

02-18-1999



FORM PTO-1595

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PATENTS ONLYU.S. Department of Commerce  
Patent and Trademark OfficeTI-26868 *NR 2-4-99*

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

1. Name of conveying party(ies):

- 1) Alan Gatherer                      4) Ching-Yu Hung
- 2) Carl E. Lemonds
- 3) Dale E. Hocevar

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 ☒ No

3. Nature of Conveyance:

- ☒ Assignment                      ☐ Merger
- ☐ Security Agreement                      ☐ Change of Name
- ☐ Other \_\_\_\_\_

Execution Date: January 27, 1999 and February 1, 1999

*09/244973*

4. Application number(s) or patent number(s).

☒ This document is being filed together with a new application.

Execution date of the application: January 27, 1999 and February 1, 1999

Title: Reconfigurable Multiple Multiply-Accumulate Hardware Co-Processor Unit

Docket No: TI-26868

A. Patent Application No.(s)  
S.N. 0X/XXX,XXXB. Patent No.(s)  
X,XXX,XXXAdditional numbers attached? ☐ Yes ☒ NoAdditional numbers attached? ☐ Yes ☒ 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)      *02/16/1999* **SBURNS** **00000091** **200668** **09244973***01 FC:581* **40.00 CH**7. Amount of fee enclosed or authorized to be charged: \$40 *E*

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.*

\_\_\_\_ February 4, 1999 \_\_\_\_  
Date

*Robert D. Marshall, Jr.*  
Robert D. Marshall, Jr., Reg. No. 28,527

Total Number of Pages Including Cover Sheet, Attachments and Document:       5      

02/04/99  
 09/244973  
 10518 U.S. PTO

PATENT  
REEL: 9757 FRAME: 0080

**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. 60/073,641 filed on February 4, 1998; and

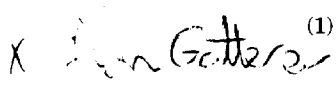

WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with its principal office at P.O. Box 655474, MS 3999, Dallas, Texas 75265, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said 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	<b>Reconfigurable Multiple Multiply-Accumulate Hardware Co-Processor Unit</b>		
SIGNATURE OF INVENTOR AND NAME	X  (1) Alan Gatherer	(2) Carl E. Lemonds	(3)  Dale E. Hocevar
DATE	X 2-1-99		X 2-1-99
RESIDENCE (City, County, State)	Richardson, Dallas, Texas	Garland, Dallas, Texas	Richardson, Dallas, Texas
DATE APPLICATION EXECUTED	X 2-1-99		X 2-1-99

After recordation, please return Assignment to:

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

IN WITNESS WHEREOF, I hereunto set my hand and seal this day and year;

TITLE OF INVENTION	<b>Reconfigurable Multiple Multiply-Accumulate Hardware Co-Processor Unit</b>		
SIGNATURE OF INVENTOR AND NAME	(4) <i>X Ching-Yu Hung</i> Ching-Yu Hung	(5) n/a	(6) n/a
DATE	X 2-1-99		
RESIDENCE (City, County, State)	Plano, Collin, Texas		
DATE APPLICATION EXECUTED	X 2-1-99		

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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	Reconfigurable Multiple Multiply-Accumulate Hardware Co-Processor Unit		
SIGNATURE OF INVENTOR AND NAME	(1) <i>Alan Gatherer</i>	(2) <i>Carl E. Lemonds</i>	(3) <i>Dale E. Hocevar</i>
DATE		X 1/27/99	
RESIDENCE (City, County, State)	Richardson, Dallas, Texas	Garland, Dallas, Texas	Richardson, Dallas, Texas
DATE APPLICATION EXECUTED		X 1/27/99	

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**PATENT**  
**REEL: 9757 FRAME: 0083**

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TITLE OF INVENTION	<b>Reconfigurable Multiple Multiply-Accumulate Hardware Co-Processor Unit</b>		
SIGNATURE OF INVENTOR AND NAME	(4) <i>Ching-Yu Hung</i>	(5) <i>n/a</i>	(6) <i>n/a</i>
DATE			
RESIDENCE (City, County, State)	Plano, Collin, Texas		
DATE APPLICATION EXECUTED			

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