

Mail Stop: Assignment Recordation Services Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450		RECORDATION FORM COVER SHEET PATENTS ONLY		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
Attorney Docket No. <u>139650</u>					
Please record the attached original document or copy thereof.					
1. A. Name of conveying party(ies): <div style="text-align: center;"> KAWASAKI MICROELECTRONICS AMERICA INC. 2550 N 1ST STREET SUITE 301 SAN JOSE, CALIFORNIA 95131 U.S.A </div> B. Additional name(s) of conveying party(ies) attached? <div style="text-align: right;"> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No </div>			2. A. Name and address of receiving party(ies): <div style="text-align: center;"> KAWASAKI MICROELECTRONICS, INC. 1-3, NAKASE, MIHAMA-KU, CHIBA 261-8501 JAPAN </div> B. Additional name(s) & address(es) attached? <div style="text-align: right;"> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No </div>		
3. A. Nature of conveyance: <div style="display: flex; justify-content: space-between;"> <div> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Security Agreement <input type="checkbox"/> Other _____ </div> <div> <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name </div> </div> B. Execution Date: <u>April 20, 2009</u>			B. Additional name(s) & address(es) attached? <div style="text-align: right;"> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No </div>		
4. <input type="checkbox"/> This document is being filed together with a new application.					
A. Patent Application No. <u>12/314,897</u>			B. Patent No.(s) _____		
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
C. Title of Application: <u>HIGH JITTER TOLERANT PHASE COMPARATOR</u>					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>James A. Oliff</u> Address: OLIFF & BERRIDGE, PLC P.O. Box 320850 Alexandria, VA 22320-4850			6. Total number of applications and patents involved: <u>1</u> 7. Please charge Deposit Account No. 15-0461 the total fee (37 CFR 3.41) in the amount of <u>\$40.00</u> . 8. Credit any overpayment or charge any underpayment to deposit account number 15-0461.		
9. Statement and signature. <i>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.</i> <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="width: 60%;"> James A. Oliff, Registration No. 27,075 Andy N. Kim, Registration No. 61,050 </div> <div style="width: 35%; text-align: right;"> Date: <u>April 22, 2009</u> </div> </div> <div style="text-align: right; margin-top: 5px;"> Total number of pages including cover sheet, attachments, and document: <u>3</u> </div>					

CH \$40.00 150461 12314897

ASSIGNMENT

WHEREAS, KAWASAKI MICROELECTRONICS AMERICA, INC., a company established under the laws of U.S.A. whose address is 2550 N 1st Street, Suite 301, San Jose, California 95131 (hereinafter called "Assignor"), is the owner by assignment duly recorded in the United States Patent and Trademark Office at the Reel and Frame(s) indicated below of the following United States Letters Patent(s) and/or patent application(s) (hereinafter called "Patent Properties"):

Application or Patent
Number and Date of
Filing or Issue

Named
Inventors

Reel
and Frame

12/314,897 filed 12/18/08

Jerome RIBO

022054/0376

The undersigned has reviewed all the documents in the chain of title identified above; and to the best of the undersigned's knowledge and belief, title is in the Assignor. The undersigned is empowered to sign this Assignment on behalf of the Assignor.

WHEREAS, KAWASAKI MICROELECTRONICS, INC., a company established under the laws of JAPAN whose address is 1-3, Nakase, Mihama-ku, Chiba 261-8501, Japan (hereinafter called "Assignee"), is desirous of acquiring the entire right, title and interest for the United States, its territories, dependencies and possessions, in and to said Patent Properties (and/or patents that may be granted therefrom), including any and all provisional, non-provisional, divisional, continuation, international, design, confirmation, substitute and reissue application(s) or extensions of the same.

Now, To All Whom It May Concern: Be it known that for and 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, Assignor has sold, assigned, transferred and set over, and does hereby sell, assign, transfer and set over, unto Assignee, its successors, assigns and legal representatives, the entire right, title and interest for the United States, its territories, dependencies and possessions, in and to said Patent Properties (and/or patents that may be granted therefrom), including any and all provisional, non-provisional, divisional, continuation, international, design, confirmation, substitute and reissue application(s) or extensions thereof; the same to be held and enjoyed by Assignee, its successors, assigns and legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor had this assignment and sale not been made, together with all claims for damages by reason of past infringement of

said Patent Properties with the right to sue for and collect the same for its own use and for the use of its successors, assigns and legal representatives.

Assignor agrees that this assignment is binding on Assignor and its, successors, assigns and legal representatives.

Assignor authorizes and requests the Commissioner of Patents and Trademarks of the United States to issue any Letters Patent of the United States, resulting from said Patent Properties and any confirmations, divisions, continuations, reexaminations, reissues or extensions thereof, to Assignee.

Assignor agrees to execute all papers necessary in connection with any interference which may be declared concerning said Patent Properties (and/or patents that may be granted therefrom), or any confirmation, division, continuation, reexamination or reissue thereof, and to cooperate with Assignee in every way possible in obtaining evidence and going forward with such interference.

Assignor covenants that it has full right to convey the interest herein assigned and that it has not executed and will not execute any agreement in conflict herewith.

Assignor agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

Assignor agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to Assignee.

Assignor grants the firm of OLIFF & BERRIDGE, PLC of Alexandria, Virginia 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.

This Assignment is effective as of the 20th day of April, 2009.



Signature
Officer of Assignor

Mr. Hisaya Keida
Typewritten Name of Officer

President of Kawasaki Microelectronics
America, Inc.
Title of Officer