

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3721111

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SUNG HYUN JO	02/12/2015
XIANLIANG LIU	02/12/2015
XU ZHAO	02/12/2015
ZEYING REN	02/12/2015
FNU ATIQUZZAMAN	02/12/2015
JOANNA BETTINGER	02/12/2015
FENGCHIAO JOYCE LIN	02/12/2015
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15012530
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NAME OF SUBMITTER:	MATTHEW F. CLAPPER
SIGNATURE:	/Matthew F. Clapper/

DATE SIGNED:	02/01/2016
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Total Attachments: 4

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PATENT ASSIGNMENT

WE, Sung Hyun Jo, Xianliang Liu, Xu Zhao, Zeying Ren, FNU Atiquzzaman, Joanna Bettinger, and Fengchiao Joyce Lin ("ASSIGNORS"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "RESISTIVE MEMORY CELL WITH INTRINSIC CURRENT CONTROL" ("APPLICATION"), which:

- will be filed without this executed PATENT ASSIGNMENT. ASSIGNORS hereby authorize, and request, ASSIGNEE'S legal representatives, of Amin, Turocy & Watson, LLP, 127 Public Square, 57th Floor, Key Tower, Cleveland, Ohio 44114, who are associated with customer number 23623, to insert here in parenthesis (U.S. Serial No. _____, filed _____) this APPLICATION'S U.S. Serial Number and filing date, when known;
- was filed on 2/3/2015 and was given U.S. Serial No. 62/111,383;
- is filed concurrently herewith;

Crossbar, Inc., a California Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNORS, the ASSIGNORS hereby sell, assign and transfer to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

2/12/2015

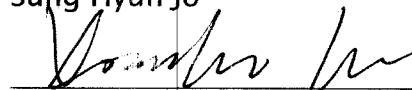
DATE



Sung Hyun Jo

2/12/2015

DATE



Xianliang Liu

2/12/2015

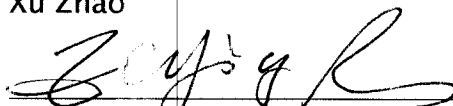
DATE



Xu Zhao

2/12/2015

DATE



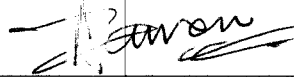
Zeying Ren

PATENT

REF: 007000 FRAME: 0077

02/12/2015

DATE



FNU Atiquzzaman

DATE

Joanna Bettinger

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FNU Atiquzzaman

DocuSigned by:
Joanna Bettinger

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Joanna Bettinger

Fengchiao Joyce Lin

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2/12/2015

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Fengchiao Joyce Lin