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10/500393 PATENT ONLY  
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OMB No. 0651-0027 (Exp. 6/30/2005)U.S. DEPARTMENT OF COMMERCE  
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To the Honorable Commissioner of

102847450

the original documents or copy thereof

## 1. Name of conveying party(ies):

Yukinori SASAKI

## Name of receiving party(ies):

Name: Matsushita Electric Industrial Co., Ltd.

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Country: Japan

Additional name(s) of conveying party(ies) attached? ☐ YES ☒ NOAdditional name(s) & address(es) attached? ☐ YES ☒ NO

## 3. Nature of Conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Correction of Assignment Recordation  
 (previously recorded at Reel \_\_\_\_\_, Frame \_\_\_\_\_).  
☐ Other

Execution Date: May 31, 2004

## 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: May 31, 2004

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

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 City: Wilmington State: DE  
 ZIP: 19899

## 6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.

- ☒ Enclosed  
☐ Authorized to be charged to deposit account

8. Deposit account number: 18-0350  
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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.

Lawrence E. Ashery 34,515

June 28, 2004

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Signature

Date

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40.00 OF

USPTO Form 1595 [R&amp;P]

PATENT  
 REEL: 015823 FRAME: 0297

No legalization required

ASSIGNMENT

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

Inventor(s)

ASSIGNOR(s)/  
INVENTOR(s)

1. Yukinori SASAKI

has made an invention entitled: PIEZOELECTRIC VIBRATOR, FILTER  
USING THE SAME AND ITS ADJUSTING METHOD

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. Yukinori SASAKI	<u><i>Yukinori Sasaki</i></u>	<u>May 31, 2004</u>

SIGNATURE

International Application No. PCT/IP2003/013633 Filed: October 24, 2003

Application for United States Letters Patent

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

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