

05-26-2004

FORM PTO-1595  
(Rev. 6-93)

SHEET

U.S. Department of Commerce

OMB No. 0651-0041 (exp. 4/94)

Patent and Trademark Office



102753064

To the Honorable Commissioner of Patents and Trademarks: Please receive the attached original document or copy thereof.

1. Name of conveying party(ies):  
**Minchang Liang; Yow-Juang W. Liu**  
 Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Execution Date: **May 11, 2004; May 11, 2004**

2. Name and address of receiving party(ies):  
 Name: **Altera Corporation**  
 Internal Address:  
 Street Address: **101 Innovation Drive**  
 City: **San Jose** State: **CA** Zip: **95134**

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

22782 U.S. PTO  
 10/849074  
 051904

4. Application number(s) or registration number(s):  
 If this document is being filed together with a new application, the execution date of the application is: **May 11, 2004; May 11, 2004**

A. Patent Application No.(s):  
 .  
 .

B. Patent No.(s):  
**10849074**

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
 Name: **Maximilian R. Peterson**  
**O'KEEFE, EGAN & PETERMAN**  
**1101 Capital of Texas Highway South**  
**Building C, Suite 200**  
 City: **Austin** State: **Texas** Zip: **78746**

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. 3.41)----- \$ 40.00  
 Enclosed  
 Authorized to be charged to deposit account if check insufficient or inadvertently omitted

8. Deposit account number:  
10-1205/ALTR:035  
 (Attach duplicate copy of this page if paying by deposit account)

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.*

Maximilian R. Peterson  5/19/04  
 Name of Person Signing Signature Date  
 Reg. No. 46,469

Total number of pages including cover sheet, attachments and documents: 3

NUMBER: **EV302900305US**  
 I hereby certify that this paper or fee is being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service, postage prepaid, under 37 CFR 1.10 on the date indicated above and is address to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313.

5/19/04  
 Signature Date

05/25/2004 ECOOPER 00000173 10849074  
 01 FC:0021 40.00 DP

## ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

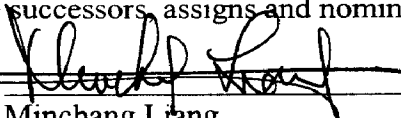
SELL, ASSIGN AND TRANSFER to ALTERA CORPORATION (the "Assignee"), being incorporated under the laws of the State of Delaware, having a place of business 101 Innovation Drive, San Jose, CA 95134, the entire right, title and interest for the United States and all foreign countries in and to (1) any and all improvements which are disclosed in the application for United States Letters Patent, and is entitled "Apparatus And Methods For Multi-Gate Silicon-On-Insulator Transistors" (2) such application and all divisional, continuing, continuation-in-part, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; and (3) any and all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such applications in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

(Signature):   
Minchang Liang

Date: 5-11-2004

(Signature): \_\_\_\_\_  
Yow-Juang W. Liu

Date: \_\_\_\_\_

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AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

(Signature): \_\_\_\_\_ Date: \_\_\_\_\_  
Minchang Liang

(Signature):  \_\_\_\_\_ Date: 5/11/04  
Yow-Juang W. Liu