

09-24-1999

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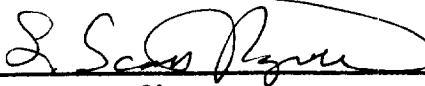
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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.
L. Scott Paynter Reg. No. 39,797  September 16, 1999
Name of Person Signing Signature Date

ASSIGNMENT

WHEREAS, Kenneth S. Gray hereinafter referred to as Assignor, has made a new and useful invention in **MEMORY REDUNDANCY TECHNIQUES** for which

Assignor has made or will make application for Letters Patent of the United States; and

WHEREAS, VLSI Technology, Inc., hereinafter referred to as Assignee, a corporation of the State of California having a principal place of business at 1109 McKay Drive, San Jose, CA 95131 desires to acquire all of the entire right, title, and interest in, to and under said invention disclosed, described and claimed or intended so to be in said application, and in, to and under said application, and in, to and under any and all Letters Patent, United States and foreign, which may be obtained therefor and thereon;

NOW, THEREFORE, 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, valuable and sufficient considerations to Assignor in hand paid, the receipt of which is hereby acknowledged, Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer unto Assignee, all of the entire right, title, and interest in, to and under said invention disclosed, described and claimed or intended so to be in said application, and in, to and under said application for United States Letters Patent, and any and all other applications thereon and arising therefrom, including any and all applications claiming the benefit thereof, and any and all divisions and continuations thereof, and any and all patents to be issued and obtained therefor and thereon, United States and foreign, including all reissues and extensions thereof.

Assignor hereby authorizes and requests the firm of Woodard, Emhardt, Naughton, Moriarty & McNett of Bank One Center Tower, 111 Monument Circle, Suite

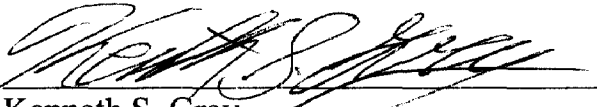
3700, Indianapolis, Indiana 46204-5137 to insert here in parentheses the date

(_____) and serial number (_____)

of said application when officially known and, and Assignor hereby authorizes and requests the Honorable Assistant Secretary and Commissioner of Patents and Trademarks to issue said Letters Patent to Assignee, its assigns and legal representatives.

Assignor agrees to assign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said invention in this and all foreign countries for the use of Assignee.

September 15, 1999
Date


Kenneth S. Gray