PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

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

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12363260

CORRESPONDENCE DATA

(202)857-6395 Fax Number:

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501013969

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REEL: 023509 FRAME: 0349

PATENT

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	

PATENT REEL: 023509 FRAME: 0350

U.S. ASSIGNMENT

1-1, Kamikodanaka 4-chome, Nakahara-ku, Kar	wasaki-shi, Kanagawa 211-8588 Japan		
(hereinafter, "ASSIGNEE"), the receipt of which is h ASSIGNEE the entire and exclusive right, title and in (Title of Invention) ACOUSTIC WAVE DEVICE, DUPLEXER, COM	nterest to the invention entitled		
ACOUSTIC WAVE DEVICE, DUFLEARR, COM	MONICATION MODULE, AND COMMONE	CATION AT AUTOS	
relating to International Patent Application PCT/JP_executed on even date herewith or, if not so executed		or Letters Patent of the United States was	
(a) executed on	; (Insert date of execution of applic	cation, if not concurrent)	
(b) filed on January 30, 2009	Assignee's attorney is hereby	Assignee's attorney is hereby authorized to insert in (b) the specified	
Serial No. 12 363,260	data, when known.		
and to said application and all Letters Fatchits) of the substitute, reissue or reexamination application based including any extensions thereof (collectively, herein The ASSIGNOR agree(s), when requested by said which the ASSIGNEE may deem necessary, desirable including in the preparation and prosecution of said a reexamination, or public use proceeding, and in any life acts to include but not be limited to executing all paps sworn testimony, and obtaining and producing evider	after, "said application(s) and Letters Patent(s)" ASSIGNEE and without charge to but at the ender or expedient, for securing, maintaining and emplication(s) and the issuance of said Letters Patigation or other legal proceeding which may ariers, including separate assignments and declarate	said Letters Patent(s) may be granted and '). Expense of said ASSIGNEE, to do all acts acts forcing protection for said invention, stent(s), in any interference, reissue, se or be declared in relation to same, such	
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PATENT REEL: 023509 FRAME: 0351

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, Kawasak	i-shi, Kanagawa 211-8588 Japan		
(hereinafter, "ASSIGNEE"), the receipt of which is hereby ASSIGNEE the entire and exclusive right, title and interest (Title of Invention) ACOUSTIC WAVE DEVICE, DUPLEXER, COMMUN	t to the invention entitled		
relating to International Patent Application PCT/JP / executed on even date herewith or, if not so executed, was:		Letters Patent of the United States was	
(a) executed on;	(Insert date of execution of applicat	(Insert date of execution of application, if not concurrent)	
(b) filed on January 30, 2009	Assignee's attorney is hereby a	thorized to insert in (b) the specified	
Serial No. 12/363, 260 ;	data, when known.		
and to said application and all Letters Patent(s) of the Unit substitute, reissue or reexamination application based there including any extensions thereof (collectively, hereinafter, The ASSIGNOR agree(s), when requested by said ASS which the ASSIGNEE may deem necessary, desirable or e including in the preparation and prosecution of said applicate reexamination, or public use proceeding, and in any litigatic acts to include but not be limited to executing all papers, in sworn testimony, and obtaining and producing evidence.	con, for the full term or terms for which the sa "said application(s) and Letters Patent(s)"). HIGNEE and without charge to but at the exp expedient, for securing, maintaining and enfo- ation(s) and the issuance of said Letters Pate on or other legal proceeding which may arise	id Letters Patent(s) may be granted and conse of said ASSIGNEE, to do all acts reing protection for said invention, nt(s), in any interference, reissue, or be declared in relation to same, such	
IN WITNESS WHEREOF, the undersigned inventor(s)	has (have) affixed his/her/their signature(s).		
l) (Signature)	Masanori UEDA (Type Name)	(Date)	
2)	Motoaki HARA		
(Signature)	(Type Name)	(Date)	
3)	Shogo INOUE		
(Signature).	(Type Name)	(Date)	
4) Kyl (Signature)	Kenya HASHIMOTO (Type Name)	Aug. 19, 2007	
5) y. Januka	Yasutomo TANAKA (Type Name)	Sop 13, 2009	
6) M. Yamaşıch _	Masatsune YAMAGUCHI (Type Name)	Aug. 19, 2009	
7) Tatnye Omori -	Tatsuya OMORI (Type Name)	Aug. 24, 2009	

RECORDED: 11/12/2009

PATENT REEL: 023509 FRAME: 0352