

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Michael C. Parris	03/03/2008
Douglas Blaine Butler	03/03/2008
RECEIVING PARTY DATA	
Name:	ProMOS Technologies PTE.LTD.
Street Address:	30 Toh Guan Road
Internal Address:	#08-09 ODC Districentre
City:	Singapore
State/Country:	SINGAPORE
Postal Code:	608840
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12044664
CORRESPONDENCE DATA	
Fax Number:	(303)899-7333
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	719-448-5947
Email:	jllange@hhlaw.com
Correspondent Name:	William J. Kubida
Address Line 1:	2 North Cascade Ave., Ste. 1300
Address Line 4:	Colorado Springs, COLORADO 80903
ATTORNEY DOCKET NUMBER:	UMI-503
NAME OF SUBMITTER:	William J. Kubida
<p>Total Attachments: 4</p> <p>source=DOC032#page1.tif</p> <p>source=DOC032#page2.tif</p>	

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PATENT
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RECORDATION FORM COVER SHEET

PATENTS ONLY

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)/Execution Date(s):

Michael C. Parris - Execution Date: 03/03/2008
Douglas Blaine Butler - Execution Date: 03/03/2008Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

ProMOS Technologies PTE.LTD.
30 Toh Guan Road
#08-09 ODC Districentre
Singapore 608840Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance

- ☒ 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)

B. Patent No.(s)

Attorney Docket No.: UMI-503

Additional numbers attached? ☐ Yes ☒ No

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

Name: William J. Kubida
 Internal Address: Hogan & Hartson LLP
One Tabor Center
1200 17th Street, Suite 1500
 Street Address: same as above
 City: Denver State: CO Zip: 80202
 Phone Number: 719-448-5909
 Fax Number: 719-448-5922
 Email Address: PatentColorado@hhlaw.com

6. Total number of applications and patents involved: 1


7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

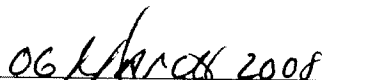
- ☐ Authorized to be charged by credit card
☐ Authorized to be charged to deposit account
☒ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

- a. Credit Card Last 4 Numbers _____
 Expiration Date _____
 b. Deposit account number 50-1123
 Authorized User Name _____

9. Signature


 Signature


 Date
William J. Kubida

Name of Person signing

Total number of pages including cover sheet, attachments and document: 4

ASSIGNMENT

WHEREAS, we, Michael C. Parris, having a residence address of 1504 N. Nevada Ave., Colorado Springs, CO 80907, and Douglas Blaine Butler, having a residence address of 935 Point of the Pines Dr., Colorado Springs, CO 80919, have made a certain new and useful invention relating to a TWIN CELL ARCHITECTURE FOR INTEGRATED CIRCUIT DYNAMIC RANDOM ACCESS MEMORY (DRAM) DEVICES AND THOSE DEVICES INCORPORATING EMBEDDED DRAM, for which we are making or we have made application for Letters Patent of the United States, said application being identified by Docket No. UMI-503 and Client/Matter No. 80450.0135, in the law firm of HOGAN & HARTSON LLP, One Tabor Center, 1200 17th Street, Suite 1500, Denver, Colorado 80202, and which was executed on 3/03/08, assigned serial no. 12/044,664 and

WHEREAS, we now own the entire right, title and interest therein; and

WHEREAS, ProMOS Technologies PTE.LTD., 30 Toh Guan Road, #08-09 ODC Districentre, Singapore 608840, is desirous of acquiring the entire interest in and to said invention, said application, and the Letters Patent to be obtained therefor;

NOW THEREFORE, upon consideration of our employment and other good and valuable consideration, the adequacy of which is hereby acknowledged, we do hereby sell and assign unto ASSIGNEES, and ASSIGNEES' legal representatives, successors, and assigns, the entire right, title, and interest in and to said invention, said application, and the Letters Patent, both of the United States and of other countries, that may or shall issue thereon; and we do hereby authorize and request

the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEES, consistent with the terms of this Assignment.

UPON SAID CONSIDERATION, we do hereby covenant and agree with ASSIGNEES that we will not execute any writing or do any act whatsoever conflicting with this assignment, and that we will, at any time upon request, without further or additional consideration, but at the expense of ASSIGNEES, execute such additional assignments and other writings and do such additional acts as ASSIGNEES may deem necessary or desirable to perfect the ASSIGNEEs' enjoyment of this grant, and render all necessary assistance in applying for and obtaining original, continuation, continuation-in-part, divisional, reexamined, renewal, reissued or extended Letters Patent of the United States, or of other countries, or inventor's certificates, on said invention, and in enforcing any rights or causes in action accruing as a result of such applications, certificates, or patents, by giving testimony in any proceedings or transactions involving such applications, certificates, or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of both parties.

The undersigned inventors hereby grant the patent practitioners associated with Customer No. 25235 the power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, we have hereunto set our hands and affixed our seals on the date hereinafter set forth.

Date: 3/3/08

Michael C. Parris
Michael C. Parris

STATE OF COLORADO)

) ss.

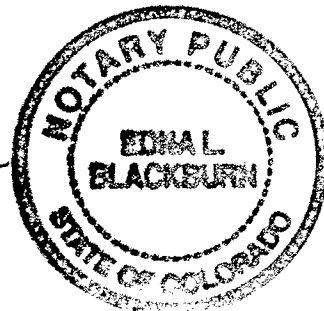
COUNTY OF EL PASO)

On this 3rd day of March, 2008, before me, a notary public in and for said county, appeared Michael C. Parris, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he signed, sealed, and delivered the same instrument as a free and voluntary act for the uses and purposes therein set forth.

My commission expires May 17, 2009.
Witness my hand and official seal.

(SEAL)

Edna L. Blackburn
Notary Public



Date: March 3, 2008

Douglas Blaine Butler
Douglas Blaine Butler

STATE OF COLORADO)

) ss.

COUNTY OF EL PASO)

On this 3rd day of March, 2008, before me, a notary public in and for said county, appeared Douglas Blaine Butler, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he signed, sealed, and delivered the same instrument as a free and voluntary act for the uses and purposes therein set forth.

My commission expires May 17, 2009.
Witness my hand and official seal.

(SEAL)

Edna L. Blackburn
Notary Public

