

PATENT ASSIGNMENT

Electronic Version v1.1

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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 Lewis</td><td>04/22/2008</td></tr><tr><td>Jeffrey Christopher Chromczak</td><td>04/23/2008</td></tr></tbody></table>		Name	Execution Date	David Lewis	04/22/2008	Jeffrey Christopher Chromczak	04/23/2008
Name	Execution Date						
David Lewis	04/22/2008						
Jeffrey Christopher Chromczak	04/23/2008						
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>12111142</td></tr></tbody></table>		Property Type	Number	Application Number:	12111142		
Property Type	Number						
Application Number:	12111142						
CORRESPONDENCE DATA							
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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ATTORNEY DOCKET NUMBER:	A02986						
NAME OF SUBMITTER:	G. Victor Treyz						
Total Attachments: 2 source=A02986_assignment#page1.tif source=A02986_assignment#page2.tif							

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REEL: 020868 FRAME: 0912

A S S I G N M E N T

WHEREAS, We, David Lewis and Jeffrey Christopher Chromczak, residing respectively at 188 Howland Avenue, Toronto, Ontario, M5R 3B6 Canada and 123251 Pressey Road, Brownsville, Ontario, N0L 1C0 Canada, have made an invention entitled:

FLEXIBLE ADDER CIRCUITS WITH  
FAST CARRY CHAIN CIRCUITRY

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

WHEREAS, ALTERA CORPORATION, a corporation organized and existing under the laws of the State of Delaware and having an address of 101 Innovation Drive, San Jose, California 95134, is desirous of acquiring the entire interest in said invention, said United States patent application and in any Letters Patent which may issue thereon;

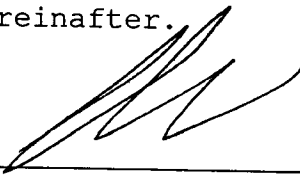
NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) paid, and other good and valuable consideration, the receipt of and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto the said ALTERA CORPORATION, its successors, assigns and legal representatives, all right, title and interest in and to said invention and any improvements thereon for all countries of the world, and in and to said United States patent application, including any continuations, continuations-in-part and divisions thereof,

and any substitute applications therefor, and including the right to claim priority under the International Convention based on said patent application, and any patent which may issue thereon, and any reissues of the same; and all right, title and interest in and to every patent application filed or to be filed on said invention in any other country, including renewals, revivals, continuations and divisions thereof, and any substitute applications therefor, and any and all patents which may issue thereon, and any reissues and extensions of the same;

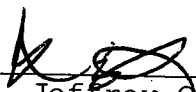
and we hereby authorize and request competent authorities to grant and issue any and all patents on said invention to the said ALTERA CORPORATION as the assignee of the entire interest therein; and we further agree to execute upon request of the assignee such additional documents, if any, as are necessary and proper to secure patent protection on said invention throughout all countries of the world, and to otherwise give full effect to and perfect the rights of the assignee under this Assignment.

IN TESTIMONY WHEREOF, we have hereunto signed our names on the dates indicated hereinafter.

Apr 22/08  
Date

  
David Lewis

April 23, 2008  
Date

  
Jeffrey Christopher  
Chromczak