12-18-2003

FORM PTO-1595



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Additional numbers attached?Yes _XNo Additional numbers attachedYesNo 5. Name and address of party to whom correspondence concerning document should be mailed: 6. Number of applications and patents involved:1	Name of conveying party(ies)	Name and Address of receiving party(ies):
Additional name(s) & address(es) attached?Yes _X No	Michael F. Brenner	Name: Texas Instruments Incorporated
Additional name(s) & address(es) attached?Yes _X 3. Nature of Conveyance:	Addiitonal name(s) & address(es) attached?Yes _X No	· ·
3. Nature of Conveyance: X		
3. Nature of Conveyance: X Assignment Merger Security Agreement Change of Name Other Execution Date: 04/17/2003 4. Application number(s) or patent number(s) This document is being filed together with a new application Execution date of the application: Title: Docket No.: TI-32812 A. Patent Application No.(s): 10/195.678 B. Patent No.(s) Additional numbers attached? YesX _ No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Charles A. Brill, Patent Attorney Texas Instruments Incorporated Address: P.O. Box 655474, MS 3999 City: Dallas B. Patent No.(s) Additional numbers attached Yes No 6. Number of applications and patents involved: 1 7. Amount of fee enclosed or authorized to be charged: (Triplicate copies are not necessary)		Additional name(s) & address(es) attached? Yes X
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City: Dallas (Triplicate copies are not necessary)	Name: Charles A. Brill, Patent Attorney	7. Amount of fee enclosed or authorized to be charged : \$
City: Dallas	Address: P.O. Box 655474, MS 3999	
State: Texas Zip: 75265	City: Dallas	(Triplicate copies are not necessary)
	State: Texas Zip: 75265	
	9. Statement and Signature. To the best of my knowledge and belief, the foregoing inform	nation is true and correct and any attached copy is a true copy o
To the best of my knowledge and pelief, the foregoing information is true and correct and any attached copy is a true copy	original document. /	
	11/2011	Charles A Brill Bog No. 27 796
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy original document. Charles A. Brill, Reg. No. 37,786	an am	
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy original document.		

PATENT REEL: 014793 FRAME: 0445

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, 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 and 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 to issue all patents for said invention, or patents 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	PLANARIZATION FOR INTEGRATED CIRCUITS
Signature of Inventor and Name	Michael F/Brenner
Date	4/17/03
Residence (City, State & County)	4136 Warbler Dallas, Dallas County, Texas 75227
Date Application Executed	

After recording, return Assignment to:

RECORDED: 12/16/2003

Charles A. Brill Texas Instruments Incorporated P. O. Box 655474, M/S 3999 Dallas, Texas 75265

PATENT REEL: 014793 FRAME: 0446