

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT7310756

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BELL TEXTRON RHODE ISLAND INC.	01/01/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	TEXTRON INNOVATIONS INC.
<b>Street Address:</b>	40 WESTMINSTER STREET
<b>City:</b>	PROVIDENCE
<b>State/Country:</b>	RHODE ISLAND
<b>Postal Code:</b>	02903
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17732879
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(214)780-1401
<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>	(214) 780-1380
<b>Email:</b>	jbabin@shackelford.law
<b>Correspondent Name:</b>	SHACKELFORD
<b>Address Line 1:</b>	9201 N. CENTRAL EXPRESSWAY
<b>Address Line 2:</b>	FOURTH FLOOR
<b>Address Line 4:</b>	DALLAS, TEXAS 75231
<b>ATTORNEY DOCKET NUMBER:</b>	RR60388.P090C1
<b>NAME OF SUBMITTER:</b>	JOY BABIN
<b>SIGNATURE:</b>	/Joy Babin/
<b>DATE SIGNED:</b>	05/03/2022
<b>Total Attachments: 9</b>	
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## ASSIGNMENT

WHEREAS, Bell 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 Bell Textron Rhode Island Inc., a Delaware corporation ("Bell Textron Rhode Island");

WHEREAS, Bell 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, Bell 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:

### I. THE ASSIGNMENT OF INTELLECTUAL PROPERTY RIGHTS BY COMPANY TO BELL TEXTRON RHODE ISLAND

Company has assigned, and transferred, and by these presents, Company hereby does assign, transfer, and deliver to Bell 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, 2019 and up to December 31, 2019: (a) all of Company's works of authorship, copyrightable works and those works to which Company owns any of the rights stated in Section 105 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 BELL TEXTRON RHODE ISLAND TO INNOVATIONS

Bell Textron Rhode Island has assigned, and transferred, and by these presents, Bell 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 Bell Textron Rhode Island may have in and to the Intellectual Property.

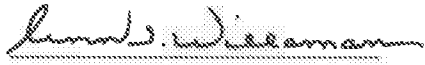
3. FURTHER ASSURANCES

Company and Bell 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 1, 2020.

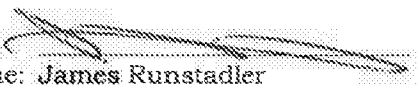
**Bell Textron Inc.**

By:

  
Name: Ann T. Willaman  
Title: Assistant Secretary

**Bell Textron Rhode Island Inc.**

By:

  
Name: James Runstadler  
Title: President

**Textron Innovations Inc.**

By:

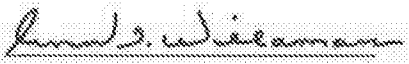
  
Name: Ann T. Willaman  
Title: Vice President and Secretary

Exhibit A

**PATENTS AND PATENT APPLICATIONS**

Winstead 2019 Applications Filed

Patent Report By Invention  
Search Criteria

Printed On: 24 Jan 2020 10:03:51AM

Filed Date [BETWEEN] 2019-01-01 [AND] 2019-12-31

Display Options

Client Ref All

COUNTRY	REFERENCE #	CLIENT REFERENCE #	TYPE	FILED	SERIAL #	ISSUED	PATENT #	STATUS
<b>ADAPTIVE ALGORITHM-BASED ENGINE HEALTH PREDICTION</b>								
UNITED STATES	60388-P022C1	15-043C	CON	11 Apr 2019	16/381416			PUBLISHED
<b>ADDITIVE MANUFACTURE PROPROTOR BLADE</b>								
UNITED STATES	60388-P084US	P53-028	NEW	02 Oct 2019	16/590618			PENDING
<b>AUTOMATED TREND DETECTION</b>								
UNITED STATES	60388-P074US	19-037	NEW	21 Aug 2019	16/547182			PENDING
EUROPEAN PATENT	60388-P074EP	19-037EP	CEQ	09 Oct 2019	192023328.1			PENDING
<b>AUTONOMOUS SEABASED RESUPPLY SYSTEM</b>								
UNITED STATES	60388-P090US	P53-036	NEW	14 Nov 2019	16/683521			PENDING
<b>WIONIC SLIDING RACK</b>								
UNITED STATES	60388-P062US	18-134	NEW	04 Apr 2019	16/374967			PENDING
<b>WIONIC SLIDING RACK</b>								
UNITED STATES	60388-P076US	19-029	NEW	08 Aug 2019	16/536086			PENDING
<b>BEARING FOR AXIAL STIFFENING</b>								
UNITED STATES	60388-P060US	18-135	NEW	11 Feb 2019	16/272091			PENDING

