PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ROBERT JAMES TAYLOR	07/07/2015
MATTHEW ALLEN JONES	07/20/2015
NICHOLAUS ADAM JONES	07/06/2015

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:	15198162

CORRESPONDENCE DATA

Fax Number: (508)303-0005

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.

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SCHMEISER, OLSEN & WATTS LLP **Correspondent Name:** Address Line 1: 33 BOSTON POST ROAD WEST

Address Line 2: **SUITE 410**

Address Line 4: MARLBOROUGH, MASSACHUSETTS 01752

ATTORNEY DOCKET NUMBER:	WMT-066	
NAME OF SUBMITTER:	TIMOTHY P. COLLINS	
SIGNATURE:	/Timothy P. Collins/	
DATE SIGNED:	03/02/2018	

Total Attachments: 4

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PATENT REEL: 045091 FRAME: 0059 504802064

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PATENT REEL: 045091 FRAME: 0060

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

TACTILE NAVIGATION SYSTEMS AND METHODS

relating to the patent family of Walmart Reference No. <u>485US01</u>; having Patent Application Number <u>62/188,060</u>, filed <u>July 2, 2015</u>, 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 3

Legal Name of Inventor: (Given names first, Family name last)	Robert James Taylor
Inventor's Signature:	
Date:	7-7-15
Inventor's Address:	17035 South 41st Street Rogers, Arkansas, 72758 United States of America
Executed in my presence on this	day of
	Second Witness Name (Typed or Printed)
First Witness Name (Typed or Printed	Second Witness Name (Typed or Printed) Matthew Allen Jones
First Witness Name (Typed or Printed) Legal Name of Inventor: (Given names first, Family name last)	
First Witness Name (Typed or Printed) Legal Name of Inventor:	
First Witness Name (Typed or Printed) Legal Name of Inventor: (Given names first, Family name last) Inventor's Signature:	
First Witness Name (Typed or Printed) Legal Name of Inventor: (Given names first, Family name last) Inventor's Signature: Date: Inventor's Address:	Matthew Allen Jones 3803 Southwest Flatrock Avenue Bentonville, Arkansas, 72712

First Witness Name (Typed or Printed)

Second Witness Name (Typed or Printed)

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Arkansas, 72758 States of America / of, 2015 be the person named in this assignment.
Arkansas, 72758 States of America / of, 2015 be the person named in this assignment.
be the person named in this assignment.
Second Witness (Signature)
Second Witness Name (Typed or Printed)
ew Allen Jones
120/15
uthwest Flatrock Avenue rille, Arkansas, 72712 States of America
be the person named in this assignment. Amy Samuel Second Witness (Signature)

Legal Name of Inventor: (Given names first, Family name last)	Nicholaus Adam Jones
Inventor's Signature:	Mull an
Date:	7/6/15
Inventor's Address:	10702 South Whitehouse Road Fayetteville, Arkansas 72701 United States of America
Executed in my presence on this	day of July , 2015 wn to me to be the person named in this assignment.
First Witness (Signature)	Second Witness (Signature)
Pavan kokkula.	Ram Jayaraman
First Witness Name (Typed or Printed	