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FORM PTO-1595 (Rev. 8-93) OMB No. 0651-0011 (exp. 4-94)



3 SHEET

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1. Name of conveying party(ies):

Akira Ban Hiroshi Ichii

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 211-8588 Japan

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

3. Nature of conveyance:

- XX Assignment Merger Security Agreement Change of Name Other

Execution Date: 11-13-98

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: 11-13-98

A. Patent Application No.(s)

09/197076

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Patrick G. Burns Internal Address: GREER, BURNS & CRAIN, LTD. 233 S. Wacker Drive, Suite 8660 Chicago, IL 60606 Street Address: 233 S. Wacker Drive Suite 8660 City: Chicago State: IL ZIP: 60606

6. Total number of applications and patents involved:

1

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

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Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

11/30/1998 JMWTKINS 00000016 09197076

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(Form PTO-1595-Recordation Form Cover Sheet [16-5]-page 1 of 3)

PATENT REEL: 9604 FRAME: 0210

1990.62701

ASSIGNMENT

FOR VALUE RECEIVED, the receipt of which is hereby acknowledged, the following inventor or inventors (hereinafter called "ASSIGNOR")

Name:
Address:

Akira Ban and Hiroshi Ichii

hereby assigns, transfers and sets over to:

Name:
Address:

FUJITSU LIMITED, a corporation of Japan,
of 1-1, Kamikodanaka 4-chome, Nakahara-ku,
Kawasaki-shi, Kanagawa 211-8588, Japan

(hereinafter called "ASSIGNEE"), the entire worldwide right, title and interest in and to the invention known as:

Storage Apparatus

for which a United States Patent Application was executed on even date herewith or, if not so executed, was:

- (a) executed on _____; or
- (b) filed on _____,
Serial No. ____/_____;

and all rights and privileges under any Letters Patent which may be granted thereon, including all rights, if any, to sue for past infringement.

(1) The ASSIGNOR agrees without charge to said ASSIGNEE but at its expense (a) to execute (i) all necessary papers to be used in connection with this application and any additional, continuing, or divisional applications, as the ASSIGNEE may deem necessary or expedient, (ii) all papers in connection with any interference or other legal or quasi-legal proceedings relating to this application or any additional, continuing, or divisional application thereof; (b) to cooperate with ASSIGNEE in every way possible in obtaining evidence and going forward in any such proceedings; and (c) to perform all other affirmative acts which may be necessary or desirable to obtain a grant of a valid patent for said invention.

(2) ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States to issue any and all Letters Patent that may be granted upon any patent application or any additional, continuing or divisional applications thereof to the ASSIGNEE, its successors and assigns.

(3) ASSIGNOR hereby covenants and warrants that he has full right to convey the entire right, title and interest by this instrument, free of any encumbrances and that no other agreement has been or will be executed in conflict herewith.

(4) ASSIGNOR hereby grants to the law firm of GREER, BURNS & CRAIN, LTD. of Chicago, Illinois, authority and power to insert on this instrument any further identification which may be necessary or desirable for purposes of recordation in the United States Patent and Trademark Office or a Patent Office of any foreign country.

Date 13/11/98 Signature of inventor Akira Ban

Date 13/11/98 Signature of inventor Yoshiaki Ichii

Date _____ Signature of inventor _____

Date _____ Signature of inventor _____

Date _____ Signature of inventor _____

Date _____ Signature of inventor _____

Date _____ Signature of inventor _____

Date _____ Signature of inventor _____