



08-30-2001

FORM PTO-1595

TI-27180



101828200

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 7/25/01
Graham Dring 7/9/01
Tammy Timms 7/23/01

8-2301

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

3. Nature of Conveyance:

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

Execution Date in order of listed parties: 7/25/01; 7/9/01; 7/23/01

4. Application number(s) or patent number(s).

☐ This document is being filed together with a new application.

Execution date of the application in order of listed parties: 7/25/01; 7/9/01; 7/23/01

Title: Regenerative Tie-High Tie-Low Cell

Docket No: TI-27180

A. Patent Application No.(s)
S.N. 09/876,539

B. Patent No.(s)
X,XXX,XXX

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: Rose Alyssa Keagy
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.

8/21/01
Date

Rose Alyssa Keagy, Reg. No. 35,095

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

08/29/2001 LMBELLER 00000297 200668 09876538

01 PD:581 40.00 CR

PATENT
REEL: 012108 FRAME: 0012

ASSIGNMENT

WHEREAS, **TEXAS INSTRUMENTS LIMITED**, (hereinafter **TIL**), a British company of 800 Pavilion Drive, Mail Station 13, Northampton Business Park, Northampton NN4 7YL, United Kingdom 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, Mail Station 3999, Dallas, Texas 75251, USA, 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, as of date executed, **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 other than the United Kingdom.

Title of Invention: **REGENERATIVE TIE-HIGH TIE-LOW CELL**

Inventor(s): **Graham Dring, Tammy Timms**

U.S. Application Serial No. 09/876,539 Filed: 7 June 2001

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

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

By: [Signature]
Name: MICHAEL COWLES
Title: COMPANY SECRETARY
Date: 25th July 2001

ACKNOWLEDGMENT

We, Graham Dring and Tammy Timms, inventors of certain new and useful improvements in the above entitled invention for which application for United States Letters Patent has been made, acknowledge that we are employees of TEXAS INSTRUMENTS LIMITED, that our invention was made in the course of our normal or specifically assigned duties as employees of TEXAS INSTRUMENTS LIMITED and that our invention and all rights in it belong to TEXAS INSTRUMENTS LIMITED by virtue of Section 39 of the Patents Act 1977.

We hereby further agree that we will communicate to TEXAS INSTRUMENTS LIMITED or to its successors, assigns and legal representatives, any facts known to us 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:

[Signature]
Graham Dring
9th July 2001
Date

[Signature]
Tammy Timms
23rd July 2001
Date

TIL-27180

RECORDED: 08/23/2001

PATENT
REEL: 012108 FRAME: 0014