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Form PTO-1595 U.S. DEPARTMENT OF COMMERCE 1-31/92 Patent and Trademark Office ONLY To the Honorable Commissioner of Faterits and Hadelinans. Thease record the attached original documents or copy thereof Name of Conveying Part(ies): 2. Name and address of receiving party(ies): Patrick Arnould Frederic Hayem VLSI Technology, Inc. 10.14.28 Name: Internal Address: Additional name(s) of conveying party(ies) attached? ⊓X No 3. Nature of conveyance: Street Address: 1109 McKay Drive \mathbf{K} Assignment Security Agreement Merger \Box \Box Change of Name Other City: San Jose State: CA Zip: 95131 Execution Date: October 12, 1998 Additional names(s) & address(es) attached:

Yes Dr No Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application October 12, 1998 A.Patent Application No.(s): B.Patent No.(s) Additional numbers attached Additional numbers attached: □ Yes Name and address of party to whom 6. Total number of applications and patents involved. correspondence concerning document should be mailed: Name: James D. Shaurette Internal Address: Wells, St. John, Roberts, ⊈ Enclosed Authorized to be charged to deposit account Gregory & Matkin P.S. Street Address: 601 W. First Avenue, Ste. 1300 8. Deposit account number 23-0925 City: Spokane State: WA Zip: 99201-3817 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 10/*5***9**/1998 **Matementoend of of grat**ure. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true to the original document: 90 U James D. Shaurette Name of Person Signing Signature TOTAL NUMBER OF PAGES INCLUDING COVER SHEET, ATTACHMENTS AND DOCUMENT: OMB No. 0651-0011 (exp. 9/94) Do not detach this portion Mail documents to be recorded with required cover sheet information to:

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ASSIGNMENT

PARTIES TO THE ASSIGNMENT:

INVENTORS:

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Patrick Arnould

Frederic Hayem

ASSIGNEE:

VLSI Technology, Inc. Corporation of the State of Delaware 1109 McKay Drive San Jose, CA 95131

BACKGROUND OF THIS ASSIGNMENT:

Inventors have conceived certain new and useful inventions disclosed in a United States patent application titled Circuit Assembly and Method of Synchronizing Plural Circuits.

VLSI TECHNOLOGY, INC. desires to acquire the entire right, title and interest in said inventions and with respect to any Letters Patent that may be granted with respect to the inventions in both the United States and in all foreign countries.

THE PARTIES AGREE AS FOLLOWS:

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, INVENTORS have sold, assigned and transferred to VLSI TECHNOLOGY, INC. the full and exclusive right to said inventions in the United States and in all foreign countries.

INVENTORS do hereby sell, assign and transfer to VLSI TECHNOLOGY, INC. the entire right, title and interest in the

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above-identified application executed concurrently with this assignment and to any reissues, divisions or continuations thereof, and hereby authorizes the Commissioner of Patents and Trademarks to issue such Letters Patent to VLSI TECHNOLOGY, INC. for the sole use of VLSI TECHNOLOGY, INC., its successors or assigns.

INVENTORS further agree to execute, at the request and expense of VLSI TECHNOLOGY, INC. such other formal documents as may be required to fully convey the interest transferred herein and will similarly execute any applications papers required for the filing of any division. continuation or reissue of the patent application or resulting Letters Patent; and will generally do everything necessary or desirable to obtain and enforce proper protection for the inventions assigned hereby.

INVENTORS further assign to VLSI TECHNOLOGY, INC. the right, title and interest in the inventions disclosed in the application throughout all countries foreign to the United States. VLSI TECHNOLOGY, INC. is hereby authorized to apply for patents relating to the inventions in its own name in countries where such procedure is proper; to claim the benefit of the International Convention; to file and prosecute International Applications relating to the inventions under the Patent Cooperation Treaty; and to file and prosecute applications relating to the inventions under the European Patent Convention. INVENTORS agree to execute applications relating to the inventions in those countries and under those conventions where it is necessary that the same be executed by the inventor, and to execute assignments of

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such applications and the resulting Letters Patent to VLSI
TECHNOLOGY, INC. as well as all other necessary papers in relation
to such applications and Letters Patent.
Signed at Antibes on October, 6, 1998.
PATRICK ARNOULD
Signed at San Diego on October 12, 1998.
FREDERIC HAYEM

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PATENT REEL: 9526 FRAME: 0700