ATTORNEY DOCKET TI-33709		(A)	Page 1 of 2	
FORM PTO 1595 1-31-92	1021970		U.S. DEPARTMENT OF COMMERC Patent and Trademark	
To the Honorable Commi	ssioner of Patents and Trademan	attached or	riginal documents or copy thereof.	
 Name and Address of Conveying Party(ies Kenneth D. Brennan 2610 Dupree Circle Austin, Travis County, Texas 75081 	180502	2. Name and Address of r	eceiving Party(ies):	
Individual Citizenship: United States of A	V	Name:	TEXAS INSTRUMENTS INCORPORA	
'			Legal Department	
Additional name(s) of conveying party(ies X Yes No) attached?	Mailing Address:	P.O. Box 655474, M/S 3999 Dallas, Texas 75251	
		Street Address:	Legal Department 7839 Churchill Way, M/S 3999 Dallas, Texas 75265	
Nature of conveyance: X Assignment	Merger			
Security Agreement	Change of Name			
Other		Additional name(s) & Address(es) attached?	Yes X No	
Execution Date: 08-01-02. Application number(s) or patent number(s)	·			
If this document is being filed together with	h a new application, the execution	n date of the application is: 08-	01-02.	
A. Patent Application No.(s):		B. Patent No.(s):		
		Additional Numbers Yes X No		
5. Name and address of party to whom correspondence concerning document should be mailed to:		6. Total number of application and patents involved: One		
Name: Jacqueline J. Garr	ner, Esq.	7. Total Fee (37C.F.R. 3.41): \$40.00		
Internal Address: TEXAS INSTRU Street Address: 7839 Churchill W	MENTS INCORPORATED 'ay, M/S 3999	Enclosed X Authorized to be charged to deposit account		
City: Dallas State: Texas	Zip 75251	8. Deposit Account Number:		
	•		0668 of Texas Instruments Incorporated Copy of this page if paying by deposit account)	
	DO NOT L	USE THIS SPACE		
Statement and signature. To the best of my knowledge and belief, the	foregoing information is True an	A correct and any attached copy	is a true copy of the original document.	
Samir A. Bhavsar, Reg. No. 41,617	16324	hr	August 5, 2002	
Name of Person Signing	Signature /	Total number of pages including	Date g cover sheet 3	
MB No. 0651-0011 (exp. 4/94)				
fail documents to be recorded with required co		tach this portion		
		Patents and Trademarks		
	Box A	Assignments on, D.C. 20231		
nd gathering the data needed, and completing address of Information Syst	neet is estimated to average about g and reviewing the sample co ems, PK2-1000C, Washington,	at 30 minutes per document to be over sheet. Send comments re	e recorded, including time for reviewing the docum- garding this burden estimate to the U.S. Patent a e of Management and Budget, Paperwork Reducti	
roject, (0651-0011), Washington, D.C. 20503				
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PATENT REEL: 013172 FRAME: 0571 ATTORNEY DOCKET: TI-33709 FORM PTO-1595 ATTACHMENT Sheet 2 of 2

1. Name of Conveying Parties - Continued - ALL INDIVIDUALS

Paul M. Gillespie 610 Harvest Mountain Court Allen, Collin County, Texas 75002

Citizenship: United States of America

DAL01:681422.1

PATENT
--- REEL: 013172 FRAME: 0572

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	SELF-ALIGNED VIAS IN AN INTE	EGRATED CIRCUIT STRUCTURE	
Invention	.0 1		
Signature of Inventor	June O. Brunn	Paul Dilleson	
and Name	Kenneth D. Brennan	Paul M. Gillespie	
Date	8-/-02	8-1-02	
Residence	2610 Dupree Circle	610 Harvest Mountain Court	
(City, State & County)	Austin, Travis County, Texas 75081	Allen, Collin County, Texas 75002	
Date Application Executed	8-/-02	8-1-02	

After recording, return Assignment to:

RECORDED: 08/05/2002

Jacqueline J. Garner, Esq. Texas Instruments Incorporated P. O. Box 655474, M/S 3999 Dallas, Texas 75265

DAL01:680590.1

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