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Docket Number: TI-35205 Patents Only Patent and Trademark Office	FORM PTO-1595	RECORDATION FO	ORM COVER SHEET	U.S. Department of Commerce		
1. Name of conveying party(ies): James R. Hochschild Donald C. Richardson 2. Name and Address of receiving party(ies): Name: Texas Instruments Incorporated Address: P. O. Box 655474 MNS 3999 City: Dallas, TX 75265 Country: United States of America Additional name(s) & address(es) attached? Yes X No 3. Nature of Conveyance: X Assignment Merger Security Agreement Change of Name Other Execution Date: March 11, 2003 4. Application number(s) or patent number(s). This document is being filed together with a new application. Execution date of the application: March 7, 2003 Title: Circuit For Modifying A Clock Signal To Achieve A Predetermined Duty Cycle A. Patent Application No.(s) S.N. 10384_262 Filed: March 7, 2003 Additional number attached? Yes X No Additional number attached? Yes X No 5. Name and Address of party to whom correspondence concerning document should be mailed: Dan Swayze Texas Instruments Incorporated P. O. Box 655474, MNS 3999 Dallas, TX 75265 Tel: (972) 917-5633 7. Amount of fee authorized to be charged: \$40. 8. Deposit Account No: 20-4668 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. 6 11 - 3 Date Name: Texas Instruments Incorporated Proposing information is true and correct and any attached copy is a true copy of the original document.	Docket Number: TI-35205	Paten	ts Only	Patent and Trademark Office		
James R. Hochschild Donald C. Richardson Address P. O. Box 655474 MN 3999 City: Dallas, TX 75265 Country: United States of America Addritional name(s) & address(es) attached? Yes X No	To the Ass't Commissioner for Patents. Please record the attached original documents or copy thereof.					
Address: P. O. Box 655474 M/S 3999 City: Dallax, TX 75265 Country: United States of America Additional name(s) & address(es) attached? Yes X No 3. Nature of Conveyance:						
Donald C. Richardson						
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Date Michael G. Cameron, Reg. No. 50,298	6-11-03 Marlle the					
				meron, Reg. No. 50,298		
Total Number of Pages Including Cover Sheet, Attachments and Document: 2						

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PATENT REEL: 014182 FRAME: 0180

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 its principal office at 7839 Churchill Way, M.S. 3999, Dallas, TX 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 therefore, 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	Circuit For Modifying A Clock Signal To Achieve A Predetermined Duty Cycle			
SIGNATURE OF INVENTOR AND NAME	(1) James R. Hochschild James R. Hardwell	(2)Donald C. Richardson	(3)	
DATE	3/11/03	3/11/03		
RESIDENCE (City, County, State)	Plano, Collin, Texas	Plano, Collin, Texas		

After recording return Assignment to:

Dan Swayze

Texas Instruments Incorporated P. O. Box 655474, M/S 3999

Dallas, TX 75265

4: 3148179

PATENT REEL: 014182 FRAME: 0181