09-29-1998 FORM PTO-1595 **U.S. Department of Commerce** Patent and Trademark Office TI-24780 100840924 To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof. 2. Name and Address of receiving party(ies): 1. Name of conveying party(ies): Name: TEXAS INSTRUMENTS INCORPORATED 1) John W. Orcutt Address: P.O. Box 655474, MS 3999 Dallas City: TXZip: 75265 State: Additional name(s) & address(es) attached? ___ Yes _X_ No 3. Nature of Conveyance: ____ Merger _X_ Assignment ___ Security Agreement ____ Change of Name _ Other ___ Execution Date: May 8, 1998 4. Application number(s) or patent number(s). X This document is being filed together with a new application. Execution date of the application: May 8, 1998 Title: Method and Apparatus for Wire Bonded Package for Integrated Circuits Docket No: TI-24780 A. Patent Application No.(s) B. Patent No.(s) XXXXXXXX Additional numbers attached? _____ Yes __X_ No Additional numbers attached? _____ Yes __X__ No 5. Name and address of party to whom correspondence 6. Number of applications and patents involved: ____(1)___ concerning document should be mailed: Name: Mark E. Courtney Texas Instruments Incorporated Mail Station 3999 P.O. Box 655474 Dallas, Texas 75265 7. Amount of fee enclosed or authorized to be charged: \$40 $1 \times $40 = 40 JSHABAZZ 00000207 200668 09153745 8. Deposit Account No: 20-0668 (Attach duplicate copy if paying by deposit account) This form is submitted in 40.00 CH 01 FC:581 triplicate. 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.

September 15, 1998

Date

Mark E. Courtney, Reg. No. 30,491

PATENT REEL: 9474 FRAME: 0372

TI-24780

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 its principal office at 13500 North Central Expressway, Dallas, Texas 75265, 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, 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 processes and assigns are 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	METHOD AND APPARATUS FOR WIRE BONDED PACKAGE FOR INTEGRATED CIRCUITS
SIGNATURE OF INVENTOR AND NAME	John W. Orcutt
DATE	MAY08'98
RESIDENCE (City, County, State)	Richardson Dallas Texas
DATE APPLICATION EXECUTED	MAY 08 98

After recording return Assignment to:

RECORDED: 09/15/1998

Wade James Brady III Texas Instruments Incorporated P.O. Box 655474, M/S 219 Dallas, TX 75265

> PATENT REEL: 9474 FRAME: 0373