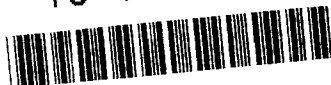


10-15-2004



102860548

Department of Commerce
Patent and Trademark Office

Attorney Docket Number: 108066-00111
Date: October 7, 2004

10/07/04

U.S. PTO
17541
10/959173

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s)

1. Osamu KAWACHI
2. Motoyuki TAJIMA
3. Takuya ABE

Execution Date(s): September 30, 2004

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: FUJITSU MEDIA DEVICES LIMITED

Address: 2-3-12, Shin-yokohama, Kohoku-ku,
Yokohama-shi, Kanagawa 222-0033 Japan

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other: _____

4. Application number(s) or patent number(s):

☒ This document is being filed together with a new application.

A. Patent Application Number(s)

B. Patent Number(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: ARENT FOX PLLC
Street Address: 1050 Connecticut Avenue, NW
Suite 400
Washington, DC 20036-5339
Telephone Number: 202-857-6000
Fax Number: 202-638-4810
Email Address: dcipdocket@arentfox.com

6. Total number of applications and patents involved: One

7. Total fee (37 CFR 3.41): \$ 40.00

- ☒ Included in attached check number 413796.
☐ Authorized to be charged by credit card.
☐ Authorized to be charged to Deposit Account.
☒ Any additional fees are authorized to be charged to Deposit Account.

8. Payment Information

a. Credit Card Last 4 Numbers: _____
Expiration Date: _____

b. Deposit Account Number: 01-2300 (Attach duplicate copy of this page if paying by deposit account.)

Authorized User Name: _____

DO NOT USE THIS SPACE

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.

for Charles M. Marmelstein

Name of Person Signing
Registration Number 25,895

Signature

Reg. No. 41,668

October 7, 2004

Date

Total number of pages including cover sheet, attachments, and document: 2

10/08/2004 FFANAEIA 00000023 10959173

02 FC:8021

40.00 OP

TECH/265654.1

PATENT
REEL: 015876 FRAME: 0832

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 LIMITED2-3-12, Shin-yokohama, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 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]

SURFACE ACOUSTIC WAVE DEVICE

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

[*If the assignment
is being filed
after the filing of the
application, this
section must be
completed]

*filed on _____, Serial No. _____

(Arent Fox Kintner Plotkin & Kahn 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, division, renewal, substitute, reissue or reexamination thereof 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)]

Osamu Kawachi

(SIGNATURE)

Osamu KAWACHI

(TYPE NAME)

September 30, 2004

(DATE)

Motoyuki Tajima

(SIGNATURE)

Motoyuki TAJIMA

(TYPE NAME)

September 30, 2004

(DATE)

Takuya Abe

(SIGNATURE)

Takuya ABE

(TYPE NAME)

September 30, 2004

(DATE)

(SIGNATURE)

(TYPE NAME)

(DATE)

(SIGNATURE)

(TYPE NAME)

(DATE)

(SIGNATURE)

(TYPE NAME)

(DATE)

PATENT**RECORDED: 10/07/2004****REEL: 015876 FRAME: 0833**