

12-07-2006



HEET

103345361

Docket No.: WAM-058US

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):

**Kouichi MORIYA; Tsutomu YAMAKAWA;
Hidenori HARIMA**Execution Date(s): **November 27, 2006**Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

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

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

Name: **Nihon Dempa Kogyo Co., Ltd.**

Internal Address:

Street Address: **50-1, Sasazuka 1-chome
Shibuya-ku, Tokyo 151-0073**Country: **Japan**Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

A. Patent Application No.(s)

☒ 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: **Muirhead and Saturnelli, LLC**

Internal Address:

Street Address: **200 Friberg Parkway
Suite 1001**City: **Westborough**State: **Massachusetts** Zip: **01581**Fax Number: **508-898-8602**

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 1001Expiration Date 09-07

b. Deposit Account Number _____

Authorized User Name _____

9. Signature:

Donald W. Muirhead, Reg. No. 33,978

Name of Person Signing

Signature

November 30, 2006

Date

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

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:

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

PATENT

REEL: 018660 FRAME: 0046

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ASSIGNMENT

WHEREAS, each of the undersigned has developed certain inventions described in a U.S. patent application entitled: SURFACE MOUNT TYPE CRYSTAL OSCILLATOR

(x) executed on even date herewith;

() executed on _____;

() now U.S. Patent Application No. _____ filed on _____;

and has full right to convey their entire interest both legal and equitable in and to said inventions free from all prior assignments, agreements, licenses, mortgages, security interests, or other encumbrances whatsoever; and

WHEREAS, NIHON DEMPA KOGYO CO., LTD. ("ASSIGNEE"), a corporation having offices at 50-1, Sasazuka 1-chome, Shibuya-ku, Tokyo 151-0073 Japan, is desirous of acquiring the entire right, title and interest in and to said invention or inventions and any and all patents to be obtained therefor;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by each of the undersigned, each of the undersigned hereby sells, assigns, transfers and sets over unto said ASSIGNEE, its successors and assigns, the entire right, title and interest throughout the world in and to said invention or inventions, as described in the aforesaid application, and all applications resulting therefrom, including any and all divisionals, continuations, continuations-in-part, substitute applications, and reissues or extensions thereof; and all resulting patents;

AND, each of the undersigned hereby authorizes and requests the issuing authority to issue any and all patents on said application or applications to said ASSIGNEE or its successors and assigns; each of the undersigned agrees that the attorney of record shall hereinafter act on behalf of said ASSIGNEE;

AND, each of the undersigned further agrees, without any further payment or compensation by said ASSIGNEE or its successors and assigns, to communicate to said ASSIGNEE, its representatives or agents or its successors and assigns, any facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings whenever requested; to testify in any interference or other legal proceedings, whenever requested; execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and generally to do everything possible to aid said ASSIGNEE, its successors or assigns and nominees to secure, obtain and enforce proper patent protection for said invention or inventions in this or any foreign country;

Each of the undersigned hereby authorizes Muirhead and Saturnelli, LLC, 200 Friberg Parkway, Suite 1001, Westborough, MA 01581 to insert hereon any further identification information necessary or desirable for recordation of this document.

Inventor(s)

Date Signed

Witness

1. Kouichi MORIYA
Name: Kouichi MORIYA

November 27, 2006

Reiko Watanabe

2. Tsutomu YAMAKAWA
Name: Tsutomu YAMAKAWA

November 27, 2006

Reiko Watanabe

3. Hidenori HARIMA
Name: Hidenori HARIMA

November 27, 2006

Reiko Watanabe

4. _____
Name: _____

() Additional inventors are being named on a separate sheet attached hereto