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Attorney Docket No.: 81864.0018

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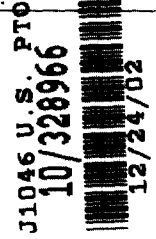
To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Tamotsu SUGAWARA signed 12/2/02
Atsushi OHIDO signed 12/3/02
Kazuhito YAMASAWA signed 12/3/02

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

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



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

3. Nature of conveyance:

Assignment

Execution Date: December 2 and 3, 2002

Additional name(s) & 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: December 2, 3 and 10, 2002

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:

Anthony J. Orler, Esq.
HOGAN & HARTSON L.L.P.
500 South Grand Avenue, Suite 1900
Los Angeles, CA 90071

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:

50-1314

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

02/07/2003 TDI/AZ1 00000227 501314 10328966

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.

Lawrence J. McClure
Lawrence J. McClure

Date: December 24, 2002

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

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

Assistant Commissioner for Patents
Box Assignments
Washington, D.C. 20231

ASSIGNMENT

- (1-8) *Name(s) of Inventor(s)* (1) Tamotsu SUGAWARA
 (2) Atsushi OHIDO
 (3) Kazuhito YAMASAWA
 In consideration of the good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to
- (9) *Name of Assignee* (9) TDK Corporation
- (10) *State of Incorporation of Assignee* (10) JAPAN
- (11) *Address of Assignee* (11) of 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 Japan
 (hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as
- (12) *Identification of Invention, such as Title, Case Number or Foreign Application Number* (12) HARD MAGNETIC GARNET MATERIAL, FARADAY ROTATOR, OPTICAL DEVICE, OPTICAL COMMUNICATION SYSTEM, METHOD OF MANUFACTURING FARADAY ROTATOR AND METHOD OF MANUFACTURING BISMUTH-SUBSTITUTED RARE EARTH IRON GARNET SINGLE CRYSTAL (Japanese Patent Application Nos. 2001-392630, 2001-399276 and 2002-038621)
 for which the undersigned has (have) executed an application for patent in the United States of America and all patent applications in foreign countries corresponding thereto or based thereon.
- (13) *Date(s) of Signing of Declaration* (13) on Dec. 2, 2002, Dec. 3, 2002 and Dec. 10, 2002

1) The undersigned agree(s) to execute all papers necessary in connection with any original, reissue, divisional and continuing United States and foreign applications for the above-identified invention and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

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

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed any agreement in conflict herewith.

6) The undersigned hereby appoints the persons associated with Customer Number:

000026021



26021

PATENT TRADEMARK OFFICE

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 United States Patent and Trademark Office for recordation of this document.

Date: Dec 2, 2002 Signature of Inventor 1 Tamotsu Sugawara
 Date: Dec 3, 2002 Signature of Inventor 2 Atsushi Ohido
 Date: Dec 3, 2002 Signature of Inventor 3 Kazuhito Yamasawa