

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5789458

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	RELEASE OF PATENT SECURITY INTERESTS RECORDED AT REEL 039775, FRAME 0741 AND REEL 041428, FRAME 0259	
<b>CONVEYING PARTY DATA</b>		
<b>Name</b>		<b>Execution Date</b>
FIRST MERCHANTS BANK		10/25/2019
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	GATEKEEPER SYSTEMS, INC.	
<b>Street Address:</b>	90 ICON	
<b>City:</b>	FOOTHILL RANCH	
<b>State/Country:</b>	CALIFORNIA	
<b>Postal Code:</b>	92610	
<b>Name:</b>	CARTTRONICS LLC	
<b>Street Address:</b>	90 ICON	
<b>City:</b>	FOOTHILL RANCH	
<b>State/Country:</b>	CALIFORNIA	
<b>Postal Code:</b>	92610	
<b>PROPERTY NUMBERS Total: 61</b>		
<b>Property Type</b>	<b>Number</b>	
Patent Number:	8602176	
Patent Number:	8985282	
Patent Number:	9403443	
Patent Number:	7740114	
Patent Number:	6486768	
Patent Number:	5881846	
Patent Number:	7420461	
Patent Number:	6795205	
Patent Number:	6125972	
Patent Number:	8046160	
Patent Number:	8751148	
Patent Number:	8463540	
Patent Number:	9091551	
Patent Number:	8700230	
Patent Number:	8417445	
		<b>PATENT</b>

Property Type	Number
Patent Number:	9322658
Patent Number:	8570171
Patent Number:	8606501
Patent Number:	8406993
Patent Number:	8571778
Patent Number:	8478471
Patent Number:	8718923
Patent Number:	8473192
Patent Number:	8558698
Patent Number:	8433507
Patent Number:	8820447
Patent Number:	7944368
Patent Number:	8674845
Patent Number:	7658247
Patent Number:	7870916
Patent Number:	8973719
Patent Number:	8364105
Patent Number:	8693965
Patent Number:	8894086
Patent Number:	8578984
Patent Number:	8205702
Patent Number:	9358835
Patent Number:	6362728
Patent Number:	6945366
Patent Number:	6037869
Patent Number:	6127927
Patent Number:	6353388
Application Number:	15227671
Application Number:	11763710
Application Number:	12108274
Application Number:	13275230
Application Number:	14299957
Application Number:	13907351
Application Number:	13907502
Application Number:	14699221
Application Number:	14470617
Application Number:	14635452
Application Number:	14808971

Property Type	Number
Application Number:	15060442
Application Number:	15191303
Application Number:	15093545
Application Number:	15170065
Application Number:	15160289
Application Number:	15215375
Application Number:	62214561
Application Number:	62214579

#### **CORRESPONDENCE DATA**

**Fax Number:**

*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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<b>ATTORNEY DOCKET NUMBER:</b>	1785638-0028-S216
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<b>NAME OF SUBMITTER:</b>	JUSTINE LU
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<b>SIGNATURE:</b>	/Justine Lu/
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<b>DATE SIGNED:</b>	10/25/2019
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**Total Attachments: 4**

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## RELEASE OF PATENT SECURITY INTERESTS

This **RELEASE OF PATENT SECURITY INTERESTS**, dated as of October 25, 2019, is made by **FIRST MERCHANTS BANK**, an Indiana bank, with an office located at 10333 N. Meridian Street, Suite 350, Indianapolis, Indiana 46290 (the “**Assignee**”), as Agent (as defined in the Assignment Documents referred to below), and terminates and releases all of the continuing security interests and assignments held by the Assignee in all the Assignors’ (as defined below) rights, title and interests in the Patent Collateral (as defined in the Assignment Documents), including each of the Patents and Patent applications identified on Exhibit A, which security interests and assignments were granted to the Assignee pursuant to (i) that certain Patent Security Agreement dated as of September 2, 2016 (the “**Gatekeeper Assignment**”), by Gatekeeper Systems, Inc., a Delaware corporation (“**Gatekeeper**”), in favor of Assignee, and (ii) that certain Patent Security Agreement dated as of February 1, 2017 (the “**CartTronics Assignment**”, and together with the Gatekeeper Assignment, the “**Assignment Documents**”), by CartTronics LLC, a California limited liability company (“**CartTronics**”, and together with Gatekeeper, “**Assignors**”), in favor of Assignee. With respect to the United States Patent and Trademark office, the Recordation Date of the Assignment Documents is (i) September 19, 2016, recorded at Reel 039775, Frame 0741 with respect to the Gatekeeper Assignment, and (ii) March 1, 2017, recorded at Reel 041428, Frame 0259 with respect to the CartTronics Assignment.

