

07-29-2008

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

REI



103516503

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):

Takeshi UCHIDA (11/06/2007),
Manabu ITO (11/06/2007), and
Tomotaka KURODA (11/06/2007)

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

2. Name and address of receiving party(ies)

Name: NIHON DEMPA KOGYO CO., LTD.

Internal Address: _____

Street Address: _____

Sasazuka NA Bldg.
50-1, Sasazuka 1-chome
Shibuya-ku

City: Tokyo

State: _____

Country: JAPAN Zip: _____

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s): in parentheses after inventor name

☒ Assignment ☐ Merger ☐ Change of Name

☐ Security Agreement ☐ Joint Research Agreement

☐ Government Interest Assignment

☐ Executive Order 9424, Confirmatory License

☐ Other _____

4. Application or patent number(s):

A. Patent Application No.(s)
11/975,753

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

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Scott D. Wofsy
EDWARDS ANGELL PALMER & DODGE LLP

Internal Address: Atty. Dkt.: 69492(51379)

Street Address: P.O. Box 55874

City: Boston

State: MA Zip: 02205

Phone Number: (203) 353-6831

Fax Number: (888) 325-1664

Email Address: SWofsy@eapdlaw.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____

Expiration Date _____

b. Deposit Account Number 04-1105

Authorized User Name Scott D. Wofsy

9. Signature:

Scott D. Wofsy -35,413
Name of Person Signing

July 24, 2008

Date

Total number of pages including cover sheet, attachments, and documents:

5

07/28/2008 DBYRNE 00000005 041105 119/5753
01 FC:0621 40.00 DA

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made this 6th day of November, 2007,
by Takeshi UCHIDA; Manabu ITO; and Tomotaka KURODA (hereinafter referred to as
Assignors), residing at c/o Nihon Dempa Kogyo Co., Ltd., 1275-2, Oaza Kamihirose,
Sayami-shi, Saitama, JAPAN; c/o Nihon Dempa Kogyo Co., Ltd., 1275-2, Oaza
Kamihirose, Sayami-shi, Saitama, JAPAN; and c/o Nihon Dempa Kogyo Co., Ltd.,
1275-2, Oaza Kamihirose, Sayami-shi, Saitama, Sayama, JAPAN, respectively;

WHEREAS, Assignors have invented certain new and useful improvements
in TWO-LEVEL MOUNTING BOARD AND CRYSTAL OSCILLATOR USING THE
SAME, set forth in a Patent application for Letters Patent of the United States, already
filed on October 22, 2007 as U.S. Application No. 11/975,753; and

WHEREAS, NIHON DEMPA KOGYO CO., LTD., having its principal place
of business at Sasazuka NA Bldg., 50-1, Sasazuka 1-chome, Shibuya-ku, Tokyo,
JAPAN (hereinafter referred to as Assignee), is desirous of acquiring the entire right,
title and interest in and to said inventions and said Application for Letters Patent of the
United States, and in and to any Letters Patent of the United States to be obtained
therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good
and sufficient consideration, the receipt of which is hereby acknowledged, Assignors
have sold, assigned, transferred and set over, and by these presents do sell, assign,
transfer and set over, unto Assignee, its successors, legal representatives and
assigns, the entire right, title and interest in and to the above-mentioned inventions
and application for Letters Patent, and in and to any and all direct and indirect
divisions, continuations and continuations-in-part of said application, and any and all
Letters Patent in the United States and all foreign countries which may be granted
therefore and thereon, and reissues, reexaminations and extensions of said Letters
Patent, and all rights under the International Convention for the Protection of Industrial
Property, the same to be held and enjoyed by Assignee, for its own use and benefit
and the use and benefit of its successors, legal representatives and assigns, to the full

end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

EDWARDS ANGELL PALMER & DODGE LLP

All practitioners at Customer Number 21874

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Date: Nov. 6, 2007 Signature: Takeshi Uchida
Takeshi UCHIDA

Date: Nov. 6, 2007 Signature: Manabu Ito
Manabu ITO

Date: Nov. 6, 2007 Signature: Tomotaka Kuroda
Tomotaka KURODA

Application No. (if known): 11/975,753

Attorney Docket No.: 69492(51379)

Certificate of Mailing under 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

Mail Stop Assignment Recordation Services
Director of the US Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

on July 24, 2008
Date


Signature

Edith D. Sillman

Typed or printed name of person signing Certificate

Registration Number, if applicable

(203) 353-6832
Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Certificate of Mailing (1 page)
Recordation Form Cover Sheet (1 page)
Executed Assignment (3 pages)
Return Receipt Postcard, postage prepaid

Charge \$40.00 to deposit account 04-1105

STM 254056.1

RECORDED: 07/28/2008

PATENT
REEL: 021312 FRAME: 0431