

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7922883

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	WAL-MART STORES, INC.	01/31/2018
RECEIVING PARTY DATA		
Name:	WALMART APOLLO, LLC	
Street Address:	702 S.W. 8TH STREET	
City:	BENTONVILLE	
State/Country:	ARKANSAS	
Postal Code:	72716-0520	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	17519454
CORRESPONDENCE DATA		
Fax Number:	(650)843-4001	
<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>		
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Correspondent Name:	MORGAN, LEWIS & BOCKIUS LLP	
Address Line 1:	1400 PAGE MILL ROAD	
Address Line 4:	PALO ALTO, CALIFORNIA 94304-1124	
ATTORNEY DOCKET NUMBER:	2291US03(V) 134155-5389	
NAME OF SUBMITTER:	MANITA RAWAT	
SIGNATURE:	/Manita Rawat/	
DATE SIGNED:	04/26/2023	
Total Attachments: 8		
source=2291US03(V) (134155-5389) Assignment - Wal-Mart Stores to WMA#page1.tif		
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PATENT ASSIGNMENT

This PATENT ASSIGNMENT ("Patent Assignment"), effective as of January 31, 2018, is made by and between Wal-Mart Stores, Inc., 702 Southwest 8th Street, Bentonville, Arkansas 72716, USA, ("Assignor"), and Walmart Apollo, LLC, 702 Southwest 8th Street, Bentonville, Arkansas 72716, USA, ("Assignee"), the assignee of certain assets of Assignor pursuant to the INTERCOMPANY AGREEMENT by and between Assignee and Assignor, dated as of January 31, 2018 (the "Patent Agreement").

WHEREAS, under the terms of the Patent Agreement, Assignor has conveyed, transferred and assigned and does hereby convey, transfer and assign to Assignee, certain intellectual property of Assignor as listed on Schedule 1, and has agreed to execute and deliver this Patent Assignment, for recording with governmental authorities;

NOW THEREFORE, the parties agree as follows:

Assignment. In consideration for the execution of the Patent Agreement and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor has conveyed, transferred, and assigned and does hereby convey, transfer and assign to Assignee, and Assignee hereby accepts, all of Assignor's right, title and interest in and to the following (the "Assigned Patents and Applications"):

the patents and patent applications set forth in Schedule 1 hereto and all issuances, divisions, continuations, continuations-in-part, reissues, extensions, reexaminations and renewals thereof;

all rights of any kind whatsoever of Assignor accruing under any of the foregoing provided by applicable law of any jurisdiction, by international treaties and conventions and otherwise throughout the world.

Recordation and Further Actions. Assignor authorizes any other governmental officials to record and register this Patent Assignment upon request by Assignee. Assignor shall take such steps and actions following the date hereof, including the execution of any documents, files, registrations, or other similar items, to ensure that the Assigned Patents and Applications are properly assigned to Assignee, or any assignee or successor thereto.

Terms of the Patent Agreement. The terms of the Patent Agreement, including, but not limited to, the representations, warranties, covenants, agreements and indemnities relating to the Assigned Patents and Applications are incorporated herein by this reference. The parties hereto acknowledge and agree that the representations, warranties, covenants, agreements and indemnities contained in the Patent Agreement shall not be superseded hereby but shall remain in full force and effect to the full extent provided therein. In the event of any conflict or inconsistency between the terms of the Patent Agreement and the terms hereof, the terms of the Patent Agreement shall govern.

Counterparts. This Patent Assignment may be executed in counterparts, each of which shall be deemed an original, but all of which together shall be deemed to be one and the same agreement. A signed copy of this Patent Assignment delivered by facsimile, e-mail or other means of electronic transmission shall be deemed to have the same legal effect as delivery of an original signed copy of this Patent Assignment.

Successors and Assigns. This Patent Assignment shall be binding upon and shall inure to the benefit of the parties hereto and their respective successors and assigns.

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, Assignor has duly executed and delivered this Patent Assignment as of the date first above written.

