



12-12-2003

12.5.03

FORM PTO-1595
(Rev. 10/02)

Docket No.: 43890-630



102620636

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner for Patents and Trademarks

attached original documents or copy thereto:

1. Name of Conveying Party(ies):
Yoshihiro UENO, Hideki KUWAJIMA, Makoto MIYAMOTO

2. Name and address of receiving party(ies):
Name: MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.
Address: 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 JAPAN

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: November 17, November 17, November 17, 2003

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

4. Application number(s) or patent number(s):
If the document is being filed together with a new application, the execution date of the application is:

A. Patent Application No(s).
10/634,995, filed August 6, 2003

B. Patent No(s).

Additional numbers attached? Yes No

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

Name: MCDERMOTT, WILL & EMERY
Internal Address:

Street Address: 600 13th Street, N.W.

City: Washington State: D. C. Zip: 20005-3096

6. Total number of applications and patents involved: 1

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

Enclosed
 Authorized to be charged to deposit account

8. Deposit account number:
500417

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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 E. Fogarty, 36,139

December 5, 2003

Name and Registration No. of Person Signing

Signature

Date

Total number of pages including cover sheet: 3

OMB No. 0651-0027 (exp. 6/30/2005)

Docket No.: 43890-630

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- (1) Yoshihiro UENO (4) _____
- (2) Hideki KUWAJIMA (5) _____
- (3) Makoto MIYAMOTO (6) _____

who have made a certain new and useful invention, hereby sell, assign and transfer unto

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.
1006, Oaza Kadoma,
Kadoma-shi,
Osaka 571-8501 JAPAN

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

DISK DRIVE APPARATUS

(a) for which an application for United States Letters Patent was filed on August 6, 2003 and identified by United States Serial No. 10/634,995 ; or

(b) for which an application for United States Letters Patent was executed on ,

and the undersigned hereby authorize and request the United States Commissioner for Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

INVENTORS

- 1) Yoshihiro Ueno
Name: Yoshihiro UENO
- 2) Hideki Kuwajima
Name: Hideki KUWAJIMA
- 3) Makoto Miyamoto
Name: Makoto MIYAMOTO
- 4) _____
Name: _____
- 5) _____
Name: _____
- 6) _____
Name: _____

DATE SIGNED

- November 17, 2003
- November 17, 2003
- November 17, 2003
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