

07-10-2003

ey Docket No. 015114-065600US



Form PTO-1595 (Rev. 10-02) OMB No. 0651-0027 (exp. 5/31/2002) 6-25-03 Rec

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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof

1. Name of conveying party(ies): Brian D. Johnson  
Additional name(s) of conveying party(ies) attached?  Yes  No.

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) and address(es) attached?  Yes  No

14749 U.S. PTO 10/603888 06/25/03

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other:  
Execution Date: June 10, 2003; June 11, 2003; June 12, 2003; June 18, 2003; June 24, 2003

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: June 10, 2003; June 11, 2003; June 12, 2003; June 18, 2003; June 24, 2003  
A. Patent Application No(s): 10, 603888  
B. Patent No(s):  
Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: Jonathan M. Hollander  
TOWNSEND AND TOWNSEND AND CREW LLP  
Two Embarcadero Center, 8<sup>th</sup> Floor  
San Francisco, California 94111-3834  
(415) 576-0200

6. Total number of applications and patents involved 1  
7. Total fee (37 CFR 3.41): -----\$40.00  
 Enclosed  
 Authorized to be charged to deposit account  
8. Deposit account number: 20-1430  
(Attach duplicate copy of this page if paying by deposit account)

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01 FC10021 40.00 DA

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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.*  
Jonathan M. Hollander  
Name of Person Signing  
Atty. Reg. No. 48,717  
  
Signature  
June 25, 2003  
Date

Total number of pages including cover sheet, attachments and documents: 4  
Mail documents to be recorded with required cover sheet information to:  
Mail Stop Assignment Recordation Services  
Director of the U.S. Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

PATENT REEL: 014243 FRAME: 0563

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

Keith Duwel  
Mario Guzman  
Christopher F. Lane  
Andy L. Lee

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)

**ASSIGNMENT OF PATENT APPLICATION**

JOINT

WHEREAS, Brian D. Johnson of 1311 Kingfisher Way #2, Sunnyvale, CA 94087; Keith Duwel of 112 University Avenue, Apartment #2, Los Gatos, CA 95030; Mario Guzman of 4691 Albany Circle, #137, San Jose, CA 95129; Christopher F. Lane of 3133 Stevens Court, San Jose, CA 95148; Andy Lee of 1227 Briarleaf Circle, San Jose, CA 95131 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: I/O CONFIGURATION AND RECONFIGURATION  
TRIGGER THROUGH TESTING INTERFACE

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;

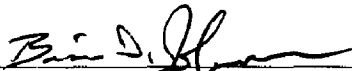
For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial 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.

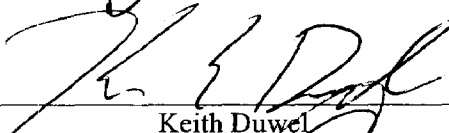
Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8<sup>th</sup> Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.


Dated: 6/18/03

  
\_\_\_\_\_  
Brian D. Johnson

Dated: 6/24/03

  
\_\_\_\_\_  
Keith Duwel

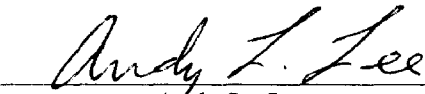
Dated: 6/12/2003

  
\_\_\_\_\_  
Mario Guzman

Dated: 6/10/2003

  
\_\_\_\_\_  
Christopher F. Lane

Dated: 6/11/03

  
\_\_\_\_\_  
Andy L. Lee

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Attorney Docket No.: 015114-065600US  
Client Reference No.: A883/A884

## ASSIGNMENT OF PATENT APPLICATION

JOINT

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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.

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PATENT  
REEL: 014243 FRAME: 0567

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Assignment  
Attorney Docket No.: 015114-065600US  
Page 2

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 6/18/03

  
\_\_\_\_\_  
Brian D. Johnson

Dated: 6/24/03

  
\_\_\_\_\_  
Keith Duwel

Dated: 6/12/2003

  
\_\_\_\_\_  
Mario Guzman

Dated: 6/10/2003

  
\_\_\_\_\_  
Christopher F. Lane

Dated: 6/11/03

  
\_\_\_\_\_  
Andy L. Lee

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