

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6049013

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	BELL HELICOPTER TEXTRON INC.	01/25/2016
RECEIVING PARTY DATA		
Name:	TEXTRON INNOVATIONS INC.	
Street Address:	40 WESTMINSTER STREET	
City:	PROVIDENCE	
State/Country:	RHODE ISLAND	
Postal Code:	02903	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Patent Number:	10040534
CORRESPONDENCE DATA		
Fax Number:		
<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>		
Email:	Lawrence@YoustPLLC.com	
Correspondent Name:	LAWRENCE R. YOUST	
Address Line 1:	2200 VICTORY AVENUE, SUITE 2604	
Address Line 4:	DALLAS, TEXAS 75219	
ATTORNEY DOCKET NUMBER:	16-122	
NAME OF SUBMITTER:	LAWRENCE R. YOUST	
SIGNATURE:	/Lawrence R. Youst/	
DATE SIGNED:	04/06/2020	
Total Attachments: 19		
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ASSIGNMENT

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

WHEREAS, Bell Helicopter 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 Helicopter 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 HELICOPTER RHODE ISLAND

Company has assigned, and transferred, and by these presents, Company hereby does assign, transfer, and deliver to Bell Helicopter 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, 2015 and up to December 31, 2015: (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 HELICOPTER RHODE ISLAND TO INNOVATIONS

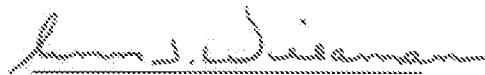
Bell Helicopter Rhode Island has assigned, and transferred, and by these presents, Bell Helicopter Rhode Island hereby does assign, transfer, and deliver to Innovations, its successors, assigns, and legal representatives the whole of any and whatever right, title, and interest Bell Helicopter Rhode Island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

3. FURTHER ASSURANCES

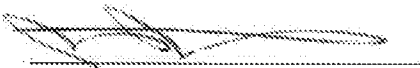
Company and Bell Helicopter Rhode Island hereby further agree, each for itself and its successors, assigns, and legal representatives, to execute upon request any other lawful documents and likewise to perform any other lawful acts that are necessary and useful to secure fully the aforesaid rights, titles, 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 25, 2016.

Bell Helicopter Textron Inc.

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

Bell Helicopter 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

2015 Bell Patent Asgmt Schedule

Application Number	Filing Date	Patent Number	Date Issued	Country	Title	Assignee	Firm
13/316061	12/9/2011	8961138	2/24/2015	USA	Preventing Rotation of a Fixed Ring of a Swashplate	Bell Helicopter Textron Inc.	Baker Botts
12150685.1	1/10/2012	2602186	9/30/2015	EPC	Preventing Rotation of a Fixed Ring of a Swashplate	Bell Helicopter Textron Inc.	Baker Botts
12150685.1	1/10/2012	2602186	9/30/2015	Germany	Preventing Rotation of a Fixed Ring of a Swashplate	Bell Helicopter Textron Inc.	Baker Botts
12150685.1	1/10/2012	2602186	9/30/2015	France	Preventing Rotation of a Fixed Ring of a Swashplate	Bell Helicopter Textron Inc.	Baker Botts
12150685.1	1/10/2012	2602186	9/30/2015	Great Britain	Preventing Rotation of a Fixed Ring of a Swashplate	Bell Helicopter Textron Inc.	Baker Botts
12150685.1	1/10/2012	2602186	9/30/2015	Italy	Preventing Rotation of a Fixed Ring of a Swashplate	Bell Helicopter Textron Inc.	Baker Botts
13/350325	1/13/2012	9156237	10/13/2015	USA	Attachable Elastomeric Pad	Bell Helicopter Textron Inc.	Baker Botts
13/561871	7/30/2012	8998181	4/7/2015	USA	System and Method for Vibration Isolation	Bell Helicopter Textron Inc.	Baker Botts
13/659547	10/24/2012	9193454	11/24/2015	USA	System and Method for Providing for Collective Control in an Aircraft	Bell Helicopter Textron Inc.	Baker Botts
2798339	12/7/2012	2798339	10/20/2015	Canada	Preventing Rotation of a Fixed Ring of a Swashplate	Bell Helicopter Textron Inc.	Baker Botts
2822655	7/29/2013	2822655	11/24/2015	Canada	SYSTEM AND METHOD FOR VIBRATION ISOLATION		Baker Botts
2822655	7/30/2013	2822655	11/24/2015	Canada	System and Method for Vibration Isolation	Bell Helicopter Textron Inc.	Baker Botts
2841971	8/14/2013	284971	8/4/2015	Canada	System and Method for Vibration Isolation	Bell Helicopter Textron Inc.	Baker Botts

