

<b>PATENT ASSIGNMENT COVER SHEET</b>
--------------------------------------

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3202562

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the STATE previously recorded on Reel 034467 Frame 0122. Assignor(s) hereby confirms the ASSIGNMENT OF ASSIGNORS INTEREST.
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ARASH ASADI-SHAHMIRZADI	12/03/2014
JAGTEJ BEWLI	12/08/2014
ARUN PRASAD NAGARATHINAM	12/03/2014
DAVID WIN	12/03/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	WAL-MART STORES, INC.
<b>Street Address:</b>	702 S.W. 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>
<b>Application Number:</b>	14566452
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(248)645-1568
<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>	
<b>Phone:</b>	248-645-1483
<b>Email:</b>	IPDocket@HowardandHoward.com
<b>Correspondent Name:</b>	HOWARD & HOWARD ATTORNEYS PLLC
<b>Address Line 1:</b>	450 WEST FOURTH STREET
<b>Address Line 4:</b>	ROYAL OAK, MICHIGAN 48067
<b>ATTORNEY DOCKET NUMBER:</b>	068571.00004
<b>NAME OF SUBMITTER:</b>	JAMES R. YEE
<b>SIGNATURE:</b>	/James R. Yee/
<b>DATE SIGNED:</b>	01/28/2015
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 4</b>	

source=CoverSheetandOriginalAssignment#page1.tif  
source=CoverSheetandOriginalAssignment#page2.tif  
source=CoverSheetandOriginalAssignment#page3.tif  
source=CoverSheetandOriginalAssignment#page4.tif

<b>PATENT ASSIGNMENT COVER SHEET</b>
--------------------------------------

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3141824

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ARASH ASADI-SHAHMIRZADI	12/03/2014
JAGTEJ BEWLI	12/08/2014
ARUN PRASAD NAGARATHINAM	12/03/2014
DAVID WIN	12/03/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	WAL-MART STORES, INC.
<b>Street Address:</b>	702 S.W. 8TH STREET
<b>City:</b>	BENTONVILLE
<b>State/Country:</b>	ARIZONA
<b>Postal Code:</b>	72716
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14566452
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(248)645-1568
<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>	
<b>Phone:</b>	248-645-1483
<b>Email:</b>	IPDocket@HowardandHoward.com
<b>Correspondent Name:</b>	HOWARD & HOWARD ATTORNEYS PLLC
<b>Address Line 1:</b>	450 WEST FOURTH STREET
<b>Address Line 4:</b>	ROYAL OAK, MICHIGAN 48067
<b>ATTORNEY DOCKET NUMBER:</b>	068571.00004
<b>NAME OF SUBMITTER:</b>	JAMES R. YEE
<b>SIGNATURE:</b>	/James R. Yee/
<b>DATE SIGNED:</b>	12/10/2014
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 3</b>	
source=CombDecandAssignment#page1.tif	
source=CombDecandAssignment#page2.tif	

**COMBINED DECLARATION AND (37 CFR §1.63) AND ASSIGNMENT FOR UTILITY OR  
DESIGN APPLICATION USING AN  
APPLICATION DATA SHEET (37 CFR §1.76)**

Title of  
Invention

SYSTEM HAVING INVENTORY ALLOCATION TOOL AND METHOD OF USING SAME

As the below named inventor(s), I/we hereby declare that:

This declaration  The attached application, or  
is directed to:

United States application or PCT international application  
number \_\_\_\_\_ filed on \_\_\_\_\_

The above identified application was made or authorized to be made by me/us.

I/We believe that I/we are the original inventor(s) of a claimed invention in the application.

I/We have reviewed and understand the contents of the application, including the claims.

I/We are aware of the duty to disclose to the Office all information known to us to be material to patentability as defined in 37 CFR §1.56.

I/We hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both and may jeopardize the validity of the application or any patent issuing thereon.

For the sum of One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged, the below named inventor(s), do hereby assign, sell and set over to:

Wal-Mart Stores, Inc.

