

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Sony Corporation	02/26/2010
RECEIVING PARTY DATA	
Name:	United Memories, Inc.
Street Address:	4815 List Drive, Suite 109
City:	Colorado Springs
State/Country:	COLORADO
Postal Code:	80919
PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	6912168
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:	Hogan & Hartson LLP
Address Line 1:	One Tabor Center
Address Line 2:	1200 17th Street, Suite 1500
Address Line 4:	Denver, COLORADO 80202
ATTORNEY DOCKET NUMBER:	UMI-339
NAME OF SUBMITTER:	Scott J. Hawranek
Total Attachments: 12 source=DOC097#page1.tif source=DOC097#page2.tif source=DOC097#page3.tif source=DOC097#page4.tif	

CH \$40.00 6912168

501140137

**PATENT
 REEL: 024185 FRAME: 0553**

source=DOC097#page5.tif
source=DOC097#page6.tif
source=DOC097#page7.tif
source=DOC097#page8.tif
source=DOC097#page9.tif
source=DOC097#page10.tif
source=DOC097#page11.tif
source=DOC097#page12.tif

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):
Sony Corporation - execution date: 02/26/2010
Additional name(s) of conveying party(ies) attached? Yes No

Name and address of receiving party
United Memories, Inc.
4815 List Drive, Suite 109
Colorado Springs, CO 80919
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):
Execution Date(s) February 26, 2010
 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.
If this document is being filed together with a new application, the execution date of the application is:
A. Patent Application No.(s) _____
Attorney Docket No.: UMI-339
Additional numbers attached? Yes No
B. Patent No.(s) 6,912,168

5. Name and Address of party 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 to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Deposit Account Number:
50-1123
Authorized User Name:

9. Signature: 
Signature

2/2/2010
Date

Scott J. Hawranek
Name of Person signing

Total number of pages including cover sheet, attachments, and documents: 12



UNITED STATES
PATENT AND
TRADEMARK OFFICE

RECEIVED

AUG 25 2003

uml-339

HOGAN & HARTSON, LLP

AUGUST 21, 2003

PTAS

Under Secretary of Commerce For Intellectual Property and
Director of the United States Patent and Trademark Office
Washington, DC 20231
www.uspto.gov

HOGAN & HARTSON LLP
WILLIAM J. KUBIDA
ONE TABOR CENTER
1200 17TH STREET, SUITE 1500
DENVER, CO 80202



102404086A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/18/2003

REEL/FRAME: 013889/0330
NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

PARRIS, MICHAEL C.

DOC DATE: 03/13/2003

ASSIGNOR:

BUTLER, DOUGLAS BLAINE

DOC DATE: 03/13/2003

ASSIGNOR:

HARDEE, KIM C.

DOC DATE: 03/13/2003

ASSIGNOR:

JONES, OSCAR FREDERICK JR.

DOC DATE: 03/14/2003

ASSIGNEE:

UNITED MEMORIES, INC.
4815 LIST DRIVE, SUITE 109
COLORADO SPRINGS, COLORADO 80919

ASSIGNEE:

SONY CORPORATION
6-7-35 KITA-SHINAGAWA SHINAGAWA-KU
TOKYO, JAPAN 141-0001

PATENT
REEL: 024185 FRAME: 0556

013889/0330 PAGE 2

*SERIAL NUMBER: 10391315
PATENT NUMBER:

FILING DATE: 03/18/2003
ISSUE DATE:

LAZENA MARTIN, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

03-31-2003



102404086

FORM PTO-1595
(Rev. 10/02)

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

SHEET

U.S. Department of Commerce
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

J1033 U.S. PTO
10/391315

1. Name of conveying party(ies):

Michael C. Parris
Douglas Blaine Butler
Kim C. Hardee
Oscar Frederick Jones, Jr.

