

01-18-2000

Department of Commerce
Patent and Trademark Office

FORM PTO-1595 **MRD**
TI-27177 **12.30.99** RECORDATIC
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To the Assistant Commissioner for Patents. Please record the attached

1. Name of conveying party(ies):
(1) Ching-Yu Hung
(2) Leonardo W. Estevez
(3) Wissam A. Rabadi

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

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3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: **Hung, 12/20/99; Estevez, 12/07/99; Rabadi, 12/15/99**

4. Application number(s) or patent number(s).
Execution date of the application: **Hung, 12/20/99; Estevez, 12/07/99; Rabadi, 12/15/99**
Title: **Reconfigurable SIMD Cprocessor Architecture for Sum of Absolute Differences and Symmetric Filtering (Scalable MAC) Engine for Image Processing**
Docket No: **TI-27177**
A. Patent Application No.(s) S.N. **09/411/124** B. Patent No.(s)
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: Rebecca Mapstone Lake
Texas Instruments Incorporated
Address: P.O. Box 655474, MS 3999
City: Dallas
State: TX Zip: 75265

6. Number of applications and patents involved: (1)
7. Amount of fee enclosed or authorized to be charged: \$40
8. Deposit Account No: **20-0668** (Attach duplicate copy if paying by deposit account)

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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.
12.22.99
Date

Rebecca Mapstone Lake, Reg. No. 36,208

01/18/2000 DNGUYEN 00000077 200668 09411124

01 FC:581 **40.00 CH**

Total Number of Pages Including Cover Sheet, Attachments and Document: 7

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 has been made, the said application having the serial number and filing date as identified below; and

WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with a place of business at 7839 Churchill Way, MS 3999, Dallas, Texas 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 and 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 to issue all patents for said invention, or patents 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.

Reconfigurable SIMD Coprocessor Architecture for Sum of Absolute Differences and Symmetric Filtering (Scalable MAC) Engine for Image Processing

Title of Invention

Ching-Yu Hung, Leonardo W. Estevez and Wissam A. Rabadi

Inventor(s)

U.S. Application Serial No: 09/411,124 filed 10/04/99

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

(1) Ching-Yu Hung
Ching-Yu Hung

4633 Baldwin Lane (Collin County) Plano, Texas 75024
Address

12-20-1999
Date

(2) _____
Leonardo W. Estevez

1211 Audelia #2403 (Dallas County) Dallas, Texas 75243
Address

Date

(3) _____
Wissam A. Rabadi

9550 Ella Lee Lane, #1210 (Harris County) Houston, Texas 77063
Address

Date

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12/15/1999
Date