax Number: 212-940-8986/8987

Email Address: \_\_\_\_\_

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 50-1290

Authorized User Name Katten Muchin Zavis Rosenman

9. Signature:

Signature

December 29, 2004

Date

Brian S. Myers

Name of Person Signing

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

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

PATENT  
REEL: 016142 FRAME: 0327

11/025277  
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01/13/2005  
01 FC-8021

ASSIGNMENT

WHEREAS, the below named inventors, ASSIGNOR, has made a certain new and useful invention in: PROVIDER NETWORK FOR PROVIDING L-2 VPN SERVICES AND EDGE ROUTER

for which

(check one)  an application is being filed concurrently herewith,  
 an application for a Patent of the United States was filed on \_\_\_\_\_  
and given Application Serial No. \_\_\_\_\_

and WHEREAS, FUJITSU LIMITED having a place of business at 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa, 211-8588, Japan, ASSIGNEE is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the said ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventor's certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument; and

ASSIGNOR covenants and agrees that he has full right to convey the entire interest herein assigned, and has not executed, and will not execute, any agreement in conflict herewith; and

ASSIGNOR further covenants and agrees that he will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

Full name of sole or first inventor Kenichi ISHII  
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