

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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 Mendel</td> <td>10/23/2012</td> </tr> <tr> <td>Gregg W. Baeckler</td> <td>10/23/2012</td> </tr> </tbody> </table>		Name	Execution Date	David Mendel	10/23/2012	Gregg W. Baeckler	10/23/2012				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>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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CORRESPONDENCE DATA											
<p>Fax Number: 5123824405 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 512-382-4404 Email: USPTO@PETERSONIPLAW.COM Correspondent Name: LAW OFFICES OF MAXIMILIAN R. PETERSON Address Line 1: P.O. BOX 93005 Address Line 4: AUSTIN, TEXAS 78709-3005</p>											
ATTORNEY DOCKET NUMBER:	ALTR099										
NAME OF SUBMITTER:	Maximilian R. Peterson										
<p>Total Attachments: 1 source=ALTR099-assignment#page1.tif</p>											

OP \$40.00 13661313

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

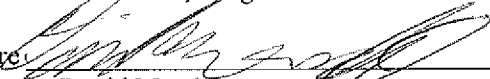
SELL, ASSIGN AND TRANSFER to Altera Corporation (the "Assignee"), being incorporated under the laws of the State of Delaware, having a place of business at 101 Innovation Drive, San Jose, California 95134, USA, the entire right, title and interest, including any and all damages, for the United States and all foreign countries in and to (1) any and all improvements which are disclosed in the application for United States Letters Patent, entitled 'APPARATUS FOR IMPROVED ENCODING AND ASSOCIATED METHODS' (2) such application and all divisional, continuing, continuation-in-part, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; and (3) any and all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such applications in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Signature:  Date: 10/23/12
David Mendel

Signature:  Date: 10/23/12
Gregg W. Baeckler