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FORM PTO-1595 (REV 6-93)

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OMB No. 0651-011 (exp.4/94)

10-23-03



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

1. Name of conveying party(ies):
Yuanning Chen
Antonio L. P. Rotondaro
Karen H. Kirmse
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

3. Nature of conveyance:
[X] Assignment [] Merger
[] Security Agreement [] Change of Name
[] Other
Execution Date: Oct. 22, Oct. 22 & Oct. 23, 2003

4. Application number(s) or patent number(s): 10692388
If this document is being filed together with a new application, the execution date of the application is: Oct. 22, Oct. 22 & Oct. 23, 2003
A. Patent Application No.(s) B. Patent No.(s)
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
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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
Name of Person Signing Signature Date
October 23, 2003
Reg. No. 36,981 Total number of pages including cover sheet attachments, and document: [5]

10/30/2003 ECOOPER 00000207 200668 10692388 Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231
01 FC:8021 40.00 DA

PATENT REEL: 014637 FRAME: 0725

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;

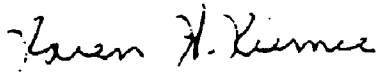
NEW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to the said TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my entire right, title and interest in and to the said invention and in to the said application and all patents 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	ENCAPSULATED SPACER WITH LOW DIELECTRIC CONSTANT MATERIAL TO REDUCE THE PARASITIC CAPACITANCE BETWEEN GATE AND DRAIN IN CMOS TECHNOLOGY	
SIGNATURE OF INVENTOR AND NAME	 Yuanning Chen	 Antonio L. P. Rotondaro
DATE	10/22/03	10/22/2003
RESIDENCE (CITY AND STATE)	3801 W. Spring Creek Pkwy. Apt. 1012 Plano, Texas 75023	6225 Shady Brook Lane Apt. 270 Dallas, Texas 75206
DATE APPLICATION EXECUTED	10/22/03	10/22/2003

TITLE OF INVENTION	ENCAPSULATED SPACER WITH LOW DIELECTRIC CONSTANT MATERIAL TO REDUCE THE PARASITIC CAPACITANCE BETWEEN GATE AND DRAIN IN CMOS TECHNOLOGY	
SIGNATURE OF INVENTOR AND NAME	 Karen H. Kirmse	
DATE	10/23/2003	
RESIDENCE (CITY AND STATE)	2211 White Cliff Drive Richardson, Texas 75080	
DATE APPLICATION EXECUTED	10/23/2003	

After recording, return Assignment to: Jacqueline J. Garner, Esq.
Texas Instruments Incorporated
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