

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Shinji TANIGUCHI</td> <td>02/05/2009</td> </tr> <tr> <td>Tokihiro NISHIHARA</td> <td>02/05/2009</td> </tr> <tr> <td>Tsuyoshi YOKOYAMA</td> <td>02/05/2009</td> </tr> <tr> <td>Masafumi IWAKI</td> <td>02/05/2009</td> </tr> <tr> <td>Motoaki HARA</td> <td>02/05/2009</td> </tr> <tr> <td>Masanori UEDA</td> <td>02/05/2009</td> </tr> </tbody> </table>		Name	Execution Date	Shinji TANIGUCHI	02/05/2009	Tokihiro NISHIHARA	02/05/2009	Tsuyoshi YOKOYAMA	02/05/2009	Masafumi IWAKI	02/05/2009	Motoaki HARA	02/05/2009	Masanori UEDA	02/05/2009
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RECEIVING PARTY DATA															
Name:	FUJITSU LIMITED														
Street Address:	1-1, Kamikodanaka 4-chome														
Internal Address:	Nakahara-ku, Kawasaki-shi,														
City:	Kanagawa														
State/Country:	JAPAN														
Postal Code:	211-8588														
PROPERTY NUMBERS Total: 1															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12397932</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12397932										
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Application Number:	12397932														
CORRESPONDENCE DATA															
Fax Number:	(202)638-4810														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
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CH \$40.00 12397932

PATENT

NAME OF SUBMITTER:

Charles M. Marmelstein

Total Attachments: 2

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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 Name(s) & Address(es) of ASSIGNEE(S))

FUJITSU LIMITED

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 to the invention entitled
(Title of Invention)

PIEZOELECTRIC THIN FILM RESONATOR, FILTER, AND COMMUNICATION

APPARATUS

relating to International Patent Application PCT/JP / _____ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on _____;

(Insert date of execution of application, if not concurrent)

(b) filed on March 4, 2009

Serial No. 12,397,932;

Assignee's attorney is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

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

1)	<u>Shinji Taniguchi</u> (Signature)	<u>Shinji TANIGUCHI</u> (Typed Name)	<u>Feb. 05, 2009</u> (Date)
2)	<u>Tokihiro Nishihara</u> (Signature)	<u>Tokihiro NISHIHARA</u> (Typed Name)	<u>Feb. 05, 2009</u> (Date)
3)	<u>Tsuyoshi Yokoyama</u> (Signature)	<u>Tsuyoshi YOKOYAMA</u> (Typed Name)	<u>Feb. 05, 2009</u> (Date)
4)	<u>Masafumi Iwaki</u> (Signature)	<u>Masafumi IWAKI</u> (Typed Name)	<u>Feb. 05, 2009</u> (Date)
5)	<u>Motoaki Hara</u> (Signature)	<u>Motoaki HARA</u> (Typed Name)	<u>Feb. 05, 2009</u> (Date)

6)	<u>M. Ueda</u> (Signature)	<u>Masanori UEDA</u> (Typed Name)	<u>Feb., 5, 2009</u> (Date)
7)	_____ (Signature)	_____ (Typed Name)	_____ (Date)
8)	_____ (Signature)	_____ (Typed Name)	_____ (Date)
9)	_____ (Signature)	_____ (Typed Name)	_____ (Date)
10)	_____ (Signature)	_____ (Typed Name)	_____ (Date)