

01-07-2008



103473020

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1-4-08

1. Name of conveying party(ies)
 Jeannette Michelle Jacques
 Deepak A. Ramappa

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
 Name: Texas Instruments Incorporated
 Internal Address: _____
 Street Address: 7839 Churchill Way, M/S 3999
 City: Dallas
 State: Texas
 Country: United States Zip: 75251

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):
 Execution Date(s) December 21, 2007

Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

4. Application or patent number(s): This document is being filed together with a new application.

A. Patent Application No.(s)
11/965,972 Filed December 28, 2007

B. Patent No.(s)

Additional numbers attached? Yes No

OPR/FINANCE
 11-4-08
 11-03

5. Name and address to whom correspondence concerning document should be mailed:

Name: Peter McLarty, Esq.
 Internal Address: _____
Texas Instruments Incorporated
 Street Address: 7839 Churchill Way, M/S 3999
 City: Dallas
 State: Texas Zip: 75251
 Phone Number: (972) 917-4258
 Fax Number: (972) 917-4418
 Email Address: _____

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

Authorized to be charged by credit card
 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
 Expiration Date _____

b. Deposit Account Number 20-0668
 Authorized User Name Thomas G. Eschweiler

9. Signature: Thomas G. Eschweiler Signature _____ Date _____

Thomas G. Eschweiler, Registration No. 36,981

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 4

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
 Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

01/04/2008 DRYRNE 00000052 200668 11965972
 01 FC:0021 40.00 DA

Serial No.

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 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 a place of business at 7839 Churchill Way, M/S 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 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	ETCH RESIDUE REDUCTION BY ASH METHODOLOGY
SIGNATURE OF INVENTOR AND NAME	Jeannette Michelle Jacques 
RESIDENCE (CITY AND STATE)	8117 Lighthouse Drive Rowlett, Texas 75089
DATE DECLARATION SIGNED	12/21/2007

TITLE OF INVENTION	ETCH RESIDUE REDUCTION BY ASH METHODOLOGY
SIGNATURE OF INVENTOR AND NAME	 Deepak A. Ramappa
RESIDENCE (CITY AND STATE)	3310 Cole Avenue, #359 Dallas, Texas 75204
DATE DECLARATION SIGNED	12/21/07

After recording, return Assignment to:

Texas Instruments Incorporated
PO Box 655474, M/S 3999
Dallas, TX 75265