

A/10581-40

09/171211

Atty. Docket No.: 1163-209F

04-29-1999

Rec'd PCT/PTO 15 OCT 1998 Page 1 of 2

To the Honorable Co



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e record the attached original documents or copy thereof.

1. Name of conveying party,

WATANABE, Hidetaka; ITOU, Shigehiro; MATSUDA, Takashi; ISHIMOTO, Yoshisada

Name and address of receiving party(ies)

Name: Mitsubishi Electric Engineering Company Limited

Internal Address:

Street Address: 6-2, Ootemachi 2-chome, Chiyoda-ku

City: Tokyo

State:

ZIP:

Country: Japan

Postal Code: 100-0004

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: October 8, 1998

4. Application number(s) or patent number(s): New

If this document is being filed together with a new application, the execution date of the application is: October 8, 1998

A. Patent Application No(s).

B. Patent No.(s)

09/171211

Additional numbers attached? ☐ Yes ☒ No

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

Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP

Internal Address:

Street Address: P.O. BOX 747

City: FALLS CHURCH

State: VA

ZIP: 22040-0747

Country: USA

6. Total number of applications and patents involved: One (1)

7. Total fee (37 C.F.R. § 3.41): \$40.00

☒ Enclosed

☐ Authorized to be charged to deposit account

8. Deposit account number: 02-2448

(Attach triplicate copy of this page if paying by deposit account)

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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

MICHAEL K. MUTTER #29,680

Name of Person Signing/Reg. No.

Signature

October 15, 1998

Date

Total number of pages including cover sheet, attachments, and document: Four (4)

10/20/1998 MCLAYDR 00000057 09171211

02 FC:581

Mail documents to be recorded with required cover sheet information to:
40.00 OP Commissioner of Patents & Trademarks, Box Assignments
Washington, DC 20231

PATENT
REEL: 9729 FRAME: 0081

Attachment to Recording of Assignment Transmittal

Continuation of Box 1--Name of conveying party(ies):

Continuation of Box 2--Name and address of receiving party(ies):

MITSUBISHI DENKI KABUSHIKI KAISHA
2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 Japan

Continuation of Box 4--Application number(s) or patent number(s):

ATTORNEY DOCKET NO.

1163-209P

ASSIGNMENT

Application No. New

Filed 10-15-98

Insert Name(s)
of Inventor(s)

WHEREAS, Hidetaka Watanabe; Shigehiro Itou; Takashi Matsuda and
Yoshisada Ishimoto, residing at Tokyo, Japan

Insert Title
of Invention

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in _____
"DISK SYSTEM"

for which an application for Letters Patent of the United States of America has been executed by the undersigned

Insert Date
of Signing of
Application

on October 8, 1998; and

Insert Name
of Assignee

WHEREAS, Mitsubishi Electric Engineering Company Limited and
mitsubishi denki kabushiki kaisha

Insert Address
of Assignee

of 6-2, Ootemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 Japan and
2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 Japan

CHECK BOX
IF APPROPRIATE

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and
☐ in any and all foreign countries.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	Oct. 8, 1998	Name of Inventor	<u>Hidetaka Watanabe</u>	(signature) Hidetaka Watanabe
Date	Oct. 8, 1998	Name of Inventor	<u>Shigehiro Itou</u>	(signature) Shigehiro Itou
Date	Oct. 8, 1998	Name of Inventor	<u>Takashi Matsuda</u>	(signature) Takashi Matsuda
Date	Oct. 8, 1998	Name of Inventor	<u>Yoshisada Ishimoto</u>	(signature) Yoshisada Ishimoto
Date		Name of Inventor		(signature)
Date		Name of Inventor		(signature)