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12161697.9	3/28/2012	EP2628681B1	12/9/2015	EPC	Pitch link alignment tool		Barker
13153193.1	1/30/2013	EP 2 626 297 B1	12/30/2015	EPC	Integrated Aircraft Flight Control Units		Barker
13171125.1	6/7/2013	EP2772343B1	12/30/2015	EPC	Method of manufacturing composite core		Barker

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14153240.8	1/30/2014	2779422	9/23/2015	GERMANY	SERIES BATTERY START CONTROLLER		Fish & Richardson
14153240.8	1/30/2014	2779422	9/23/2015	FRANCE	SERIES BATTERY START CONTROLLER		Fish & Richardson
14153240.8	1/30/2014	2779422	9/23/2015	UK	SERIES BATTERY START CONTROLLER		Fish & Richardson
14153240.8	1/30/2014	2779422	9/23/2015	ITALY	SERIES BATTERY START CONTROLLER		Fish & Richardson
14153504.7	1/31/2014	2778050	8/12/2015	GERMANY	ACTIVE VIBRATION ISOLATION SYSTEM		Fish & Richardson
14153504.7	1/31/2014	2778050	8/12/2015	FRANCE	ACTIVE VIBRATION ISOLATION SYSTEM		Fish & Richardson
14153504.7	1/31/2014	2778050	8/12/2015	UK	ACTIVE VIBRATION ISOLATION SYSTEM		Fish & Richardson
14153504.7	1/31/2014	2778050	8/12/2015	ITALY	ACTIVE VIBRATION ISOLATION SYSTEM		Fish & Richardson
14153800.9	2/4/2014	2777917	12/2/2015	GERMANY	SYSTEMS AND METHODS OF CONSTRUCTING COMPOSITE ASSEMBLIES		Fish & Richardson
14153800.9	2/4/2014	2777917	12/2/2015	FRANCE	SYSTEMS AND METHODS OF CONSTRUCTING COMPOSITE ASSEMBLIES		Fish & Richardson
14153800.9	2/4/2014	2777917	12/2/2015	UK	SYSTEMS AND METHODS OF CONSTRUCTING COMPOSITE ASSEMBLIES		Fish & Richardson
14153800.9	2/4/2014	2777917	12/2/2015	ITALY	SYSTEMS AND METHODS OF CONSTRUCTING COMPOSITE ASSEMBLIES		Fish & Richardson
12190291.0	10/26/2012	2708464	8/5/2015	EPC	VERTICAL SUPPORT SYSTEM		Fish and Richardson
12190291.0	10/26/2012	2708464	8/5/2015	France	VERTICAL SUPPORT SYSTEM		Fish and Richardson
12190291.0	10/26/2012	2708464	8/5/2015	UK	VERTICAL SUPPORT SYSTEM		Fish and Richardson
12190291.0	10/26/2012	2708464	8/5/2015	Italy	VERTICAL SUPPORT SYSTEM		Fish and Richardson
12190291.0	10/26/2012	2708464	8/5/2015	Germany	VERTICAL SUPPORT SYSTEM		Fish and Richardson
13167389.9	5/10/2013	2778445	8/12/2015	EPC	SHAFT FOR GEARBOX SYSTEMS TO LIMIT WEAR AND CORROSION		Fish and Richardson
13167389.9	5/10/2013	2778445	8/12/2015	France	SHAFT FOR GEARBOX SYSTEMS TO LIMIT WEAR AND CORROSION		Fish and Richardson
13167389.9	5/10/2013	2778445	8/12/2015	UK	SHAFT FOR GEARBOX SYSTEMS TO LIMIT WEAR AND CORROSION		Fish and Richardson
13167389.9	5/10/2013	2778445	8/12/2015	Italy	SHAFT FOR GEARBOX SYSTEMS TO LIMIT WEAR AND CORROSION		Fish and Richardson

