505513919 06/07/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5560724

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------|----------------|
| ALVIN SCOTT TAULBEE | 04/12/2016 |

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: | 16429884 |

CORRESPONDENCE DATA

Fax Number:

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.

Email: bkowalczuk@mccarter.com

Correspondent Name: DAVID R BURNS

Address Line 1: MCCARTER & ENGLISH LLP
Address Line 2: 265 FRANKLIN STREET

Address Line 4: BOSTON, MASSACHUSETTS 02110

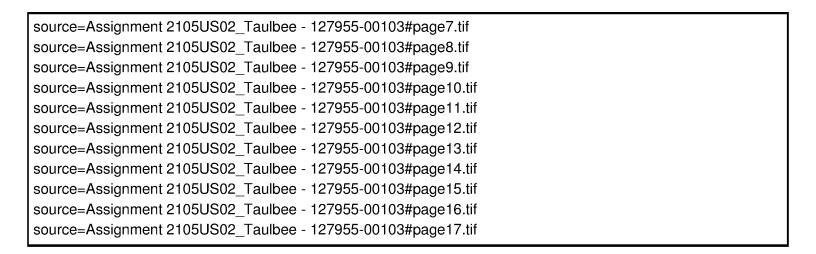
| ATTORNEY DOCKET NUMBER: | 127955-00103 |
|-------------------------|-----------------|
| NAME OF SUBMITTER: | DAVID R BURNS |
| SIGNATURE: | /David R Burns/ |
| DATE SIGNED: | 06/07/2019 |

Total Attachments: 17

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| source=Assignment 2105US02_Taulbee - 127955-00103#page2.tif |
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PATENT REEL: 049401 FRAME: 0637

505513919



Walmart Reference No. 2105US02 Attorney Docket 127955-00102

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 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

METHODS AND SYSTEMS FOR AN ELECTRONIC SHELF LABEL SYSTEM

relating to the patent family of Walmart Reference No. 2105US02; having Patent Application Number

16/003,286, filed June 8, 2018, 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.

Page 1 of 2

| Legal Name of Inventor: (Given names first, Family name last) | Alvin Scott Taulbee |
|---|---|
| Inventor's Signature: | |
| Date: | |
| Inventor's Address: | 2386 Surrey Lane Springdale, Arizona 72762 United States of America |
| | |
| | |

Name of Grantee : TAULBEE, ALVIN S

Grant Date : April 12, 2016

Number of Restricted Stock Units : Implementation of the stock Units is the stock Units of the stock Units is the stock Units of the stock Units of the stock Units is the stock Units of the stock

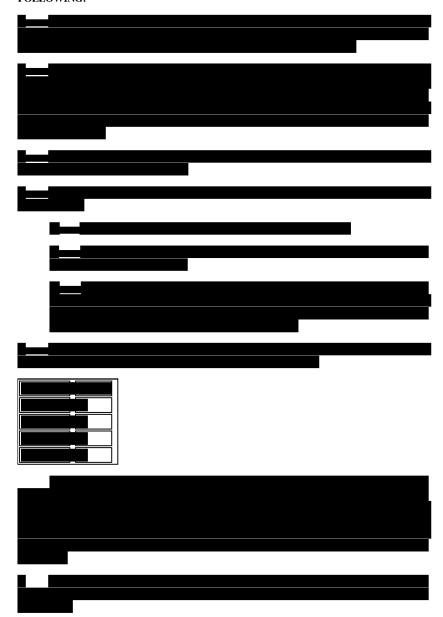
WAL-MART STORES, INC. STOCK INCENTIVE PLAN OF 2015

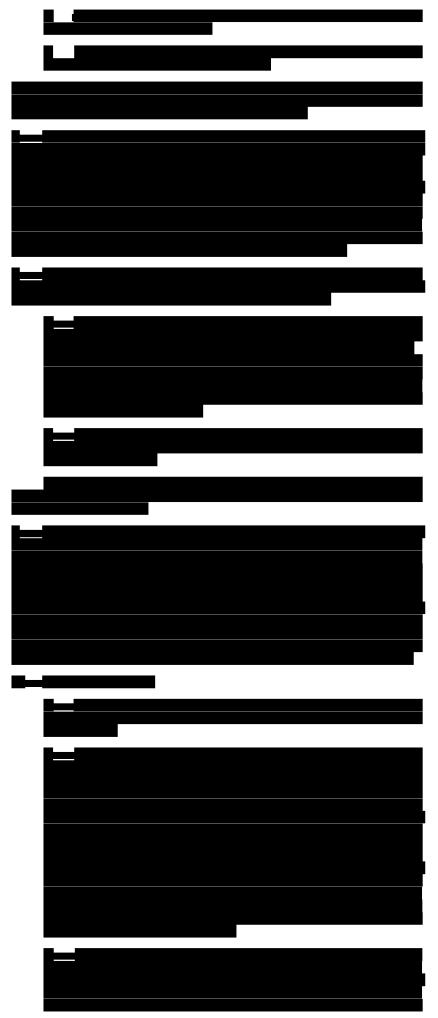
GLOBAL SHARE-SETTLED RESTRICTED STOCK UNIT NOTIFICATION AND TERMS AND CONDITIONS

