## 502497389 09/16/2013

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

# **CONVEYING PARTY DATA**

Name	Execution Date
Frank EDELHAEUSER	06/14/2013

## RECEIVING PARTY DATA

Name:	Crossbar, Inc.	
Street Address:	3200 Patrick Henry Drive, Suite 110	
City:	Santa Clara	
State/Country:	CALIFORNIA	
Postal Code:	95054	

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13935390

## CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	A936SP-009800US
NAME OF SUBMITTER:	Steve Y. Cho
Signature:	/Steve Y. Cho/
Date:	09/16/2013

## Total Attachments: 2

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> PATENT REEL: 031216 FRAME: 0440

OF \$40.00 13935390

Attorney Docket No.: A936SP-009800US

# DECLARATION AND ASSIGNMENT OF PATENT APPLICATION

As a below named inventor, I hereby declare that:

This declaration is directed to the application attached hereto, or if not attached hereto, the below-identified application:

Title of Invention:

HARDWARE ASSISTED META DATA LOOKUP

Filing Date:

July 3, 2013

Application No.:

13/935,390

Attorney Docket No.: A936SP-009800US

The application was made or authorized to be made by me;

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application;

I have reviewed and understand the contents of the application, including the claims;

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 C.F.R. § 1.56; and

I hereby acknowledge that any willful false statements made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

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

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 their 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 to, 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.

> **PATENT** REEL: 031216 FRAME: 0441

Declaration and Assignment Attorney Docket No.: A936SP-009800US Page 2

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

IN TESTIMONY WHEREOF, the below named inventor and Assignor has signed on the date indicated.

6/14/2013 Date:

Inventor's Name: Frank EDELHAEUSER