

**PATENT ASSIGNMENT**

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Scott Brad HERNER	10/21/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Crossbar, Inc.
<b>Street Address:</b>	3200 Patrick Henry Drive, Suite 110
<b>City:</b>	Santa Clara
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95054
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12861650
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(425)968-9795
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	425-348-3500
<b>Email:</b>	docketing@ampacc.com
<b>Correspondent Name:</b>	AMPACC LAW GROUP
<b>Address Line 1:</b>	3500 188th St. SW
<b>Address Line 2:</b>	Suite 103
<b>Address Line 4:</b>	Lynnwood, WASHINGTON 98037
<b>ATTORNEY DOCKET NUMBER:</b>	173AA-001800US
<b>NAME OF SUBMITTER:</b>	Steve Y. Cho
<b>Total Attachments: 1</b> source=2010_10_25_ASSGMT_173AA-001800US#page1.tif	

OP \$40.00 12861650

**ASSIGNMENT OF PATENT APPLICATION**

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

Title of Invention: STACKABLE NON-VOLATILE RESISTIVE SWITCHING MEMORY DEVICE AND METHOD

Filing Date: August 23, 2010

Application No.: 12/861,650

WHEREAS, Crossbar, Inc. of 3200 Patrick Henry Drive, Suite 110, Santa Clara, California, 95054, United States, hereinafter referred to as "ASSIGNEE," is desirous of acquiring ASSIGNORS' 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 Assignors, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Assignees, and Assignees' successors and assigns, all their right, title and interest in and to the said invention and application, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said interest to be held and enjoyed by said Assignees as fully and exclusively as it would have been held and enjoyed by said Assignors 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.

Assignors further agree that they 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.

Assignors hereby authorize and request at AMPACC Law Group, 3500 188th Street SW, STE 103, Lynnwood, Washington 98037, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

10/21/2010  
Date

Scott Brad Herner  
Name: Scott Brad HERNER