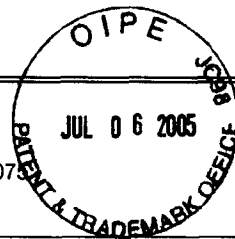


07-13-2005  
103039334

Attorney Docket Number: 025720-00075  
Date: July 6, 2005



To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

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

- |                        |                      |
|------------------------|----------------------|
| 1. Shinji TANIGUCHI    | 5. Masafumi IWAKI    |
| 2. Tokihiro NIISHIHARA | 6. Masanori UEDA     |
| 3. Takeshi SAKASHITA   | 7. Tsutomu MIYASHITA |
| 4. Tsuyoshi YOKOYAMA   |                      |

Execution Date(s): May 18, 2005

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

3. Nature of conveyance:

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> Assignment                      | <input type="checkbox"/> Merger         |
| <input type="checkbox"/> Security Agreement                         | <input type="checkbox"/> Change of Name |
| <input type="checkbox"/> Government Interest Assignment             |   |
| <input type="checkbox"/> Executive Order 9424, Confirmatory License |   |
| <input type="checkbox"/> Other: _____                               |   |

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

Name: FUJITSU MEDIA DEVICES LIMITED

Address: 3-12, Shin-Yokohama 2-chome, Kohoku-ku,  
Yokohama-shi, Kanagawa 222-0033 Japan

and

Name: FUJITSU LIMITED

Address: 1-1, Kamikodanaka 4-chome, Nakahara-ku,  
Kawasaki-shi, Kanagawa 211-8588 Japan

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application Number(s)  
11/138,893

B. Patent Number(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: ARENT FOX PLLC

Street Address: 1050 Connecticut Avenue, NW  
Suite 400  
Washington, DC 20036-5339

Telephone Number: 202-857-6000  
Fax Number: 202-638-4810

Email Address: dcipdocket@arentfox.com

6. Total number of applications and patents involved: One

7. Total fee (37 CFR 3.41): \$ 40.00

- |  |
|--|
| <input checked="" type="checkbox"/> Included in attached check number 428980.                            |
| <input type="checkbox"/> Authorized to be charged by credit card.  |
| <input type="checkbox"/> Authorized to be charged to Deposit Account.                                    |
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a. Credit Card Last 4 Numbers: \_\_\_\_\_  
Expiration Date: \_\_\_\_\_

b. Deposit Account Number: 01-2300 (Attach duplicate copy of this page if paying by deposit account.)

Authorized User Name: \_\_\_\_\_

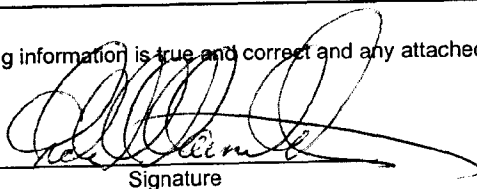
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9. Statement and signature.

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.

Charles M. Marmelstein

Name of Person Signing  
Registration Number 25,895

  
Signature

July 6, 2005

Date

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

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TECH/317035.1

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

**U.S. ASSIGNMENT**

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

[Insert  
ASSIGNEE's  
Name(s)  
Address(es)]

FUJITSU MEDIA DEVICES LIMITED of 3-12, Shin-Yokohama 2-chome, Kohoku-ku, Yokohama-shi,  
Kanagawa 222-0033 Japan, and FUJITSU LIMITED of 1-1, Kamikodanaka 4-chome, Nakahara-ku,  
Kawasaki-shi, Kanagawa 211-8588 Japan

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest, including the right to sue for past infringement, if any, and all rights pursuant to 35 U.S.C. §154, to the invention entitled

[Title of  
Invention]

PIEZOELECTRIC THIN-FILM RESONATOR AND FILTER AND FABRICATING METHOD

[\*If the  
assignment  
is being filed  
after the filing  
of the  
application,  
this  
section must  
be  
completed]

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

filed on May 27, 2005, Serial No. 11/138,893  
(Arent Fox PLLC is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof, and any other application claiming priority thereto, for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

[Signature(s)  
of  
Assignor(s)]

Shinji Taniguchi  
(SIGNATURE)  
Tokihiro Nishihara  
(SIGNATURE)  
Takeshi Sakashita  
(SIGNATURE)  
Tsuyoshi Yokoyama  
(SIGNATURE)  
Masafumi Iwaki  
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Masanori Ueda  
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Tsutomu Miyashita  
(SIGNATURE)

Shinji Taniguchi  
(TYPE NAME)  
Tokihiro Nishihara  
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Takeshi Sakashita  
(TYPE NAME)  
Tsuyoshi Yokoyama  
(TYPE NAME)  
Masafumi Iwaki  
(TYPE NAME)  
Masanori Ueda  
(TYPE NAME)  
Tsutomu Miyashita  
(TYPE NAME)

May 18, 2005  
(DATE)  
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