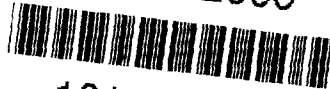


09-19-2000

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Conveyance Type

- ☒ Assignment ☐ Security Agreement
- ☐ License ☐ Change of Name
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☐ Departmental File ☐ Secret File

Conveying Party(ies)

☐ Mark if additional names of conveying parties attachedName (line 1) **Hardee, Kim Carver**Execution Date
Month Day Year

Name (line 2)

August 29, 2000

Second Party

Name (line 1) **Parris, Michael**Execution Date
Month Day Year

Name (line 2)

August 29, 2000

Receiving Party

09/651939

☒ Mark if additional names of receiving parties attachedName (line 1) **United Memories, Inc.**Name (line 2) **a corporation**

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached.
(Designation must be a separate document from Assignment)

Address (line 1) **4815 List Drive, Suite 109**

Address (line 2)

Address (line 3) **Colorado Springs****Colorado****80919**

City

State/Country

Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

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PATENT
REEL: 011069 FRAME: 0597

Correspondent Name and Address	Area Code and Telephone Number	(719) 448-5909
Name (line 1)	William J. Kubida, Esq.	
Address (line 1)	Hogan & Hartson LLP	
Address (line 2)	1200 17 th Street, Suite 1500	
Address (line 3)	Denver, CO 80202	
Address (line 4)		

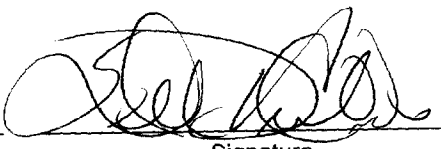
Pages	Enter the total number of pages of the attached conveyance document including any attachments	#	6
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Application Number(s) or Patent Number(s)			<input type="checkbox"/>	Mark if additional numbers attached		
Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).						
Patent Application Number(s)				Patent Number(s)		
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<input type="text"/>	<input type="text"/>	<input type="text"/>		<input type="text"/>	<input type="text"/>	<input type="text"/>
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If this document is being filed together with a <u>new</u> Patent Application, enter the date the patent application was signed by the first named executing inventor.						Month Day Year
						<input type="text"/>

Patent Cooperation Treaty (PCT)						
Enter PCT application number only if a U.S. Application Number has not been assigned	PCT	<input type="text"/>	PCT	<input type="text"/>	PCT	<input type="text"/>
	PCT	<input type="text"/>	PCT	<input type="text"/>	PCT	<input type="text"/>

Number of Properties	Enter the total number of properties involved	#	<input type="text"/>
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Fee Amount	Fee Amount for Properties Listed (37 CFR 3.41):	\$	40.00
Method of payment:	Enclosed <input checked="" type="checkbox"/>	Deposit Account	<input type="checkbox"/>
Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the account.)			
Deposit Account Number:		#	50-1123
Authorization to charge additional fees:		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Statement and Signature		
<i>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. Charges to deposit account are authorized, as indicated herein.</i>		
William J. Kubida, 29,664		30 Aug 2000
Name of Person Signing	Signature	Date

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Conveying Party(ies)

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Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Receiving Party (ies)

☐

Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

JAPAN

141-0001

City

State/Country

Zip Code

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PATENT
EXPRESS MAIL NO. EL700672147US
Attorney Docket No. UMI-313
Client/Matter No. 80450.0042

ASSIGNMENT

WHEREAS, we, Kim Carver Hardee, having a residence address of 9760 Kit Carson Lane, Colorado Springs, CO 80920 and Michael Parris, having a residence address of 5715 Daltry Lane, Colorado Springs, CO 80906, have made a certain new and useful invention relating to a LOCAL WRITE DRIVER CIRCUIT FOR AN INTEGRATED CIRCUIT DEVICE INCORPORATING EMBEDDED DYNAMIC RANDOM ACCESS MEMORY (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-313 and Client/Matter No. 80450.0042, 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: 8/29/00


Kim Carver Hardee

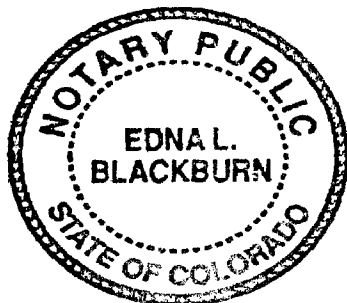
STATE OF COLORADO)
)
COUNTY OF EL PASO) ss.

On this 29th day of August, 2000, before me, a notary public in and for said county, appeared Kim Carver 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, 2001.

Witness my hand and official seal.

(SEAL)



Edna L. Blackburn
Notary Public

Date: 8/29/00

Michael Parris
Michael Parris

STATE OF COLORADO)
COUNTY OF EL PASO)

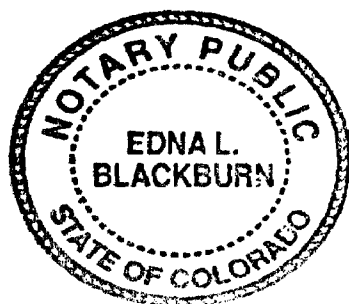
ss.

On this 29th day of August, 2000, before me, a notary public in and for said county, appeared Michael 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, 2001.

Witness my hand and official seal.

(SEAL)



Edna L. Blackburn
Notary Public