

03-07-2005

FORM PTO-1595

(Rev. 06/04)

OMB No. 0651-0027 (exp. 6/30/2005)



HEET

U.S. Department of Commerce  
U.S. Patent and Trademark Office

102954379

To the Director of the U.S. Pat.

Please record the attached documents or the new address(es) below.

02/23/05

1. Name of conveying party(ies)/Execution Date(s):

Douglas Blaine Butler - Execution Date: 02/18/05  
Oscar Frederick Jones, Jr. - Execution Date: 02/18/05  
Michael C. Parris - Execution Date: 02/18/05  
Kim C. Hardee - Execution Date: 02/18/05

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

Name and address of receiving party(ies)

Name: United Memories, Inc.  
Street address: 4815 List Drive, Suite 109  
Colorado Springs, CO 80919

AND  
Name: Sony Corporation  
Street Address: 6-7-35 Kita-shinagawa  
Shinagawa-ku  
Tokyo, Japan 141-0001

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

113268 U.S.PTO  
11/064354  
022305

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other \_\_\_\_\_

4. Application or patent number(s):

A. Patent Application No.(s)  
Attorney Docket No.: UMI-363

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: 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

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 \_\_\_\_\_

02/28/2005 MBIZUNES 00000019 11064354  
06 FC:8021 40.00 OP

9. Signature : [Handwritten Signature]  
Signature

23 February 2005  
Date

**William J. Kubida**  
Name of Person signing

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

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

WHEREAS, we, Douglas Blaine Butler, having a residence address of 935 Point of the Pines Drive, Colorado Springs, CO 80919, Oscar Frederick Jones, Jr., having a residence address of 7235 Suntide Place, Colorado Springs, CO 80919, Michael C. Parris, having a residence address of 5715 Daltry Lane, Colorado Springs, CO 80906, and Kim C. Hardee, having a residence address of 1334 Lindenrose Grove, Colorado Springs, CO 80907 , have made a certain new and useful invention relating to a STATIC RANDOM ACCESS MEMORY (SRAM) COMPATIBLE, HIGH AVAILABILITY MEMORY ARRAY AND METHOD EMPLOYING SYNCHRONOUS DYNAMIC RANDOM ACCESS MEMORY (DRAM) IN CONJUNCTION WITH A DATA CACHE AND SEPARATE READ AND WRITE REGISTERS AND TAG BLOCKS, 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-363 and Client/Matter No. 80450.0094, in the law firm of HOGAN & HARTSON LLP, One Tabor Center, 1200 17th Street, Suite 1500, Denver, Colorado 80202, and which is executed concurrently herewith, and

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

WHEREAS, United Memories, Inc., a Colorado corporation, whose post office address is 4815 List Drive, Suite 109, Colorado Springs, CO 80919, and Sony Corporation whose post office address is 6-7-35 Kita-shinagawa, Shinagawa-ku,

Tokyo, Japan 141-0001, hereinafter collectively known as ASSIGNEES, are 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.

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

Date: 2/18/05

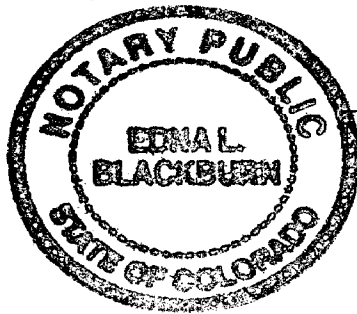
Douglas B. Butler  
Douglas Blaine Butler

STATE OF COLORADO                     )  
   )  
   )        ss.  
COUNTY OF EL PASO                     )

On this 18th day of February, 2005, 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.

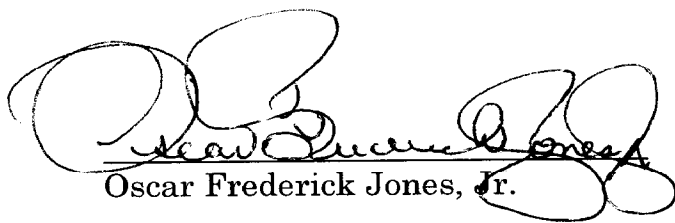
My commission expires May 17, 2005.  
Witness my hand and official seal.

(SEAL)



Edna L. Blackburn  
Notary Public

Date: 2/18/05

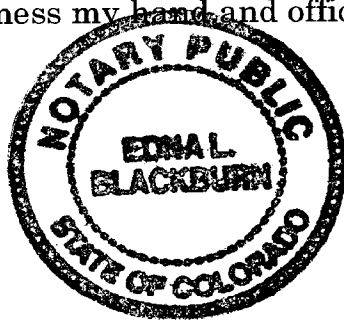
  
Oscar Frederick Jones, Jr.


STATE OF COLORADO )  
 )  
 ) ss.  
COUNTY OF EL PASO )

On this 18th day of February, 2005, before me, a notary public in and for said county, appeared Oscar Frederick Jones, Jr., 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, 2005.  
Witness my hand and official seal.

(SEAL)



  
Notary Public

Date: 2/18/05

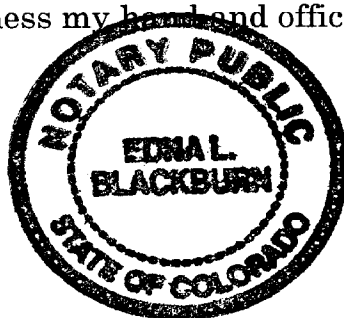
  
Michael C. Parris

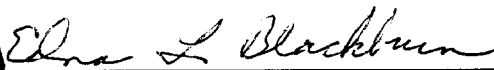
STATE OF COLORADO )  
 )  
 ) ss.  
COUNTY OF EL PASO )

On this 18th day of February, 2005, 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, 2005.  
Witness my hand and official seal.

(SEAL)



  
Notary Public

Date: 2/18/05

Kim C. Hardee  
Kim C. Hardee

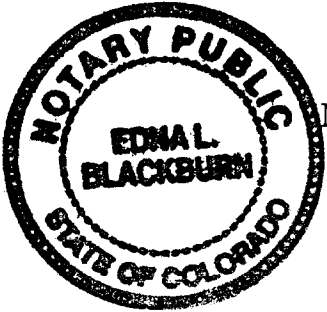
STATE OF COLORADO )  
                                  )  
COUNTY OF EL PASO )

ss.

On this 18th day of February, 2005, before me, a notary public in and for said county, appeared Kim C. Hardee, 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, 2005.  
Witness my hand and official seal.

(SEAL)



Edna L. Blackburn  
Notary Public