

01-28-1999

FORM PTO-1595

RECORDATION FORM COVER SHEET
PATENTS ONLY



100953291

To the Assistant Commissioner for Patents. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Katsuhira Aoki
Tomoyuki Sakoda
Yukio Fukuda

Additional name(s) attached? ___ Yes X No

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

Name: Texas Instruments Incorporated
Address: PO Box 655474, M/S 3999
City: Dallas
State: Texas Zip: 75265

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

JCS51 U.S. PTO
09/231023
01/14/99

3. Nature of Conveyance:

X Assignment _____ Merger
_____ Security Agreement _____ Change of Name
_____ Other _____

Execution Date: 03/11/98 & 03/16/98

09231023

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

X This document is being filed together with a new application

1-14-99

Execution date of the application: 03/11/98 & 03/16/98
Title: Method for Fabricating Reliable Multilayer Bottom Electrode for Ferroelectric Capacitors
Docket: TI-26559
Filing Date: 01/14/99

A. Patent Application No.(s)

B. Patent No.(s)

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: Carlton H. Hoel
Texas Instruments Incorporated
Address: PO Box 655474, M/S 3999
City: Dallas
State: Texas Zip: 75265

6. Number of applications and patents involved: 1

01/25/1999 BUTLER 00000035 200668 09231023
04 FC:581 40.00 CH

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

8. Deposit account number (Attach two copies of this form if paying by deposit account): 20-0668

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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.

Date

Carlton H. Hoel
Carlton H. Hoel, Registration No. 29,934

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Carlton H. Hoel, Registration No. 29,934

ASSIGNMENT

WHEREAS, we, 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

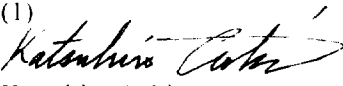
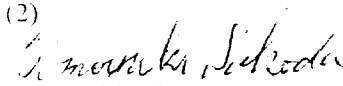
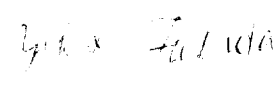
WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with its principal office at 7839 Churchill Way, Dallas, Texas 75251, is desirous of acquiring our entire right, title and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we hereby sell and assign to the said TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, our 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 we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patent resulting therefrom, insofar as our interest is concerned, to the said TEXAS INSTRUMENTS INCORPORATED, as assignee of our entire right, title and interest;

We also hereby sell and assign to TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, our 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.

We hereby further agree that we will communicate to said TEXAS INSTRUMENTS INCORPORATED, or to its successors, assigns, and legal representative, any facts known to our 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, we hereunto set hand and seal this day and year.

TITLE OF INVENTION	METHOD FOR FABRICATING RELIABLE MULTILAYER BOTTOM ELECTRODE FOR FERROELECTRIC CAPACITORS		
SIGNATURE OF INVENTOR(S)	(1)  Katsuhiro Aoki	(2)  Torioyuki Sakoda	(3)  Yukio Fukuda
DATE	<i>March 11, 1998</i>	<i>March 11, 1998</i>	<i>March 11, 1998</i>
RESIDENCE (City, County, State)	2-9-1-208 Kohoku, Tsuchiura-shi, Ibaraki 300, Japan	4-1-5-306 Azuma, Tsukuba, Ibaraki 305, Japan	778 Funaishikawa, Tokai-mura, Nakagun, Ibaraki, Japan
DATE APPLICATION EXECUTED	<i>July 10, 1997</i>	<i>July 10, 1997</i>	<i>July 10, 1997</i>

After recording return Assignment to: Jim Brady
 Texas Instruments Incorporated
 P.O. Box 655474, M/S 3999
 Dallas, TX 75262