Wal-Mart Stores, Inc.
702 Southwest 8th Street
Bentonville, Arkansas 72716
USA

By: Gordon Y. Allison

Name: Gordon Allison
Title: Vice President and General Counsel,
Corporate:

State of Arkansas)
) ss:
County of Fulton)

On this, the 8th day of May, 2018, before me, a notary public, the undersigned officer, personally appeared Gordon Allison, known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument, and acknowledged that he executed the same for the purposes therein contained.

In witness hereof, I hereunto set my hand and official seal.

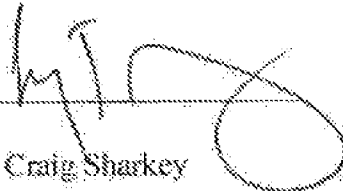
[Signature]
Notary Public
My Commission Expires: 1/15/2028

ELIZABETH WITHEE
Notary Public - Arkansas
Washington County
Commission #12763099
My Commission Exp. 01/15/28

ELIZABETH WITHEE
Notary Public - Arkansas
Washington County
Commission #12763099
My Commission Exp. 01/15/2028

IN WITNESS WHEREOF, Assignee has duly executed and delivered this Patent Assignment as of the date first above written.

Walmart Apollo, LLC
702 Southwest 8th Street
Bentonville, Arkansas 72716
USA

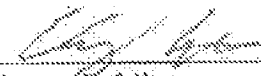
By: 

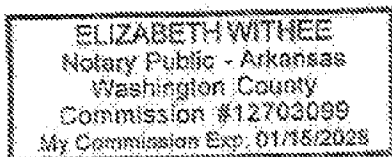
Name: Craig Sharkey
Title: President

State of Arkansas)
) ss:
County of Benton)

On this, the 2nd day of March, 2018, before me, a notary public, the undersigned officer, personally appeared Craig Sharkey, known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument, and acknowledged that he executed the same for the purposes therein contained.

In witness hereof, I hereunto set my hand and official seal.


Notary Public
My Commission Expires: 1/15/2028



SCHEDULE 1

Assigned Patents and Applications

Ref. No.	Title	Application No.	Patent No.
2000US01	Electronic Shelf Label System that Enables Configuration and Reversion of Modular Standards	62/440640	
2000US02	Electronic Shelf Label System	15/836422	
2069US01	Shopping Cart Lights System	62/435535	
1737US01	System and Method for a Biometric Feedback Cart Handle	62/461933	
1737US02	System and Method for a Biometric Feedback Cart Handle	15/902091	
1894US01	System and Method for Improved Inventory Management of Returned Retail Items	62/456982	
1894US02	System and Method for Improved Inventory Management of Returned Retail Items	15/882523	
2987US01	A Small Item Overstock Storage System	62/440634	
2987US02	A Small Item Overstock Storage System	15/836432	
2988US01	Interchangeable Modular Shelf System	62/440632	
2988US02	Interchangeable Modular Shelf System	15/836439	
2178US01	System and Method for "Always On" Offline Transaction Collection	62/470001	
2178US02	System and Method for "Always On" Offline Transaction Collection	15/918383	
2179US01	Methods and Systems for Determining an Internal Property of a Food Product	62/470005	
2179US02	Methods and Systems for Determining an Internal Property of a Food Product	15/918936	
2180US01	Methods and Systems for Managing a Supply of Food Products	62/470013	
2180US02	Methods and Systems for Managing a Supply of Food Products	15/919007	
2275US01	Dynamic Lane Routing	62/470018	
2275US02	Sorting Machine with Dynamic Lane Routing	15/917246	
2276US01	System and Method for Item Consolidation	62/470023	
2276US02	System and Method for Item Consolidation	15/917270	
2278US01	System and Method for Order Packing	62/470029	
2278US02	System and Method for Order Packing	15/917273	

