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Attorney Docket No. 150031

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Shoichiro KASHIWAKURA

B. Additional name(s) of conveying party(ies) attached?
 Yes No

2. A. Name and address of receiving party:

KAWASAKI
MICROELECTRONICS, INC.
MAKUHARI TECHNO GARDEN B5,
1-3 NAKASE, MIHAMA-KU,
CHIBA 261-8501, JAPAN

B. Additional name(s) & address(es) attached?
 Yes No

3. A. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name

Other Record to correct Assignee name on an
assignment document previously recorded on July 5, 2011,
reel 026560 /frame 0278

B. Execution Date: July 4, 2011

4. A. Patent Application No. 13/176,358

B. Patent No.(s)

Additional numbers attached? Yes No

C. Title of Application: PARALLEL TO SERIAL CONVERSION APPARATUS AND METHOD OF
CONVERTING PARALLEL DATA HAVING DIFFERENT WIDTHS

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

Name: James A. Oliff

Address: **OLIFF & BERRIDGE, PLC**
P.O. Box 320850
Alexandria, VA 22320-4850
Phone Number: 703-836-6400
Fax Number: 703-836-2787

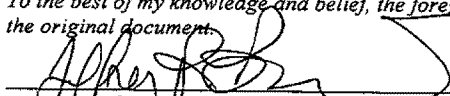
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James A. Oliff, Registration No. 27,075
Jeffrey R. Bousquet, Registration No. 57,771

Date: July 25, 2011

CH \$40.00 150461 13176358

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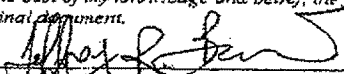
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				Attorney Docket No: <u>150031</u>	
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1. A. Name of conveying party: Shoichiro KASHIWAKURA B. Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			2. A. Name and address of receiving party: KAWASAKI MICROELECTRONIC, INC. MAKUHARI TECHNO GARDEN B5, 1-3, NAKASE, MIHAMA-KU, CHIBA 261-8501, JAPAN B. Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. A. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ B. Execution Date: <u>July 4, 2011</u>					
4. A. Patent Application No(s) <u>13/176,358</u> B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No C. Title of Application: <u>PARALLEL TO SERIAL CONVERSION APPARATUS AND METHOD OF CONVERTING PARALLEL DATA HAVING DIFFERENT WIDTHS</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 22320-8550 Phone Number: 703-836-6400 Fax Number: 703-836-2787			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>  James A. Oliff, Registration No. 27,075 Jeffrey R. Bousquet, Registration No. 57,771 Date: <u>July 5, 2011</u>					

CH \$40.00 150461 13176358

Assignment

譲渡証

Japanese Language Assignment

(1-8) Insert Name(s) of Inventor(s)

発明者の氏名を記入すること

(1) Shoichiro KASHIWAKURA

(2)

(3)

(4)

(5)

(6)

(7)

(8)

各々の署名人に対して支払われた総額 1 ドル (\$1.00) および他の適切な有価約因を考慮して、各々の署名人は

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer and set over to

(9) Insert Name of Assignee

譲受人氏名を記入すること

(9) Kawasaki Microelectronics, Inc.

(10) Insert Address of Assignee

譲受人住所を記入すること

(10) Makuhari Techno Garden B5, 1-3, Nakase, Mihama-ku, Chiba 261-8501, Japan

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(11) Insert Identification such as Title, Case Number, or Foreign Application Number

名称、事件番号、もしくは外国出願番号のような確認事項を記入のこと

(11) Parallel to Serial Conversion Apparatus and

Method of Converting Parallel Data having Different Widths

(Attorney Docket No. 150031)
弁護士整理番号

前記署名人が下記の日付でアメリカ合衆国において特許出願を履行するものであり、

for which the undersigned has **PATENT** application for patent in the United States of America on even date herewith. **REEL: 026645 FRAME: 0677**

or
もしくは

- (12) **Insert Date of Signing of Application**
出願に署名する日付を記入のこと
- (12) on _____
- (13) **Alternative Identification for filed applications**
提出された出願のための代案識別事項
- (13) **U.S. application Serial Number**
右記の米国出願整理番号で 13/176,358
- filed on _____
June 2, 2011

上記日付において提出されたものである。

1) 各々の署名人は前記発明のための出願関係および、継続出願、分割出願、再発行出願およびこの件に関する発行する特許において、必要な全ての書類を履行することに同意し、譲受人が必要と思われる、このような出願および特許に関する別途譲渡証を履行することにも同意する。

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1) Each undersigned agrees to execute all papers necessary in connection with any application and any continuing, divisional or reissue applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.

2) Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning any application or continuation or division thereof, or any patent or reissue application based thereon, for the invention, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) Each undersigned 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.

4) Each undersigned 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 the Assignee.

5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all Letters Patents of the United States resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreements in conflict herewith, and agrees that this assignment is binding on him and his heirs, successors, assigns and legal representatives.

6) Each undersigned hereby grants the firm of Oliff & Berridge the power to insert on this assignment any further identification that 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.

証人立ち会いのもとで、署名人の隣の日付をもってこの署名が履行される。

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 日付	<u>7/4/2011</u>	Inventor Signature 発明者署名	<u>Shoichiro Kashimura</u> (SEAL) 印
Date 日付	_____	Inventor Signature 発明者署名	_____ (SEAL) 印
Date 日付	_____	Inventor Signature 発明者署名	_____ (SEAL) 印
Date 日付	_____	Inventor Signature 発明者署名	_____ (SEAL) 印
Date 日付	_____	Inventor Signature 発明者署名	_____ (SEAL) 印
Date 日付	_____	Inventor Signature 発明者署名	_____ (SEAL) 印
Date 日付	_____	Inventor Signature 発明者署名	_____ (SEAL) 印
Date 日付	_____	Inventor Signature 発明者署名	_____ (SEAL) 印

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Date 日付	_____	Witness 証人	_____
Date 日付	_____	Witness 証人	_____