

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>David W. Mendel</td> <td>03/29/2012</td> </tr> <tr> <td>Marwan A. Khalaf</td> <td>04/03/2012</td> </tr> <tr> <td>Renxin Xia</td> <td>04/02/2012</td> </tr> </tbody> </table>	Name	Execution Date	David W. Mendel	03/29/2012	Marwan A. Khalaf	04/03/2012	Renxin Xia	04/02/2012	
Name	Execution Date								
David W. Mendel	03/29/2012								
Marwan A. Khalaf	04/03/2012								
Renxin Xia	04/02/2012								
RECEIVING PARTY DATA									
Name:	Altera Corporation								
Street Address:	101 Innovation Drive								
City:	San Jose								
State/Country:	CALIFORNIA								
Postal Code:	95134								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13369218</td> </tr> </tbody> </table>	Property Type	Number	Application Number:	13369218					
Property Type	Number								
Application Number:	13369218								
CORRESPONDENCE DATA									
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Phone:	510-663-1100								
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
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Address Line 1:	PO Box 70250								
Address Line 4:	Oakland, CALIFORNIA 94612-0250								
ATTORNEY DOCKET NUMBER:	ALTRP280/A03570								
NAME OF SUBMITTER:	Michelle Heymann								
Total Attachments: 2 source=A03570_ALTRP280_Executed_Assignment#page1.tif source=A03570_ALTRP280_Executed_Assignment#page2.tif									

CH \$40.00 13369218

ASSIGNMENT OF PATENT APPLICATION

Whereas I, an undersigned inventor, have invented certain new and useful improvements as set forth in the patent application entitled: METHOD AND SYSTEM FOR PARTIAL RECONFIGURATION SIMULATION (Atty. Docket No. ALTRP280/A03570), and

(1) are about to make an application for United States Letters Patent therefor, the same having been executed by us on even date herewith

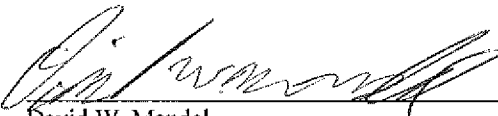
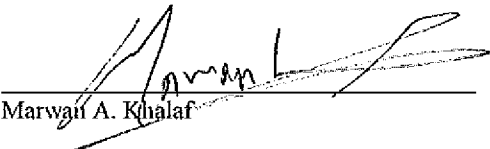
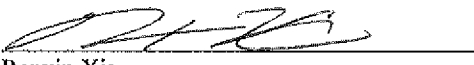
OR

(2) have made an application for United States Letters Patent therefor, the same having been filed on February 8, 2012, under Application No. 13/369,218, in connection with which we hereby authorize and request the assignee's attorneys associated with Customer Number 51501 to insert within the foregoing parentheses the filing date and Application No. of said application when known;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I an undersigned inventor hereby:

- 1) Sell, assign and transfer to Altera Corporation, a Delaware corporation having a place of business at 101 Innovation Drive, San Jose, California 95134 ("ASSIGNEE"), the entire right, title and interest in any and all improvements and inventions disclosed in, applications based upon, and patents (including foreign patents and the right to claim priority) granted upon, the above-referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representative, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the date indicated beside my signature.

- 1) Signature:  Date: 3/21/12
Typed Name: David W. Mendel
- 2) Signature:  Date: 4/3/2012
Typed Name: Marwan A. Khalaf
- 3) Signature:  Date: 4/2/12
Typed Name: Renxin Xia