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U.S. Department of Commerce Patents & Trademark Office

Attorney Docket No. 025720-00099

Date: July 27, 2006

103284537	
To the Director of the U.S. Patent and Trademark Office: P	lease record the attached documents or the new address(es) below.
1. Name of conveying party(ies)/Execution Date(s):	Name and address of receiving party(ies):
1. Shogo INOUE 2. Tokihiro NISHIHARA 3. Takashi MATSUDA	Name: FUJITSU MEDIA DEVICES LIMITED Address: 3-12, Shin-Yokohama 2-chome Kohoku-ku, Yokohama-shi Kanagawa 222-0033 JAPAN Name: FUJITSU LIMITED
4. Masanori UEDA Execution Date(s): 1. July 18, 2006	Kohoku-ku, Yokohama-shi Kanagawa 222-0033 JAPAN Name: FUJITSU LIMITED
 July 18, 2006 July 18, 2006 July 18, 2006 	Address: 1-1, Kamikodanaka 4-chome Nakahara-ku, Kawasaki-shi Kanagawa 211-8588 JAPAN
Additional name(s) of conveying party(ies) attached? Yes	
3. Nature of conveyance: ☐ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Government Interest Assignment ☐ Executive Order 9424, Confirmatory License ☐ Other	Additional name(s) & address(es) attached? ☐ Yes ☑ No
4. Application number(s) or patent number(s):	s document is being filed together with a new application.
A. Patent Application No.(s) NEW APPLICATION	B. Patent No.(s)
Additional number	s attached? Yes No
Name and address of party to whom correspondence concern document should be mailed:	ing 6. Total number of applications and patents involved: One
Name: Arent Fox PLLC	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Street Address: 1050 Connecticut Avenue, N.W., Suite 400 Washington, D.C. 20036-5339	 ☑ Included in attached check. ☐ Authorized to be charged by credit card. ☐ Authorized to be charged to Deposit Account.
Tel. No.: 202-857-6000 Fax No.: 202-638-4810	Any additional fees are authorized to be charged to deposit account.
Email Address: dcipdocket@arentfox.com	8. Payment Information a. Credit Card Last 4 Numbers: Expiration Date:
28/2006 STEUMEL1 00000070 11493655	b. Deposit account number: 01-2300 (Attach duplicate copy of this page if paying by deposit account) Authorized User Name:
FC:8021 (40.00 BP) DO NOT	USE THIS SPACE
Statement and signature. To the best of my knowledge and belief, the foregoing information is	true and conject and any attached copy is a true copy of the original document.
Charles M. Marmelstein	July 27, 2006
Name of Person Signing Reg. No. 25,895	Signature Date
	mber of pages including cover sheet, attachments, and document: 2

PATENT REEL: 018137 FRAME: 0071

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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 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]

RESONANT CIRCUIT, FILTER, AND ANTENNA DUPLEXER

[*If the ossignment is being filed after the filing of the application, this section must

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

filed on

, Serial No.

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

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) of Assignor(s)]

Shogo Inoue	Shogo Inoue	July 18, 2006
(SIGNATURE)	(TYPE NAME)	(DATE)
Tokihiro Nishihara	Tokihiro Nishihara	July 18, 2006
(SIGNATURE)	(TYPE NAME)	(DATE)
Jakashi Mattack	Takashi Matsuda	July 18, 2006
(SIGNATURE)	(TYPE NAME)	(DATE)
mosanori aleda	Masanori Ueda	July 18, 200 6
(SIGNATURE)	(TYPE NAME)	(DATE)
(SIGNATURE)	(TYPE NAME)	(DATE)
(SIGNATURE)	(TYPÉ NAME)	(DATE)
(SIGNATURE)	(TYPE NAME)	(DATE)
(SIGNATURE)	(TYPE NAME)	(DATE)

PATENT REEL: 018137 FRAME: 0072

RECORDED: 07/27/2006