

07-29-2002



FORM PTO-1595

U.S. Department of Commerce
Patent and Trademark Office

TI-34230

102171276

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

10/19/08
10/19/08
07/16/02

1. Name of conveying party(ies):
Freidoon Mehrad;
Zhihao Chen;
Shashank S. Ekbote;
Brian Trentman
07/16/02

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

3. Nature of Conveyance:
X Assignment ___ Merger
___ Security Agreement ___ Change of Name
___ Other _____
Execution Date: _____

4. Application number(s) or patent number(s).
X This document is being filed together with a new application.
Execution date of the application: _____
Title: **Shallow Trench Isolation Structure and Method**
Docket No: **TI-34230**
A. Patent Application No.(s)
S.N.
B. Patent No.(s)
X,XXX,XXX
Additional numbers attached? ___ Yes X No

10/19/08

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: **W. James Brady**
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** (Attach duplicate copy if paying by deposit account)

07/26/2002 DBYRNE 00000034 200668 10196089
01 FC:581 40.00 CH

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.
07/11/02
Date

Michael T. Konczal
Michael T. Konczal Reg. No. 45,475
Total Number of Pages Including Cover Sheet, Attachments and Document: 7

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

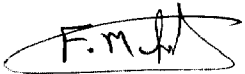

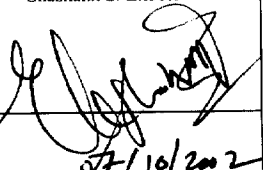
WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, having a place of business at 7839 Churchill Way, MS 3999, Dallas, Texas 75251, P.O. Box 655474, MS 3999, Dallas, Texas 75265, is desirous of acquiring my entire right, title and interest 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 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 my hand and seal this day and year;

TITLE OF INVENTION	Shallow Trench Isolation Structure and Method		
SIGNATURE OF INVENTOR AND NAME	Freidoon Mehrad 	Zhihao Chen 	Shashank S. Ekbote 
DATE	7/10/2002	7/10/2002	07/10/2002
RESIDENCE (City, State)	Plano, Texas	Plano, Texas	Richardson, Texas
DATE APPLICATION EXECUTED	7/10/2002	7/10/2002	07/10/2002

After recordation, please return Assignment to:

W. James Brady
Texas Instruments Incorporated
P.O. Box 655474, M/S 3999
Dallas, TX 75265

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

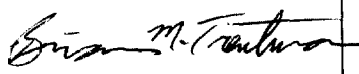
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NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to the said TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my entire right, title and interest in and to the said 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 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.

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

TITLE OF INVENTION	Shallow Trench Isolation Structure and Method		
SIGNATURE OF INVENTOR AND NAME	Brian Trentman 		
DATE	7/10/02		
RESIDENCE (City, State)	Sherman, Texas		
DATE APPLICATION EXECUTED	7/10/02		

After recordation, please return Assignment to:

W. James Brady
Texas Instruments Incorporated
P.O. Box 655474, M/S 3999
Dallas, TX 75265

State of Texas §
 §
County of Dallas §

This assignment was acknowledged before me on the 10th day of July, 2002 by Freidoon Mehrad.

Given under my hand and official seal.

Michael T. Kozgal

Notary Public in and for



the State of Texas

My Commission Expires _____

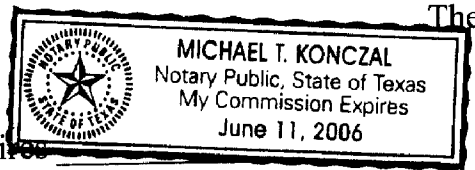
State of Texas §
 §
County of Dallas §

This assignment was acknowledged before me on the 10th day of July,
2002 by Zhihao Chen.

Given under my hand and official seal.

Michael T. Konczal

Notary Public in and for
The State of Texas



My Commission Expires

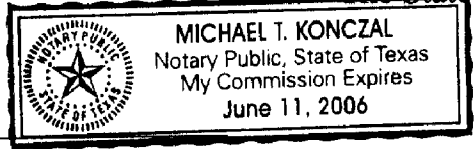
State of Texas §
 §
County of Dallas §

This assignment was acknowledged before me on the 10th day of July, 2002 by Shashank S. Ekbote.

Given under my hand and official seal.

Michael T. Konczal

Notary Public in and for
The State of Texas



My Commission Expires _____

State of Texas §
 §
County of Dallas §

This assignment was acknowledged before me on the 10th day of July, 2002 by Brian Trentman.

Given under my hand and official seal.

Michael T. Konczal

Notary Public in and for
The State of Texas

My Commission Expires