PATENT

COUNTER-ROTATING TAIL ROTOR

UNITED STATES 60388-P067US NEW 10 Jun 2019 16/435406 PENDING

DEDICATED CORE FLOW INLET FOR CONVERTIBLE ENGINE

UNITED STATES 60388-P054US NEW 18 Jan 2019 16/251562 PENDING

DUAL MOTOR INPUT WITH OVERRUNNING CLUTCH

UNITED STATES 60388-P071US NEW 16 May 2019 16/414402 PENDING

EUROPEAN PATENT 60388-P071EP CEO 31 Oct 2019 19206670.2 PENDING

DUCT WITH OPTIMIZED HORIZONTAL STATOR SHAPE

UNITED STATES 60388-P069US NEW 14 Jun 2019 16/442180 PENDING

DYNAMICALLY ISOLATED PYLON

UNITED STATES 60388-P081US NEW 30 Sep 2019 16/588097 PENDING

ELASTOMERIC PITCH LOCK RESTRAINT

UNITED STATES 60388-P086US NEW 17 Oct 2019 16/655855 PENDING

ELECTRIC DISTRIBUTED PROPULSION WITH DIFFERENT ROTOR ROTATIONAL SPEEDS

UNITED STATES 60388-P058US NEW 15 Mar 2019 16/354591 PENDING

ENGAGEMENT AND DISENGAGEMENT OF TAIL ROTOR

UNITED STATES 60388-P063US NEW 11 Apr 2019 16/382062 PENDING

FLEXIBLE COUPLING FOR STANDPIPE ASSEMBLY

EUROPEAN PATENT CON 60388-P021EP CEO 01 Feb 2019 19155134.0 PUBLISHED

PATENT

**HIGH-SPEED HYBRID PROPULSION FOR AIRCRAFT**

EUROPEAN PATENT COP 60388-P052EP CEO 21 Oct 2019 18204451.9  
P53-016EP

PENDING

**HYBRID ROTOR PROPULSION FOR ROTOR AIRCRAFT**

UNITED STATES 60388-P057US NEW 06 Mar 2019 16/294349  
P17-056

PENDING

**LENGTH ADJUSTABLE LINK**

UNITED STATES 60388-P087US NEW 17 Oct 2019 16/655400  
P53-033

PENDING

**LOW-DRAG FAIRING AND ROTOR ASSEMBLY**

UNITED STATES 60388-P073US NEW 20 Jun 2019 16/447618  
C19-008

PENDING

**LOW-DRAG ROTOR BLADE EXTENSION**

UNITED STATES 60388-P065US NEW 20 Jun 2019 16/447421

PENDING

**METHOD AND APPARATUS FOR AN ENGINE INLET FOR A RAM-AIR SYSTEM WITH AN ICING BYPASS**

UNITED STATES 60388-P036US NEW 06 Mar 2019 16/294266  
18-052

PENDING

**METHOD AND APPARATUS FOR PROXIMITY CONTROL BETWEEN ROTATING AND NON-ROTATING AIRCRAFT COMPONENTS**

UNITED STATES 60388-P037P1 CIP 02 May 2019 16/401332  
19-032

ALLOWED

**METHOD AND APPARATUS FOR PROXIMITY CONTROL BETWEEN ROTATING AND NON-ROTATING AIRCRAFT COMPONENTS**

EUROPEAN PATENT COP 60388-P037EP CEO 09 May 2019 19173625.5  
18-054 EP

PUBLISHED

**METHOD AND SYSTEM FOR DETERMINING ROTOR STATES**

UNITED STATES 60388-P061V1 NEW 11 Mar 2019 62/816382  
19-014

PENDING

UNITED STATES 60388-P061US FCA 08 Nov 2019 16/678009  
19-014

PENDING

**PATENT**



**METHOD OF IDENTIFYING AND REMOVING AGGREGATE**

UNITED STATES 60388-P064US NEW 01 Nov 2019 16/671868 PENDING  
19-005

