

3/19/02 P



To the Honorable Commissioner of Patents and T.

102039729

al documents or copy thereof.

1. Name of conveying party(ies):

Akitoshi Nishimura
Yukio Fukuda
Katsuhiro Aoki

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

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

Name: Texas Instruments Incorporated

Internal Address:

Street Address: P.O. Box 655474, M/S 3999

City: Dallas

State/Country: Texas ZIP: 75265

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

FILED U.S. PTO
10/102418

03/19/02

3. Nature of conveyance:

- Assignment [] Merger
- Security Agreement [] Change of Name
- Other _____

Execution Date: March 8, March 7 & March 7, 2002

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 8, March 7 &

A. Patent Application No.(s)

B. Patent No.(s)

March 7, 2002

10/102418

Additional Numbers attached? [] Yes [X] No

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

Name: Jacqueline J. Garner, Esq.

Internal Address:

Texas Instruments Incorporated

Street Address: P.O. Box 655474, M/S 3999

City: Dallas

State: Texas ZIP: 75251

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41)\$ 40.00

[] Enclosed

[X] Authorized to be charged to deposit account

8. Deposit account number:

20-0668

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

04/01/2002 AAHMED1 00000147 200668 10102418

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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.

Thomas G. Eschweiler

March 19, 2002

Name of Person Signing

Signature

Date

Reg. No. 36,981 Total number of pages including cover sheet attachments, and document: [6]

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 7839 Churchill Way, M.S. 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;

NEW, 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 commissioner of Patents and Trademarks 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.

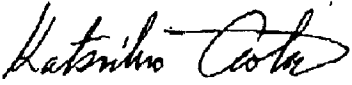
I hereby further agree that I will communicate to said TEXAS INSTRUMENTS INCORPORATED, or to its successors, assigns, and legal representatives, any facts known to me respecting said invention, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute 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 hand and seal this day and year;

TITLE OF INVENTION	DUMMY CELL STRUCTURE FOR 1T1C FeRAM CELL ARRAY	
SIGNATURE OF INVENTOR AND NAME	<i>Akitoshi Nishimura</i> Akitoshi Nishimura	Yukio Fukuda
DATE	<i>March 8, 2002</i>	
RESIDENCE (CITY AND STATE)	1139-1-709, Matsudo, Matsudo-shi, Chiba 271-0092, Japan	3224-24, Shinohara, Ryuo-cho, Nakakoma-gun, Yamanashi 400-0115, Japan
DATE APPLICATION EXECUTED	<i>March 8, 2002</i>	

TITLE OF INVENTION	DUMMY CELL STRUCTURE FOR 1T1C FeRAM CELL ARRAY	
SIGNATURE OF INVENTOR AND NAME	Akitoshi Nishimura	<i>Yukio Fukuda</i> Yukio Fukuda
DATE		<i>3 / 7 / 2002</i>
RESIDENCE (CITY AND STATE)	1139-1-709, Matsudo, Matsudo-shi, Chiba 271-0092, Japan	3224-24, Shinohara, Ryuo-cho, Nakakoma-gun, Yamanashi 400-0115, Japan
DATE APPLICATION EXECUTED		<i>3 / 7 / 2002</i>

TI-32834
Assignment

TITLE OF INVENTION	DUMMY CELL STRUCTURE FOR 1T1C FeRAM CELL ARRAY	
SIGNATURE OF INVENTOR AND NAME	Katsuhiko Aoki	
DATE		March. 7, 2002.
RESIDENCE (CITY AND STATE)	237-608, Nagazuka, Shikishima-cho, Nakakoma-gun Yamanashi 400-0125, Japan	
DATE APPLICATION EXECUTED		

After recording, return Assignment to: Jacqueline J. Garner, Esq.
Texas Instruments Incorporated
P.O. Box 655474, M/S 3999
Dallas, TX 75265