

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4965726

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BRUCE W. WILKINSON	10/17/2016
DAVID WINKLE	10/17/2016
MATTHEW ALLEN JONES	10/17/2016
AARON JAMES VASGAARD	10/20/2016
NICHOLAUS ADAM JONES	10/26/2016
ROBERT JAMES TAYLOR	10/17/2016
TODD DAVENPORT MATTINGLY	04/30/2018
RECEIVING PARTY DATA	
Name:	WAL-MART STORES, INC.
Street Address:	702 SOUTHWEST 8TH STREET
City:	BENTONVILLE
State/Country:	ARKANSAS
Postal Code:	72716-0520
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15782074
CORRESPONDENCE DATA	
Fax Number:	(617)607-9200
<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:	617-449-6500
Email:	mreben@mccarter.com
Correspondent Name:	MCCARTER & ENGLISH, LLP BOSTON
Address Line 1:	DAVID BURNS
Address Line 2:	265 FRANKLIN STREET
Address Line 4:	BOSTON, MASSACHUSETTS 02110
ATTORNEY DOCKET NUMBER:	114826-86802
NAME OF SUBMITTER:	NAVEED HASAN
SIGNATURE:	/Naveed Hasan/
DATE SIGNED:	05/17/2018

PATENT

Total Attachments: 9

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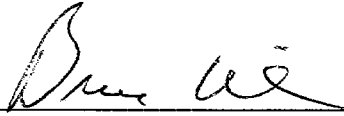
ASSIGNMENT

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. 1620US01; having Patent Application Number 62/408,660, filed October 14, 2016, 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.

Legal Name of Inventor: (Given names first, Family name last)	Bruce W. Wilkinson
Inventor's Signature:	
Date:	10/17/16
Inventor's Address:	3808 Brooks Ridge Rogers, Arkansas 72758 United States of America

Legal Name of Inventor:
(Given names first, Family name last)

David Winkle

Inventor's Signature:

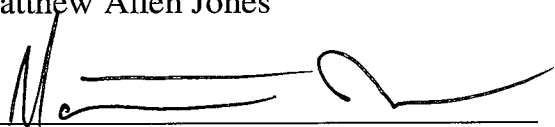
David C. Winkle

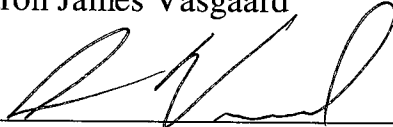
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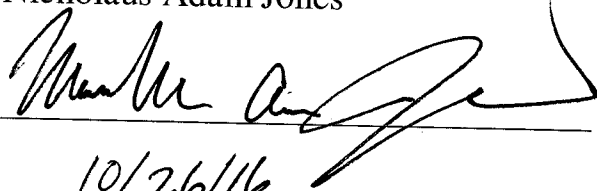
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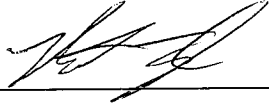
Inventor's Address:

15 Rochdale Drive
Bella Vista, Arkansas 72714
United States of America

Legal Name of Inventor: (Given names first, Family name last)	Matthew Allen Jones
Inventor's Signature:	
Date:	10/17/16
Inventor's Address:	3803 Southwest Flatrock Avenue Bentonville, Arkansas 72712 United States of America

Legal Name of Inventor: (Given names first, Family name last)	Aaron James Vasgaard
Inventor's Signature:	
Date:	10/20/14
Inventor's Address:	2395 North Majestic Drive Fayetteville, Arkansas 72704 United States of America

Legal Name of Inventor: (Given names first, Family name last)	Nicholaus Adam Jones
Inventor's Signature:	
Date:	10/26/16
Inventor's Address:	10702 South Whitehouse Road Fayetteville, Arkansas 72701 United States of America

Legal Name of Inventor: <i>(Given names first, Family name last)</i>	Robert James Taylor
Inventor's Signature:	
Date:	10-17-16
Inventor's Address:	1735 South 41st Street Rogers, Arkansas 72758 United States of America

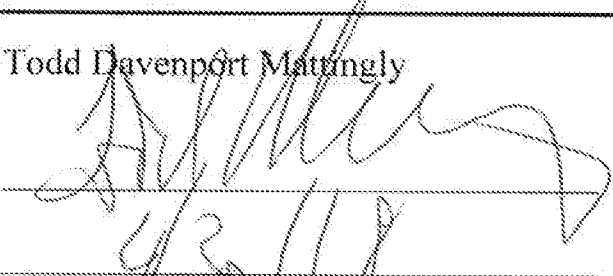
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Effective as of January 30, 2018, I, for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign, which confirms any previous assignment by me or by operation of law, to Wal-Mart Stores, Inc., a 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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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.

Legal Name of Inventor: <i>(Given names first, Family name last)</i>	Todd Davenport Mattingly
Inventor's Signature:	
Date:	4/3/18
Inventor's Address:	4402 Northeast Green Creek Cove Bentonville, Arkansas 72712 United States of America