3-18-03

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) of conveying party(ies) attached? Yes No

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

3. Nature of conveyance:

- Assignment
- Security Agreement
- Other
- Merger
- Change of Name

Execution Date: 03/13/03 and 03/14/03

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: 03/13/03

A. Patent Application No.(s)

10391315

B. Patent No.(s)

Attorney Docket No.: UMI-339

Additional numbers attached? Yes No

5. Name and Address of party 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 3.41)..... \$ 40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

50-1123

(Attach duplicate copy of this page if paying by deposit account)

03/28/2003 UNELLER 00000175 10391315

FC:8021

40.00

DO NOT USE THIS SPACE

9. Statement and signature.

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.

Peter J. Meza
Name of Person signing

Peter J. Meza
Signature

3/17/03
Date

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

A S S I G N M E N T

WHEREAS, we, Michael C. Parris, having a residence address of 5715 Daltry Lane, Colorado Springs, CO 80906, Douglas Blaine Butler, having a residence address of 935 Point of the Pines Drive, Colorado Springs, CO 80919, Kim C. Hardee, having a residence address of 2132 Denton Grove, apt. 201, Colorado Springs, CO 80919 and Oscar Frederick Jones, Jr., having a residence address of 7235 Suntide Place, Colorado Springs, CO 80919, have made a certain new and useful invention relating to a NON-CONTIGUOUS MASKED REFRESH FOR AN INTEGRATED CIRCUIT MEMORY, 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-339 and Client/Matter No. 80450.0069, 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 ASSIGNEE's 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 ASSIGNEE's 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

CONFIRMATORY ASSIGNMENT OF PATENTS

This Assignment of Patents ("*Assignment*") is made and entered into on this 26th day of February 2010, by and between:

SONY Corporation, a Japan Corporation, with a principal place of business at 1-7-1 Konan, Minato-ku, Tokyo Japan 108-0075 ("*ASSIGNOR*"); and United Memories Inc., a Colorado Corporation, with a principal place of business at 4815 List Drive, Suite 109, Colorado Springs, Colorado 80919 ("*ASSIGNEE*").

WHEREAS, ASSIGNOR has agreed to assign and transfer to ASSIGNEE all right, title and interest in and to the Assignor's Rights (as defined below).

NOW, THEREFORE, in consideration of the sum of one dollar (US\$1.00), the agreements related to this Assignment, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR, intending to be legally bound, and upon the terms set forth herein, agrees as follows:

ASSIGNOR does hereby irrevocably assign, sell, transfer and set over to ASSIGNEE its entire right, title and interest in, to and under the patents and patent applications set forth on Attachment A attached hereto, including all rights pursuant to 35 U.S.C. § 154 any and all letters patents issuing from any continuing, and divisional applications; any requests for continuing examination, substitutions, reissues, extensions, renewals and reexaminations of any of the foregoing; all inventions and discoveries described in any of the foregoing; and all rights to apply in any country for any foreign counterpart, certification of invention or other governmental grant or issuance corresponding to any of the foregoing throughout the world (collectively, "*Assignor's Rights*"), including any and all past, present and future causes of action and other enforcement actions (including, without limitation, for injunctive remedies and relief) and rights to damages and profits, due or accrued, relating to any of the foregoing, including the right to sue and recover for, and the right to profits and damages, due or accrued, arising out of or in connection with, any and all past, present or future infringements or dilutions.

The terms and conditions of this Assignment will inure to the benefit of ASSIGNEE, its successors, assigns and other legal representatives and will be binding upon ASSIGNOR, its successors, assigns and other legal representatives.

IN WITNESS WHEREOF, ASSIGNOR has caused this Assignment of Patents to be executed by its duly authorized representative on the date set forth below.

