

10.1.99

10-18-1999

FORM PTO-1595



TI-27691

101172798

U.S. Department of Commerce
ET Patent and Trademark Office

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

1. Name of conveying party(ies):

- 1) TI-France
2) Gilbert Laurenti
3) Karim Dejafarian
4) Herve Catan

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
___ Security Agreement
___ Merger
___ Change of Name
___ Other

Execution Date: September 30, 1998 and October 4, 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: August 16, 1999

Title: Circular Buffer Management

Docket No: TI-27691

A. Patent Application No.(s)

S.N. 0X/XXX,XXX

10/13/1999 AMYES 00000011 200668 09411187

02 FC:501

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: 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: ___(1)___

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.

October 1, 1999
Date

Gerald E. Laws, Reg. No: 39,268

Total Number of Pages Including Cover Sheet, Attachments and Document: ___3___

10525 U.S. PTO
09/411187
10/01/99

ASSIGNMENT

WHEREAS, TEXAS INSTRUMENTS FRANCE, (hereinafter **TIF**), a French company of Avenue Bel Air BP5, 06271 Villeneuve Loubet Cedex, France and, by operation of French Law, the beneficial owners of all right, title and interest in an invention for which an application for a patent is to be filed in the French Patent Office as set forth below; and

WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organised and existing under the laws of the State of Delaware, with a place of business at 7839 Churchill Way, Dallas, Texas 75251, is desirous of acquiring the entire right, title and interest in and to the said invention outside France, and in and to patent applications filed outside France and any Patent that may be granted thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, by this Assignment,

TIF sells and assigns to the said **TEXAS INSTRUMENTS INCORPORATED**, its successors and assigns, the entire right, title and interest in and to the said invention in the U.S.A. and in all other countries outside France; together with the right to file applications and obtain patents in any other country or group of countries, and to claim priority under the terms of the International Convention for the Protection of Industrial Property or any other relevant convention;

TIF hereby authorises and requests the Commissioner of Patents to issue all U.S. patents for said invention, or patents resulting therefrom, insofar as our interest is concerned to the said **TEXAS INSTRUMENTS INCORPORATED**, as assignee of the entire right, title and interest. **TIF** further agrees to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect patent rights, and generally to 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.

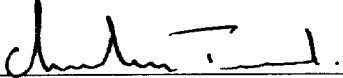
Title of Invention: Circular Buffer Management to Address Compatibility with Previous Generation and Get Rid of Boundary Constraint

Inventors: Gilbert Laurenti, Karim Djafarian and Herve Catan

Internal Reference: TI-27691

IN WITNESS WHEREOF this Assignment has been executed as set forth below:

Executed for and on behalf of **TEXAS INSTRUMENTS FRANCE**

By: 

Name: Christian TORDO

Title: Managing Director

Date: 09/30/98

Executed for and on behalf of **TEXAS INSTRUMENTS INCORPORATED**

By: _____

Name: _____

Title: _____

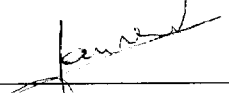
Date: _____

ACKNOWLEDGMENT


We, _____, inventors of certain new and useful improvements in the above identified invention for which application for a Patent is about to be made, acknowledge that I am an employee of **TEXAS INSTRUMENTS FRANCE**, and that my invention and all rights in it belong to **TEXAS INSTRUMENTS FRANCE** by virtue of operation of law.

I hereby further agree that I will communicate to **TEXAS INSTRUMENTS FRANCE** or to its successors, assigns and legal representatives, any facts known to me respecting said invention, and at the expense of **TEXAS INSTRUMENTS FRANCE**, to 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 FRANCE**, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

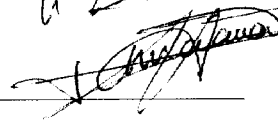
IN WITNESS WHEREOF, the or each said inventor has hereto set his hand and seal:

LAUREN T. GILBERT 

09/30/98
Date

CATAN Hervé 

09/30/98
Date

DOZARIAN KARIN 

10/04/98
Date