

12-29-1998



FORM PTO-1595

U.S. Department of Commerce  
Patent and Trademark Office

TI-23330

*MRO 12/15/98*

100930275

To the Ass't Commissioner for Patents. Please record the attached original documents or copy thereof.

U.S. PTO  
12/15/98  
09/22/2034  
JCI/36

1. Name of conveying party(ies):  
1) Steven D. Krueger  
2) Jonathan H. Shiell  
3) Ian Chen

2. Name and Address of receiving party(ies):  
Name: TEXAS INSTRUMENTS INCORPORATED  
Address: P. O. Box 655474, MS 3999  
City: Dallas  
State: TX Zip: 75265  
Additional name(s) & address(es) attached? \_\_\_ Yes X No

3. Nature of Conveyance:  
X Assignment      \_\_\_ Merger  
\_\_\_ Security Agreement      \_\_\_ Change of Name  
\_\_\_ Other \_\_\_\_\_  
Execution Date: **December 19, 1997 and April 25, 1998**

4. Application number(s) or patent number(s).  
X This document is being filed together with a new application.  
Execution date of the application: **December 19, 1997 and April 25, 1998**  
Title: Microprocessor Circuits, Systems , and Methods With On-Chip Pixel And Non-Pixel Cache Structure  
Docket No: TI-23330  
A. Patent Application No.(s)  
S.N. 0X/XXX,XXX  
Additional numbers attached? \_\_\_ Yes X No

B. Patent No.(s)  
X,XXX,XXX  
Additional numbers attached? \_\_\_ Yes X No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: Robert D. Marshall, Jr.  
Texas Instruments Incorporated  
Address: P. O. Box 655474, MS 3999  
City: Dallas  
State: TX Zip: 75265

6. Number of applications and patents involved: \_\_\_ (1) 40E  
7. Amount of fee enclosed or authorized to be charged: \$40  
8. Deposit Account No: **20-0668** (No duplicate copy is needed).

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.*  
  
December 15, 1998  
Date  
  
*Robert D. Marshall, Jr.*  
Robert D. Marshall, Jr., Reg. No. 28,527

Total Number of Pages Including Cover Sheet, Attachments and Document: 2

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 ASSIGNMENT
 

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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

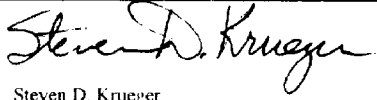
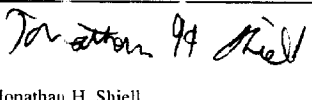
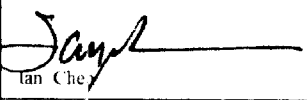
WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with its principal office at 13500 North Central Expressway, Dallas, Texas 75265, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the 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 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	Microprocessor Circuits, Systems, And Methods With Combined On-chip Pixel And Non-pixel Cache Structure		
SIGNATURE OF INVENTOR AND NAME	 Steven D. Krueger	 Jonathan H. Shiell	 Ian Che
DATE	12/19/97	12/19/97	4/25/98
RESIDENCE (City, County, State)	6449 Norway Road Dallas, Texas 75230 Dallas County	4300 Longfellow Drive Plano, Texas 75093 Collin County	3131 Homestead Rd., Apt 3F Santa Clara, California 95051
DATE APPLICATION EXECUTED	12/19/97	12/19/97	4/25/98

After recording returning Assignment to:

Robert D. Marshall, Esq.  
Texas Instruments Incorporated  
P.O. Box 655474, M/S 3999  
Dallas, Texas 75265