FORM PTO-1595		
To the Assistant Commissioner for Patents. Please record the a	4723 uttached original documents or copy thereof.	170
1. Name of conveying party(ies): Mark R. Visokay Antonio L. P. Rotondaro Luigi Colombo	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	JC996 U.S.
Additional name(s) attached? Yes _X_ No	Additional name(s) & address(es) attached? Yes _X_ N	J o
3. Nature of Conveyance: X Assignment Merger Security Agreement Change of N Other Execution Date: 07/18/2002	Jame	
4. Application number(s) or patent number(s). X This document is being filed together with a ne Execution date of the application: 07/18/2002 Title: Gate Structure and Method Docket: TI-31339 Filing Date: 08/30/2002	10232124 ew application.	
A. Patent Application No.(s)	B. Patent No.(s)	
Additional numbers attached?YesXNo	Additional numbers attached?YesX_	No
5. 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	6. Number of applications and patents involved:1_	-
State: Texas Zip: 75265	7. Amount of fee enclosed or authorized to be charged: \$4	0
	8. Deposit account number (Attach two copies of this form paying by deposit account): 20-0668	n if
DO NOT	USE THIS SPACE	
document. 8/13/02	on is true and correct and any attached copy is a true copy of the or L. Hoel, Registration No. 29,934	riginal e 1 of 4

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	Gate Structure and Method
SIGNATURE OF INVENTOR AND NAME	Mark R. Visokay
DATE	7/18/02
RESIDENCE (CITY AND STATE)	Richardson, Texas
DATE APPLICATION EXECUTED	7/18/02

TITLE OF INVENTION	Gate Structure and Method
SIGNATURE OF INVENTOR AND NAME	Antonio L. P. Rotondaro
DATE	7-18-2002
RESIDENCE (CITY AND STATE)	Dallas, Texas
DATE APPLICATION EXECUTED	7-18-2002

TITLE OF INVENTION	Gate Structure and Method
SIGNATURE OF INVENTOR AND NAME	Luigi Colombo
DATE	July 18-2012
RESIDENCE (CITY AND STATE)	Dallas, Texas
DATE APPLICATION EXECUTED	July 18-2002

After recording, return Assignment to:

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