Ref. No.	Title	Application No.	Patent No.
2291US01	Online Platform for Processing Merchandise Shipping	62/469994	
2291US02	Online Platform for Processing Merchandise Shipping	15/917258	
2296US01	System and Method For Database Queries	62/440629	
2296US02	System and Method For Database Queries	15/836452	
2367US01	System and Method for Automated Handoff Between Unmanned Aerial Vehicles and Autonomous Ground Vehicles	62/470032	
2367US02	System and Method for Automated Handoff Between Unmanned Aerial Vehicles and Autonomous Ground Vehicles	15/917993	
1328US01	Mobile Coupon System	62/501313	
1678US01	System and Method for Remote Controlling of Electronic Shelf Labels	62/475292	
1678US02	System and Method for Remote Controlling of Electronic Shelf Labels	15/923362	
2200US01	Automated Motorized Modular Shelf System	62/475273	
2200US02	Automated Motorized Modular Shelf System	15/926659	
2201US01	Tape for Modular Shelf System	62/478983	
2201US02	Tape for Modular Shelf System	15/937122	
2230US01	System and Method for Providing Tailored Emergency Alerts	62/475277	
2230US02	System and Method for Providing Tailored Emergency Alerts	15/926705	
2538US01	System for Inventory Control	62/475283	
2538US02	System for Inventory Control	15/933418	
2946US01	Mechanism for Keeping Shopping Carts Within A Storage Area	62/479748	
2946US02	Mechanism for Keeping Shopping Carts Within A Storage Area	15/940319	
3014US01	Methods and Systems for Managing Fulfillment of One or More Online Orders	62/490739	
3015US01	Methods and Systems for Managing Shipment of Products from a Distribution Center	62/490741	
3016US01	System and Method for Data-Driven Insight Into Stocking Out-of-Stock Shelves	62/479738	
3016US02	System and Method for Data-Driven Insight Into Stocking Out-of-Stock Shelves	15/940298	

Ref. No.	Title	Application No.	Patent No.
2534US01	Centralized Monitoring and Coordination of Merchandise Transportation Using Shipping Containers	62/500715	
3019US01	System and Method for Managing Returned Merchandise Using Trucks Tasked With Delivering Merchandise	62/489103	
3020US01	System and Method for Using Stores as Receiving Points for Third Party, E-Commerce Suppliers	62/489106	
3021US01	System and Method for Establishing Regional Distribution Center Inventory Levels for New Third Party Products	62/489110	
3022US01	System and Method for Dynamically Establishing A Regional Distribution Center Truck Flow Graph to Distribute Merchandise	62/489114	
3029US01	System and Method for Automatically Restocking Items on Shelves	62/502201	
3030US01	System and Method for Automatically Restocking Items on Shelves Using a Conveyor System	62/502193	
3032US01	System and Method for Automatically Restocking Items on Shelves Using a Pneumatic Pipe System	62/502204	
3066US01	Automated Truck Loading	62/583173	
4009US01	Augmented Reality Trailer Loading	62/541351	
3970US01	Built-In Comprehensive Trailer Damage	62/543103	
2748US01	Commit Roll-back for non-SQL	62/583180	
2744US01	System and Method for an Index Search Engine	62/594889	
2997US01	System and Method Providing Checkout Authentication Using Text Messaging	62/551991	
2998US01	System and Method for Providing Point of Sale Cloud Services (Money Services Checkout using Point of Sale Cloud Services)	62/552002	
1450US01	Modular shelving accuracy via ceiling laser	62/551423	
2852US01	Laser Inventory Monitoring with Semi-reflective mirrors	62/574498	
2833US01	Holographic Display for Low Inventory Products	62/574514	
2349US01	Self-service in-store returns through mobile app based on customer identification and electronic receipts	62/565702	

Ref. No.	Title	Application No.	Patent No.
4581US01	Device for Holding Hand-held Computer	62/568596	
3921US01	System and Method for Determining Autonomous Vehicle Location Using Incremental Image Analysis	62/611773	
4267US01	System and Method for Managing Packages in a Kiosk	62/611775	