

12-10-2001

FORM PTO-1595

U.S. Department of Commerce
Patent and Trademark Office

TI-30339

101910875

To the Ass't Commissioner for Patents. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

1) Donald E. Steiss (12/19/00)

12/03/01

2. Name and Address of receiving party(ies):

Name: TEXAS INSTRUMENTS INCORPORATED

Address: P.O. Box 655474, MS 3999

City: Dallas

State: TX Zip: 75265

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

 JC781 U.S. PTO
 09/998783
 12/03/01

3. Nature of Conveyance:

___ X ___ Assignment

___ Merger

___ Security Agreement

___ Change of Name

___ Other

Execution Date: December 19, 2000

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

___ X ___ This document is being filed together with a new application.

Execution date of the application: December 19, 2000

Title: Power-Off State Storage Apparatus and Method

Docket No: TI-30339

09/998783

A. Patent Application No.(s)

S.N.

B. Patent No.(s)

X.XXX.XXX

Additional numbers attached? ___ Yes ___ X ___ No

Additional numbers attached? ___ Yes ___ X ___ No

5. Name and address of party to whom correspondence concerning document should be mailed:

 Name: Robert D. Marshall, Jr.
 Texas Instruments Incorporated
 Address: P.O. Box 655474, MS 3999
 City: Dallas
 State: TX Zip: 75265

6. Number of applications and patents involved: ___ (1) ___

7. Amount of fee enclosed or authorized to be charged: \$40

8. Deposit Account No: 20-0668 (No duplicate copy is needed).

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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.

November 29, 2001

Date

Robert D. Marshall, Jr., #28,527

Total Number of Pages Including Cover Sheet, Attachments and Document: ___ 2 ___

 PATENT
 REEL: 012345 FRAME: 0772

ASSIGNMENT

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, the said application having been executed on the date set forth below; and


WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, having a place of business at 7839 Churchill Way, MS 3999, Dallas, Texas 75251, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to the said TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my entire right, title and interest in and to the said invention and in and to the said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations and extensions thereof; and I hereby authorize and request the Commissioner of Patents to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to the said TEXAS INSTRUMENTS INCORPORATED, as assignee of my entire right, title and interest.

I also hereby sell and assign to TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my foreign rights to the invention disclosed in said application, in all countries of the world, including the right to file applications and obtain patents under the terms of the International Convention for the Protection of Industrial Property, and of the European Patent Convention, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

I hereby further agree that I will communicate to said TEXAS INSTRUMENTS INCORPORATED, or to its successors, assigns, and legal representatives, any facts known to me respecting said invention, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, and generally do everything possible to aid said TEXAS INSTRUMENTS INCORPORATED, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

IN WITNESS WHEREOF, I hereunto set hand and seal this day and year:

| | | | |
|----------------------------------|---|--|--|
| Title of Invention | CMOS Dynamic Memory Circuit for Power-Off State Storage | | |
| Signature of Inventor and Name |  Donald E. Steiss | | |
| Date | 12/19/00 | | |
| Residence (City, State & County) | Richardson (Dallas Co.) Texas 75243 75080 D.S. | | |
| Date Application Executed | 12/19/00 | | |

After recording, return Assignment to:
Robert D. Marshall, Esq.
Texas Instruments Incorporated
P. O. Box 655474, M/S 3999
Dallas, Texas 75265