PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ABHISHEK KUMAR SINGH	03/16/2015

RECEIVING PARTY DATA

Name:	WAL-MART STORES, INC.	
Street Address:	702 SOUTHWEST 8TH STREET	
City:	BENTONVILLE	
State/Country:	ARKANSAS	
Postal Code:	72716	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15055501

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Correspondent Name: MCCARTER & ENGLISH, LLP

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Address Line 2: DAVID R. BURNS

Address Line 4: BOSTON, MASSACHUSETTS 02110

ATTORNEY DOCKET NUMBER:	114826-59102	
NAME OF SUBMITTER:	DAVID R. BURNS, REG. NO. 46,590	
SIGNATURE:	/David R. Burns/	
DATE SIGNED:	02/29/2016	

Total Attachments: 2

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PATENT 503714368 REEL: 037853 FRAME: 0615

ASSIGNMENT

I, for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign, which confirms any previous assignment by me or by operation of law, to Walmart Stores, Inc., a Delaware corporation, having its principal place of business at 702 Southwest 8th Street Bentonville, AR 72716, United States of America ("Assignee"), its successors, assigns, and legal representatives, the entire right, title, and interest, in and to all subject matter and improvements invented, made, or conceived by me and described in the application for patent entitled

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relating to the patent family of Walmart Reference No. 315US01; having Patent Application Number 61/121,795, filed February 27, 2015, and in and to all patent and all patent convention and treaty rights of all kinds, including the right to claim priority from said application, and all rights in and to any utility model, continuation, continuation-in-part, and divisional application therefrom, and any reissue or re-examination as to any patent issuing therefrom, in all countries throughout the world, for all such subject matter described therein, including all rights of action and rights to recover damages for past infringements.

I agree that on request and without further consideration, I will communicate to the Assignee or its representatives or nominees any facts known to me respecting the inventions and improvements and testify in any legal proceeding, make all rightful oaths, sign all lawful papers, and execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights in all countries including, but not limited to, any provisional, non-provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, for any derivation proceedings relating thereto, and, as to any patents that issue from such applications, for any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, inter partes review, or extension thereof, and generally do everything possible to aid the Assignee, its successors, assigns, and nominees to obtain and enforce proper patent protection for the invention and its improvements in all countries.

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Legal Name of Inventor: (Given names first, Family name last)	Abhishek Kumar Singh	
Inventor's Signature:	Davis	
Date:	MARCH 16,2015	
Inventor's Address:	4412 West Meadow Oaks Drive Rogers, Arkansas 72758 United States of America	
Executed in my presence on this	wn to me to be the person named in this assignment.	
Luyah S. Joppelle	Niray	
First Witness (Signature)	Second Witness (Signature)	
SUYASH KOTPALLDWAR	and the second s	
First Witness Name (Typed or Printed)	Second Witness Name (Typed or Printed)	