

Attorney Docket No. 015114-079710US

Form PTO-1595 (Rev. 08/05)  
OMB No. 0651-0027 (exp. 6/30/2008)

U.S. DEPARTMENT OF COMMERCE  
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**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

Sergey Yuryevich Shumarayev

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

**2. Name and address of receiving party(ies)**

Name: ALTERA CORPORATION

Internal Address: A02016C1

Street Address: 101 INNOVATION DRIVE

City: SAN JOSE

State: CA

Country: US Zip: 95134

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

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) 10/3/2005

- 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):**

This document is being filed together with a new application.

A. Patent Application No.(s)  
11/954,925

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: TOWNSEND AND TOWNSEND AND CREW LLP

Internal Address: \_\_\_\_\_

Street Address: Two Embarcadero Center  
8th floor

City: San Francisco

State: CA Zip: 94111

Phone Number: (415) 576-0200

Fax Number: (415) 576-0300

Email Address: docket@townsend.com

**6. Total number of applications and patents involved:** one (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 20-1430

Authorized User Name Townsend and Townsend and Crew LLP

**9. Signature:** \_\_\_\_\_ /David B. Raczkowski/

December 13, 2007

Signature

Date

David B. Raczkowski, Reg. No. 52,145

Name of Person Signing

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

**Two (2)**

CH \$40.00 201430 11954925

Attorney Docket No.: 015114-079700US  
Client Reference No.: A2016

**ASSIGNMENT OF PATENT APPLICATION**

SOLE

WHEREAS, Sergey Yuryevich Shumarayev of 2238 Rocky Point Ct., San Leandro, CA 94579, hereinafter referred to as "Assignor," is the inventor of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: PROGRAMMABLE LOGIC ENABLED DYNAMIC  
OFFSET CANCELLATION

Date(s) of execution of Declaration:

Filing Date:

Application No.: ; and

WHEREAS, Altera Corporation, a corporation of the state of Delaware, located at 101 Innovation Drive, San Jose, CA 95134, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has assigned, and by these presents does assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignor had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees that Assignor will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignor hereby authorizes and requests Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignor has signed his/her name on the date indicated.

Dated: 10/03/05

  
Sergey Yuryevich Shumarayev

Atty Docket No. 015114-079710US

PTO FAX NO.: 1-571-273-0140

ATTENTION: Assignment Branch

Group Art Unit

**OFFICIAL COMMUNICATION  
FOR THE PERSONAL ATTENTION OF  
ASSIGNMENT BRANCH**

**CERTIFICATION OF FACSIMILE TRANSMISSION**

I hereby certify that the following documents in re Application of Sergey Yuryevich Shumarayev, Application No. 11/954,925, filed December 12, 2007, for PROGRAMMABLE LOGIC ENABLED DYNAMIC OFFSET CANCELLATION are being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Documents Attached

- 1. Recordation Form Cover Sheet-1 Page
- 2. Executed Assignment-1 Page

Number of pages being transmitted, including this page: 3

Dated: December 13, 2007



\_\_\_\_\_  
Sally C. Kambic-Zumba

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RETURN FACSIMILE AT (415) 576-0300***

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