

07-09-1998



FORM PTO-1595

U.S. Department of Commerce  
Patent and Trademark Office

TI-26206

100758701  
PATENTS ONLY

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

1. Name of conveying party(ies): 1) Natarajan Seshan 2) Jeffrey R. Quay 3) Kenneth L. Williams	4) Michael J. Moody	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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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MRD 6-29-98

3. Nature of Conveyance:  
 Assignment      Merger  
 Security Agreement      Change of Name  
 Other \_\_\_\_\_  
 Execution Date: June 15, 1998; June 22, 1998

4. Application number(s) or patent number(s).  
 This document is being filed together with a new application.  
 Execution date of the application: June 15, 1998; June 22, 1998  
 Title: A Direct Memory Access Controller With Split Channel Transfer Capability and FIFO Buffering  
 Docket No: TI-26206

A. Patent Application No.(s) S.N. 09/054,833	B. Patent No (s) X XXX.XXX
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Additional numbers attached?  Yes  No     Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Gerald E. Laws Texas Instruments Incorporated Address: P.O. Box 655474, MS 3999 City: Dallas State: TX Zip: 75265	6. Number of applications and patents involved: <u>40E</u>  7. Amount of fee enclosed or authorized to be charged \$40 8. Deposit Account No: 20-0668 (No duplicate copy is needed).
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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.*

June 25 1998  
Date

Robert D. Marshall, Jr.  
Robert D. Marshall, Jr., Reg. No. 500000

Total Number of Pages Including Cover Sheet, Attachments and Document: 3

PATENT  
REEL: 9281 FRAME: 07  
07/09/1998 JMWTKINS 00000001 200668 40.00 CH  
01 FC:561

**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 Serial No. 09/054,833 filed on April 3, 1998; and

WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with its 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	A Direct Memory Access Controller With Split Channel Transfer Capability and FIFO Buffering		
SIGNATURE OF INVENTOR AND NAME	(1) <i>Natarajan Seshan</i>	(2) <i>Jeffrey R. Quay</i>	(3) <i>Kenneth L. Williams</i>
DATE	<i>6/15/98</i>	<i>6-22-98</i>	<i>6-22-98</i>
RESIDENCE (City, County, State)	Houston, Harris, Texas	Royce City, Collin, Texas	Sherman, Grayson, Texas
DATE APPLICATION EXECUTED	<i>6/15/98</i>	<i>6-22-98</i>	<i>6-22-98</i>

ATTORNEY DOCKET NO.

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TITLE OF INVENTION	A Direct Memory Access Controller With Split Channel Transfer Capability and FIFO Buffering		
SIGNATURE OF INVENTOR AND NAME	 <sup>(4)</sup> Michael J. Moody	(5) n/a	(6) n/a
DATE	6-22-98		
RESIDENCE (City, County, State)	McKinney, Collin, Texas		
DATE APPLICATION EXECUTED	6-22-98		

After recordation, please return Assignment to:

Gerald E. Laws  
Texas Instruments Incorporated  
P.O. Box 655474, MS 3999  
Dallas, TX 75265

PATENT

RECORDED: 06/29/1998

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