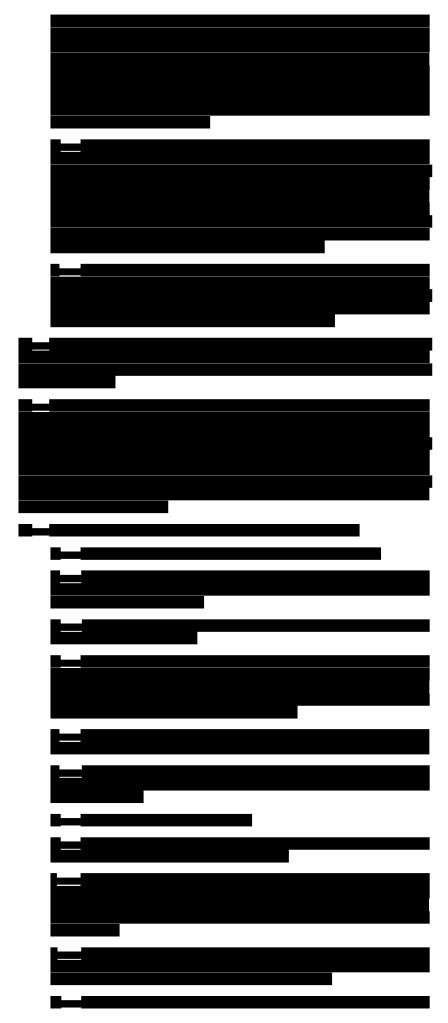
These Global Share-Settled Restricted Stock Unit Notification and Terms and Conditions, including any applicable special terms and conditions for your specific country set forth in the appendix attached hereto (jointly, the Agreement), contain the terms and conditions of the Restricted Stock Units or RSUs (the Plan)) granted to you by Wal-Mart Stores, Inc. (Walmart), a Delaware corporation, under the Plan.

All the terms and conditions of the Plan are incorporated into this Agreement by reference. All capitalized terms used but not defined in this Agreement shall have the meanings ascribed to them in the Plan.

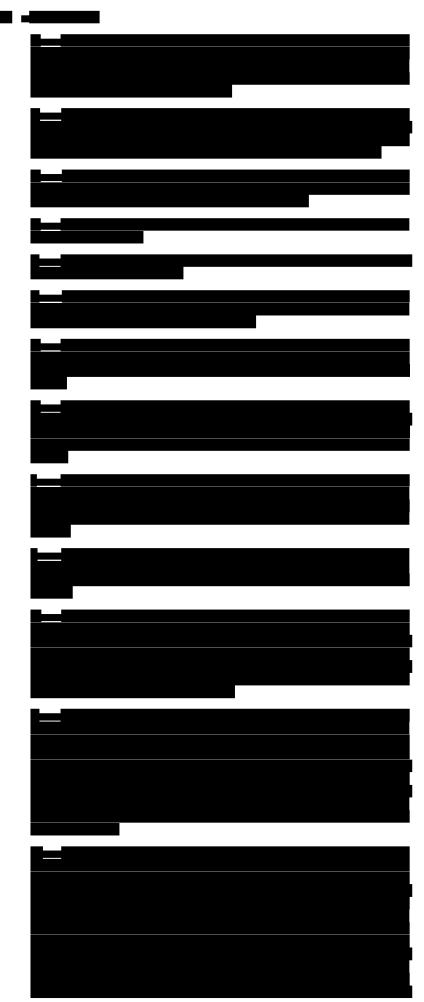
BY SIGNING OR ELECTRONICALLY ACCEPTING THIS AGREEMENT, YOU HEREBY ACKNOWLEDGE, UNDERSTAND, AGREE TO, AND ACCEPT THE FOLLOWING:



