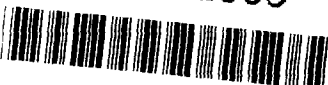


11-04-2005

orney Docket No. 15114H-081800US

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



103113773  
PATENT

HEET

11/29/05 U.S. PAT. 11/262120

102805

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

50-28-07

**1. Name of conveying party(ies)**  
Andrew Draper, Paul Riley, Iain Scott  
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

**3. Nature of conveyance/Execution Date(s):**  
Execution Date(s) 10/26/05  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

City: San Jose  
State: CA  
Country: US Zip: 95134  
Additional name(s) & address(es) attached?  Yes  No

**4. Application or patent number(s):**  
A. Patent Application No.(s)  
B. Patent No.(s)  
Additional numbers attached?  Yes  No

This document is being filed together with a new application.  
Additional numbers attached?  Yes  No

11/03/2005 DBYRNE 00000202 201430 11262120  
01 FC:802 40.00 BA

**5. Name and address to whom correspondence concerning document should be mailed:**  
Name: Babak S. Sani  
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: deb@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 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:** Babak S. Sani  
Signature  
Name of Person Signing Babak S. Sani  
Atty. Reg. No. 37,495

October 28, 2005  
Date  
Total number of pages including cover sheet, attachments, and documents: 4

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, VA 22313-1450

Attorney Docket No. 15114H-081800US  
Client Reference No.: A20287 P103785US00

**ASSIGNMENT OF PATENT APPLICATION**

WHEREAS: *Andrew DRAPER of 19 Queens Road, Chesham, Buckinghamshire HP5 3AE, United Kingdom*, 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: **EMBEDDED PROCESSOR OPERATING SYSTEM**

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 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 he 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.

IN TESTIMONY WHEREOF, Assignor has signed his names on the dates indicated.

Dated: 26 OCT 2005

  
\_\_\_\_\_  
Andrew DRAPER

Attorney Docket No. 15114H-081800US  
Client Reference No.: A2028 / P103785US00

**ASSIGNMENT OF PATENT APPLICATION**

WHEREAS: *Paul RILEY of 117 High Street, Burnham, Buckinghamshire SL1 7JZ, United Kingdom*, 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: **EMBEDDED PROCESSOR OPERATING SYSTEM**

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 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 he 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.

IN TESTIMONY WHEREOF, Assignor has signed his name on the dates indicated.

Dated: 26 OCT 05

  
\_\_\_\_\_  
Paul RILEY

Attorney Docket No. 15114H-081800US  
Client Reference No.: A2028 / P103785US00

**ASSIGNMENT OF PATENT APPLICATION**

**WHEREAS: Iain SCOTT of 35 Mill Street, Eynsham, Witney, Oxon OX29 4JX, United Kingdom, 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: **EMBEDDED PROCESSOR OPERATING SYSTEM**

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 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 he 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.

IN TESTIMONY WHEREOF, Assignor has signed his names on the dates indicated.

Dated: 26 Oct 2005

I. Scott  
Iain SCOTT