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PATENTS ONLYJC542 U.S. PTO
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| Assistant Commissioner for Patents: Please record the attached original document | |
| 1. Name of conveying parties: Hsin-Li Cheng, Chang-Da Yang and Ping-Wei Wang Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 2. Name and address of receiving party: WORLDWIDE SEMICONDUCTOR MANUFACTURING CORPORATION 2F, No. 9., Lane 1 Ta-Hsin Street Yung-Ho City Taipei Hsien, Taiwan, R.O.C. Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 3. 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: Execution Date: 2/2/2000, 2/2/2000 and 2/2/2000 | 3-7-00 |
| 4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: 2/2/2000, 2/2/2000 and 2/2/2000 A. Patent Application No(s): B. Patent No(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| 5. Name/address of party to whom correspondence concerning document should be mailed: FRANK R. OCCHIUTI Fish & Richardson P.C. 225 Franklin Street Boston, MA 02110-2804 | 6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050. |
| DO NOT USE THIS SPACE | |
| 9. Statement and Signature: <i>To the best of my knowledge and belief, the foregoing information is true and correct and attached is the original document.</i> Frank R. Occhiuti Reg. No. 35,306 Name of Person Signing Signature: <i>Frank R. Occhiuti</i> Date: <i>March 6, 2000</i> | |
| Total number of pages including coversheet, attachments and document: 2 | |

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March 7, 2000
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Signature

Typed Name of Person Signing Certificate

PATENT
REEL: 010658 FRAME: 0170

ASSIGNMENT

WHEREAS, Hsin-Li CHENG, Chang-Da YANG and Ping-Wei WANG hereafter referred to as ASSIGNOR, has/have invented certain new and useful improvements as described and set forth in the below identified application for United States Letters Patent:

Title: DAMASCENE LOCAL INTERCONNECT PROCESS
 Filed: Serial No.

Executed on: February 2, 2000

WHEREAS, WORLDWIDE SEMICONDUCTOR MANUFACTURING CORP. of No. 25, Li-Hsin Rd., Science-Based Industrial Park, Hsinchu, Taiwan, R.O.C. hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has/have sold, assigned and transferred, and by these presents does/do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all his/her/their rights, title and interest in and to the said invention and application and all future improvements thereon, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees/agree that he/she/they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has/have signed his/her/their name(s) on the date(s) indicated.

Hsin-Li CHENG

Date:

Chang-Da Yang
 Chang-Da YANG

Date:

Ping-Wei WANG

Date: