

07-22-2005

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To the Director of the U.S. Patent and Trade.

Record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)/Execution Date(s):**

- a. **Jiro TERADA**  
 b. **Takami ISHIDA**  
 c. **Masaya NAKATANI**  
 d. **Masahiro YASUMI**

Additional name(s) of conveying party(ies) attached? ☐ YES ☒ NO**3. Nature of Conveyance:**Execution Date(s): **June 20, 2005**

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Correction of Assignment Recordation  
 (previously recorded at Reel \_\_\_\_\_, Frame \_\_\_\_\_).  
☐ Other

**2. Name and address of receiving party(ies):**Name: **Matsushita Electric Industrial Co., Ltd.**

Internal Address: \_\_\_\_\_

Street Address: **1006, Oaza Kadoma-shi.**City: **Osaka**

State: \_\_\_\_\_

Zip: **571-8501**Country: **Japan**Additional name(s) & address(es) attached? ☐ YES ☒ NO**4. Application or patent number(s):** ☒ This document is being filed together with a new application.

A. Patent Application Number(s) \_\_\_\_\_

B. Patent Number(s) \_\_\_\_\_

Additional number(s) attached? ☐ YES ☒ NO**5. Name and address of party to whom correspondence concerning document should be mailed:**Name: **Lawrence E. Ashery**  
Internal Address: **RatnerPrestia**

- ☒ Street Address: **Suite 301**  
**One Westlakes**  
**Berwyn, P.O. Box 980**  
 City: **Valley Forge** State: **PA** ZIP: **19482-0980**  
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OR

- ☐ Street Address: **Nemours Building**  
**1007 Orange Street**  
**Suite 1100, P.O. Box 1596**  
 City: **Wilmington** State: **DE** ZIP: **19899**  
 Phone Number: **(302) 778-2500**  
 Fax Number: **(302) 778-2600**

**6. Total number of applications and patents involved:****1****7. Total fee (37 CFR 1.21(h) & 3.41):** **\$ 40.00**

- ☒ Authorized to be charged by credit card  
☐ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**a. Credit Card - Last 4 Numbers **1006**  
Expiration Date **03/06**b. Deposit Account Number \_\_\_\_\_  
Authorized User Name \_\_\_\_\_**9. Signature:**

Signature

**July 15, 2005**

Date

**Lawrence E. Ashery**  
Name of Person Signing**34,515**  
Registration Number

Total number of pages including cover sheet, attachments and documents:

**3**Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

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113014 U.S. PTO  
11/182098

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No legalization required

**ASSIGNMENT**

WHEREAS, the ASSIGNOR, comprising the following named inventor(s)

Inventor(s)

ASSIGNOR(s)/  
INVENTOR(s)

- |                           |                           |
|---------------------------|---------------------------|
| 1. <u>Jiro TERADA</u>     | 2. <u>Takami ISHIDA</u>   |
| 3. <u>Masaya NAKATANI</u> | 4. <u>Masahiro YASUMI</u> |

has made an invention entitled: VIBRATION-TYPE PIEZOELECTRIC ACCELERATION  
SENSOR ELEMENT AND VIBRATION-TYPE PIEZOELECTRIC ACCELERATION  
SENSOR THEREWITH

and has executed an application for Letters Patent of the United States concurrently herewith;

ASSIGNEE  
(Full Name  
and address)

WHEREAS, the ASSIGNEE

Matsushita Electric Industrial Co., Ltd.

1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 Japan

is desirous of acquiring the entire interest in and to said invention and the Letters Patent to be obtained therefor,

NOW, THEREFORE, in consideration of the payment by ASSIGNEE to ASSIGNOR of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR, intending to be legally bound, hereby sells, assigns and transfers to ASSIGNEE, its successors and assigns the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including all divisions and continuations thereof, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto.

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

ASSIGNOR agrees it shall be legally bound, upon request of the ASSIGNEE or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the ASSIGNOR has knowledge or

possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the ASSIGNEE, and to execute all instruments proper to carry out the intent of this instrument.

If the invention requires a biological deposit, ASSIGNOR also grants to ASSIGNEE such control over any deposit made by ASSIGNOR as may be necessary to the validity of the patent rights assigned herein.

ASSIGNOR authorizes ASSIGNOR's attorney to insert at the end hereof the serial number and filing date of the aforesaid application for United States Letters Patent and/or the Attorney docket or file designation for this application.

If the ASSIGNOR includes more than one individual, these obligations shall apply to these individuals both individually and collectively.

IN WITNESS WHEREOF, this Assignment is executed on the day indicated below.

(Typed or Printed Name)	(Signature)	(Date)
1. <u>Jiro TERADA</u>	<u>Jiro Terada</u>	<u>June 20, 2005</u>
2. <u>Takami ISHIDA</u>	<u>Takami Ishida</u>	<u>June 20, 2005</u>
3. <u>Masaya NAKATANI</u>	<u>Masaya Nakatani</u>	<u>June 20, 2005</u>
4. <u>Masahiro YASUMI</u>	<u>Masahiro Yasumi</u>	<u>June 20, 2005</u>

Application for United States Letters Patent

Serial No. \_\_\_\_\_ Filed \_\_\_\_\_,

Attorney Docket No. \_\_\_\_\_.