

PATENT ASSIGNMENT

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Michio MIURA	10/15/2009
Suguru WARASHINA	10/15/2009
Takashi MATSUDA	10/16/2009
Shogo INOUE	10/06/2009
Kazunori INOUE	10/15/2009
Satoru MATSUDA	10/15/2009

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12608397

CORRESPONDENCE DATA

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025719-00015

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PATENT
REEL: 023450 FRAME: 0038

NAME OF SUBMITTER:

Charles M. Marmelstein

Total Attachments: 1

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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)

ACOUSTIC WAVE DEVICE, DUPLEXER, COMMUNICATION MODULE, COMMUNICATION APPARATUS, AND

MANUFACTURING METHOD FOR ACOUSTIC WAVE DEVICE

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 October 29, 2009

Serial No. 127608,397;

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>Michio Miura</u> (Signature)	<u>Michio MIURA</u> (Type Name)	<u>Oct. 15, 2009</u> (Date)
2) <u>Suguru Warashina</u> (Signature)	<u>Suguru WARASHINA</u> (Type Name)	<u>Oct. 15, 2009</u> (Date)
3) <u>Takashi Matsuda</u> (Signature)	<u>Takashi MATSUDA</u> (Type Name)	<u>Oct. 16, 2009</u> (Date)
4) <u>Shogo Inoue</u> (Signature)	<u>Shogo INOUE</u> (Type Name)	<u>Oct. 6, 2009</u> (Date)
5) <u>Kazunori Inoue</u> (Signature)	<u>Kazunori INOUE</u> (Type Name)	<u>Oct. 15, 2009</u> (Date)
6) <u>Satoru Matsuda</u> (Signature)	<u>Satoru MATSUDA</u> (Type Name)	<u>Oct. 15, 2009</u> (Date)