

Form PTO-1595 (Rev. 08/15)
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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)

Samuel V. Dunton and S. Brad Hemer

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 11/09/2005, 11/07/2005

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other

2. Name and address of receiving party(ies)

Name: MATRIX SEMICONDUCTOR

Internal Address: Legal Dept

Street Address: 3230 Scott Blvd

City: Santa Clara

State: CA

Country: United States of America Zip: 95054

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

A. Patent Application No.(s)

11/237,169

☐ This document is being filed together with a new application.
B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Lorie Arkley

Internal Address: _____

Street Address: 3230 Scott Blvd

City: Santa Clara

State: CA Zip: 95054

Phone Number: 408-869-2875

Fax Number: 408-869-8923

Email Address: larkley@matrixsemi.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 _____
Expiration Date _____

b. Deposit Account Number 502302

Authorized User Name Lorie Arkley

9. Signature:

Lorie Arkley
Signature

12-19-05
Date

Lorie Arkley
Name of Person Signing

Total number of pages including cover
sheet, attachments, and documents: 6

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

CH \$40.00 502302 11237169

ASSIGNMENT

WHEREAS, We, Samuel V. Dunton, residing at 2697 Pixanne Ct., San Jose, CA 95148, and S. Brad Herper, residing at 1289 Mildred Ave, San Jose, CA 95125, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on September 28, 2005, which application was assigned U.S. patent application serial number 11/237,169, and is entitled METHOD TO MINIMIZE FORMATION OF RECESS AT SURFACE PLANARIZED BY CHEMICAL MECHANICAL PLANARIZATION;

AND WHEREAS, MATRIX SEMICONDUCTOR, a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 3230 Scott Blvd, Santa Clara, CA 95054 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

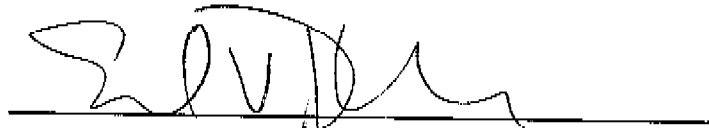
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AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

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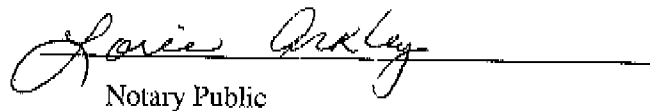
IN TESTIMONY WHEREOF, I have hereunto set my hand this 9th day of
NOVEMBER, 2005.



Samuel V. Dunton

STATE OF CALIF)
COUNTY OF SANTA CLARA)

On this 9th day of NOVEMBER, 2005 before me personally appeared Samuel V. Dunton, known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



Notary Public

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 7 day of
November, 2005.

Scott Brad Herner
S. Brad Herner

STATE OF CALIF)
COUNTY OF SANTA CLARA)

On this 7th day of NOVEMBER, 2005 before me personally appeared S. Brad Herner,
known to me to be the person described in and who executed the foregoing instrument, and he/she duly
acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



Lorie Arkley
Notary Public