

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
VARUN SRIVASTAVA	10/01/2014
YIYE RUAN	09/30/2014
YAN ZHENG	09/29/2014
RECEIVING PARTY DATA	
Name:	WAL-MART STORES, INC.
Street Address:	702 SW 8TH STREET
City:	BENTONVILLE
State/Country:	ARKANSAS
Postal Code:	72716
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14498170
CORRESPONDENCE DATA	
Fax Number:	(602)364-7070
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	6023647000
Email:	debra.smelser@bryancave.com
Correspondent Name:	BRYAN CAVE LLP
Address Line 1:	TWO NORTH CENTRAL AVENUE, SUITE 2200
Address Line 2:	THOMAS DELROSARIO
Address Line 4:	PHOENIX, ARIZONA 85004-4406
ATTORNEY DOCKET NUMBER:	WMT-14-036US/0353921-US43
NAME OF SUBMITTER:	THOMAS DELROSARIO
SIGNATURE:	/Thomas DelRosario/
DATE SIGNED:	10/10/2014
Total Attachments: 4	
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PATENT	

ASSIGNMENT

In consideration of my agreement with Wal-Mart Stores, Inc., and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, Varun Srivastava, an individual residing in Sunnyvale, CA, and I, Yiye Ruan, an individual residing in Columbus, Ohio, and I, Yan Zheng, an individual residing in San Jose, CA, (collectively, referred to herein as the "ASSIGNOR"), will assign, transfer, set over, convey, and deliver and does hereby assign, transfer, set over, convey, and deliver to Wal-Mart Stores, Inc., a Delaware corporation, having a principal place of business located at 702 SW 8th Street, Bentonville, Arkansas 72716, its successors and assigns (collectively referred to herein as "ASSIGNEE"), all of my right, title, and interest in, to, and under any and all subject matter disclosed and/or claimed in the application(s) for patent, titled:

SYSTEM AND METHOD FOR CALCULATING SEARCH TERM PROBABILITY

filed in the U.S. Patent and Trademark Office on September 26, 2014 and assigned Application No. 14/498,170, a copy of which has been provided to me and I have reviewed; in, to and under the application(s) and any and all utility, design, provisional, non-provisional, continuation, continuation-in-part, continued prosecution, request-for-continued-examination, and divisional applications thereof; in, to, and under, my exclusive right to make and prosecute any and all applications for patents, reissues, renewals, and extensions thereof; in, to, and under any and all patents and Convention and Treaty rights of all kinds, in the United States of America and all other countries throughout the world, for all such subject matter; in, to, and under any and all know-how and/or confidential, proprietary, and/or trade secret information relating to any such subject matter, applications, patents, and/or technology; in, to, and under the right to sue for present, past, and future infringement or misappropriation relating to any such subject matter, applications, patents, and/or technology; in, to, and under the right to enforce any rights and file any causes of action, in law and/or equity, relating to any such subject matter, applications, patents, and/or technology; and in, to, and under the right to all income, royalties, fees, damages, and payments now or hereafter due or payable in respect to any such subject matter, applications, patents, and/or technology. The right, title, and interest is to be held and enjoyed by ASSIGNEE and its successors and assigns as fully and exclusively as it would have been held and enjoyed by ASSIGNOR had this assignment not been made. I request the applicable official having authority to issue patents and/or corresponding rights to issue same on the subject matter of the invention(s) to ASSIGNEE, its successors and assigns, and, if called upon by ASSIGNEE, its successors, assigns, or legal representatives, I agree to promptly sign any and all documents necessary to secure any and all such patents and/or rights and for issuance of same to ASSIGNEE or its successors and assigns.

I covenant with ASSIGNEE, its successors, assigns, and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license, or other encumbrance.

I grant to ASSIGNEE, its successors, assigns, and legal representatives the power to insert on this Assignment any further identification, including the application

numbers and filing dates, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office, and/or any other patent office in any other country throughout the world, for recordation of this document.

I confirm that I have not made any agreement in conflict with this Assignment. I further agree that I will provide information within my knowledge or belief, and do any and all other relevant things that ASSIGNEE, its successors, assigns, or legal representatives deem necessary or desirable and request of me in connection with obtaining and/or maintaining any such patents and/or rights; in connection with any proceeding, controversy, and/or litigation pertaining to any such patents and/or rights; in order to perfect and/or enforce the ownership by ASSIGNEE, its successors and assigns, of the right, title, and interest conveyed by this Assignment; and/or in connection with this Assignment, without payment of consideration to me beyond that called for in my written agreement with ASSIGNEE on the understanding, however, that ASSIGNEE will bear all reasonable expenses actually incurred for or in connection with such matters. This Assignment and the obligations assumed by me shall be binding on my heirs and personal representatives.

Date: 10/01/2014

Varun Srivastava
Varun Srivastava

Date: 09/30/2014

/Yiye Ruan/
Yiye Ruan

Date: 9-29-2014

/Yan Zheng/
Yan Zheng