

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4905806

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TEXTRON INC.	01/10/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	TEXTRON RHODE ISLAND INC.
<b>Street Address:</b>	40 WESTMINSTER ST.
<b>City:</b>	PROVIDENCE
<b>State/Country:</b>	RHODE ISLAND
<b>Postal Code:</b>	02903
<b>PROPERTY NUMBERS Total: 6</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	62440595
Application Number:	15419556
Application Number:	15419570
Application Number:	15452079
Application Number:	62552718
Application Number:	62549241
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(508)366-4688
<i>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.</i>	
<b>Phone:</b>	508-616-2900
<b>Email:</b>	Docket@BainwoodHuang.com
<b>Correspondent Name:</b>	BAINWOOD, HUANG & ASSOCIATES, LLC
<b>Address Line 1:</b>	2 CONNECTOR ROAD
<b>Address Line 4:</b>	WESTBOROUGH, MASSACHUSETTS 01581
<b>ATTORNEY DOCKET NUMBER:</b>	1181-4,4.001,5.001,8,9,10
<b>NAME OF SUBMITTER:</b>	DAVID E. HUANG, ESQ.
<b>SIGNATURE:</b>	/David E. Huang/
<b>DATE SIGNED:</b>	04/09/2018
<b>Total Attachments: 6</b>	

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## ASSIGNMENT

WHEREAS, Textron Inc., a Delaware corporation (the "Company"), is the owner of all right, title, and interest in and to the intellectual property described herein;

WHEREAS, Company desires to transfer all of its right, title, and interest in and to such intellectual property to Textron Rhode Island Inc., a Delaware corporation ("Textron Rhode Island");

WHEREAS, Textron Rhode Island desires to transfer all of its right, title, and interest in such intellectual property so acquired to Textron Innovations Inc., a Delaware corporation having a principal place of business at 40 Westminster Street, Providence, Rhode Island 02903 ("Innovations");

WHEREAS, Textron Rhode Island has been organized for the purpose of facilitating Company's investment in Innovations, which manages certain domestic intellectual property for the Textron group of affiliates;

WHEREAS, all transfers of intellectual property pursuant to this Assignment are intended to be transfers pursuant to Section 351 of the Internal Revenue Code of 1986, as amended (hereinafter, the "Code");

NOW, THEREFORE, to whom it may concern, be it known that for good and valuable consideration, the receipt of which is hereby mutually acknowledged:

1. THE ASSIGNMENT OF INTELLECTUAL PROPERTY RIGHTS BY COMPANY TO  
TEXTRON RHODE ISLAND

Company has assigned, and transferred, and by these presents, Company hereby does assign, transfer, and deliver to Textron Rhode Island, its successors, assigns, and legal representatives the whole of any and whatever right, title, and interest Company may have in and to: (i) the inventions described in the United States and foreign counterpart patents and patent applications listed in Exhibit A, and any continuations, continuations-in-part and divisionals of such patent applications or patents, and all foreign counterparts, and reissues, reexaminations, and extensions thereof as fully and entirely as the same would have been held by Company had this assignment not been made including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, and the right to recover for past infringements of, or liabilities for, any of the rights relating to any of said applications or patents resulting from said inventions; and (ii) the following intellectual property created or acquired by Company on or after January 1, 2017 and up to December 31, 2017: (a) all of Company's works of authorship, copyrightable works and those works to which Company owns any of the rights stated in Section 106 of the 1976 Copyright Act, Title 17, U.S. Code, including specifically, but not limited to, all copyrighted materials, including software, used or useful in the business conducted by Company, including, but not limited to, all rights of copyright anywhere in the world, and any registrations and copyright applications relating thereto and any renewals and extensions thereof, and in and to all works based upon, derived from, or incorporating the works covered by such copyrights, and in and to all causes of action for past infringement based upon said copyrights, and in and to all rights corresponding to the foregoing throughout the world; (b) all know-how, trade secrets, or confidential information used or useful in the business conducted by Company, including all software and all technical data, trade secrets, algorithms, formulae, procedures, protocols, rules of thumb, techniques and results of experimentation and testing, and all information contained in any patent application; and (c) any and all other intellectual property rights in materials or information

used or useful in the business conducted by Company, but excluding any rights that may exist in any trade names, trademarks, or service marks or other designations of origin (hereinafter, all of the intellectual property listed in (i) and (ii) above, shall be referred to as the "Intellectual Property"). The assignment of intellectual property pursuant to 1.(ii)(a) above, shall be effective as of the date that the intellectual property referenced therein was first affixed to tangible media. All other interests assigned pursuant to this assignment shall be effective as of the execution date of this assignment.

