

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>11/29/2011</td> </tr> <tr> <td>Gregg William Baeckler</td> <td>11/29/2011</td> </tr> </tbody> </table>		Name	Execution Date	David W. Mendel	11/29/2011	Gregg William Baeckler	11/29/2011
Name	Execution Date						
David W. Mendel	11/29/2011						
Gregg William Baeckler	11/29/2011						
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>13310628</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13310628		
Property Type	Number						
Application Number:	13310628						
CORRESPONDENCE DATA							
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ATTORNEY DOCKET NUMBER:	A66691 10450 ALTEP252						
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Total Attachments: 1 source=ALTEP252_executed_assignment_w_app_date#page1.tif							

CH \$40.00 13310628

ASSIGNMENT OF PATENT APPLICATION

Whereas we the undersigned inventors have invented certain new and useful improvements as set forth in the patent application entitled:

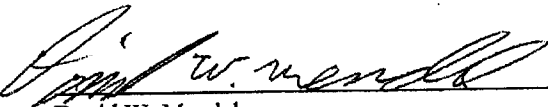
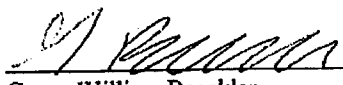
DISTRIBUTED BURST ERROR PROTECTION

(Atty. Docket No. ALTEP252/A03580 for which we have executed an application for a United States Letters Patent.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we the undersigned inventors hereby:

- 1) Sell, assign and transfer to Altera Corporation, a Delaware corporation having a place of business at 101 Innovation Drive San Jose, CA 95134, (hereinafter referred to as "ASSIGNEE"), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in 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(s), continuation(s), substitutes(s) or reissue(s) 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 and 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(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.
- 6) Authorize and request the assignee's attorneys associated with Customer No. 45640 to insert here in parentheses (Application number 13/310,628 filed December 2, 2011) the filing date and application number of said application when known.

Signed on the dates indicated beside our signatures.

- 1) Signature: 
Typed Name: David W. Mendel Date: 11/29/11
- 2) Signature: 
Typed Name: Gregg William Baeckler Date: 11/29/11

Attorney Docket No. ALTEP252/A03580