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U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

10-30-2006

SHEET



TI 39004AA

To the Director of the U.S. Patent and Trademark Office

103328786

at the new address(es) below

10-25-06

1. Name of conveying party(ies)

- 1. Bernhard Lange
- 2. William David Boyd
- 3.
- 4.

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

2. Name and address of receiving party(ies)

(1) Name Texas Instruments Inc.  
 Street Address: P.O. Box 655474; MS 3999  
 City: Dallas State: TX  
 Country: USA Zip: 75265

(2) Name \_\_\_\_\_  
 Street Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_  
 Country: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Additional name(s) and Address(es) attached?  Yes  No

3. Nature of conveyance/Execution Date(s)

Execution Date(s)  
10/9/2006;10/4/2006

- Assignment  Merger
- Security Agreement  Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424 Confirmatory License
- Other \_\_\_\_\_

4. Application or patent number(s):

A. Patent Application No.(s)

Serial No. 11/552,803  
filed 10/25/2006

This document is being filed together with a new application.

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached?  Yes  No

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

Name: Sam Tung  
 Internal Address: \_\_\_\_\_  
 Company: Texas Instruments Inc.  
 Address: P.O. Box 655474; MS 3999  
 City: Dallas  
 State: TX Zip: 75265  
 Phone Number: (972) 917-5355  
 Fax Number: (972) 917-4118  
 Email Address: y-tung2@ti.com

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 1.21(h) & 3.41) \$40.00  
 Authorized to be charged by credit card  
 Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers \_\_\_\_\_  
 Expiration Date: \_\_\_\_\_  
 b. Deposit Account Number: 20-0668  
 Authorized User Name: Sam Tung

9. Signature

Ronald Corbett

Signature

10/25/2006

Date

Ronald J. Corbett

Name of Person Signing

Total number of Pages including Cover sheet, attachments and documents

00000042 P0668 11/52803 40.00 DA

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

OCT 25 2006

ATTORNEY DOCKET NO.  
TI-39004AA

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, having a place of business at 7839 Churchill Way, MS 3999, Dallas, Texas 75251, P.O. Box 655474, MS 3999, 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 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 my hand and seal this day and year;

| TITLE OF INVENTION             | AN INTEGRATED CIRCUIT PACKAGE AND METHOD OF MANUFACTURE THEREOF |  |     |
|--------------------------------|---|--|-----|
| SIGNATURE OF INVENTOR AND NAME | (1)<br><i>Bernhard Lange</i><br>Bernhard Lange                  | (2)<br><i>William David Floyd</i><br>William David Floyd | (3) |
| DATE                           | 10/9/06   | 10/9/06  |     |
| RESIDENCE (City, State)        | Biemerstrasse 32<br>85354 Freising, Germany                     | 3553 Navarro Way<br>Frisco, Texas 75034                  |     |
| DATE APPLICATION EXECUTED      | 10/9/06   | 10/9/06  |     |

After recordation, please return Assignment to:

Sam Tung  
Texas Instruments Incorporated  
P.O. Box 655474, M/S 3999  
Dallas, TX 75265