MAR 0 5 2039 03-12-2009 Form **67/0-1595** (Rev. 09/08) U.S. DEPARTMENT OF COMMERCE (o. 0651-0027 (exp. 10/31/2008) United States Patent and Trademark Office 103551913 To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below. 2. Name and address of receiving party(ies) 1. Name of conveying party(ies) Name: Nihon Dempa Kogyo Co., Ltd. Chisato Ishimaru and Toshikatsu Makuta S Internal Address: Additional name(s) of conveying party(ies) attached? 💹 Yes 🗾 No 3. Nature of conveyance/Execution Date(s): Street Address: 1-50-1, Sasazuka, 19, 19 January 2009 ✓ Assignment Merger City: Shibuya-ku, Tokyo 151-8569 Security Agreement Change of Name Joint Research Agreement State: _ Government Interest Assignment Country: Japan Zip: Executive Order 9424, Confirmatory License Other Additional name(s) & address(es) attached? Yes V No 4. Application or patent number(s): This document is being filed together with a new application. A. Patent Application No 12/321,419 filed 01/21/2009 B. Patent No.(s) इ विकेश र राज्याहरू क्षान्त्रहरू । सामग्र Docket No.: NGB-160-A Additional numbers attached? Yes No 5. Name and address to whom correspondence 6. Total number of applications and patents concerning document should be mailed: involved: Name: CARRIER BLACKMAN ASSOC PC 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Internal Address: Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed Street Address: 24101 NOVI ROAD SUITE 100 None required (government interest not affecting title) 8. Payment Information City: NOVI a. Credit Card Last 4 Numbers 4877 State: MICHIGAN Zip: 48375 Expiration Date 03/11 Phone Number: (248) 344-4422 b. Deposit Account Number Fax Number: (248) 344-1096 Authorized User Name Joseph P. Carrier Email Address: cbalaw@gmail.com

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:

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Joseph P. Carrier Reg. 31,748

Name of Person Signing

9. Signature:

06 March 2009 Date

Total number of pages including cover

sheet, attachments, and documents:

In consideration of value received,

1) Chisato ISHIMARU and 2) Toshikatsu MAKUTA both of Saitama, Japan

Japan, 1-50-1, Sasazuka, Shibuy title and interest in and to an invented by the Assignor and as de for patent for said invention in al applications, and all rights of pric requests any official whose duty is Assignee, and Assignor agrees tha Assignor will communicate to said and will testify in any legal proceed	Il countries, and all divisions, reissues, continuations and extendrity resulting from the filing of any of said applications. Assist to issue patents, to issue any patent on said invention or resulting to request and without further consideration, but at the expensassignee or its representatives any facts known to Assignor respecting, sign all lawful papers, execute all divisional, continuing options, and generally do everything possible to aid said Assignee to	nee", the entire right, FACE MOUNTING, and to all applications sions of any of said agnor authorizes and ang therefrom to said se of said Assignee, ecting said invention or other applications,
Subscribed and executed at	, Japan.	
January 19, 2009	Chisato Shimarca	Appl U.S.
Date	Assignor: Chisato ISHIMARU	icatio Paten
January 19, 2009	Toshikatsu Makuta	it i
Date	Assignor: Toshikatsu MAKUTA	Application Number and U.S. Patent Applicatio
Date	Assignor:	cation Number and filing date Patent Application 12/321,419
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Date	Assignor:	unknown at
Date	Assignor:	t time of January 2
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PATENT REEL: 022388 FRAME: 0386 MAK' 0 9 2009 NGB-160-A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Ishimaru et al.

Serial Number:

12/321,419

Filed:

21 January 2009

Group Art Unit:

2817

Examiner:

Unknown

Confirmation No.:

3483

Title:

Crystal Oscillator For Surface Mounting

TRANSMITTAL OF ASSIGNMENT DOCUMENT

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

Sir:

In connection with the subject application, applicant encloses an Assignment document for recording in the U.S. Patent And Trademark Office and for return to applicant's undersigned agent.

Also enclosed Form PTO-2038 for the required amount of \$40.00 for the Assignment recording fee. All correspondence should be sent to the address as noted below.

Respectfully submitted

Customer Number 21828 Carrier, Blackman & Associates, P.C. 24101 Novi Road, Suite 100 Novi, Michigan 48375 06 March 2009

Joseph P. Carrier

Attorney for Applicant Registration No. 31,748

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I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to Mail Stop Missing Parts, Commissioner For Patents, PO Box 1450, Alexandria, VA 22313-1450 on06 March 2009.

Dated: 06 March 2009

JPC/pmp enclosures

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RECORDED: 03/09/2009