



To the Honorable Commissioner of

102551498

attached original documents or copy thereof.

1. Name of conveying parties:

Name(s): Fredrick W. Trafton
Tanchu Shih
Juergen Luebbe

8-26-03

2. Name and address of receiving party:

Name(s): Texas Instruments Incorporated

Address:
P.O. Box 655474, MS 3999
Dallas, Texas 75265

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other:

Execution Date: 21 August 2003

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

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: 21 August 2003

A. Patent Application No.(s)

10647931

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name:
W. Daniel Swayze, Jr.

Address:
Texas Instruments Incorporated
P.O. Box 655474, MS 3999
Dallas, TX 75265

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41)\$40

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:
20-0668

(Attach duplicate copy of this page if paying by deposit account)

09/15/2003 DBYRNE 00000052 200668 10647931

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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.

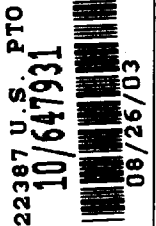
Rodney M. Anderson
Name of person Signing

Signature

26 Aug 2003
Date

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

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments, Washington, D.C. 20231



COPY

ATTORNEY'S DOCKET NO.
TI-35750

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

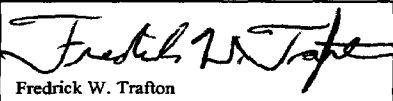
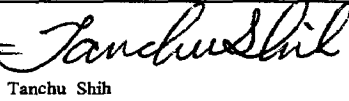
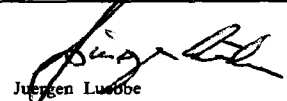
WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with a place of business at 7839 Churchill Way, MS 3999, Dallas, Texas 75251, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said 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 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	A RECONFIGURABLE TOPOLOGY FOR SWITCHING AND CHARGE PUMP NEGATIVE POLARITY VOLTAGE REGULATORS		
SIGNATURE OF INVENTOR AND NAME	 Fredrick W. Trafton	 Tanchu Shih	 Juergen Lubbe
DATE	8/21/03	8/21/03	8/21/03
RESIDENCE (City, County, State)	1120 Breezewood Drive, Lewisville, Denton County, Texas 75077	5801 Spring Valley Road, #1810, Dallas, Dallas County, Texas 75254	741 Baxter Drive, Plano, Collin County, Texas 75025
DATE APPLICATION EXECUTED	8/21/03	21 Aug 2003 TMA	21 Aug 2003 TMA

After recording returning Assignment to:

W. Daniel Swayze, Jr., Esq.
Texas Instruments Incorporated
P.O. Box 655474, M/S 3999
Dallas, Texas 75265