PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHANDRASHEKAR NATARAJAN	11/14/2015
DONALD R. HIGH	12/04/2015

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: 2

Property Type	Number
Application Number:	15297426
PCT Number:	US1657634

CORRESPONDENCE DATA

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

Address Line 2: **SUITE 410**

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ATTORNEY DOCKET NUMBER:	WMT-087 & 087PC
NAME OF SUBMITTER:	TIMOTHY P. COLLINS
SIGNATURE:	/Timothy P. Collins/
DATE SIGNED:	02/26/2018

Total Attachments: 2

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PATENT REEL: 045039 FRAME: 0019 504793523

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

RETAIL SUBSCRIPTION IN INTERNET OF THINGS

relating to the patent family of Walmart Reference No. <u>858US01</u>; having Patent Application Number <u>62/247,878</u>, filed <u>October 29, 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.

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PATENT REEL: 045039 FRAME: 0020

Date:	11/14 /2015
Inventor's Address:	3312 Amaryllis Circle San Ramon, California 94582 United States of America
Executed in my presence on this/ by the aforementioned individual know	day of
First Withess (Signature)	Second Witness (Signature)
Edger E Roce First Witness Name (Typed or Printed)	Atthur Ondralethaker
	Donald R. High
Given names first, Family name last)	Donald R. High Tank (A / 1/27)
Given names first, Family name last) Inventor's Signature:	Donald R. High 12/04/015
(Given names first, Family name last) Inventor's Signature: Date:	Donald R. High Control And An
Given names first, Family name last) Inventor's Signature: Date: Inventor's Address: Executed in my presence on this	731 Fasy Street Noel, Missouri 64854
(Given names first, Family name last) Inventor's Signature: Date: Inventor's Address: Executed in my presence on this by the aforementioned individual know	731 Easy Street Noel, Missouri 64854 United States of America 4th day of 2015 on to me to be the person named in this assignment.
Legal Name of Inventor: (Given names first, Family name last) Inventor's Signature: Date: Inventor's Address: Executed in my presence on this	731 Easy Street Noel, Missouri 64854 United States of America 4th day of 2015 vin to me to be the person named in this assignment.

Chandrashekar Natarajan

Legal Name of Inventor:

(Given names first, Family name last)