

Attorney Docket No. 15114H-085300US

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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)

Michael Fitton
Kulwinder Dhanoa
Michael Meta

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

Country: US Zip: 95134

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

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

Execution Date(s) 11/27/06, 11/29/06

- 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)
11/588,099

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Babak S. Sani

Internal Address: _____

TOWNSEND AND TOWNSEND AND CREW LLP

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Eighth Floor

City: San Francisco

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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
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- 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:


Signature

December 19, 2006
Date

Babak S. Sani

Name of Person Signing

Atty. Reg. No. 37,495

Total number of pages including cover sheet, attachments, and documents: 2

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
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PATENT

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Attorney Docket No. 15114H-085300US :
Client Reference No.: A02304/P105441US00

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, *Michael FITTON, of 41 Bawdale Road, East Dulwich, London SE22 9DL, United Kingdom, Kulwinder DHANO, of 4 Keppel Spur, Old Windsor, Windsor, Berkshire SL4 2LU, United Kingdom; and Mehul MEHTA, of 53 Narromine Drive, Calcot, Reading RG31 7ZL, United Kingdom,* 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: RANGING CODE DETECTION

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.

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

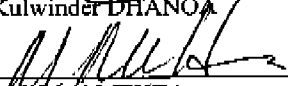
Dated: 27-11-06


Michael FITTON

Dated: 27-11-06


Kulwinder DHANO

Dated: 29-11-06


Mehul MEHTA