

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT7479089

<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 INC.	01/01/2021
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BELL TEXTRON RHODE ISLAND 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>	17883148
<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) 780-1375
<b>Email:</b>	tbutler@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.P107C1
<b>NAME OF SUBMITTER:</b>	ROSS T. ROBINSON
<b>SIGNATURE:</b>	/Ross T. Robinson/
<b>DATE SIGNED:</b>	08/10/2022
<b>Total Attachments: 6</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:

### 1. 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, 2020 and up to December 31, 2020: (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 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, 2021.


**Bell Textron Inc.**

By:   
Name: Jayne Donegan  
Title: Assistant Secretary

**Bell Textron Rhode Island Inc.**

By:   
Name: Fletcher Thomson  
Title: Vice President

**Textron Innovations Inc.**

By:   
Name: James Runstadler  
Title: President

**Exhibit A**

**PATENTS AND PATENT APPLICATIONS**

Shackelford - Bell 2020

Serial #	Filing Date	Title	Sell ID	IB Billing No.	Shackelford Ref.
16/743988	1/15/2020	GEARBOX INTERNAL SENSOR INTEGRATION	19-053	TRAN190074009	RR60388.P092US
20152387.5	1/17/2020	ELECTRIC DISTRIBUTED PROPULSION WITH DIFFERENT ROTOR ROTATIONAL SPEEDS	P17-057EP	IPFF2019974	RR60388.P058EP
20152388.3	1/17/2020	ENGAGEMENT AND DISENGAGEMENT OF TAIL ROTOR	19-002	IPFF2019976	RR60388.P063EP
16/750411	1/23/2020	MAST BEARING RACE	19-068	TRAN190074010	RR60388.P093US
16/750111	1/23/2020	STATIC ROTOR BLADE ASSEMBLY BALANCING	19-070	TRAN190074012	RR60388.P095US
16/775531	1/29/2020	HYBRID LOW SPEED CONTROL	19-071	TRAN190074013	RR60388.P096US
16/778269	1/31/2020	POWER LINE INSPECTION VEHICLE	INC96-19	TRAN190074031	RR60388.P101US
16/791198	2/14/2020	ELECTRIC AERIAL SKY TRAM	INC93-19	TRAN190074030	RR60388.P100US
16/795803	2/20/2020	SELF-ALIGNING DOOR BOGIE	19-072	TRAN190074014	RR60388.P097US
16/797342	2/21/2020	DOWNLOAD REDUCING WINGLETS	C20-002	TRAN200074067	RR60388.P107US
16/804137	2/28/2020	PROBELESS AIRSPEED AND ANGLE OF ATTACK MEASUREMENTS FOR PROPELLER DRIVEN VEHICLES	IN126-19	TRAN190074035	RR60388.P106US
16/806205	3/2/2020	COMPACT ADJUSTABLE LINK	IN117-19	TRAN190074032	RR60388.P102US
16/805962	3/2/2020	LATTICE STRUCTURE CUSHIONS FOR AIRCRAFT FUEL SYSTEMS	IN118-19	TRAN190074034	RR60388.P105US
16/809940	3/5/2020	RUDDER TWIST LOCK METHOD AND APPARATUS	INC68-17	IPFF202066	RR60388.P019D1
16/811088	3/6/2020	CONCENTRIC PROBE	19-074	TRAN190074015	RR60388.P098US
62/987970	3/11/2020	ROCKET-TURBINE-POWERED VTOL AIRCRAFT	INC25-20	TRAN200074108	RR60388.P115V1
16/816577	3/12/2020	DOWNLOAD REDUCING WINGTIPS	C20-003	TRAN200074068	RR60388.P108US
16/861059	4/28/2020	OIL PUMP RECEIVING BORE LIP	INC94-19	TRAN200074073	RR60388.P113US
16/866288	5/4/2020	METHOD OF QUANTIFYING RESIN	19-076	TRAN190074020	RR60388.P099US

