503356860 06/18/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MEHDI ASNAASHARI	06/17/2015

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14743658

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NAME OF SUBMITTER:	MATTHEW F. CLAPPER
SIGNATURE:	/Matthew F. Clapper/
DATE SIGNED:	06/18/2015

Total Attachments: 1

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PATENT 503356860 REEL: 035863 FRAME: 0449

PATENT ASSIGNMENT

I, Mehdi Asnaashari ("ASSIGNOR"), have invented subject matter
("INVENTION") disclosed and/or claimed in a provisional patent application entitled
"WEAR LEVELING AND IMPROVED EFFICIENCY FOR A NON-VOLATILE MEMORY DEVICE"
("APPLICATION"), which:
will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby
authorizes, and requests, 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 and was given U.S. Serial No;
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 ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to
the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and
the APPLICATION (and APPLICATION DERIVATIVES);
ASSIGNOR agrees 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).
1 12 2015 MIN 1 0
6-17-2015 Mehan Hinashan

Mehdi Asnaashari

DATE

RECORDED: 06/18/2015

PATENT REEL: 035863 FRAME: 0450