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U.S. Department of Commerce Patents & Trademark Office

Attorney Docket Number: 025720-00037 Date: May 20, 2004

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| To the Assistant Commissioner of Patents Please record the attached original documents or copy thereof | | | |
| 1. Name of conveying party(ies) 1. Shogo INOUE 2. Jun TSUTSUMI 3. Takashi MATSUDA 4. Masanori UEDA Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other | 2. Name and address of receiving party(ies): Name: FUJITSU MEDIA DEVICES LIMITED Address: 3-12, Shin-Yokohama 2-chome, Kohoku-ku Yokohama-shi, Kanagawa 222-0033 Japan and Name: FUJITSU LIMITED Address: 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan | | |
| Execution Date: May 11, 2004 | Additional name(s) & address(es) attached? ☐ Yes ☑ No | | |
| 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the exect A. Patent Application No.(s) NEW PATENT APPLICATION Additional numbers attached? Y 5. Name and address of party to whom correspondence concerning document should be mailed: | B. Patent No.(s) | | |
| Name: Arent Fox PLLC Street Address: 1050 Connecticut Avenue, NW Suite 400 Washington, DC 20036-5339 721/2004 HTECKLU1 00000048 10849151 FC:8021 40.00 0P | ✓ Included in attached check number 404949. ✓ Any additional fees are authorized to be charged to deposit account 8. Deposit account number: 01-2300 (Attach duplicate copy of this page if paying by | | |
| DO NOT USE THIS SPACE | | | |
| Registration Number 25,895 | May 20, 2004 Date Date | | |

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 inventors (hereinafter ASSIGNOR) by:

FUJITSU MEDIA DEVICES LIMITED of 3-12, Shin-Yokohama 2-chome, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 Japan, and FÚJITSU 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 to the invention entitled:

SURFACE ACOUSTIC WAVE FILTER AND DUPLEXER INCLUDING THE SAME

Serial No. (Arent Fox Kintner Plotkin & Kahn, PLLC is hereby authorized to insert the series code, serial 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, divisional, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

continuing, divisional, reissue or reexamination applications thereof and also to execute separate

The ASSIGNOR agrees to execute all papers necessary in connection with application and any

for which application for Letters Patent of the United States was filed on _

| assignments in co | onnection with such applications as the | ASSIGNEE may deem need | cessary or expedient. |
|---|---|---|--|
| litigation, or oth continuation, div and to cooperate | SIGNOR agrees to execute all papers ner legal proceeding which may be ision, reissue or reexamination thereof with the ASSIGNEE in every way po such interference, litigation, or other legation. | declared concerning this or Letters Patent or reissue ssible in obtaining and pro | application or any patent issued thereon |
| IN WITNESS W | HEREOF, the undersigned inventors h | nave affixed their signatures | 3. |
| [Signature(s) of Assignor(s)] | Shogo Inoue (SIGNATURE) | Shogo Inoue (TYPE NAME) | May 11,2004 (DATE) |
| | Jun Teutsumi (SIGNATURE) | Jun Tsutsumi (TYPE NAME) | May 11, 2004 (DATE) |
| | Jokashi Matsuda (SIGNATURE) | Takashi Matsuda (TYPE NAME) | Hay 11, 2004 (DATE) |
| | Musaner Clerk | Masanori Ueda | |
| | (SIGNATURE) | (TYPE NAME) | (DATE) |
| | (SIGNATURE) | (TYPE NAME) | (DATE) |
| | (SIGNATURE) | (TYPE NAME) | (DATE) |
| NO LEG | ALIZATION REQUIRED | | |

PATENT RECORDED: 05/20/2004 REEL: 015363 FRAME: 0518