Notwithstanding anything to the contrary herein, Company retains the whole of any and all Intellectual Property listed in Exhibit B.

2. THE ASSIGNMENT OF INTELLECTUAL PROPERTY RIGHTS BY TEXTRON RHODE ISLAND TO INNOVATIONS


Textron Rhode Island has assigned, and transferred, and by these presents, Textron Rhode Island hereby does assign, transfer, and deliver to Innovations, its successors, assigns, and legal representatives the whole of any and whatever right, title, and interest Textron Rhode Island may have in and to the Intellectual Property.

3. FURTHER ASSURANCES

Company and Textron Rhode Island hereby further agree, each for itself and its successors, assigns, and legal representatives, to execute upon request any other lawful documents and likewise to perform any other lawful acts that are necessary and useful to secure fully the aforesaid rights, titles, and interests in and to said Intellectual Property to Innovations, its successors, assigns, and legal representatives.

IN WITNESS WHEREOF, the parties have caused this ASSIGNMENT to be duly executed and delivered as of January 10, 2018.


**Textron Inc.**

By:   
Name: Ann T. Willaman  
Title: Assistant Secretary

**Textron Rhode Island Inc.**

By:   
Name: James Runstadler  
Title: President

**Textron Innovations Inc.**

By:   
Name: Ann T. Willaman  
Title: Vice President and Secretary

**Exhibit A**

**PATENTS AND PATENT APPLICATIONS**

Application Number	Filing Date	Patent Number	Issue Date	Country	Title	Owner
15/419,556	1/30/2017			USA	Charging system for lithium battery powered golf car-IP1605127	Textron, Inc.
15/419,570	1/30/2017			USA	Handling a Fault Condition on a Lithium-Battery-Powered Utility Vehicle-IP1605126	Textron, Inc.
15/452,079	3/7/2017			USA	Method for Automatically Setting Battery State of Charge for Storage-IP1605121	Textron, Inc.
62/440,595	1/30/2017			USA	Charging system for lithium battery powered golf car	Textron, Inc.
62/549,241	8/23/2017			USA	A Method for Maximizing Electric Vehicle Availability by Ensuring Charge Integrity	Textron, Inc.
62/552,718	8/31/2017			USA	Interval Based Communications for Battery Management Systems	Textron, Inc.
172104648	12/22/2017			EP	CHARGING A LITHIUM BATTERY ON A UTILITY VEHICLE	Textron, Inc.
172104705	12/22/2017			EP	CONTROLLING ELECTRICAL ACCESS TO A LITHIUM BATTERY ON A UTILITY VEHICLE	Textron, Inc.
172104572	12/22/2017			EP	CONTROLLING AN ELECTRIC BRAKE OF A UTILITY VEHICLE WHICH HAS LITHIUM BATTERY	Textron, Inc.
2017114989287	12/29/2017			CN	CHARGING A LITHIUM BATTERY ON A UTILITY VEHICLE	Textron, Inc.
2017114992218	12/29/2017			CN	CONTROLLING ELECTRICAL ACCESS TO A LITHIUM BATTERY ON A UTILITY VEHICLE	Textron, Inc.
201711499228X	12/29/2017			CN	CONTROLLING AN ELECTRIC BRAKE OF A UTILITY VEHICLE WHICH HAS LITHIUM BATTERY MANAGEMENT SYSTEM	Textron, Inc.

PATENT

REEL: 045479 FRAME: 0522

EZGO 2017 Patent Assigned

15/786629	10/18/2017				USA	A low speed gear for Rock Crawling a UTV without having a multispeed transfer case. -IP1604834	Textron, Inc.
15/444,470	2/28/2017				USA	Advanced CVT Belt Cooling-IP1605125	Textron, Inc.
15/406,969	1/16/2017				USA	Center Facing Rear Seat Kit for Golf Cars and Personal Transport Vehicles-IP1605123	Textron, Inc.
29/605,452	5/26/2017				USA	Halo Light Kit for EZGO TXT-IP1706852	Textron, Inc.
29/605,451	5/26/2017				USA	Hub Cap or Wheel Cover.-IP1706851	Textron, Inc.
15/584,537	5/2/2017				USA	Vehicle Canopy Add-On Extension-IP1605122	Textron, Inc.
29/625,600	11/10/2017				USA	Halo Light Kit for EZGO RXV-IP1605124	Textron, Inc.
15/674,131	8/10/2017				USA	RPM Limiting Throttle Control.-IP1604835	Textron, Inc.

**Exhibit B**

**RETAINED INTELLECTUAL PROPERTY**