PATENT

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Shackelford - Bell 2020

16/887526	5/29/2020	CERAMIC BEARING SYSTEM	IN117-19	TRAN190073955	RR60388.P104US
16/889458	6/1/2020	GEARBOX WITH COAXIAL INPUT AND OUTPUT SHAFTS	IN042-20	TRAN200074184	RR60388.P119US
16/916353	6/2/2020	ROTOR RETENTION FITTING WITH INTEGRAL BEARING AND PITCH CONTROL	IN057-18	TRAN200074076	RR60388.P114US
16/891971	6/3/2020	DISTRIBUTED PROPULSION WITH THERMAL MANAGEMENT	P17-071	TRAN200074070	RR60388.P110US
16/893029	6/4/2020	CONTINUOUS VARIABLE PITCH ROTOR SYSTEM	P17-062	TRAN200074075	RR60388.P109US
16/896082	6/8/2020	VERTICAL-LIFT AUGMENTATION SYSTEM	IN015-20	TRAN200074182	RR60388.P125US
16/899295	6/11/2020	SYSTEM AND METHOD FOR ADJUSTABLE BALLAST	19-028.03	IPFF2020086	RR60388.P075P1
16/905657	6/18/2020	ELECTRIC DISTRIBUTED ANTI-TORQUE ARCHITECTURE	P17-072	TRAN200074071	RR60388.P111US
16/908471	6/22/2020	DISTRIBUTED BATTERY BANK FOR DUCTED-ROTOR AIRCRAFT	IN008-20	TRAN200074181	RR60388.P124US
16/912626	6/25/2020	ABSOLUTE AND RELATIVE IMPORTANCE TREND DETECTION	20-008	TRAN200074155	RR60388.P117US
16/915877	6/29/2020	IMPROVED BLADE FLAPPING MEASUREMENT PROCESS	19-040	TRAN190073826	RR60388.P080US
16/915602	6/29/2020	SEALED COAXIAL INPUT AND OUTPUT SHAFTS	IN023-20	TRAN200074183	RR60388.P118US
16/917547	6/30/2020	COLLAPSIBLE PYLONS FOR DRONE AIRCRAFT	IN113-19	TRAN190074033	RR60388.P103US
17/018562	9/11/2020	SINGLE SPOKE SPINNER SUPPORT	19-069	TRAN190074011	RR60388.P094US
17/036942	9/29/2020	DUCTED FAN ASSEMBLY WITH A MOVABLE LEADING EDGE	IN142-19	TRAN200074178	RR60388.P121US
17/037082	9/29/2020	DUCTED FAN ASSEMBLY WITH BLADE IN LEADING EDGE	IN002-20	TRAN200074179	RR60388.P122US
17/037190	9/29/2020	DUCTED FAN ASSEMBLY WITH MATERIAL-FILLED CAVITY IN LEADING EDGE	IN003-20	TRAN200074180	RR60388.P123US
17/036798	9/29/2020	DUCTED FAN ASSEMBLY FOR AN AIRCRAFT	IN141-19	TRAN200074185	RR60388.P120US
17/063989	10/6/2020	MASKING TOOL SYSTEM AND METHOD	18-035D1	IPFF2020160	RR60388.P029D1
17/068767	10/12/2020	BEARING FOR AXIAL STIFFENING	18-135C1	IPFF2020165	RR60388.P060C1

Shackelford - Bell 2020

EP20204595.1	10/29/2020	HYBRID LOW SPEED CONTROL	19-071EP	IPFF2020171	RR60388.P096EP
EP20204606.6	10/29/2020	POWER LINE INSPECTION VEHICLE	INC96-19EP	IPFF2020173	RR60388.P101EP
17/094340	11/10/2020	GAS GENERATOR SPEED LIMIT AND POWER RECOVERY	18-124	TRAN200074305	RR60388.P126US
17/107048	11/30/2020	MODELING AND INTEGRATING ENGINE INSTALLATION DELTAS	20-010	TRAN200074307	RR60388.P128US
17/106580	11/30/2020	AIRCRAFT WITH ASYMMETRIC ROTORS	INC19-20	TRAN200074319	RR60388.P135US
17/106481	11/30/2020	LOW-NOISE ROTOR CONFIGURATIONS	INC35-20	TRAN200074323	RR60388.P138US
17/106514	11/30/2020	COOLING ANTI-TORQUE SYSTEM	INC40-30	TRAN200074325	RR60388.P140US
17/111261	12/3/2020	SYSTEMS AND METHODS FOR EXECUTING AIRCRAFT TAKE-OFF AND LANDING EVENTS	INC61-1701	IPFF2020187	RR60388.P044DI
17/111224	12/3/2020	INTEGRATED FLIGHT BATTERY CARGO PLATFORM	INC36-20	TRAN200074324	RR60388.P139US
17/116778	12/9/2020	DETECT AND AVOID SENSOR INTEGRATION	INC17-20	TRAN200074085	RR60388.P134US
17/116726	12/9/2020	LOW NOISE DUCTED FAN	INC41-20	TRAN200074326	RR60388.P141US
17/118265	12/10/2020	METHOD AND SYSTEM FOR EVALUATING ROTOR-MAST FATIGUE DAMAGE	20-033	TRAN200074310	RR60388.P131US
17/119703	12/11/2020	PYLON CONVERSION ACTUATOR FOR TILTROTOR AIRCRAFT	19-075	TRAN200074154	RR60388.P116US