**METHOD OF IMPROVING A STABILITY SPEED OF A TILTROTOR AIRCRAFT**

EUROPEAN PATENT CON 60388-P043EP CEO 21 Oct 2019 19204450.1 PENDING  
IN058-17EP

**MULTI-ROTOR HIGH-PERFORMANCE DESCENT METHOD AND SYSTEM**

UNITED STATES 60388-P066US NEW 12 Jun 2019 16/439482 PENDING  
IN024-19

**MULTI-ROTOR NOISE CONTROL BY AUTOMATED DISTRIBUTION PROPULSION**

UNITED STATES 60388-P072US NEW 14 Jun 2019 16/441554 PENDING  
IN066-19

UNITED STATES 60388-P072P1 CIP 24 Sep 2019 16/580458 PENDING  
IN066-19F

**OVER-CENTERING BLADE LOCK**

UNITED STATES 60388-P086US NEW 11 Oct 2019 16/599471 PENDING  
P53-031

**PASSIVE PLANETARY EMERGENCY LUBRICATION SYSTEM**

UNITED STATES 60388-P079US NEW 18 Oct 2019 16/657166 PENDING  
19-019

**PEAK POWER USE WITH PILOT MONITORING**

EUROPEAN PATENT CON 60388-P039EP CEO 25 Jul 2019 19188363.4 PENDING  
P17-047

**ROTATING ELECTRIC DISTRIBUTED ANTI-TORQUE FIN**

UNITED STATES 60388-P059US NEW 19 Mar 2019 16/358288 PENDING  
P17-040

**SPRING-LOADED LINK**

UNITED STATES 60388-P089US NEW 11 Oct 2019 16/599483 PENDING  
P53-035

**PATENT**

**STOWED BLADE ACTIVE RESTRAINT**

UNITED STATES 60388-P083US NEW 27 Sep 2019 16/585975 PENDING  
P53-027

**STOWED BLADE PNEUMATIC CLAMP**

UNITED STATES 60388-P082US NEW 18 Sep 2019 16/574459 PENDING  
P53-026

**SYSTEM AND METHOD FOR ADJUSTABLE BALLAST**

UNITED STATES 60388-P076US NEW 29 Aug 2019 16/555515 PENDING  
19-028

**SYSTEM AND METHOD FOR ADJUSTABLE BALLAST**

UNITED STATES 60388-P077US NEW 29 Aug 2019 16/555655 PENDING  
19-028.02

**EUROPEAN PATENT**

60388-P077EP NEW 01 Nov 2019 19206710.6 PENDING  
19-028.02EP

**SYSTEMS AND METHODS FOR CONTROLLED FILTERING OF AIRCRAFT CONTROL INPUT**

EUROPEAN PATENT CON 60388-P024EP NEW 16 May 2019 19174912.8 PUBLISHED  
17-091

**TAIL ROTOR CYCLIC CONTROL FOR PITCH ATTITUDE ADJUSTMENT**

UNITED STATES 60388-P056US NEW 15 Feb 2019 16/277504 PENDING  
P17-054

**TENSION-TORSION STRAP**

UNITED STATES 60388-P056US NEW 15 Mar 2019 16/354421 PENDING  
P17-055

**THERMOSTATICALLY CONTROLLED EMERGENCY LUBRICANT SYSTEM**

UNITED STATES 60388-P078US NEW 18 Oct 2019 16/657331 PENDING  
19-018

**COOL GUARD**

UNITED STATES 60388-P091US NEW 11 Sep 2019 16/567546 PENDING  
19-054

**PATENT**

VARIABLE SPEED ROTOR WITH SLOW ROTATION MODE

EUROPEAN PATENT CON 60388-P040EP CEQ 02 Jul 2019 19184012.3

PENDING

VTOL AIRCRAFT WITH LEADING EDGE TILTING DUCTED FANS

UNITED STATES 60388-P068US NEW 12 Jun 2019 16/436591

PENDING

VTOL AIRCRAFT WITH TILTING ROTORS AND TILTING DUCTED FANS

UNITED STATES 60388-P070US NEW 14 Jun 2019 16/442286

PENDING