

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Sang NGUYEN</td> <td>06/13/2012</td> </tr> <tr> <td>Hagop NAZARIAN</td> <td>06/13/2012</td> </tr> </tbody> </table>		Name	Execution Date	Sang NGUYEN	06/13/2012	Hagop NAZARIAN	06/13/2012				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Crossbar, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>3200 Patrick Henry Drive, Suite 110</td> </tr> <tr> <td>City:</td> <td>Santa Clara</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>95054</td> </tr> </table>		Name:	Crossbar, Inc.	Street Address:	3200 Patrick Henry Drive, Suite 110	City:	Santa Clara	State/Country:	CALIFORNIA	Postal Code:	95054
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PROPERTY NUMBERS Total: 1											
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Application Number:	13481696										
CORRESPONDENCE DATA											
Fax Number:	(425)968-9795										
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ATTORNEY DOCKET NUMBER:	936SP-007300US										
NAME OF SUBMITTER:	Steve Y. Cho										
Total Attachments: 1 source=2012_06_19_ASSGMT_936SP-007300US#page1.tif											

OP \$40.00 13481696

Attorney Docket No.: 936SP-007300US
 Client Reference No.: N/A

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, the below named individual, hereinafter referred to as "ASSIGNOR," is the inventor of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: HIGH OPERATING SPEED RESISTIVE
 RANDOM ACCESS MEMORY

Filing Date: May 25, 2012

Application No.: 13/481,696

WHEREAS, Crossbar Inc., located at 3200 Patrick Henry Drive, Suite 110, Santa Clara, CA 95054 hereinafter referred to as "ASSIGNEE," is desirous of acquiring Assignor's interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all right, title and interest in and to the said invention and application including any corresponding foreign application, and in and to any Letters Patent which may hereafter be granted on the same in the United States and any corresponding foreign application, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees that he or she will, without charge to Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignor hereby authorizes and requests AMPACC Law Group, PLLC, 6100 219th Street SW, Suite 580, Mountlake Terrace, WA 98043, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignor has signed his/her name on the date indicated.

6/13/2012
 Date:


 Name: Sang NGUYEN

6/13/2012
 Date:


 Name: Hagop NAZARIAN