

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
David Lewis		04/16/2007
David Cashman		04/16/2007
RECEIVING PARTY DATA		
Name:	ALTERA CORPORATION	
Street Address:	101 INNOVATION DRIVE	
City:	SAN JOSE	
State/Country:	CALIFORNIA	
Postal Code:	95134	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	11739055	
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ATTORNEY DOCKET NUMBER:	ALTRP227X1/A02694CIP	
NAME OF SUBMITTER:	James W. Rose	
Total Attachments: 1 source=Assignment#page1.tif		

CH \$40.00 11739055

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PATENT
REEL: 019196 FRAME: 0555

ASSIGNMENT OF PATENT APPLICATION

Whereas, I, an undersigned inventor have invented certain new and useful improvements as set forth in the patent application entitled:

A PROGRAMMABLE LOGIC DEVICE HAVING REDUNDANCY WITH LOGIC ELEMENT GRANULARITY


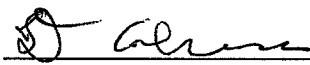
(Atty. Docket No. ALTRP227X1/A02694CIP), (check one)

- ☒ for which I have executed a U.S. patent application on even date herewith. (Accompanying)
☐ which bears U.S. application No.
☐ which is a U.S. provisional application. (Accompanying)

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.
- 6) Authorize and request my attorney/agent to insert above the application No. in order to assist with recordal of this assignment.

Signed on the date indicated beside my signature.

- 1) Signature: 
Typed Name: David Lewis
- 2) Signature: 
Typed Name: David Cashman

Date: Apr 16 / 07

Date: Apr. 16, 2007