

PATENT ASSIGNMENT

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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>Chin Ghee Ch'ng</td> <td>03/06/2013</td> </tr> <tr> <td>Wei Yee Koay</td> <td>03/06/2013</td> </tr> <tr> <td>Eu Geen Chew</td> <td>03/06/2013</td> </tr> </tbody> </table>		Name	Execution Date	Chin Ghee Ch'ng	03/06/2013	Wei Yee Koay	03/06/2013	Eu Geen Chew	03/06/2013
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Chin Ghee Ch'ng	03/06/2013								
Wei Yee Koay	03/06/2013								
Eu Geen Chew	03/06/2013								
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>13796859</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13796859				
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Application Number:	13796859								
CORRESPONDENCE DATA									
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NAME OF SUBMITTER:	Kajsa Soss								
Total Attachments: 3 source=A04088_Assignment#page1.tif source=A04088_Assignment#page2.tif source=A04088_Assignment#page3.tif									

OP \$40.00 13796859

A S S I G N M E N T

WHEREAS, We, Chin Ghee Ch'ng, Wei Yee Koay, and Eu Geen Chew, residing respectively in Gelugor, Pulau Pinang, Bayan Lepas, Pulau Pinang, and Batu Maung, Pulau Penang, have made an invention entitled:

METHODS AND APPARATUS FOR PERFORMING BOOSTED BIT LINE
PRECHARGE

and

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

OR

(2) have made an application for United States Letters Patent therefor, the same having been filed on () under Application No. (), in connection with which we hereby authorize and request the assignee's attorneys associated with Customer Number 45851 to insert within the foregoing parentheses the filing date and Application No. of said application when known; and

WHEREAS, ALTERA CORPORATION, a corporation organized and existing under the laws of the State of California 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

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other good and valuable consideration, the receipt 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.

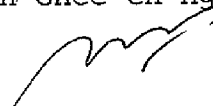
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IN TESTIMONY WHEREOF, we have hereunto signed our names on the dates indicated hereinafter.


6/march/2013
Date


Chin Ghee Ch'ng

6/march/2013
Date


Wei Yee Koay

6/March/2013
Date


Eu Geen Chew