

Attorney Docket No. 015114-076800US

Form PTO-1595 (Rev. 03/05)
OMB No. 0651-0027 (exp. 6/30/2005)U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office**"CORRECTIVE" 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)

Sanjay K. Charagulla

Additional name(s) of conveying party(ies) attached? ☒ Yes ☐ No**3. Nature of conveyance/Execution Date(s):**Execution Date(s) 1/20/05; 01/26/05; 01/25/05;
01/25/05; 01/26/05

- ☐ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☒ Other Document ID No: 700229877A
 "Corrective" to show the name of additional
 conveying parties in the attached document.

2. Name and address of receiving party(ies)Name: Altera Corporation

Internal Address: _____

Street Address: 101 Innovation DriveCity: San JoseState: CACountry: USA Zip: 95134Additional name(s) & address(es) attached? ☐ Yes ☒ No**4. Application or patent number(s):**

A. Patent Application No.(s)

11/046,007

☐ 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: J. Matthew Zigmant

Internal Address: _____

TOWNSEND AND TOWNSEND AND CREW LLPStreet Address: Two Embarcadero Center,
Eighth FloorCity: San FranciscoState: California Zip: 94111-3834Phone Number: (415) 576-0200Fax Number: (415) 576-0300Email Address: jnz@townsend.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 Informationa. Credit Card Last 4 numbers _____
Expiration Date _____b. Deposit Account Number 20-1430Authorized User Name Townsend andTownsend and Crew LLP**9. Signature:**

J. Matthew Zigmant

Name of Person Signing

Atty. Reg. No. 44,005

February 17, 2006

Date

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

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Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, VA 22313-1450**PATENT**

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Form PTO-1595
Recordation Form Cover Sheet
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Page 2

1. Additional name(s) of conveying party(ies):
(Continued from Page 1)

Chiakang Sung
Joseph Huang
Bonnie I. Wang
Yan Chong

2. Additional name(s) and address(es) of receiving party(ies):
(Continued from Page 1)

3. Additional application number(s) or patent number(s):
(Continued from Page 1)

A. Patent Application No.(s)

B. Patent No.(s)

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

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- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: Altera Corporation

Internal Address: _____

Street Address: 101 Innovation Drive

City: San Jose

State: CA

Country: USA Zip: 95134

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

4. Application or patent number(s):

A. Patent Application No.(s)

11/046,007

☐ 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: J. Matthew Zigmant

Internal Address: _____

TOWNSEND AND TOWNSEND AND CREW LLP

Street Address: Two Embarcadero Center,
Eighth Floor

City: San Francisco

State: California Zip: 94111-3834

Phone Number: (415) 576-0200

Fax Number: (415) 576-0300

Email Address: jmz@townsend.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

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Authorized User Name Townsend and

Townsend and Crew LLP

9. Signature:

Signature
J. Matthew Zigmant

Name of Person Signing

Atty. Reg. No. 44,005

December 8, 2005

Date

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

5

Documents to be recorded (including cover sheet) should be filed to (703) 205-8998, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

Attorney Docket No.: 015144-07680GJS
Client Reference No.: A1688

ASSIGNMENT OF PATENT APPLICATION**JOINT**

WHEREAS, Sanjay K. Chavregulla of 3283 Britany Ct., San Jose, CA 95135; Chienfang Sung of 7005 Skyline Drive, Milpitas, CA 95035; Joseph Huang of 1231 Briarleaf Cr., San Jose, CA 95131; Benmale L. Wang of 10371 Prune Tree Lane, Cupertino, CA 95014; and Yan Cheong of 3342 La Costa Way, San Jose, CA 95135, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: DQS POSTAMBLE FILTERING

Date(s) of execution of Declaration: 01/20/05; 01/26/05; 01/25/05; 01/26/05
01/25/05

Filing Date: 01/28/05

Application No.: 11/046,007 ; and

WHEREAS, Alterra Corporation, a corporation of the state of Delaware, located at 191 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 Assignors, Assignors have assigned, and by these presents do 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 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 Assignors 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.

Assignors further agree that they 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 patent 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.

Assignors hereby authorize and request 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.

Assignment
Attorney Docket No.: 015114-076800US
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IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 01/20/05

Sanjay K. Charsgulla
Sanjay K. Charsgulla

Dated: 1/26/05

Chiahsang Sung
Chiahsang Sung

Dated: 1/25/05

Joseph Hwang
Joseph Hwang

Dated: 1/25/05

Bonnie I. Wang
Bonnie I. Wang

Dated: 1/26/05

Yan Chong
Yan Chong

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