

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Yuchen Zhou	08/17/2011
Kunliang Zhang	08/28/2011
Min Li	08/08/2011
Kenichi Takano	09/06/2011
Joe Smyth	08/07/2011
Moris Dovek	08/07/2011
Akihiko Takeo	09/12/2011
Tomomi Funayama	09/12/2011
Masahiro Takashita	06/06/2011
Masayuki Takagishi	06/06/2011

RECEIVING PARTY DATA

Name:	TDK Corporation
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State/Country:	JAPAN

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Street Address:	1-1, Shibaura 1-Chome
City:	Minato-ku, Tokyo 105-8001
State/Country:	JAPAN

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13200148

CORRESPONDENCE DATA

Fax Number: (845)471-2064

CH \$40.00 13200148

501701488

**PATENT
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ATTORNEY DOCKET NUMBER:

HT10-005

NAME OF SUBMITTER:

Stephen B Ackerman

Total Attachments: 9
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HT10-005

For U.S. and/or Foreign Rights
For Application or U.S. Patent
By Inventor(s) or Present Owner

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, **ASSIGNOR:**

YUCHEN ZHOU
Type or print name of ASSIGNOR
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hereby sells, assigns and transfers to

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

Kabushiki Kaisha Toshiba
1-1 Shibaura 1-Chome
Minato-ku, Tokyo 105-8001
Japan
Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

the entire right, title and interest
 an undivided _____ percent (___%) interest for the United States and its territorial possessions

(check the following box/f foreign rights are also to be assigned)

and in all foreign countries

in and to any and all improvements which are disclosed in the invention entitled:
Perpendicular Spin Torque Oscillator FMR Frequency Measurement Method

HT10-005

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YUCHEN ZHOU
Type or print name of ASSIGNOR

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Nationality

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MIN LI
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KENICHI TAKANO
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Nationality

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hereby sells, assigns and transfers to

ASSIGNEE:

TDK Corporation
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ASSIGNOR:

MASAHIRO TAKASHITA
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Japanese
Nationality

hereby sells, assigns and transfers to

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1-13-1, Nihonbashi
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and which is found in

- (a) U.S. patent application executed on even date herewith
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- (c) U.S. application serial no. _____ filed on _____
- (d) U.S. patent no. _____ issued _____
(also check (e) if foreign application(s) is also being assigned)
- (e) and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute, thereof, and as to letters patent any re-issue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I / We have signed

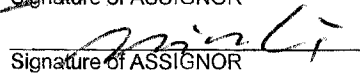
WARNING Date of signing must be the same as the date of execution of the application if item (a) was checked above.


Signature of ASSIGNOR

08/17/2011
Date of Signing


Signature of ASSIGNOR

08/28/2011
Date of Signing


Signature of ASSIGNOR

08/28/2011
Date of Signing

Signature of ASSIGNOR

Date of Signing

If ASSIGNOR is a legal entity complete the following information

Type or print the name of the above person authorized to sign on behalf of ASSIGNOR

Title

Note: No witnessing, notarization or legalization is necessary, if the assignment is notarized or legalized then it will only be prima facie evidence (35 USC 261). Use next page if notarization is desired.

____ Notarization of Legalization Page Added.

and which is found in

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Signature of ASSIGNOR

Date of Signing

Signature of ASSIGNOR

Date of Signing

Signature of ASSIGNOR

Date of Signing

Kevin T. ...

Signature of ASSIGNOR

09/26/2011

Date of Signing

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Signature of ASSIGNOR

7 Aug 2011

Date of Signing



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_____ Signature of ASSIGNOR	_____ Date of Signing
_____ Signature of ASSIGNOR	_____ Date of Signing
<i>Atsushi Taka</i> _____ Signature of ASSIGNOR	<i>Sep 12, 2011</i> _____ Date of Signing
<i>Tomomi Furuyama</i> _____ Signature of ASSIGNOR	<i>Sep 12, 2011</i> _____ Date of Signing

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IN WITNESS WHEREOF, I / We have signed

WARNING Date of signing must be the same as the date of execution of the application if item (a) was checked above.

Masahiro Takashita
Signature of ASSIGNOR

Masaaki Takagishi
Signature of ASSIGNOR

June 6, 2011
Date of Signing

June 6, 2011
Date of Signing

Signature of ASSIGNOR

Date of Signing

Signature of ASSIGNOR

Date of Signing

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Title

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