

02-15-2006  
103178555

ET

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**  
1. Paul Frank Beard, 2. Robert William Eugene Mack, and 3. Mark Tucker Gerrior  
Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**  
Name: Cypress Semiconductor Corporation  
Internal Address: \_\_\_\_\_  
Street Address: 3901 North First Street  
City: San Jose  
State: CA  
Country: United States of America Zip: 95134  
Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**  
Execution Date(s) 1. 2/3/06, 2. 2/4/06, 3. 2/3/06  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

**4. Application or patent number(s):**  This document is being filed together with a new application.  
A. Patent Application No.(s) 02/09/2006 MWOLDGE1 00000017 11348756  
B. Patent No.(s) \_\_\_\_\_  
Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**  
Name: Law Office of Dale B. Halling, LLC  
Internal Address: Dale B. Halling  
Street Address: 655 Southpointe Court  
Suite 100  
City: Colorado Springs  
State: Colorado Zip: 80906  
Phone Number: 719-447-1990  
Fax Number: 719-447-9815  
Email Address: dbhalling@hallinglp.com

**6. Total number of applications and patents involved:** 1  
**7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00**  
 Authorized to be charged by credit card  
 Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**  
a. Credit Card Last 4 Numbers 1001  
Expiration Date 05/06  
b. Deposit Account Number \_\_\_\_\_  
Authorized User Name \_\_\_\_\_

**9. Signature:** Dale B. Halling Signature 2/7/06 Date  
Name of Person Signing \_\_\_\_\_ Total number of pages including cover sheet, attachments, and documents:

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

**A S S I G N M E N T**

WHEREAS, WE, Paul Frank Beard residing at 1657 Country Club Drive, Milpitas, California 95035, Robert William Eugene Mack residing at 802 Goodwin Avenue, San Jose, California 95128 and Mark Tucker Gerrior residing at 118 Mercy Street, Mountain View, California 94041 have invented the new and useful:

**Method of Operating a Matrix Checksum**

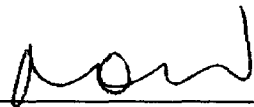
for which we have this day executed application papers for US Letters Patent thereon; and

WHEREAS, Cypress Semiconductor Corporation, 3901 North First Street, San Jose, California, a Delaware corporation, is desirous of acquiring the entire and exclusive right, title and interest in and to the said invention and in and to any Letters Patent which may be granted and issued therefor in the United States and throughout the world;


NOW, THEREFORE, in consideration of the sum of ONE DOLLAR (\$1.00) to us hand paid, and other good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged we, the said Paul Paul Frank Beard, Robert William Eugene Mack and Mark Tucker Gerrior by these presents do hereby sell, assign, transfer and set over unto the said Cypress Semiconductor Corporation, its successors, and assigns, the full and exclusive right, title and interest in and to the said invention, and in and to any Letters Patent which may be granted and issued in the United States and throughout the world therefor;

AND WE HEREBY AUTHORIZE AND REQUEST the Director of Patents and Trademarks to issue said United States Letters Patent to the said Cypress Semiconductor Corporation

IN WITNESS WHEREOF, I execute this instrument at city San Jose,  
state CA, this 3 day of FEB, 2006.

  
\_\_\_\_\_  
Paul Frank Beard

IN WITNESS WHEREOF, I execute this instrument at city San Jose,  
state CA, this 4<sup>th</sup> day of Feb, 2006.

  
\_\_\_\_\_  
Robert William Eugene Mack

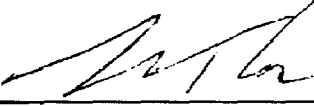
IN WITNESS WHEREOF, I execute this instrument at city \_\_\_\_\_,  
state \_\_\_\_\_, this \_\_\_\_\_ day of \_\_\_\_\_, 2006.

\_\_\_\_\_  
Mark Tucker Gerrior

IN WITNESS WHEREOF, I execute this instrument at city \_\_\_\_\_,  
state \_\_\_\_\_, this \_\_\_\_\_ day of \_\_\_\_\_, 2006.

\_\_\_\_\_  
Robert William Eugene Mack

IN WITNESS WHEREOF, I execute this instrument at city San Jose,  
state CA, this 3 day of FEB, 2006.

  
\_\_\_\_\_  
Mark Tucker Gerrior