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		Attorney Docket No. <u>116860</u>

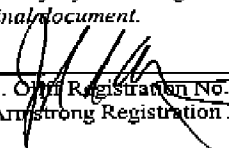
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1. A. Name of conveying party: Toshinori OKAMOTO  B. Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. A. Name and address of receiving party: MINEBEA CO., LTD. 4106-73 MIYOTA, MIYOTA-MACHI, KITASAKU-GUN, NAGANO-KEN, JAPAN  B. Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. A. Nature of conveyance:  <input type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input checked="" type="checkbox"/> Other <u>Record to correct Assignee name and address on an assignment document previously recorded on August 14, 2003, reel 014395/frame 0549</u>  B. Execution Date: <u>August 4, 2003</u>	

4. A. If this document is being filed together with a new application, the execution date of the application is: _____  B. Patent Application No.(s) <u>10/640,251</u>	C. Patent No.(s) _____  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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5. Name and address of party to whom correspondence concerning document should be mailed:  Name: <u>James A. Oliff</u>  Address: <b>OLIFF &amp; BERRIDGE, PLC</b> <b>P.O. Box 19928</b> <b>Alexandria, VA 22320</b>	6. Total number of applications and patents involved: <u>1</u>  7. Please charge Deposit Account No. 15-0461 the total fee (37 CFR 3.41) in the amount of \$ <u>40.00</u> .  8. Credit any overpayment or charge any underpayment to deposit account number 15-0461.
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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.*

 \_\_\_\_\_ Date: March 24, 2004  
 James A. Oliff Registration No. 27,075  
 Joel S. Armstrong Registration No. 36,430

Total number of pages including cover sheet, attachments, and document: 5

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DEPARTMENT OF COMMERCE  
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Attorney Docket No. 116860

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1. A. Name of conveying party:  
Toshinori OKAMOTO  
8-1403  
B. Additional name(s) of conveying party(ies) attached?  
 Yes  No

2. A. Name and address of receiving party:  
MINEBA CO., LTD.  
4106-73 MIYOTA, MIYOTA-MACHI,  
KITTSASAKU-GUN, NAGANO-KEN, JAPAN

16591 U.S. PTO  
10/640251  
08/14/03

3. A. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_  
B. Execution Date: August 4, 2003

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

4. A. If this document is being filed together with a new application, the execution date of the application is: August 4, 2003  
B. Patent Application No.(s) 10640251  
C. Patent No.(s) \_\_\_\_\_  
Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: James A. Oliff  
Address: OLIFF & BERRIDGE, PLC  
P.O. Box 19928  
Alexandria, VA 22320

6. Total number of applications and patents involved: 1  
7. A. Total fee (37 CFR 3.41).....\$ 40.00  
B. Enclosed (Check No. 145251)  
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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.  
*Thomas J. Pardini*  
Date: August 14, 2003  
James A. Oliff Registration No. 27,075  
Thomas J. Pardini Registration No. 30,411

Total number of pages including cover sheet, attachments, and document: 2

### ASSIGNMENT

(1-8) Insert (1) Toshinori OKAMOTO (5) \_\_\_\_\_  
 Name(s) of (2) \_\_\_\_\_ (6) \_\_\_\_\_  
 Inventor(s) (3) \_\_\_\_\_ (7) \_\_\_\_\_ and  
 (4) \_\_\_\_\_ (8) \_\_\_\_\_

In consideration of the sum of one dollar (\$1.00) and other 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) Insert Name of Assignee (9) Minebea Co., Ltd.  
 (10) Insert Address of Assignee (10) 4106-73 Miyota, Miyota-machi, Kitasaku-gun, Nagano-ken, Japan

(hereinafter designated as the Assignee) the entire right, title and interest for the United States of America as defined in 35 U.S.C. § 100, in the invention, and in all applications for patent including any and all divisions, continuations, substitutes, and reissues, and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as

(11) Insert Identification, (11) COIL DEVICE WITH EDGEWISE WINDING  
 such as Title, Case \_\_\_\_\_  
 Number or Foreign \_\_\_\_\_  
 Application Number (Case No. 116860)

For which the undersigned has (have) executed an application for patent in the United States of America

(12) Insert Date of (12) on August 4, 2003  
 Signing of Application \_\_\_\_\_

(13) Alternative (13) U.S. application Serial Number \_\_\_\_\_  
 identification for filed August 14, 2003  
 filed applications \_\_\_\_\_

- 1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing, divisional or reissue applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.
- 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, or any patent or reissue application based thereon, 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, maintain or confirm by reissue or reexamination a grant of a valid United States Patent to the Assignee.
- 5) The undersigned hereby authorize(s) and request(s) the Director of Patents to issue any and all Letters Patents of the United States resulting from said application or any divisional, continuing or reissue applications 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, and will not execute, any agreements in conflict herewith.
- 6) The undersigned hereby grant(s) the firm of OLIFF & BERRIDGE 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.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date Aug. 4, 2003 Name of Inventor Toshinori Okamoto (SEAL)  
 Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_ (SEAL)  
 Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_ (SEAL)  
 Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_ (SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A.

(b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date \_\_\_\_\_ Witness \_\_\_\_\_  
 Date \_\_\_\_\_ Witness \_\_\_\_\_

116860  
Tmw



**UNITED STATES PATENT AND TRADEMARK OFFICE**

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MARCH 08, 2004

OLIFF & BERRIDGE, PLC.  
JAMES A. OLIFF  
P.O. BOX 19928  
ALEXANDRIA, VA 22320



\*102529233A\*

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RECORDATION DATE: 08/14/2003

REEL/FRAME: 014395/0549  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

OKAMOTO, TOSHINORI

DOC DATE: 08/04/2003

ASSIGNEE:

MINEBA CO., LTD.  
4106-73 MIYOTA MIYOTA-MACHI,  
KITASAKU-GUN  
NAGANO-KEN, JAPAN

SERIAL NUMBER: 10640251  
PATENT NUMBER:

FILING DATE: 08/14/2003  
ISSUE DATE: