

05/13/05



To the Director of the United States Patent and Trademark Office

103006149

original documents or copy thereof.

1. Name of conveying party(ies):
Tsuyoshi UMEHARA, Norikazu OTA, Katsumichi TAGAMI,
Hiroki MATSUKUMA, Nobuya OYAMA, Soji KOIDE,
Yoshiyuki MIZOGUCHI and Kazuhide YAMADA
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):
Name: TDK Corporation
Address: 1-13-1, Nihonbashi, Chuo-ku,
Tokyo 103-8272, Japan
Additional name(s) and address(es) attached? Yes No

113002 U.S. PTO
11/128192
051305

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date: May 2, 2005

4. Application number(s) or patent number(s):
 This document is being filed together with a new application
A. Patent Application No.(s)
B. Patent No.(s)
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Customer Number
22850
Tel. (703) 413-3000
Fax. (703) 413-2220

6. Total 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: 15-0030
(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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.

Marvin J. Spivak
Name of Person Signing

Signature

Date
5-13-05
Registration Number: 24,913
Registration Number 21,124
Total number of pages including this cover sheet: 3

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Director of the United States Patent and Trademark Office
Mail Stop Assignment Recordation Services
Alexandria, Virginia. 22313

05/16/2005 CMGUYEN2 00000036 11128192
05 FC:8021 40.00 DP

Assignment of Application

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS:

WHEREAS, I (WE) (1) Tsuyoshi UMEHARA of c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo,
103-8272, Japan
(2) Norikazu OTA of c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo,
103-8272, Japan
(3) Katsumichi TAGAMI of c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo,
103-8272, Japan
(4) Hiroki MATSUKUMA of c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo,
103-8272, Japan
(5) Nobuya OYAMA of c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo,
103-8272, Japan
(6) Soji KOIDE of c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo,
103-8272, Japan
(7) Yoshiyuki MIZOGUCHI of c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo,
103-8272, Japan
(8) Kazuhide YAMADA of c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo,
103-8272, Japan
_____, respectively,

INSERT TITLE OF
INVENTION:

have invented certain new and useful improvements in: THIN-FILM MAGNETIC HEAD WITH A HEATER, HEAD
GIMBAL ASSEMBLY WITH THE THIN-FILM MAGNETIC HEAD AND MAGNETIC DISK DRIVE
APPARATUS WITH THE HEAD GIMBAL ASSEMBLY

(Application No. _____, filed _____), and

WHEREAS, TDK Corporation

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

(hereinafter referred to as "ASSIGNEE") having a place of business at: 1-13-1, Nihonbashi, Chuo-ku, Tokyo,
103-8272, Japan is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

12/04

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: May 2, 2005

Tsuyoshi Umebara
 (Signature of Inventor) (1) Tsuyoshi UMEHARA

Date: May 2, 2005

Norikazu Ota
 (Signature of Inventor) (2) Norikazu OTA

Date: May 2, 2005

Katsumichi Tagami
 (Signature of Inventor) (3) Katsumichi TAGAMI

Date: May 2, 2005

Hiroki Matsukuma
 (Signature of Inventor) (4) Hiroki MATSUKUMA

Date: May 2, 2005

Nobuya Oyama
 (Signature of Inventor) (5) Nobuya OYAMA

Date: May 2, 2005

Soji Koide
 (Signature of Inventor) (6) Soji KOIDE

Date: May 2, 2005

Yoshiyuki Mizoguchi
 (Signature of Inventor) (7) Yoshiyuki MIZOGUCHI

Date: May 2, 2005

Kazuhide Yamada
 (Signature of Inventor) (8) Kazuhide YAMADA

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
 ATTORNEYS AT LAW
 1940 DUKE STREET
 ALEXANDRIA, VIRGINIA 22314