

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Shinji TANIGUCHI	04/24/2008
Tokihiro NISHIHARA	04/24/2008
Tsuyoshi YOKOYAMA	04/24/2008
Masafumi IWAKI	04/24/2008
Motoaki HARA	04/24/2008
Go ENDO	05/07/2008
Yasuyuki SAITOU	05/07/2008
Masanori UEDA	04/30/2008

**RECEIVING PARTY DATA**

<b>Name:</b>	FUJITSU MEDIA DEVICES LIMITED
<b>Street Address:</b>	3-12, Shin-Yokohama 2-chome, Kohoku-ku,
<b>City:</b>	Yokohama-shi, Kanagawa
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	222-0033

<b>Name:</b>	FUJITSU LIMITED
<b>Street Address:</b>	1-1, Kamikodanaka 4 chome, Nakahara-ku,
<b>City:</b>	Kawasaki-shi, Kanagawa
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	211-8588

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	12122246

**CORRESPONDENCE DATA**

Fax Number: (202)857-6395

OP \$40.00 12122246

*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

Email: dcipdocket@arentfox.com  
Correspondent Name: Charles M. Marmelstein  
Address Line 1: 1050 Connecticut Avenue N.W. Suite 400  
Address Line 4: Washington, DISTRICT OF COLUMBIA 20036

ATTORNEY DOCKET NUMBER:	025720-00164
NAME OF SUBMITTER:	Charles M. Marmelstein
Total Attachments: 2 source=025720-00164assignment#page1.tif source=025720-00164assignment#page2.tif	

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

[\*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 14, 2008, Serial No. 12/122,244  
(Arent Fox LLP 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)]

<u>Shinji Taniguchi</u> (SIGNATURE)	<u>Shinji Taniguchi</u> (TYPE NAME)	<u>24/Apr/2008</u> (DATE)
<u>Tokihiro Nishihara</u> (SIGNATURE)	<u>Tokihiro Nishihara</u> (TYPE NAME)	<u>24/Apr/2008</u> (DATE)
<u>Tsuyoshi Yokoyama</u> (SIGNATURE)	<u>Tsuyoshi Yokoyama</u> (TYPE NAME)	<u>24/Apr/2008</u> (DATE)
<u>Masafumi Iwaki</u> (SIGNATURE)	<u>Masafumi Iwaki</u> (TYPE NAME)	<u>24/Apr/2008</u> (DATE)
<u>Motoaki Hara</u> (SIGNATURE)	<u>Motoaki Hara</u> (TYPE NAME)	<u>24/Apr/2008</u> (DATE)
<u>Go Endo</u> (SIGNATURE)	<u>Go Endo</u> (TYPE NAME)	<u>7/May/2008</u> (DATE)

Yasuyuki Saitou  
(SIGNATURE)  
Masanori Ueda  
(SIGNATURE)

Yasuyuki Saitou  
(TYPE NAME)  
Masanori Ueda  
(TYPE NAME)

7/ May / 2008  
(DATE)  
Apr. 30, 2008  
(DATE)