

09-30-1999

FORM PTO-1595

U.S. Department of Commerce
Patent and Trademark Office

To the Honorable Commissioner of Patents

101158581

Original documents or copy thereof.

1. Name of conveying party(ies):

KEVIN LYNE

2. Name and Address of receiving party(ies):

Name: *Texas Instruments Incorporated*Address: *P. O. Box 655474, M.S. 3999*City: *Dallas*State: *Texas* Zip: *75265*

Additional name(s) & address(es)

Attached? ☐ Yes ☒ No

Additional name(s) & address(es)

attached? ☐ Yes ☒ No

DC542 U.S. PTO

09/400349

09/20/99

3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherExecution Date: September 20, 1999

09/400349

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: September 20, 1999

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ NoAdditional numbers attached? ☐ Yes ☒ No

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

Name: *Ronald O. Neerings*Address: *Texas Instruments Incorporated**P. O. Box 655474, M.S. 3999*City: *Dallas*State: *Texas* Zip: *75265*6. Number of applications and patents involved: 17. Amount of fee enclosed or authorized to be charged: \$40.008. Texas Instruments Incorporated, Account Number: 20-0668

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.

Signature

Ronald O. Neerings, Reg. No. 34,227

Name of Person Signing

9/20/99

Date

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

09400349

09/28/1999 KIMRLINE 0000055 200668

40.00 CH

03 FC:581

PATENT

REEL: 010267 FRAME: 0195

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

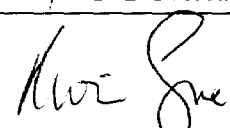
WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with a place of business at 7839 Churchill Way, Mail Station 3999, Dallas, Texas 75251, is desirous of acquiring my entire right, title and interest in and to the said invention, and 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 Assistant Commissioner for Patents 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 my hand and seal this day and year;

TITLE OF INVENTION	METHOD FOR INCREASING DEVICE RELIABILITY BY SELECTIVELY DEPOPULATING SOLDER BALLS FROM A FOOT PRINT OF A BALL GRID ARRAY (BGA) PACKAGE		
SIGNATURE OF INVENTOR AND NAME	 KEVIN LYNE		
DATE	9/20/99		
RESIDENCE (City, County, State)	PLANO, COLLIN, TEXAS		
DATE APPLICATION EXECUTED	9/20/99		

After recordation, please return Assignment to:

RONALD O. NEERINGS
Texas Instruments Incorporated
P. O. Box 655474, MS 3999
Dallas, TX 75265