

FORM PTO-1595
(Rev. 6-93)

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11-10-2004

FRONT SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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To the Honorable Commissione

102878571

he attached original documents or copy thereof.

U.S. PTO
10/980532
17302

110304

1. Name of conveying party(ies): Bunratthanna Nguon

*Assignment Date 11/02/04

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
MS 3999

City: Dallas State: TX ZIP: 75251

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

3. Nature of conveyance:

Assignment Merger

Security Agreement Change of Name

Other _____

Execution Date: 11/02/04

*See Above

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: 11/02/04

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

Additional numbers attached? Yes No

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

Name: Russell E. Baumann

Internal Address: _____

Texas Instruments Incorporated

Street Address: 34 Forest Street
MS 20-21

City: Attleboro State: MA ZIP: 02703

6. Total number of applications and patents involved:

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

Enclosed

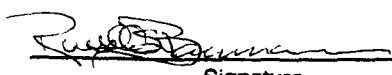
Authorized to be charged to deposit account

8. Deposit account number: 20-0670

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

11/10/2004 8TON11 06000029 200670 10980532 DO NOT USE THIS SPACE

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.

Russell E. Baumann  11/3/04

Name of Person Signing Signature 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

PATENT
REEL: 015961 FRAME: 0454

A42224

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 and to the said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, reexaminations 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, the European Patent Convention, and the Patent Cooperation Treaty 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, reexaminations 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	ELECTRICAL HEATER APPARATUS		
SIGNATURE OF INVENTOR AND NAME	(1) <i>Bunratthanna Nguon</i> Bunratthanna Nguon	(2) _____	(3) _____
DATE	11/02/04		
RESIDENCE (City, County, State)	Providence, Providence, Rhode Island		
DATE Application Executed	11/02/04		

After recording return Assignment to:

Texas Instruments Incorporated
34 Forest Street, M/S 20-21
Attleboro, Massachusetts 02703

Customer Number: 25946