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OMB No. 0651-0027 (exp. 5/31/2002)

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Tab settings

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

US 09/24/02 10/24/02 09/17/02

1. Name of conveying party(ies):
A. James T. SCHMIDT
B. Joe F. SEXTON
C. Peter N. EHLIG
9-17-02
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: Texas Instruments Incorporated
Internal Address: MS 3999
Street Address: P.O. Box 655474
City: Dallas State: Texas Zip: 75265
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
A. 09/11/02
B. 08/28/02
C. 08/28/02
Execution Date:

4. Application number(s) or patent number(s): 10245163
If this document is being filed together with a new application, the execution date of the application is: 08/28/02
A. Patent Application No.(s)
B. Patent No.(s)
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Robert D. Marshall, Jr.
Internal Address: Texas Instruments Incorporated
Street Address: P.O. Box 655474, MS 3999
City: Dallas State: Texas Zip: 75265

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:
20-0668
(Attach duplicate copy of this page if paying by deposit account)

09/24/2002 6TON11 00000111 200668 10245163
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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.
Jonathan M. Harris, Reg. No. 44,144
Name of Person Signing Signature Date
September 17, 2002

Total number of pages including cover sheet, attachments, and documents: 2

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

PATENT
REEL: 013310 FRAME: 0927

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

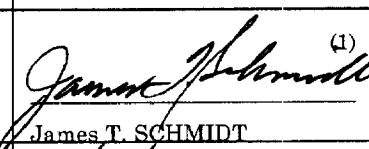
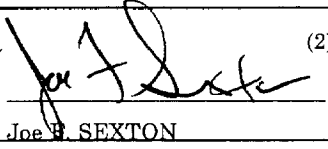
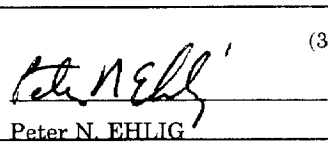
WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with its principal office at P.O. Box 655474, MS 3999, Dallas, Texas 75265, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said 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 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 Ass't Commissioner for Patents to issue all patents for said invention, or patent 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 my hand and seal this day and year;

TITLE OF INVENTION	A VOLATILE MEMORY CELL RECONFIGURED AS A NON-VOLATILE MEMORY CELL		
SIGNATURE OF INVENTOR AND NAME	 (1) James T. SCHMIDT	 (2) Joe B. SEXTON	 (3) Peter N. EHLIG
DATE	9/11/02	8/28/02	8-28-02
RESIDENCE (City, County, State)	926 Briar Ridge Houston, Harris Texas 77057	3778 Sunset Houston, Harris Texas 77005	3011 Barnhill Lane Sugar Land, Fort Bend Texas 77479
DATE APPLICATION EXECUTED	9/11/02	8/28/02	8-28-02

After recordation, please return Assignment to:

Robert D. Marshall, Jr.
Texas Instruments Incorporated
P.O. Box 655474, MS 3999
Dallas, TX 75265