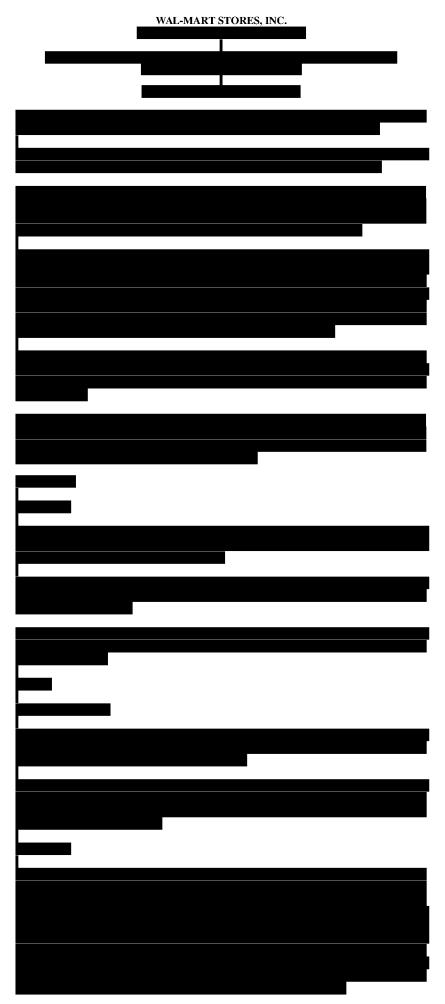






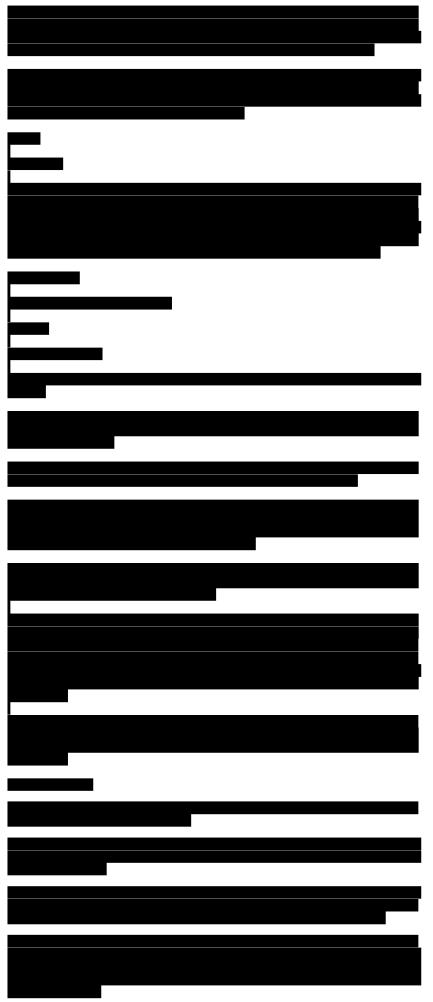


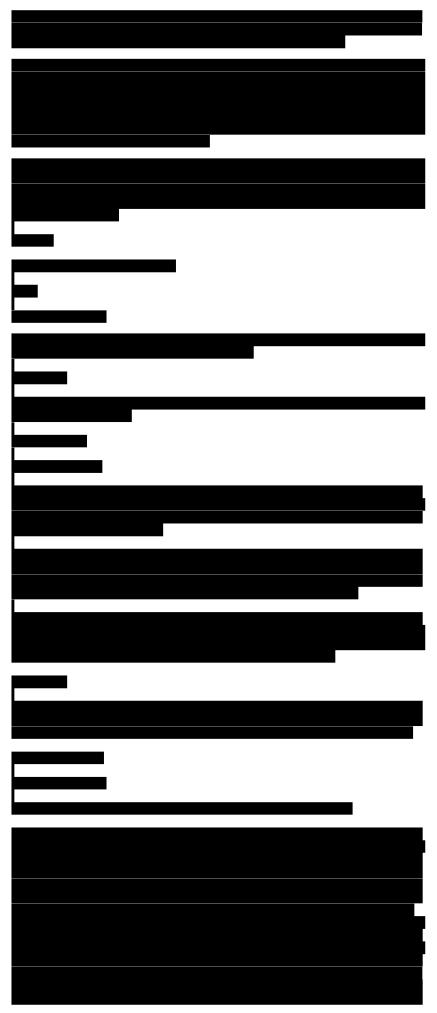










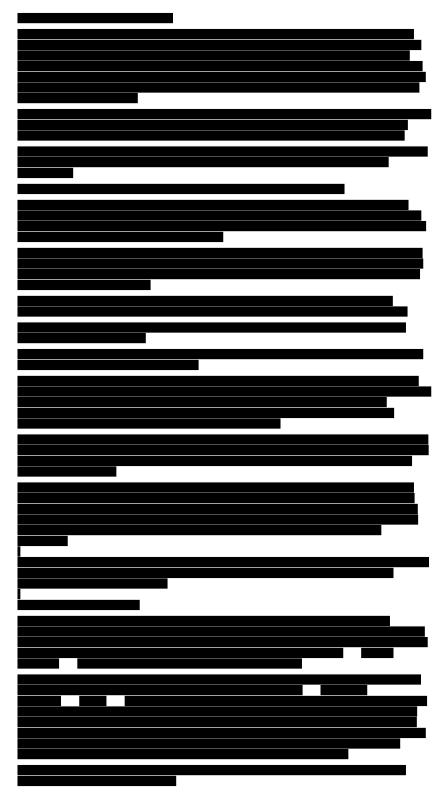




Accepted on April 27, 2016

NON-DISCLOSURE AND RESTRICTED USE AGREEMENT

This Non-Disclosure and Restricted Use Agreement (this Agreement) is made and entered into by and between Wal-Mart Stores, Inc., a Delaware corporation (Walmart), and the individual accepting this Agreement electronically (Associate), with each of Walmart or the Associate identified herein referred to individually as a Party or collectively as the Parties. This Agreement is effective as of the date on which Associate accepts the terms of this Agreement electronically. In consideration of and as a condition to: (i) Associate receiving certain information concerning Walmart; (ii) Associate s continued employment with Walmart; and (iii) the grant of any equity award to Associate by Walmart in Walmart s fiscal year ending January 31, 2017 (fiscal 2017); as well as the mutual promises herein contained, the receipt and sufficiency of which are hereby acknowledged, the Parties hereto, intending legally to be bound, hereby agree as follows:



- IV. Ownership, Assignment, Power of Attorney and Disclosure.
- $1. \ \, \text{Ownership. Associate agrees and acknowledges that all ownership rights in Walmart Information are}$

hereby assigned to Walmart. To the extent that Associate obtains any rights in Walmart Information, such rights are hereby assigned upon creation to Walmart without the need for any further documentation. consideration or payment by Walmart for disclosure, ownership or use. Associate agrees and acknowledges that the rights to any Walmart Intellectual Property, written, conceived, originated, discovered, or developed in whole or in part by Associate (1) during the Associate s period of the employment with Walmart; (2) as a result of any work performed by Associate with Walmart s equipment, supplies, facilities, trade secret information, or other Walmart resources; (3) on Walmart s time, or (4) related to Walmart s existing or contemplated business, shall be the sole and exclusive property of Walmart. Associate hereby assigns to Walmart all right title, and interest Associate may have or acquire in, and to all such Walmart Intellectual Property. Any copyrightable works created in whole or part by Associate with regard to, or comprising, Walmart Information, shall be works-made-for-hire under the applicable copyright laws. To the extent any such Walmart Intellectual