### FIRST MERCHANTS BANK

By: William Mayfield  
Name: William Mayfield  
Title: AUP

**EXHIBIT A****PATENTS**

<b>Patent</b>	<b>Filing Date</b>	<b>Registration Date</b>	<b>Registration No.</b>
BALL BEARING BRAKING APPARATUS	2/24/11	12/10/13	8,602,176
BALL BEARING BRAKING APPARATUS	11/14/13	3/24/15	8,985,282
BALL BEARING BRAKING APPARATUS	3/18/15	8/9/16	9,409,443
BRAKING SHELL FOR SHOPPING CART SECURITY DEVICE	1/29/09	6/22/10	7,740,114
CART RETURN LOYALTY CREDIT SYSTEM	9/16/98	11/26/02	6,486,768
SECURITY DEVICE FOR SHOPPING CARTS AND THE LIKE	4/17/97	3/16/99	5,881,846
CASTER-LOCK WITH DUAL RECEIVERS	12/28/06	9/2/08	7,420,461
CART RETURN CREDIT SYSTEM	3/23/00	12/13/05	6,975,205
SECURITY APPARATUS AND METHOD FOR SHOPPING CARTS AND THE LIKE	2/20/98	10/3/00	6,125,972
Navigation Systems and Methods for Wheeled Objects	3/20/06	10/25/11	8,046,160
Navigation Systems and Methods for Wheeled Objects	8/12/11	6/10/14	8,751,148
Two Way Communication System for Tracking Locations and Status of Wheeled Vehicles	3/20/06	6/11/13	8,463,540
System for controlling usage of shopping carts or other human-propelled vehicles	9/1/09	7/28/15	9,091,551
Cart containment system with integrated cart display unit	5/31/13	4/15/14	8,700,230
System for communicating with and monitoring movement of human-propelled vehicles	8/29/08	4/9/13	8,417,445
Wheel skid detection during mechanized cart retrieval	8/7/15	4/26/16	9,322,658
System for detecting unauthorized store exit events using signals detected by shopping cart wheels units	4/4/13	10/29/13	8,570,171
System for communicating with and monitoring movement of human-propelled vehicles	8/28/08	12/10/13	8,606,501
Cart braking control during mechanized cart retrieval	8/28/08	3/26/13	8,406,993
Cart braking control during mechanized	3/25/13	10/29/13	8,571,778

cart retrieval			
Cart cluster detection and estimation	8/28/08	7/2/13	8,478,471
Object cluster detection and estimation	5/28/13	5/6/14	8,718,923
Antenna-based zone creation for controlling movement of vehicles	8/28/08	6/25/13	8,473,192
Zone-based control of cart usage using RF transmission for brake activation	5/28/13	10/15/13	8,558,698
Usage monitoring of shopping carts or other human-propelled vehicles	8/29/08	4/30/13	8,433,507
Power generation systems and methods for wheeled objected	3/20/06	9/2/14	8,820,447
Systems and methods for location and controlling powered vehicles	8/25/06	5/17/11	7,944,368
Systems and methods for location and controlling powered vehicles	5/13/11	3/18/14	8,674,845
Systems and methods for power storage and management from intermittent power sources	9/20/06	2/9/10	7,658,247
Systems and methods for power storage and management from intermittent power sources	1/8/10	1/18/11	7,870,916
Brake mechanism for a non-motorized wheeled vehicle	10/25/10	3/10/15	8,973,716
Solar powered transmitter	6/1/11	1/29/13	8,364,105
Solar powered transmitter	12/19/12	4/8/14	8,693,965
Cart connection assemblies and methods	11/6/13	11/25/14	8,894,086
Wheel replacement treads and methods	9/20/12	11/12/13	8,578,984
Wheel replacement treads and methods	11/6/13	12/8/15	9,205,702
Wheels for non-motorized vehicles	2/25/14	6/7/16	9,358,835
Two-Wire Anti-theft system	2/4/98	2/26/02	6,362,728
Linear Actuator Brake	8/16/02	9/20/05	6,945,366
Anti-Theft Vehicle System	8/24/1998	3/14/2000	6,037,869
Anti-Theft Vehicle System	8/24/1998	10/3/2000	6,127,927
Anti-Theft Vehicle System	1/19/2000	3/5/2002	6,353,388

#### PATENT APPLICATIONS

<b>Name</b>	<b>Application No.</b>
MULTIPLE FREQUENCY BAND BRAKING APPARATUS WITH CLUTCH	15/227,671
SYSTEM FOR PREVENTING SHOPPING CART PUSH-OUT THEFT	11/763,710
VIDEO MONITOR FOR SHOPPING CART CHECKOUT	12/108,274

SHOPPING CART ACCOUNTABILITY USING COUPON INCENTIVES WITH PARTICIPATION OPTION	13/275230
Navigation Systems and Methods for Wheeled Objects	14,299,957
Creation of zones based on RSSI values	13/907,351
2.4 GHz antenna design	13/907,502
Using checkout lane dwell time to authorize cart exits	14/699,221
Power generation systems and methods for wheeled objected	14/470,617
Brake mechanism for a non-motorized wheeled vehicle	14/635,452
Monitoring usage or status of cart retrievers	14/808,971
Mercury GPS Geofencing systems	15/060,442
System with wheel assembly that communicates with display unit of human propelled cart	15/191,303
System with handheld mobile control unit for controlling shopping cart wheel assemblies	15/093,545
Wheels for non-motorized vehicles	15/170,065
Loop antenna fixtures and methods	15/160,289
Monitoring usage or status of cart retrievers	15/215,375
Estimating motion of wheeled objects	62/214,561
Magnetometer and accelerometer calibration	62/214,579