To the Assistant Commissioner for Patents. Please record the attached origin. 1. Name of conveying party(ies): Changming Jin Joseph D. Luttmer Changming Jin Joseph D. Luttmer Changming Jin Joseph D. Luttmer Record Texas Instruments State: Record Texas Instruments Address: PO Box 655474, City: Dallas State: Texas Zip: 75265 Additional name(s) & address(es) attached? Address: PO Box 655474, City: Dallas State: Texas Zip: 75265 Additional name(s) & address(es) attached? Address: PO Box 655474, City: Dallas State: Texas Zip: 75265 Additional name(s) & address(es) attached? Execution Date: 07/28/1999 & 07/20/1999 4. Application number(s) or patent number(s). This document is being filed together with a new application. Execution Date: 07/28/1999 & 07/20/1999 Title: Integrated Circuit Dielectric and Method Docket: 17-28007 Filing Date: 05/27/1999 A Patent Application No.(s) 09/320,014 Additional numbers attached? Yes _X_ No Additional numbers attached? S. 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 7. Amount of fee enclosed or authorized 8. Deposit account number (Attach tw. paying by deposit account): 20-0	DATION FORM COV PATENTS ONLY ord the attached origin. 101126098 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?YesX_No reger ange of Name AUG 19 1999 B. Patent No.(s) Additional numbers attached?YesX_No 6. Number of applications and patents involved:1 7. Amount of fee enclosed or authorized to be charged: \$40		08-24-1999			
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Address: PO Box 655474, City: Dallas 8-19-99 Additional name(s) attached?Yes _X No Additional name(s) & address(es) attached: X	Address: PO Box 655474, M/S 3999 City: Dallas State: Texas Zip: 75265 Additional name(s) & address(es) attached?Yes_X_No PE All6 19 1999 B. Patent No.(s) Additional numbers attached?Yes_X_No 6. Number of applications and patents involved:1 7. Amount of fee enclosed or authorized to be charged: \$40 8. Deposit account number (Attach two copies of this form i paying by deposit account): 20-0668	Name of conveying party(ies):	2.	Name and	Address of receiving party(ies):	
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Security Agreement Change of Name Other Execution Date: 07/28/1999 & 07/20/1999 4. Application number(s) or patent number(s) This document is being filed together with a new application. Execution date of the application: 07/28/1999 & 07/20/1999 Title: Integrated Circuit Dielectric and Method Docket: TI-26007 Filing Date: 05/27/1999 A. Patent Application No.(s)	Aug 19 1999 With a new application. 20/1999 B. Patent No.(s) Additional numbers attached? YesX No. 6. Number of applications and patents involved:1 7. Amount of fee enclosed or authorized to be charged: \$40 8. Deposit account number (Attach two copies of this form in paying by deposit account): 20-0668	, ,	X_No A	dditional na	ume(s) & address(es) attached?Yes _X	_ No
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Additional numbers attached? Yes _X_ No Additional numbers attached. 5. Name and address of party to whom correspondence concerning document should be mailed: 6. Number of applications and patents in Texas Instruments Incorporated Address: PO Box 655474, M/S 3999 City: Dallas State: Texas Zip: 75265 7. Amount of fee enclosed or authorized. 8. Deposit account number (Attach two paying by deposit account): 20-0	7. Amount of fee enclosed or authorized to be charged: \$40 8. Deposit account number (Attach two copies of this form in paying by deposit account): 20-0668	Execution date of the application: 07/2 Title: Integrated Circuit Dielectric Docket: TI-26007 Filing Date: 05/27/1999 A. Patent Application No.(s)	8/1999 & 07/20/1999 and Method		.(s)	
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8/9/99 WH 2W	riton H. Hoel Registration No. 20.024	Dave	Carion n. noel, K	egistration .	•	age

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 a place of business 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;

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 hand and seal this day and year;

TITLE OF INVENTION	Integrated Circuit Dielectric and Method
SIGNATURE OF INVENTOR AND NAME	Changming Jin
DATE	× 7-28-99
RESIDENCE (CITY AND STATE)	Austin, Texas
DATE APPLICATION EXECUTED	× 7-28-99

TITLE OF INVENTION	Integrated Circuit Dielectric and Method
SIGNATURE OF INVENTOR AND NAME	Joseph D. Luttmer
DATE	× 1/20/99
RESIDENCE (CITY AND STATE)	Richardson, Texas
DATE APPLICATION EXECUTED	X

After recording, return Assignment to:

Texas Instruments Incorporated PO Box 655474, M/S 3999 Dallas, TX 75265