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Attorney Docket Number 060889-5036

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112805 U.S. PTO  
11/289341



112805

11-28-05

1. Name of conveying party(ies):  
**Shuxian Chen and Jeffrey T. Watt**  
Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies):  
Name: **Altera Corporation**  
Address: **101 Innovation Drive  
San Jose, CA 95134**  
Country (if other than USA):

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

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: November 28, 2005  
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:  
**Customer No. 048591  
Morgan, Lewis & Bockius LLP  
1111 Pennsylvania Avenue, N.W.  
Washington, D.C. 20004**

6. Number of applications and patents involved: **1**  
7. Total fee (37 CFR 3.41):.....\$ **40.00**  
 Please charge to the deposit account listed in Section 8.  
8. Deposit account number: **50-0310**  
(Attach duplicate copy of this page if paying by deposit account)

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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.*  
Francis E. Morris      24,615      *Francis E Morris*      November 28, 2004  
Name of Person Signing      Reg. No.      Signature      Date

Total number of pages including cover sheet, attachments, documents, and duplicate cover sheet for Deposit Account: **3**

Mail documents to be recorded with required cover sheet information to address above

12/07/2005 DBYRNE 00000118 500310 11289341  
01 FC:8021 40.00 DA  
1-NY/1976111.1

PATENT  
REEL: 017310 FRAME: 0573

JOINT

ASSIGNMENT

WHEREAS, WE, SHUXIAN CHEN, citizen of the United States, residing in Fremont, California; and JEFFREY T. WATT, citizen of the United States, residing in Palo Alto, California, ASSIGNORS, are the inventors of the invention in MUTLI-SEGMENT CAPACITOR and for which an application for a Patent of the United States

- was executed on  even date herewith or
- is identified by Morgan, Lewis & Bockius LLP Docket No. 60889-5036-US
- was filed on \_\_\_\_\_, Application No. \_\_\_\_\_

I hereby authorize and request my attorney, Francis E. Morris, of Morgan, Lewis & Bockius LLP, to insert here in parentheses (Application No., \_\_\_\_\_ filed \_\_\_\_\_) the filing date and application number of said application when known.

and WHEREAS, Altera Corporation, ASSIGNEE, having a place of business at 101 Innovation Drive, San Jose, CA 95134, is desirous of obtaining my entire right, title, and interest in, to, and under said invention and said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer, and set over, unto said ASSIGNEE, its successors, legal representatives, and assigns, our entire right, title, and interest in, to, and under said invention, and said United States application and all divisions, renewals, and continuations thereof, and all Patents of the United States that may be granted thereon, and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs that may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates, and designs that may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals, and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to said ASSIGNEE, its successors, legal representatives, and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to said ASSIGNEE, its successors, legal representatives, and assigns, any facts known to us respecting said invention; testify in any legal proceeding; sign all lawful papers; execute all divisional, continuing, reissue, and foreign applications; make all rightful oaths, and generally do everything possible to aid said ASSIGNEE, its successors, legal representatives, and assigns to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date 11/28, 2005 Shuxian Chen L.S.  
SHUXIAN CHEN

Date Nov. 28, 2005 Jeffrey T. Watt L.S.  
JEFFREY T. WATT

Last updated 11/05