504680508 12/11/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID MARTIN NELMS	11/30/2017
BRADLEY JOSEPH KIEFFER	12/12/2016

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:	15834674

CORRESPONDENCE DATA

Fax Number: (617)607-9075

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.

Phone: 617-449-6500

Email: bkowalczuk@mccarter.com
Correspondent Name: MCCARTER & ENGLISH, LLP

Address Line 1: 265 FRANKLIN STREET

Address Line 2: DAVID R. BURNS

Address Line 4: BOSTON, MASSACHUSETTS 02110

ATTORNEY DOCKET NUMBER:	114826-97202	
NAME OF SUBMITTER:	DAVID R. BURNS, REG. NO. 46,590	
SIGNATURE:	/David R. Burns/	
DATE SIGNED:	12/11/2017	

Total Attachments: 4

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PATENT 504680508 REEL: 044351 FRAME: 0936

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

SYSTEMS AND METHODS FOR IDENTIFYING AVAILABLE LOCATION-BASED SERVICES

relating to the patent family of Walmart Reference No. 2293US01; having Patent Application Number 62/432,339, filed December 9, 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

Page 1 of 4

Walmart Reference No. 2293US01 Attorney Docket 114826-97201

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 2 of 4

MEI 23835609v.i

PATENT REEL: 044351 FRAME: 0938 Legal Name of Inventor: (Given names first, Family name last)

David Martin Nelms

Inventor's Signature:

DULL

Date:

Inventor's Address:

5105 South Bent Tree Drive Rogers, Arkansas 72758 United States of America Legal Name of Inventor: (Given names first, Family name last)

Bradley Joseph Kieffer

Inventor's Signature:

12-12-16

Date:

Inventor's Address:

2704 Dauphine Drive Rogers, Arkansas 72758

United States of America

RECORDED: 12/11/2017