

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 style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr><td>Masanori UEDA</td><td>04/22/2009</td></tr> <tr><td>Motoaki HARA</td><td>04/22/2009</td></tr> <tr><td>Shogo INOUE</td><td>04/13/2009</td></tr> <tr><td>Kenya HASHIMOTO</td><td>08/19/2009</td></tr> <tr><td>Yasutomo TANAKA</td><td>09/13/2009</td></tr> <tr><td>Masatsune YAMAGUCHI</td><td>08/19/2009</td></tr> <tr><td>Tatsuya OMORI</td><td>08/24/2009</td></tr> </tbody> </table>		Name	Execution Date	Masanori UEDA	04/22/2009	Motoaki HARA	04/22/2009	Shogo INOUE	04/13/2009	Kenya HASHIMOTO	08/19/2009	Yasutomo TANAKA	09/13/2009	Masatsune YAMAGUCHI	08/19/2009	Tatsuya OMORI	08/24/2009
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CORRESPONDENCE DATA																	
<p>Fax Number: (202)857-6395 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 2028576000 Email: dcipdocket@arentfox.com</p> <p>Correspondent Name: Arent Fox LLP Address Line 1: 1050 Connecticut Avenue, N.W. Address Line 2: Suite 400 Address Line 4: Washington, DISTRICT OF COLUMBIA 20036-5339</p>																	

OP \$40.00 12363260

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PATENT
REEL: 023509 FRAME: 0349

ATTORNEY DOCKET NUMBER:	025719-00009
NAME OF SUBMITTER:	Charles M. Marmelstein
Total Attachments: 2 source=025719-00009_Assignment#page1.tif source=025719-00009_Assignment#page2.tif	

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, 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 January 30, 2009

Serial No. 12 363, 260

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>M. Ueda</u> (Signature)	<u>Masanori UEDA</u> (Type Name)	<u>Apr. 22, 2009</u> (Date)
2) <u>Motoaki HARA</u> (Signature)	<u>Motoaki HARA</u> (Type Name)	<u>Apr. 22, 2009</u> (Date)
3) <u>Shogo INOUE</u> (Signature)	<u>Shogo INOUE</u> (Type Name)	<u>Apr. 13, 2009</u> (Date)
4) _____ (Signature)	<u>Kenya HASHIMOTO</u> (Type Name)	_____ (Date)
5) _____ (Signature)	<u>Yasutomo TANAKA</u> (Type Name)	_____ (Date)
6) _____ (Signature)	<u>Masatsune YAMAGUCHI</u> (Type Name)	_____ (Date)
7) _____ (Signature)	<u>Tatsuya OMORI</u> (Type Name)	_____ (Date)

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1) _____ (Signature)	Masanori UEDA (Type Name)	_____ (Date)
2) _____ (Signature)	Motoaki HARA (Type Name)	_____ (Date)
3) _____ (Signature)	Shogo INOUE (Type Name)	_____ (Date)
4) <u>Kenya Hashimoto</u> (Signature)	Kenya HASHIMOTO (Type Name)	<u>Aug. 19, 2009</u> (Date)
5) <u>Y. Tanaka</u> (Signature)	Yasutomo TANAKA (Type Name)	<u>Sep. 13, 2009</u> (Date)
6) <u>M. Yamaguchi</u> (Signature)	Masatsune YAMAGUCHI (Type Name)	<u>Aug. 19, 2009</u> (Date)
7) <u>Tatsuya Omori</u> (Signature)	Tatsuya OMORI (Type Name)	<u>Aug. 24, 2009</u> (Date)

PATENT

RECORDED: 11/12/2009

REEL: 023509 FRAME: 0352