Property created for Walmart by Associate or with Associate s assistance is not a work-made-for-hire as defined under the U.S. Copyright Act, Associate hereby assigns and transfers to Walmart all rights, title, and interest Associate has or may acquire to all such works. Associate agrees to sign and deliver to Walmart, either during or subsequent to the term of the Agreement, such other documents as Walmart considers desirable to evidence (a) the assignment of all rights of Associate to Walmart, if any, in any such Walmart Intellectual Property, or (b) Walmart so ownership of any such Walmart Intellectual Property. Associate recognizes that in some jurisdictions, patent laws require that patent applications be filed in the name of the true and actual inventor of the subject matter to be patented. Associate agrees to be named in any such patent applications although actual ownership shall vest in Walmart.

- 2. Power of Attorney. In the event Walmart is unable to secure Associate —s signature on any document necessary to apply for, prosecute, obtain, or enforce any patent, copyright, or other right or protection relating to any innovation or copyrightable work referred to above, Associate irrevocably designates and appoints Walmart and each of its duly authorized officers and agents as Associate —s agent and attorney-in-fact, to act for and on Associate —s behalf, and to execute and file any such document and to do all other lawfully permitted acts to further the prosecution, issuance, and enforcement of patents, copyrights, and other intellectual property rights.
- 3. Disclosure. Associate agrees to promptly disclose in writing to Walmart all discoveries, developments, designs, programs, code, ideas, innovations, improvements, inventions, formulas, processes, techniques, know-how, and data (whether or not patentable or registerable under copyright or similar statutes) made, written, conceived, reduced to practice, or learned by Associate (either alone or jointly with others) during the period of Associate semployment, that are related to or useful in Walmart s business, or that result from tasks assigned to Associate by Walmart or from the use of facilities owned, leased or otherwise acquired by Walmart.



4. By accepting this Agreement electronically, you accept, without limitation or qualification, all of the terms of this Agreement. If you instead choose to decline this Agreement electronically, you will forfeit this equity award.

Accepted on April 27, 2016

PATENT REEL: 049401 FRAME: 0655

RECORDED: 06/07/2019