

2/16/06

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PATENTS ONE.

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies):</p> <p style="text-align: center;">Jayabrata Gosh Dastidar</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other _____</p> <p>Execution Date: 2/16/06</p>	<p>2. Name and address of receiving party(ies)</p> <p>Name: <u>Altera Corporation</u></p> <p>Internal Address: _____</p> <p>_____</p> <p>Street Address: <u>101 Innovation Drive</u></p> <p>_____</p> <p>City: <u>San Jose</u> State: <u>CA</u> Zip: <u>94301</u></p> <p>Additional name(s) &amp; address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: 2/16/06

A. Patent Application No.(s)	B. Patent No.(s)
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Additional numbers attached? ☐ Yes ☒ No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>G. Victor Treyz, Esq.</u></p> <p>Internal Address: _____</p> <p>_____</p> <p>Street Address: <u>870 Market Street, Suite 984</u></p> <p>_____</p> <p>City: <u>San Francisco</u> State: <u>CA</u> Zip: <u>94102</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41).....\$ <u>40.00</u></p> <p><input checked="" type="checkbox"/> Enclosed</p> <p><input checked="" type="checkbox"/> Authorized to be charged to deposit account (underpayments or credit overpayments)</p> <p>8. Deposit account number:</p> <p style="text-align: center;"><u>502942</u></p> <p>(Attach duplicate copy of this page if paying by deposit account)</p>
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9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

G. Victor Treyz, Reg. No. 36, 294

Name of Person Signing		<u>2/16/06</u>
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PATENT  
REEL: 017602 FRAME: 0557

A S S I G N M E N T

WHEREAS, I, Jayabrata Ghosh Dastidar, residing at 305 Elan Village Lane, Apt. 224, San Jose, California, 95134, have made an invention entitled:

METHOD AND APPARATUS FOR BIT MAPPING MEMORIES IN  
PROGRAMMABLE LOGIC DEVICE INTEGRATED CIRCUITS DURING  
AT-SPEED TESTING

and am about to make an application for United States Letters Patent therefor, the same having been executed by me 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 and sufficiency of which is hereby acknowledged, I 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 I 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 I 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, I have hereunto signed my name on the date indicated hereinafter.

02/16/06

Date

Jayabrata Ghosh Dastidar  
Jayabrata Ghosh Dastidar