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FORM PTO-1595  
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SHEET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Tab settings

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

1. Name of conveying party(ies):

- (1) Sumie MORITA
- (2) Shigeru SEKINE
- (3) Eiji ISHIOKA
- (4) Tomoki SOMEYA
- (5) Noboru ISE

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,**

City: **Kanagawa** State: \_\_\_\_\_ ZIP: **211-8588**  
Country: **Japan**

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

J-526 U.S. PTO  
09/16/98  
10/29/98

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date: October 2, 1998

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 October 2, 1998

A. Patent Application No.(s) \_\_\_\_\_

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached?  Yes  No

DOCKET NO.: FUJO 15,548

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

Name: HELFGOTT & KARAS, P.C.

Internal Address: EMPIRE STATE BUILDING  
60TH FLOOR

Street Address: 350 5TH AVENUE

City: New York State: N.Y. ZIP: 10118

Tel. No.: (212) 643-5000

6. Total number of applications and patents involved:

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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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.

Samson Helfgott  
Name of Person Signing

[Signature]  
Signature

10/29/98

Date

Reg. No.: 23,072

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Filed by Express Mail  
(Receipt No. FUJITSU 02305)  
on 10/29/98  
pursuant to 37 C.F.R. 1.10.  
by [Signature]

**PATENT**  
**REEL: 9561 FRAME: 0285**

## ASSIGNMENT

Docket No. FUJO 15.548

WHEREAS, the below named inventor, ASSIGNOR, has made a certain new and useful invention in : \_\_\_\_\_  
A DEBUGGING AND COSIMULATION METHOD FOR WIDE BAND SWITCH FIRMWARE

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 Sumie MORITA  
 Inventor's signature Sumie Morita Date October 2, 1998  
 Residence Kanagawa, Japan Citizenship Japan  
 Post Office Address c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan

Full name of second joint inventor, if any Shigeru SEKINE  
 Second Inventor's signature Shigeru Sekine Date October 2, 1998  
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Full name of third joint inventor, if any Eiji ISHIOKA  
 Third Inventor's signature Eiji Ishioka Date October 2, 1998  
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Full name of fourth joint inventor, if any Tomoki SOMEYA

Inventor's Signature Tomoki Someya Date October 2, 1998

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Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan

Full name of fifth joint inventor, if any Noboru ISE

Inventor's Signature Noboru Ise Date October 2, 1998

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Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan

Full name of sixth joint inventor, if any \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address \_\_\_\_\_

Full name of seventh joint inventor, if any \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address \_\_\_\_\_

Full name of eighth joint inventor, if any \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address \_\_\_\_\_