

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
<b>CONVEYING PARTY DATA</b>															
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Syamsul Hani Hasran</td> <td>06/23/2010</td> </tr> <tr> <td>Ian Eu Meng Chan</td> <td>06/14/2010</td> </tr> <tr> <td>Wai Loon Ho</td> <td>06/14/2010</td> </tr> <tr> <td>Lee Shyuan Heng</td> <td>06/14/2010</td> </tr> <tr> <td>Min Meng Loo</td> <td>06/14/2010</td> </tr> <tr> <td>Mohd Yusuf Abdul Hamid</td> <td>06/14/2010</td> </tr> </tbody> </table>		Name	Execution Date	Syamsul Hani Hasran	06/23/2010	Ian Eu Meng Chan	06/14/2010	Wai Loon Ho	06/14/2010	Lee Shyuan Heng	06/14/2010	Min Meng Loo	06/14/2010	Mohd Yusuf Abdul Hamid	06/14/2010
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<b>RECEIVING PARTY DATA</b>															
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">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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<b>CORRESPONDENCE DATA</b>															
<p>Fax Number: (408)749-6901</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 4087496900</p> <p>Email: sue@mpiplaw.com</p> <p>Correspondent Name: Martine Penilla &amp; Gencarella, LLP/MLG</p> <p>Address Line 1: 710 Lakeway Drive</p> <p>Address Line 2: Suite 200</p> <p>Address Line 4: Sunnyvale, CALIFORNIA 94085</p>															
ATTORNEY DOCKET NUMBER:	ALTEP235														

CH \$40.00 12794647

**501264850**

**PATENT**  
**REEL: 024849 FRAME: 0453**

NAME OF SUBMITTER:

Michael L. Gencarella, Esq.

**Total Attachments: 3**

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## ASSIGNMENT OF PATENT APPLICATION

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

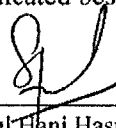
### BLOCK EMULATION TECHNIQUES IN INTEGRATED CIRCUITS

(Atty. Docket No. ALTEP235/A03401 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 Number 45640 to insert here in parentheses (Application number 12/794,647 filed June 4, 2010) the filing date and application number of said application when known.

Signed on the dates indicated beside our signatures.

- |    |  |                            |
|----|--|----------------------------|
| 1) | Signature:  | Date: <u>June 23, 2010</u> |
|    | Typed Name: Syamsul Hani Hasran  |                            |
| 2) | Signature: _____   | Date: _____                |
|    | Typed Name: Ian Eu Meng Chan   |                            |
| 3) | Signature: _____   | Date: _____                |
|    | Typed Name: Wai Loon Ho  |                            |

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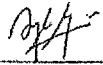
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
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| 1) | Signature: _____<br>Typed Name: Syamsul Hani Hasran | Date: _____               |
| 2) | Signature: _____<br>Typed Name: Ian Eu Meng Chan    | Date: <u>14 June 2010</u> |
| 3) | Signature: _____<br>Typed Name: Wai Loon Ho         | Date: <u>14 June 2010</u> |

4) Signature:   
Typed Name: Lee Shyuan Heng

Date: 14 June 2010

5) Signature:   
Typed Name: Min Meng Loo

Date: 14 June 2010

6) Signature:   
Typed Name: Mohd Yusuf Abdul Hamid

Date: 14 JUNE 2010