Assignor:
SONY Corporation
A Japan Corporation


By: 
Name: Fumihiko Moriya

Title: VP, Senior General Manager
Intellectual Property Division

Date: Feb. 26, 2010

Address
1-7-1 Konan Minato-Ku
Tokyo Japan 108-0078

Accepted by Assignee:
United Memories Corporation
A Colorado Corporation

By: 
Name: Robert L. Gower

Title: President and CEO

Date: Jan. 28, 2010

Address
4815 List Drive, Suite 109
Colorado Springs CO 80919

ATTACHMENT A

<u>Jurisdiction</u>	<u>Title</u>	<u>Appl. Number</u>	<u>Filing Date</u>	<u>Issue No.</u>	<u>Issue Date</u>
US	Two Phase Charge Sharing Data ...			6,434,069	8/13/02
JP	Two Phase Charge Sharing Data ...			3,488,433	10/31/03
US	Reduced Skew Write Circuit			6,278,653	8/21/01
JP	Reduced Skew Write Circuit			3,492,321	11/15/03
US	Delayed Start Oscillator			6,317,007	11/13/01
JP	Sync. Re-align Tech For Time ...			3,493,176	11/14/03
US	Local Write Driver Ckt. For DRAM			6,414,897	7/02/02
JP	Local Write Driver Ckt. For DRAM			3,939,493	3/13/07
JP	Local Write Driver Ckt. For DRAM	260,686/06	9/26/06		
US	Method For Constant Testing ...			6,732,305	5/04/04
US	Look Ahead Refresh			6,625,078	9/22/03
JP	Look Ahead Refresh	247,223/07	8/27/02		
JP	Look Ahead Refresh (DIV)	009,511/08	2/15/08		
US	Method for Non-VCC/2 BL Prechg			6,570,799	5/27/03
JP	Method for Non-VCC/2 BL Prechg	240,327/06	09/05/06		
US	Auto Delay for Early R/W SDRAM			6,608,797	8/19/03
JP	Auto Delay for Early R/W SDRAM			3,952,393	5/11/07
US	Data Path Decoding for an EDRAM			6,625,066	9/22/03
JP	Data Path Decoding for an EDRAM			4,246,454	1/16/09
US	Data Path Decoding for an EDRAM			6,625,069	9/22/03
US	Simultaneous Function DRAM			6,643,212	11/04/03
JP	Simultaneous Function DRAM			3,949,543	4/27/07
US	Look Ahead Refresh DRAM			6,667,927	12/23/03
JP	Look Ahead Refresh DRAM			3,979,950	7/06/07
US	Asynchronous Input Data Path			6,744,690	6/01/04
US	Reduced Output Delay Buffer			7,161,214	1/09/07
JP	Reduced Output Delay Buffer			4,124,699	5/16/08
US	Non-Contiguous Masked Refresh			6,912,168	6/28/05
US	Bitline Reference Voltage Circuit			6,788,590	9/07/04
US	Bandgap Reference Circuit			6,815,941	11/09/04
JP	Bandgap Reference Circuit			3,759,513	1/13/06
US	Dual WL Mode for DRAMs			7,002,874	2/21/06
US	Synchronous SRAM Compatible	11/062,974	2/22/05		
JP	Synchronous SRAM Compatible			4,304,176	5/01/09
US	SRAM Compatible High Avail...			7,506,100	3/17/09
US	SRAM Compatible High Avail ...	12/254,702	10/20/08		
JP	SRAM Compatible High Avail ...			4,304,172	4/07/09
US	Dynamic Exclusive OR Gate			7,298,171	11/20/07
US	Switched Capacitor Charge Sharing			7,609,570	10/27/09
JP	Switched Capacitor Charge Sharing	212,229/07	9/15/07		
US	Optimized Charge Sharing			7,606,093	10/20/09
JP	Optimized Charge Sharing	248,988/07	11/21/07		
US	Multiple Data Bus Charge Sharing			7,580,304	8/25/09
JP	Multiple Data Bus Charge Sharing	212,249/07	8/3/07		

US	Data Inversion Testing Memories			7,631,233	12/08/09
JP	Data Inversion Testing Memories	315,170/07	12/05/07		
US	Error Correction Code Circuit Test	11/840,203	8/16/07		
JP	Error Correction Code Circuit Test	267,178/07	10/12/07		
US	Check Bits in H Matrix Error Det	11/855,070	9/13/07		
JP	Check Bits in H Matrix Error Det	269,577/07	10/16/07		
US	DRAM Early Write with Masking	11/855,804	9/14/07		
JP	DRAM Early Write with Masking	274,362/07	10/22/07		
US	Short Circuit Charge Sharing	11/855,091	9/13/07		
JP	Short Circuit Charge Sharing	269,576/07	10/16/07		

7-11