# 508782689 09/26/2024

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 Assignment ID: PATI524485

UBMISSION TYPE:		NEW ASSIGNMENT		
IATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY I	ΔΑΤΑ			
		Name Ex	xecution Date	
Gaurav Agrawa		12/	01/2020	
Mingfeng Gong		12/	/02/2020	
Deiva Saranya Mandad	li	12/	01/2020	
Sandeep Singh		12/	/02/2020	
Гuo Shi		12/	/02/2020	
RECEIVING PARTY D	ΑΤΑ			
Company Name:	Walma	rt Apollo, LLC		
Street Address:	702 So	uthwest 8th Street		
City:	Benton	Bentonville		
State/Country:	ARKAN	ARKANSAS		
Postal Code:	72716	72716		
PROPERTY NUMBER				
PROPERTY NUMBER	S Total: 1	Number		
PROPERTY NUMBER Property Type	S Total: 1	<b>Number</b> 18499852		
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PROPERTY NUMBER Property Type Application Number: CORRESPONDENCE Fax Number: Correspondence will using a fax number, in Phone: Email: Correspondent Name Address Line 1:	S Total: 1 DATA be sent to f provideo	18499852 o the e-mail address first; if that is unsuccessful, it v f; if that is unsuccessful, it will be sent via US Mail. (817)676-2848 estright@foleyiplaw.com,docketing@strightgroup.com Sarah B. Foley	will be sent	
PROPERTY NUMBER Property Type Application Number: CORRESPONDENCE Fax Number: Correspondence will using a fax number, in Phone: Email: Correspondent Name	S Total: 1	18499852 <b>b</b> the e-mail address first; if that is unsuccessful, it v <b>b</b> ; if that is unsuccessful, it will be sent via US Mail. (817)676-2848 estright@foleyiplaw.com,docketing@strightgroup.com Sarah B. Foley Foley IP Law, PLLC	will be sent	
PROPERTY NUMBER Property Type Application Number: CORRESPONDENCE Fax Number: Correspondence will using a fax number, in Phone: Email: Correspondent Name Address Line 1: Address Line 2:	S Total: 1	18499852 o the e-mail address first; if that is unsuccessful, it w f; if that is unsuccessful, it will be sent via US Mail. (817)676-2848 estright@foleyiplaw.com,docketing@strightgroup.com Sarah B. Foley Foley IP Law, PLLC 13760 Noel Rd., Suite 328	will be sent	
PROPERTY NUMBER Property Type Application Number: CORRESPONDENCE Fax Number: Correspondence will using a fax number, in Phone: Email: Correspondent Name Address Line 1: Address Line 2: Address Line 4:	S Total: 1	18499852 <b>b</b> the e-mail address first; if that is unsuccessful, it v <b>b</b> ; if that is unsuccessful, it will be sent via US Mail. (817)676-2848 estright@foleyiplaw.com,docketing@strightgroup.com Sarah B. Foley Foley IP Law, PLLC 13760 Noel Rd., Suite 328 Dallas, TEXAS 75240	will be sent	
PROPERTY NUMBER Property Type Application Number: CORRESPONDENCE Fax Number: Correspondence will using a fax number, in Phone: Email: Correspondent Name Address Line 1: Address Line 2: Address Line 4:	S Total: 1	18499852 <b>b</b> the e-mail address first; if that is unsuccessful, it v <b>b</b> ; if that is unsuccessful, it will be sent via US Mail.         (817)676-2848         estright@foleyiplaw.com,docketing@strightgroup.com         Sarah B. Foley         Foley IP Law, PLLC         13760 Noel Rd., Suite 328         Dallas, TEXAS 75240         6396US03	will be sent	

Total Attachments: 5

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## PATENT ASSIGNMENT COVER SHEET

## Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPI	ISSION TYPE: NEW ASSIGNMENT		
NATURE OF CONV	CONVEYANCE: ASSIGNMENT		
CONVEYING PART	ГҮ ДАТА		
		Name	Execution Date
GAURAV AGRAWAL			12/01/2020
MINGFENG GONG			12/02/2020
DEIVA SARANYA I	MANDADI		12/01/2020
SANDEEP SINGH			12/02/2020
TUO SHI			12/02/2020
RECEIVING PART	Y DATA		
Name:	WALMART	APOLLO, LLC	
Street Address:	702 SW 8TH		
	BENTONVILLE		
City:			18
-	ARKANSAS		
City: State/Country: Postal Code: PROPERTY NUMB	ARKANSAS 72716		
State/Country: Postal Code:	ARKANSAS 72716 ERS Total: 1		Number
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State/Country: Postal Code: PROPERTY NUMB Property 7 Application Numbe CORRESPONDENC Fax Number: Phone: Email: Correspondence will be s that is unsuccessful, it wi Correspondent Name: Address Line 1:	ARKANSAS 72716 ERS Total: 1 Fype T: CE DATA 858- akuc ent to the e-mail a ll be sent via US M KAF 120	552-1311 17870819 552-1311 irka@fitcheven.com, wmt.documents@ ddress first; if that is unsuccessful, it v fail. REN J. WANG S LASALLE ST	@fitcheven.com
State/Country: Postal Code: PROPERTY NUMB Property 7 Application Numbe CORRESPONDENC Fax Number: Phone: Email: Correspondence will be s that is unsuccessful, it wi Correspondent Name:	ARKANSAS 72716 FRS Total: 1 Fype Fr: CE DATA 858- akuc ent to the e-mail a ll be sent via US M KAF 120 STE	552-1311 552-1311 17870819 552-1311 irka@fitcheven.com, wmt.documents@ ddress first; if that is unsuccessful, it v fail. REN J. WANG	@fitcheven.com
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State/Country: Postal Code: PROPERTY NUMB Property 7 Application Numbe CORRESPONDENC Fax Number: Phone: Email: Correspondence will be sisthat is unsuccessful, it wi Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	ARKANSAS 72716 ERS Total: 1 Fype Fr: CE DATA 858- akuc ent to the e-mail a ll be sent via US M KAF 120 STE CHI	552-1311 17870819 552-1311 lirka@fitcheven.com, wmt.documents@ ddress first; if that is unsuccessful, it v fail. REN J. WANG S LASALLE ST 2100 CAGO, ILLINOIS 60603	@fitcheven.com

**REEL: 068709 FRAME: 0899** 

Total	Attachments:	3
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#### RECEIPT INFORMATION

 EPAS ID:
 PAT7447339

 Receipt Date:
 07/22/2022

Walmart Apollo Reference No. 6396US01 Attorney Docket 8842-149588-US

#### 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 Apollo, LLC, 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

#### SYSTEMS AND METHODS FOR MANAGING CONCURRENT DATA REQUESTS

relating to the patent family of Walmart Reference No. 6396US01; having Patent Application Number 17/108,315, filed December 1, 2020, 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-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.

# PATENT REEL: 068709 FRAME: 0901

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Inventor's Signature:	Mingleng Gong
Date:	12/2/2020
Inventor's Address:	1269 Lakeside Drive, Apartment 1098 Sunnyvale, California 94085 United States of America

Legal Name of Inventor: (Given names first, Family name last)	Deiva Saranya Mandadi
Inventor's Signature:	Deiva Saranya Mandadi
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Inventor's Signature:	Sandeep Singh
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Inventor's Address:	1002 South Wolfe Road, Apartment D Sunnyvale, California 94086 United States of America

Legal Name of Inventor: (Given names first, Family name last)	Tuo Shi
Inventor's Signature:	tuo Shi
Date:	12/2/2020
Inventor's Address:	450 North Mathilda Avenue, Apartment D303 Sunnyvale, California 94085 United States of America