

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4517242

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
STEPHEN TYLER CAUTION	07/28/2016
TRICIA MCPHERSON HICKS	07/22/2016
LORI LEE WISE	07/25/2016
DOUGLAS JAHE RYNER	07/26/2016
JOSHUA DAVID OSMON	09/12/2016
JACLYN MOREDA	07/25/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	WAL-MART STORES, INC.
<b>Street Address:</b>	702 SOUTHWEST 8TH STREET
<b>City:</b>	BENTONVILLE
<b>State/Country:</b>	ARKANSAS
<b>Postal Code:</b>	72716
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15653580
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(617)607-9200
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<b>Phone:</b>	(617) 449-6500
<b>Email:</b>	ttroup@mccarter.com
<b>Correspondent Name:</b>	MCCARTER & ENGLISH, LLP
<b>Address Line 1:</b>	265 FRANKLIN STREET
<b>Address Line 2:</b>	DAVID R. BURNS
<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02110
<b>ATTORNEY DOCKET NUMBER:</b>	114826-83708
<b>NAME OF SUBMITTER:</b>	DAVID R. BURNS
<b>SIGNATURE:</b>	/David R. Burns/
<b>DATE SIGNED:</b>	07/24/2017

**Total Attachments: 7**

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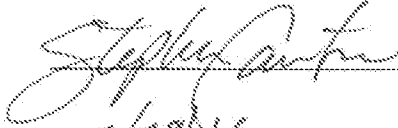

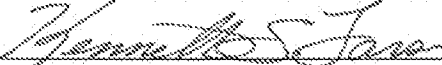
## ASSIGNMENT

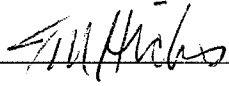
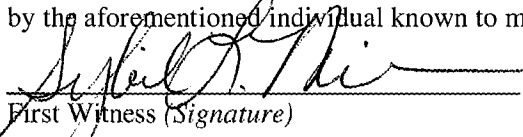
I, for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign, which confirms any previous assignment by me or by operation of law, to Walmart Stores, Inc., a Delaware corporation, having its principal place of business at 702 Southwest 8<sup>th</sup> 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

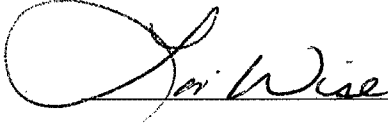
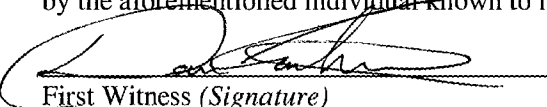
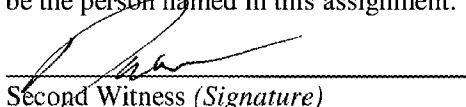
<p>SYSTEMS, DEVICES, AND METHODS FOR GENERATING TERMINAL RESOURCE RECOMMENDATIONS</p>
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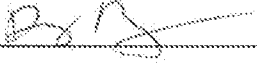
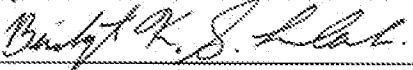
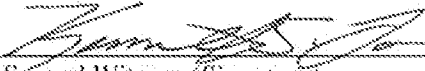
relating to the patent family of Walmart Reference No. 1498US01; having Patent Application Number 62/365,645, filed July 22, 2016, and in and to all patent and all patent convention and treaty rights of all kinds, including the right to claim priority from said application, and all rights in and to any 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.

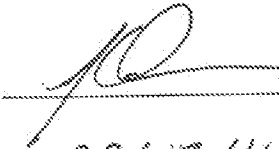
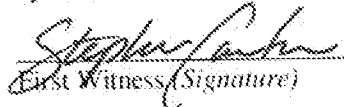

I agree that on request and without further consideration, I will communicate to the Assignee or its representatives or nominees any facts known to me respecting the inventions and improvements and testify in any legal proceeding, make all rightful oaths, sign all lawful papers, and execute all instruments 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: <i>(Given names first, Family name last)</i>	Stephen Tyler Caution
Inventor's Signature:	
Date:	7/28/16
Inventor's Address:	2911 NE 12th Street Bentonville, Arkansas 72712 United States of America
Executed in my presence on this <u>28<sup>th</sup></u> day of <u>July</u> , 2016 by the aforementioned individual known to me to be the person named in this assignment.	
	
First Witness (Signature)	Second Witness (Signature)
Bridget K. S. Lettler	KENNETH S. LARSEN
First Witness Name (Typed or Printed)	Second Witness Name (Typed or Printed)

Legal Name of Inventor: (Given names first, Family name last)	Tricia Mcpherson Hicks
Inventor's Signature:	<u></u>
Date:	<u>July 22, 2016</u>
Inventor's Address:	3801 SW Summerbrook Street Bentonville, Arkansas 72712 United States of America
Executed in my presence on this <u>22</u> day of <u>July</u> , 2016 by the aforementioned individual known to me to be the person named in this assignment.	
<u></u> First Witness (Signature)	<u></u> Second Witness (Signature)
<u>Sybil Miller</u> First Witness Name (Typed or Printed)	<u>Humberto Chavez</u> Second Witness Name (Typed or Printed)

Legal Name of Inventor: (Given names first, Family name last)	Lori Lee Wise
Inventor's Signature:	
Date:	7-25-16
Inventor's Address:	16914 Posy Mt. Road Rogers, Arkansas 72756 United States of America
Executed in my presence on this <u>25</u> day of <u>July</u> , 2016 by the aforementioned individual known to me to be the person named in this assignment.	
 First Witness (Signature)	 Second Witness (Signature)
<u>Darren Carithers</u> First Witness Name (Typed or Printed)	<u>Dawn Biram</u> Second Witness Name (Typed or Printed)

Legal Name of Inventor: <i>(Given names first, Family name last)</i>	Douglas Jahe Ryner
Inventor's Signature:	
Date:	7-26-2016
Inventor's Address:	5204 S 44th Pl. Rogers, Arkansas 72758 United States of America
Executed in my presence on this <u>26</u> day of <u>July</u> , 2016 by the aforementioned individual known to me to be the person named in this assignment.	
 First Witness (Signature)	 Second Witness (Signature)
Bridget K. S. Lettler First Witness Name (Typed or Printed)	KENNETH S. LARSON Second Witness Name (Typed or Printed)

Legal Name of Inventor: <i>(Given names first, Family name last)</i>	Joshua David Osmon
Inventor's Signature:	
Date:	09/12/16
Inventor's Address:	1403 SW Wisteria Avenue Bentonville, Arkansas 72712 United States of America
Executed in my presence on this <u>12</u> day of <u>September</u> , 2016 by the aforementioned individual known to me to be the person named in this assignment.	
 First Witness (Signature)	 Second Witness (Signature)
STEPHEN CAUTION First Witness Name (Typed or Printed)	Doug Ryser Second Witness Name (Typed or Printed)



Legal Name of Inventor: <i>(Given names first, Family name last)</i>	Jaclyn Moreda
Inventor's Signature:	<u>Jaclyn Moreda</u>
Date:	<u>7/25/16</u>
Inventor's Address:	1111 NE Buckingham Blvd Bentonville, Arkansas 72712 United States of America
Executed in my presence on this _____ day of _____, 2016 by the aforementioned individual known to me to be the person named in this assignment.	
<u>Sharon Pitt</u> First Witness (Signature)	<u>Meika Gates</u> Second Witness (Signature)
<u>SHARON PITT</u> First Witness Name (Typed or Printed)	<u>MEIKAGATES</u> Second Witness Name (Typed or Printed)