## 11-23-2007

U.S. Department of Commerce Patents & Trademark Office

Attorney Docket No. 025720-00141



	103463	384	Date: Nove	mber 16, 2007		
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.						
Name of conveying party(ies)/Execution Date(s):			Name and address of receiving party(ies):			
Satoru MATSUI     Michio MIURA     Shogo INOUE	DA 4. Takashi MATS 5. Masanori UED 6. Seiichi MITOBI	A	Name: FUJ Address:	ITSU MEDIA DEVICES LIMITED  3-12, Shin-Yokohama 2-chome		
Execution Date(s): 1. September 20, 2007; 2. September 20, 2007; 4. September 20, 2007; 5. September 27, 2007				Kohoku-ku, Yokohama-shi Kanagawa 222-0033 JAPAN		
			ŀ	ITSU LIMITED		
Additional name(s) of conveying party(ies) attached?			Address:	1-1, Kamikodanaka 4-chome Nakahara-ku, Kawasaki-shi Kanagawa 211-8588 JAPAN		
			Additional name(s) & address(es) attached? ☐ Yes ☐ No			
4. Application number(s) or patent number(s):						
A. Patent Application No.(s) 11/902,800			B. Patent No.(s)			
Additional numbers attached? ☐ Yes   ☑ No						
Name and address of party to whom correspondence concerning document should be mailed:		6. Total number of applications and patents involved: One				
Name:	Arent Fox LLP		7. Total fee (3	37 CFR 1.21(h) & 3.41) \$ 40.00		
Street Address:	1050 Connecticut Avenue, N.W., Washington, D.C. 20036-5339	Suite 400	<ul> <li>☑ Included in attached check.</li> <li>☐ Authorized to be charged by credit card.</li> <li>☐ Authorized to be charged to Deposit Account.</li> <li>☑ Any additional fees are authorized to be charged to deposit account.</li> </ul>			
Tel. No.: Fax No.:	202-857-6000 202-638-4810					
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9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.						
Charles M. Marmelstein		All	Soem S	November 16, 2007		
Name of Per Reg. No. 25,		Sign	ature	Date		
		Total number of r	pages including o	cover sheet, attachments, and document: 2		

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]

[\*If the

ACOUSTIC WAVE DEVICE, RESONATOR AND FILTER

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

**RECORDED: 11/16/2007** 

September 25, 2007 Serial No.

11/902,800

(Arent Fox PLLC is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

assignment is being filed after the filing of the application, this section must he completed]

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) Assignor(s)]

Satora Matsuda	Satoru Matsuda	20/ Sep/2007
(SIGNATURE)	(TYPE NAME)	(DATE)
Michio Milla	Michio Miura	20/sep/2007
(SIGNATURE)	(TYPE NAME)	(DATE)
-thogo thous	Shogo Inoue	20/Sep/2007
$\mathcal{L}_{\mathcal{A}} \mathcal{L}_{\mathcal{A}} \mathcal{L}_{\mathcal{A}} $ (SIGNATURE)	(TYPE NAME)	(DATE)
Jokashi matsuda	Takashi Matsuda	20/5%/2007
(SIGNATURE)	(TYPE NAME)	(ĎATE)
Masanori Clerk	Masanori Ueda	Sapt., 21, 2007
(SIGNATURE)	(TYPE NAME)	' (DATE) ' .
Seiichi Mitobe	Seiichi Mitobe	Sept., 27, 200/
(SIGNATURE)	(TYPE NAME)	(DATE)

PATENT REEL: 020162 FRAME: 0500