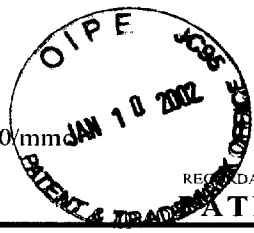


Atty Docket No.: C 203318USO/mm



01-15-2002



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01-10-2

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

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1. Name of conveying party(ies): Akifumi KAMIJIMA
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

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other :Corrected Recordation Form Cover Sheet Reel/Frame 012028/0035, Bar Code Number *101798230A*, to correct the Assignee's Address. Also, the correct application filing date has been inserted on the attached copy of the Assignment.
Execution Date: February 9, 2001

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

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:
A. Patent Application No.(s)
09/790,682

B. Patent No.(s)
Additional numbers attached? Yes No


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

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6. Total applications and patents involved: 1
7. Total fee (37 CFR 3.41): \$40.00
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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.

Norman F. Oblon
Name of Person Signing
Registration Number: 24,618

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WILLIAM E. BEAUMONT
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January 10, 2002 Date

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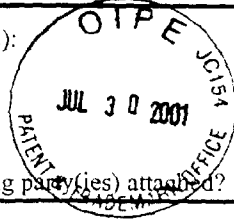


101798230

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Akifumi KAMIJIMA



2. Name and address of receiving party(ies):

Name: TDK Corporation

Address: 1-13-1, Nohonbashi, Chuo-ku,
Tokyo, 103-8272, JAPAN

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

3. Nature of Conveyance:

- Assignment
- Security Agreement
- Other
- Merger
- Change of Name

Execution Date: February 9, 2001

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

7-30-01

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:

A. Patent Application No.(s)

09/790,682

B. Patent No.(s)

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6. Total applications and patents involved: 1

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Norman F. Oblon

Name of Person Signing

FD Vastine

Signature

7/27/01

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Assignment Of Application

WHEREAS, I (WE) Akifumi KAMIJIMA of c/o TDK Corporation,

1-13-1, Nihonbashi, Chuo-ku, Tokyo, 103-8272, Japan

INSERT NAMES
AND RESIDENCE
ADDRESSES OF
THE INVENTORS:

, respectively,

INSERT TITLE
OF INVENTION:

have invented certain new and useful improvements in: RESIST PATTERN FORMING METHOD,
FRAME PLATING METHOD AND MANUFACTURING METHOD OF THIN-FILM MAGNETIC HEAD,

INSERT DATE IN-
VENTORS SIGNED
DECLARATION:

for which an application for Letters Patent was executed on February 9, 2001
February 23, 2001
(Application No. 09/790,682, filed June 8, 1999), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE:

WHEREAS, TDK Corporation

(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.

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 Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 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: February 9, 2001

Akifumi Kamiyama
(Signature of Inventor) Akifumi KAMIJIMA

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
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1755 JEFFERSON DAVIS HIGHWAY
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