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

PATENTS ONLY

1. Name of conveying party(ies):  
 Futoshi WATANABE  
 Yasuhiro ONDA  
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10/31/01

J1040 U.S. PTO  
 09/984733  
 10/31/01

2. Name and Address of receiving party(ies):  
 FUJITSU LIMITED  
 1-1, Kamikodanaka, 4-chome  
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09/984733

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other: \_\_\_\_\_  
 Execution Date: October 24, 2001

4. Application number(s) or patent number(s):  
 This document is being filed together with a new application:  
 (a) The execution date(s) of the application is: October 24, 2001  
 (b) The title is: PROCESSING METHOD FOR COPYING BETWEEN MEMORY DEVICE DATA  
 REGIONS AND MEMORY SYSTEM  
 OR  
 This document is being filed after filing of the application:  
 (a) Patent Application No(s). \_\_\_ / \_\_\_, filed \_\_\_\_\_; or  
 (b) Patent No(s). \_\_\_\_\_, issued \_\_\_\_\_

5. Name and address of party to whom correspondence concerning document should be mailed:  
 STAAS & HALSEY LLP Our Docket: 121.1022  
 Attention: Gene M. Garner, II  
 700 Eleventh Street, N.W., Suite 500  
 Washington, D.C. 20001

6. Total number of applications and patents involved: 1  
 7. Total fee (37 CFR 3.41)..... (\$ 40.00 per Assignment)  
 Enclosed  
 Authorized to be charged to deposit account.

8. Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account)  
 (Attach duplicate copy of this page if paying by deposit account)

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.*

Gene M. Garner, II, Reg. No. 34,172  
 Name of Person Signing

*Gene M. Garner, II*  
 Signature

Oct. 31, 2001  
 Date

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PATENT  
 REEL: 012291 FRAME: 0153

# U.S. ASSIGNMENT

S&H 1:00

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by  
(Insert Name(s) & Address(es) of ASSIGNEE(S))

FUJITSU LIMITED  
1-1, Kamikodanaka 4-chome, Nakahara-ku  
Kawasaki-shi, Kanagawa 211-8588 JAPAN

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled  
(Title of Invention)

## PROCESSING METHOD FOR COPYING BETWEEN MEMORY DEVICE DATA REGIONS AND MEMORY SYSTEM

relating to International Patent Application PCT/JP \_\_\_\_\_/\_\_\_\_\_ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on \_\_\_\_\_; (Insert date of execution of application, if not concurrent)

(b) filed on \_\_\_\_\_,

Serial No. \_\_\_\_\_/\_\_\_\_\_;

Any registered attorney of STAAS & HALSEY LLP, 700 Eleventh Street, N.W., Washington, D.C. 20001 (202/434-1500) is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Typed Name & Signature of Inventor(s))

(Date)

(Typed Name & Signature of Witness(es))

1) <u>Futoshi Watanabe</u> Futoshi WATANABE	24 Oct, 2001	<u>Etsuro Toyama</u>
2) <u>Yasuhiro Onda</u> Yasuhiro ONDA	24 Oct, 2001	<u>Etsuro Toyama</u>
3) <u>Hidejiro Daikokuuya</u> Hidejiro DAIKOKUYA	24 Oct, 2001	<u>Etsuro Toyama</u>
4) <u>Mikio Ito</u> Mikio ITO	24 Oct, 2001	<u>Etsuro Toyama</u>

RECORDED: 10/31/2001

PATENT  
REEL: 012291 FRAME: 0154