

12-22-1999

FORM PTO-1595
(Rev. 6-93)

RECOI

OMB No. 0651-0011 (exp. 4-94)

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101228492

To the Honorable Commissioner of Patents

record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Ichiro Watanabe
Takayuki Kawabe

12/6/99

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:

Assignment

Merger

Security Agreement

Change of Name

Other _____

Execution Date: 11-18-99

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: 11-18-99

A. Patent Application No.(s)

B. Patent No.(s)

09454627

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:

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

PATENT
REEL: 010445 FRAME: 0250

1990.63449

10525 U.S. Pat.
09/154627
12/90/99

ASSIGNMENT

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

Name:

Address:

Ichiro Watanabe and
Takayuki Kawabe

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 18/11/99 Signature of inventor Ichiro Watanabe

Date 8/11/99 Signature of inventor 河辺亨之

Date _____ Signature of inventor _____

Date _____ Signature of inventor _____

Date _____ Signature of inventor _____

Date _____ Signature of inventor _____

Date _____ Signature of inventor _____

Date _____ Signature of inventor _____