(Company Name),

and having a place of business at:

702 S.W. 8th Street, Bentonville, AR 72716

hereinafter referred to a ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in the above referenced application, including the right of said ASSIGNEE, its successors, assigns or other legal representatives to file foreign patent applications corresponding to said application, and the right to claim the priority date of said application and any legal equivalents thereof, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, to any application claiming priority to said application, and to any and all divisions, continuations, and continuations-in-part of said application, or re-issues or extensions of said Letters Patent or Patents, the same to be held and enjoyed by the ASSIGNEE, as fully and entirely as the same would have been held by us had this Assignment and sale not been made.

**COMBINED DECLARATION AND (37 CFR §1.63) AND ASSIGNMENT FOR UTILITY OR  
DESIGN APPLICATION USING AN  
APPLICATION DATA SHEET (37 CFR §1.76)**

Title of Invention: SYSTEM HAVING INVENTORY ALLOCATION TOOL AND METHOD OF USING SAME

And I/we hereby covenant and agree that I/we, our heirs, successors, assigns or other legal representatives will at any time upon the request and at the expense of the ASSIGNEE, its successors, assigns, or other legal representatives execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention and to obtain Letters Patent therefor.

And I/we hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the ASSIGNEE in accordance with this Agreement.

I/We hereby authorize and request Howard & Howard Attorneys PLLC, to insert herein above the application number and filing date of said application when known.

And I/we hereby represent and warrant that I/we have not granted any rights inconsistent with the rights granted herein.

Please address all correspondence and telephone calls and, upon recordation, please return this document to:

James R. Yee  
HOWARD & HOWARD ATTORNEYS PLLC  
450 West Fourth Street  
Royal Oak, Michigan 48067-2557  
(248) 645-1483

**LEGAL NAME OF INVENTOR**

Residence Address: 6346 Shelter Creek Lane, San Bruno, CA 94066  
Citizenship: Iran

Inventor: Arash Asadi-Shahmirzadi Date: 12/03/2014

Signature: *Arash Asadi-Shahmirzadi*

**LEGAL NAME OF INVENTOR**

Residence Address: SUO S EL CAMINO REAL  
SAN MATEO, CA 94402 Citizenship: Indian

Inventor: Jagtej Bewli Date: 12/03/2014

Signature: *Jagtej Bewli*

**LEGAL NAME OF INVENTOR**

Residence Address: 1883 Agnew Road, Unit 353, Santa Clara, CA 95054  
Citizenship: Indian

Inventor: Arun Prasad Nagarathinam Date: 12/03/2014

Signature: *Arun Prasad Nagarathinam*

COMBINED DECLARATION AND (37 CFR §1.63) AND ASSIGNMENT FOR UTILITY OR DESIGN  
APPLICATION USING AN  
APPLICATION DATA SHEET (37 CFR §1.76)

Title of  
Invention

SYSTEM HAVING INVENTORY ALLOCATION TOOL AND METHOD OF USING SAME


LEGAL NAME OF INVENTOR

Residence Address: 140 S VON NUES AVE. #402 SF CA 94103

Citizenship: United States

Inventor: David Win

Date: 12/3/2014

Signature: 

LEGAL NAME OF INVENTOR

Residence Address: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Inventor: \_\_\_\_\_ Date: \_\_\_\_\_

Signature: \_\_\_\_\_

LEGAL NAME OF INVENTOR

Residence Address: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Inventor: \_\_\_\_\_ Date: \_\_\_\_\_

Signature: \_\_\_\_\_

LEGAL NAME OF INVENTOR

Residence Address: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Inventor: \_\_\_\_\_ Date: \_\_\_\_\_

Signature: \_\_\_\_\_

LEGAL NAME OF INVENTOR

Residence Address: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Inventor: \_\_\_\_\_ Date: \_\_\_\_\_

Signature: \_\_\_\_\_