

12-06-2000

FORM PTO-1595

TI-28651



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U.S. Department of Commerce
Patent and Trademark Office

To the Assistant Commissioner for Patents. Please record the attached original documents or copy thereof.

| | |
|--|--|
| 1. Name of conveying party(ies): Texas Instruments Limited 5/26/00 Graham G. Hetherington 5/25/00 Anthony Fryars 5/31/00 | 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 |
|--|--|

 10/25/00
 09/696326
 10/25/00

3. Nature of Conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: 5/26/00; 5/25/00; 5/31/00

9/696326

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

Execution date of the application: : 5/26/00; 5/25/00; 5/31/00
 Title: LBIST Controller Circuits, Systems, and Methods with Automated Maximum Scan Channel Length Determination
 Docket No: TI-28651

| | |
|---|---|
| A. Patent Application No.(s) S.N. 0X/XXX,XXX Additional numbers attached? ____ Yes __X__ No | B. Patent No.(s) X,XXX,XXX Additional numbers attached? ____ Yes __X__ No |
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| 5. Name and address of party to whom correspondence concerning document should be mailed: Name: J. Dennis Moore, Reg. No. 28,885 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.

Date: 10/25/00
 J. Dennis Moore, Reg. No. 28,885

Total Number of Pages Including Cover Sheet, Attachments and Document: 3

ASSIGNMENT

Whereas, Texas Instruments Limited, (hereinafter **TIL**), a British company of 800 Pavilion Drive, Northampton Business Park, Northampton NN4 7YL England, and, by operation of English Law, the beneficial owners of all right, title and interest in an invention for which it has filed application in its own name for letters patent in the United Kingdom as set forth below; and

Whereas, Texas Instruments Incorporated, a corporation organized and existing under the laws of the State of Delaware, with its principal office at 7839 Churchill Way, MS 3999, Dallas, Texas 75251, is desirous of acquiring the entire right, title and interest in and to the said invention outside of the United Kingdom, and in and to patent applications filed outside the United Kingdom and any Letters Patent that may issue thereon;

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

TIL 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 the United Kingdom and in and to the U.S. patent application identified below and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and 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;

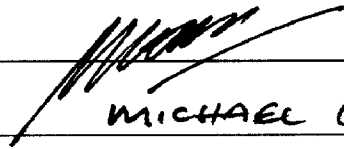
TIL hereby authorizes and requests the Commissioner of Patents to issue all U.S. patents for said invention, or patents resulting therefrom, insofar as our interest is concerned to the said **Texas Instruments Incorporated**, as assignee of the entire right, title and interest. **TIL** further agrees 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: LBIST Controller Circuits, Systems, and Methods with Automated Maximum Scan Channel Length Determination

Inventor(s): Graham G. Hetherington, Anthony Fryars

In Witness Whereof this Assignment has been executed as set forth below:

Executed for and on behalf of **Texas Instruments Limited**

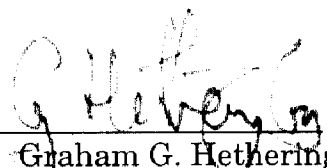
By: 
Name: MICHAEL LOWLES
Title: COMPANY SECRETARY
Date: 26 May 2000

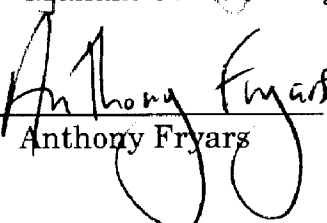
ACKNOWLEDGMENT

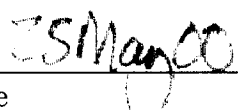
I, Graham G. Hetherington and Anthony Fryars, (co-)inventor(s) of certain new and useful improvements in the above entitled invention for which application for United States Letters Patent is about to be made, acknowledge that I am a employee of **Texas Instruments Limited**, that my invention was made in the course of my normal or specifically assigned duties as an employee of **Texas Instruments Limited** and that my invention and all rights in it belong to **Texas Instruments Limited** by virtue of Section 39 of the Patents Act 1977.

I hereby further agree that I will communicate to **Texas Instruments Limited** or to its successors, assigns and legal representatives, any facts known to me respecting said invention, and at the expense of **Texas Instruments Limited**, 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 Limited**, 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:


Name: Graham G. Hetherington


Name: Anthony Fryars


Date

31 May 00.
Date