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Tab settings

To the Honorable Commissioner of Patents and Trademarks, please receive the enclosed original documents or copy thereof.

1. Name of conveying party(ies):
(1) Hiroko TAKAHASHI

2. Name and address of receiving party(ies)

Name: FUJITSU LIMITED

Internal Address:

Street Address: 1-1, Kamikodanaka 4-chome,
Nakahara-ku, Kawasaki-shi,

City: Kanagawa State: ZIP: 211-8588

Country: Japan

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

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 10, 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: December 10, 1999

A. Patent Application No.(s)

B. Patent No.(s)

DOCKET NO.: FUJF 16.850

Additional numbers attached? Yes No

09/474167

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

Name: HELFGOTT & KARAS, P.C.

01/14/2000 TRADE Ad 0000038 09474167
04 FC:581
EMPIRE STATE BUILDING
60TH FLOOR

Street Address: 350 5TH AVENUE

SUITE 6024

City: NEW YORK State: NY ZIP: 10118

6. Total number of applications and patents involved: 1

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

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

08-1634

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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.

Samson Helfgott

Name of Person Signing

Signature

12/29/99

Date

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Any fee due with this paper, not fully covered by an enclosed check, may be charged on Deposit Acct. No. 08-1634

ASSIGNMENT

Docket No. FUJF 16.850

WHEREAS, the below named inventor, ASSIGNOR, has made a certain new and useful invention in : _____
NODE EQUIPMENT, TERMINAL EQUIPMENT, AND STORAGE MEDIUM WHICH STORES
PROGRAM FOR REALIZING THESE EQUIPMENTS

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 Hiroko Takahashi
Inventor's signature Hiroko Takahashi Date Dec. 10, 1999
Residence Sendai-shi, Miyagi, Japan Citizenship Japan
Post Office Address c/o FUJITSU TOHOKU COMMUNICATION SYSTEMS LIMITED
3-5, Ichibancho 3-chome, Aoba-ku, Sendai-shi, Miyagi, 980-0811
Japan

Full name of second joint inventor, if any _____
Second Inventor's signature _____ Date _____
Residence _____ Citizenship _____
Post Office Address _____

Full name of third joint inventor, if any _____
Third Inventor's signature _____ Date _____
Residence _____ Citizenship _____
Post Office Address _____