

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>David Cashman</td> <td>06/28/2010</td> </tr> <tr> <td>David Lewis</td> <td>06/17/2010</td> </tr> <tr> <td>Lu Zhou</td> <td>06/16/2010</td> </tr> </tbody> </table>		Name	Execution Date	David Cashman	06/28/2010	David Lewis	06/17/2010	Lu Zhou	06/16/2010		
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RECEIVING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Altera Corporation</td> </tr> <tr> <td>Street Address:</td> <td>101 Innovation Drive</td> </tr> <tr> <td>City:</td> <td>San Jose</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>95134</td> </tr> </table>		Name:	Altera Corporation	Street Address:	101 Innovation Drive	City:	San Jose	State/Country:	CALIFORNIA	Postal Code:	95134
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: (510)663-0920</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 510-663-1100</p> <p>Email: mheyman@wavsip.com</p> <p>Correspondent Name: WEAVER AUSTIN VILLENEUVE & SAMPSON LLP -</p> <p>Address Line 1: P.O. BOX 70250</p> <p>Address Line 4: OAKLAND, CALIFORNIA 94612-0250</p>											
ATTORNEY DOCKET NUMBER:	ALTRP261/A03342										
NAME OF SUBMITTER:	Michelle Heymann										
<p>Total Attachments: 3</p> <p>source=ALTRP261_Assignment#page1.tif</p> <p>source=ALTRP261_Assignment#page2.tif</p>											

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PATENT
REEL: 024634 FRAME: 0020

ASSIGNMENT OF PATENT APPLICATION

Whereas I, an undersigned inventor, have invented certain new and useful improvements as set forth in the patent application entitled: **METHODS AND SYSTEMS FOR MANAGING A WRITE OPERATION** (Atty. Docket No. ALTRP261/A03342), 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 () under Application No. (), 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: 
Typed Name: David Cashman

Date: June 28, 2010

ALTRP261/A03342

2)

Signature:

Typed Name:


David Lewis

Date:

June 17/2010

3)

Signature:

Typed Name:

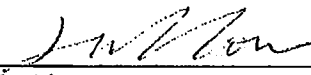
Lu Zhou

Date:

ALTRP261/A03342

2) Signature: _____
Typed Name: David Lewis

Date: _____

3) Signature:  _____
Typed Name: Lu Zhou

Date: 6/16/10