

04-29-1999

FORM PTO-1594
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U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

Atty Docket #: **SC91127A**

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

1. Name of conveying party(ies):
 Yasuhito Shiho
 Carole Craig Barron

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

2. Name and address of receiving party(ies):
 Name: Motorola, Inc.
 Internal Address: _____
 Street Address: 1303 East Algonquin Road
 City: Schaumburg State: IL ZIP: 60196

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

JP612 U.S. PTO
09/289915



04/12/99

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: **March 25, 1999**

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: **March 25, 1999**

A. Patent Application No.(s):
 Attorney Docket Number: **SC91127A**

B. Patent No.(s):

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
 Name: Motorola, Inc.
 Internal Address: Austin Intellectual Property Law Section
 Street Address: 505 Barton Springs Road Suite 500, MD: TX07/F4
 City: Austin State: TX ZIP: 78704

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: 13-4773

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.

Keith E. Witek 37,475 Keith E Witek 4/6/99
 Name of Person Signing Reg. No. Signature Date

Total number of pages including cover sheet, attachments, and document: **3**

58/e 1/14 5/16/88 2/60

04/28/1999 DNGUYEN 00000211 134773 09289915
01 FC:581 40.00 CH

PATENT
REEL: 9908 FRAME: 0615

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **Yasuhito Shiho** of **Austin, Texas** and **Carole Craig Barron** of **Cedar Park, Texas**, have sold, assigned and transferred, and do hereby sell, assign and transfer unto **MOTOROLA, INC.**, a corporation of the State of Delaware, having its principal office in **Schaumburg, State of Illinois**, United States of America, and its successors, assigns, and legal representatives, our entire right, title and interest in the United States of America in and to certain inventions relating to improvements in **AN EMBEDDED DRAM STRUCTURE AND METHOD OF FORMATION** (Attorney Docket No. **SC91127A**), described, illustrated and claimed in an application for Letters Patent of the United States of America executed by us of even date herewith, together with our entire right, title and interest in and to said application, and in and to Letters Patent which may be issued upon said application, and upon any division, extension, continuation, reissue, or reexamination thereof.

We hereby also sell, assign and transfer unto **MOTOROLA, INC.**, our entire right, title and interest in and to said invention and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of said inventions and said applications for Letters Patent in foreign countries, and we further authorize **MOTOROLA, INC.** to apply for Letters Patent in foreign countries directly in its own name, and to claim the priority of the filing date of said application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

We hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation or reissue, to **MOTOROLA, INC.**, for the sole use and behoof of **MOTOROLA, INC.**, its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted, the same as they would have been held and enjoyed by us had this assignment not been made, and we hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to **MOTOROLA, INC.**

We agree that, when requested, we will, without charge to **MOTOROLA, INC.**, but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in **MOTOROLA, INC.**, its successors, assigns and legal representatives or nominees.

Address correspondence concerning this document to: Motorola, Inc., Austin Intellectual Property Law Section, 505 Barton Springs Road, Suite 500, MD: TX07/F4, Austin, Texas 78704.

We covenant with MOTOROLA, INC., its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

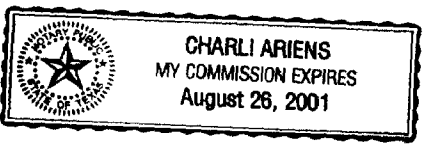
Yasuhito Shiho

Yasuhito Shiho

STATE OF TEXAS)
 :
COUNTY OF TRAVIS)

I, CHARLI ARIENS, a Notary Public in and for the County and State aforesaid, do hereby certify that **Yasuhito Shiho**, whose name(s) are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he/she signed, sealed and delivered the said instrument as his/her free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 31 day of MARCH, 1999.



Charli Ariens

My commission expires on 8/26/2001

SEAL

Address correspondence concerning this document to: Motorola, Inc., Austin Intellectual Property Law Section, 505 Barton Springs Road, Suite 500, MD: TX07/F4, Austin, Texas 78704.

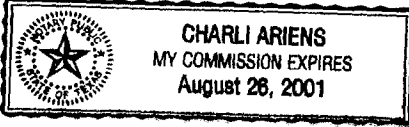
We covenant with MOTOROLA, INC., its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

Carole Craig Barron
Carole Craig Barron

STATE OF TEXAS)
 :
COUNTY OF TRAVIS)

I, Charli Ariens, a Notary Public in and for the County and State aforesaid, do hereby certify that **Carole Craig Barron**, whose name(s) are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he/she signed, sealed and delivered the said instrument as his/her free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 31 day of MARCH, 1999.



Charli Ariens
My commission expires on 8/26/2001

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