FORM PTO-1595		U.S. Department of Commerce Patent and Trademark Office	
T1-35339	102304534		
To the Ass't Commissioner for Patents Please recoi	rd the attached original documents or copy thereof.		
Name of conveying party(ies):	2.Name and Address of receiving	ing party(ies):	
1) Manisha Agarwala (11/15/02) 2) Bryan Thome (11/12/02) 3) Gary L. Swoboda (11/12/02)	Name: TEXAS INSTRUME: Address: P.O. Box 655474, MS City: Dallas State: TX Zip: 752	S 3999	
	Additional name(s) & address(	es) attached?Yes _X_No	
3. Nature of Conveyance:			
X_AssignmentMerger			
Security Agreement Change of	of Name		
Other			
Execution Date: November 12 and 15, 2002	10/301894		
4. Application number(s) or patent number(s).			
X This document is being filed together with a r	new application.		
Execution date of the application: November 12 an			
Title: Little Offset in Multicycle Event Maintain	ing Cycle Accurate Tracing of Stop Events		
Docket No: <b>T1-35339</b>		I	
A. Patent Application No.(s) S.N.	B. Patent No.(s) X,XXX,XXX		
Additional numbers attached?Yes	X_No Additional number	s attached?YesXNo	
Name and address of party to whom corresponden document should be mailed:      Name: Robert D. Marshall, Jr.     Texas Instruments Incorporated     Address: P.O. Box 655474, MS 3999     City: Dallas	6. Number of applications and	patents involved:(1)	
State: TX Zip: 75265	7. Amount of fee enclosed or a	authorized to be charged: \$40	
		668 (No duplicate copy is needed).	
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Statement and signature.			
	oing information is true and correct and any attached cop	ry is a true copy of the original document.	
November 22, 2002 Date	Rob	uf L. Marshall, Jr., #28,527	
Total Number o	of Pages Including Cover Sheet, Attachments and Docume	ent: <u>2</u>	

12/09/2002 LNUELLER 00000081 200668 10301894

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## 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 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;

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 Ass't Commissioner for Patents 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 my hand and seal this day and year;

TITLE OF INVENTION	Little Offset in Multicycle Event Maintaining Cycle Accurate Tracing of Stop Events		
SIGNATURE OF INVENTOR AND NAME	Manisha Agarwala	Bryan Thome	Hang J. Swoboda
DATE	11/15/02	Bry Thro B	11-12-02
RESIDENCE (City, State)	2608 Foxereek Dr Richardson, TX 75082 US	1511 Northshore Dr. Missouri City, TX 77459 US	4435 Balboa Dr Sugarland, TX 77479-2130 US
DATE APPLICATION EXECUTED	11/15/02	11-42-02	11-12-02

After recordation, please return Assignment to:

**RECORDED: 11/22/2002** 

Robert D. Marshall, Jr.
Texas Instruments Incorporated
P.O. Box 655474, MS 3999
Dallas, TX 75265

PATENT REEL: 013544 FRAME: 0321