

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Steven Caranci	01/08/2009
Alexander Grbic	01/09/2009
Mark A. Teper	01/09/2009
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:	12354580
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NAME OF SUBMITTER:	Cindy H. Shu
Total Attachments: 1 source=ALTRP250_Assignment#page1.tif	

CH \$40.00 12354580

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PATENT
REEL: 022120 FRAME: 0658

ASSIGNMENT OF PATENT APPLICATION

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

GRAPHICAL BLOCK-BASED DESIGN EXPLORATION TOOL

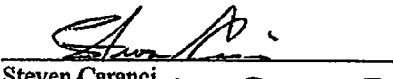

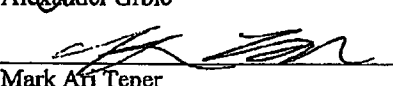
(Atty. Docket No. ALTRP250/A03055), (check one)

- ☒ 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:  | Date: <u>8 January 2009</u> |
| | Typed Name: Steven Caranci | |
| 2) | Signature:  | Date: <u>9 January 2009</u> |
| | Typed Name: Alexander Grbic | |
| 3) | Signature:  | Date: <u>9 January 2009</u> |
| | Typed Name: Mark Alf Teper | |

Revised 06/01, Assign US or Foreign No Notary