

Form PTO-1595 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005)

RECORDATION FORM COVER SHEET PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office
Attorney Docket No. 643.10410G00

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): Renesas Eastern Japan Semiconductor, Inc.</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies) Name: Komoro Murata Manufacturing Co., Ltd.</p> <p>Street Address: 190, Kashiwagi, Komoro-shi, Nagano JAPAN</p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance/ Execution Date: March 27, 2012</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other .</p>	

<p>4. Application number(s) or patent number(s): <input type="checkbox"/> This document is being filed together with a new application.</p>	
<p>A. Patent Application No.(s)</p>	<p>B. Patent Registration No.(s)</p> <p>USP 6,288,924 (dkt. 501.35134CX1) USP 6,215,687 (dkt. 501.35134VX1) USP 6,744,656 (dkt. 501.35134CX2) USP 6,788,560 (dkt.501.353134CX3)</p>
<p>Additional number(s) attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP</p> <p>Internal Address: 1300 NORTH 17TH STREET -- SUITE 1800</p> <p>City: ARLINGTON State: VA Zip 22209</p> <p>Phone Number: (703) 312-6600 Facsimile Number: (703) 312-6666 Email Address: email@antonelli.com</p>	<p>6. Total number of applications and patents involved 4</p> <p>7. Total fee (37 CFR 3.41)..... \$ 160.00</p> <p><input checked="" type="checkbox"/> Authorized to be charged by credit card <input type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)</p> <p>8. Payment Information:</p> <p>a. Credit Card Last 4 numbers: Expiration date:</p> <p>b. Deposit account number: 01-2135</p> <p>Authorized User Name:</p>
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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.

Gregory E. Montone, Reg. No. 28,141	/Gregory E. Montone	March 30, 2012
Name of Person Signing	Signature	Date

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

Documents to be recorded (including cover sheet) should be faxed to (671) 273-0140, or mailed to:
 Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

OP \$160.00 6288924

843.10410G00

ASSIGNMENT

WHEREAS, RENESAS EASTERN JAPAN SEMICONDUCTOR, INC. is the exclusive owner, by assignment, of the following Letters Patent of the United States of America:

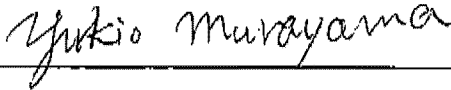
Listed In Attachment 2A

WHEREAS, Komoro Murata Manufacturing Co., Ltd., a corporation organized under the laws of Japan, having its place of business at 190, Kashiwagi, Komoro-shi, Nagano, Japan, is desirous of acquiring the entire right, title and interest in, to and under the inventions which are at least covered by the applications and/or Letters Patent as listed in Attachment 2A, as now owned by RENESAS EASTERN JAPAN SEMICONDUCTOR, INC.,

NOW, THEREFORE, for good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, the said RENESAS EASTERN JAPAN SEMICONDUCTOR, INC. has sold, assigned, transferred and set over and does hereby sell, assign, transfer and set over to the said Komoro Murata Manufacturing Co., Ltd., the entire right, title and interest of said RENESAS EASTERN JAPAN SEMICONDUCTOR, INC., in the said inventions, including applications for Letters Patent and/or Letters Patent for which benefit under 35 U.S.C. §120 has been claimed in said applications and/or Letters Patents as listed in Attachment 2A, any continuations and divisions thereof and any Letters Patent issued or issuing thereon, and any reissue or reissues of said Letters Patents which may be granted, the same to be held and enjoyed by said Komoro Murata Manufacturing Co., Ltd. for its own use and enjoyment, and for the use and enjoyment of its successors, assigns, or other legal representatives, to

the end of the term for which said Letters Patents of the United States are granted or reissued as fully and entirely as the same would have been held and enjoyed by the said RENESAS EASTERN JAPAN SEMICONDUCTOR, INC. , if this assignment and sale had not been made.

RENESAS EASTERN JAPAN SEMICONDUCTOR, INC.



Date: 3, 27, 2012

By: Yukio MURAYAMA

President

843.10410G00**ATTACHMENT 2A**

Renesas Eastern Japan Semiconductor, Inc.
to
Komoro Murata Manufacturing Co., Ltd.

<u>USPs</u>	<u>Serial No.</u>	<u>Filed</u>
USP 6,288,924	S.N. 09/512,479	02/24/2000
USP 6,215,687	S.N. 09/512,476	02/24/2000
USP 6,744,656	S.N. 10/184,920	07/01/2002
USP 6,788,560	S.N. 08/806,674	02/26/1997