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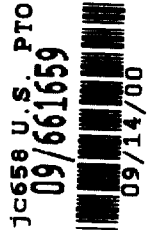
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FORM PTO-1595

U.S. Department of Commerce
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): Theodore W. Houston</p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p>2. Name and Address of receiving party(ies):</p> <p>Name: Texas Instruments Incorporated Address: P. O. Box 655474, M.S. 3999 City: Dallas State: Texas Zip: 75265</p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>
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3. Nature of Conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date : 10/01/99

4. Application number(s) or patent number(s).
If this document is being filed together with a new application, the execution date of the application is: 10/01/99

A. Patent Application No.(s) B. Patent No.(s)

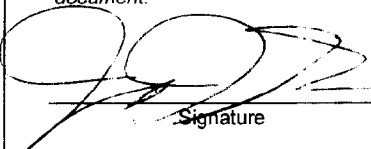
Additional numbers attached? Yes No Additional numbers attached? Yes No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: Jacqueline J. Garner Address: Texas Instruments Incorporated P. O. Box 655474, M.S. 3999 City: Dallas State: Texas Zip: 75265</p>	<p>6. Number of applications and patents involved: <u>1</u></p> <p>7. Amount of fee enclosed or authorized to be charged: <u>\$40.00</u></p> <p>8. Deposit account number : 20-0668</p>
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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.

 _____
Signature Name of Person Signing

Jacqueline J. Garner, Reg. No. 36,144
Date: 9/14/00

Total number of pages including cover sheet, attachments and document: 2

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

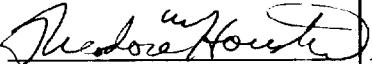
WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, having a place of business at 7839 Churchill Way, MS 3999, Dallas, Texas 75251, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the 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.

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

Title of Invention	SEMICONDUCTOR DEVICE WITH FULLY SELF-ALIGNED LOCAL INTERCONNECTS, AND METHOD FOR FABRICATING THE DEVICE		
Signature of Inventor and Name	 Theodore W. Houston		
Date	Oct 1, 1999		
Residence (City, State & County)	1522 North Cheyenne Drive, Richardson, Dallas County, Texas 75080		
Date Application Executed	Oct 1, 1999		

After recording, return Assignment to:
Jacqueline J. Garner
Texas Instruments Incorporated
P. O. Box 655474, M/S 3999
Dallas, Texas 75265