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13167389.9	5/10/2013	2778445	8/12/2015	Germany	SHAFT FOR GEARBOX SYSTEMS TO LIMIT WEAR AND CORROSION		Fish and Richardson
13168626.3	5/21/2013	2778052	3/4/2015	EPC	Flexible Clevis Arrangement Bolted Joint Attachment for a Flexible Rotor Hub with High Offset and High Flapping		Fish and Richardson
13168626.3	5/21/2013	2778052	3/4/2015	France	Flexible Clevis Arrangement Bolted Joint Attachment for a Flexible Rotor Hub with High Offset and High Flapping		Fish and Richardson
13168626.3	5/21/2013	2778052	3/4/2015	UK	Flexible Clevis Arrangement Bolted Joint Attachment for a Flexible Rotor Hub with High Offset and High Flapping		Fish and Richardson
13168626.3	5/21/2013	2778052	3/4/2015	Italy	Flexible Clevis Arrangement Bolted Joint Attachment for a Flexible Rotor Hub with High Offset and High Flapping		Fish and Richardson
13168626.3	5/21/2013	2778052	3/4/2015	Germany	Flexible Clevis Arrangement Bolted Joint Attachment for a Flexible Rotor Hub with High Offset and High Flapping		Fish and Richardson
13168634.7	5/21/2013	2778062	4/29/2015	EPC	Gimbalead Tail Rotor Hub w/Spherical Elastomeric C.F. Bearing for Blade Retention and Pitch Change Articulation		Fish and Richardson
13168634.7	5/21/2013	2778062	4/29/2015	France	Gimbalead Tail Rotor Hub w/Spherical Elastomeric C.F. Bearing for Blade Retention and Pitch Change Articulation		Fish and Richardson
13168634.7	5/21/2013	2778062	4/29/2015	UK	Gimbalead Tail Rotor Hub w/Spherical Elastomeric C.F. Bearing for Blade Retention and Pitch Change Articulation		Fish and Richardson
13168634.7	5/21/2013	2778062	4/29/2015	Italy	Gimbalead Tail Rotor Hub w/Spherical Elastomeric C.F. Bearing for Blade Retention and Pitch Change Articulation		Fish and Richardson
13168634.7	5/21/2013	2778062	4/29/2015	Germany	Gimbalead Tail Rotor Hub w/Spherical Elastomeric C.F. Bearing for Blade Retention and Pitch Change Articulation		Fish and Richardson
13171411.5	6/11/2013	2778058	4/15/2015	EPC	MULTILINK CONSTANT VELOCITY JOINT		Fish and Richardson
13171411.5	6/11/2013	2778058	4/15/2015	France	MULTILINK CONSTANT VELOCITY JOINT		Fish and Richardson
13171411.5	6/11/2013	2778058	4/15/2015	UK	MULTILINK CONSTANT VELOCITY JOINT		Fish and Richardson
13171411.5	6/11/2013	2778058	4/15/2015	Italy	MULTILINK CONSTANT VELOCITY JOINT		Fish and Richardson
13171411.5	6/11/2013	2778058	4/15/2015	Germany	MULTILINK CONSTANT VELOCITY JOINT		Fish and Richardson
13194426.6	11/26/2013	2865989	7/29/2015	EPC	ESTIMATING THICKNESS OF A MATERIAL LAYER ON AN AIRCRAFT		Fish and Richardson
13194426.6	11/26/2013	2865989	7/29/2015	France	ESTIMATING THICKNESS OF A MATERIAL LAYER ON AN AIRCRAFT		Fish and Richardson
13194426.6	11/26/2013	2865989	7/29/2015	UK	ESTIMATING THICKNESS OF A MATERIAL LAYER ON AN AIRCRAFT		Fish and Richardson
13194426.6	11/26/2013	2865989	7/29/2015	Italy	ESTIMATING THICKNESS OF A MATERIAL LAYER ON AN AIRCRAFT		Fish and Richardson
13194426.6	11/26/2013	2865989	7/29/2015	GERMANY	ESTIMATING THICKNESS OF A MATERIAL LAYER ON AN AIRCRAFT		Fish and Richardson
12190291.0	10/26/2012	2708464	8/5/2015	GERMANY	VERTICAL SUPPORT SYSTEM		Fish and Richardson
12190291.0	10/26/2012	2708464	8/5/2015	EPC	VERTICAL SUPPORT SYSTEM		Fish and Richardson
12190291.0	10/26/2012	2708464	8/5/2015	FRANCE	VERTICAL SUPPORT SYSTEM		Fish and Richardson

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12190291.0	10/26/2012	2708464	8/5/2015	UK	VERTICAL SUPPORT SYSTEM		Fish and Richardson
12190291.0	10/26/2012	2708464	8/5/2015	ITALY	VERTICAL SUPPORT SYSTEM		Fish and Richardson
13167389.9	5/10/2013	2778445	8/12/2015	GERMANY	SHAFT FOR GEARBOX SYSTEMS TO LIMIT WEAR AND CORROSION		Fish and Richardson
13167389.9	5/10/2013	2778445	8/12/2015	EPC	SHAFT FOR GEARBOX SYSTEMS TO LIMIT WEAR AND CORROSION		Fish and Richardson
13167389.9	5/10/2013	2778445	8/12/2015	FRANCE	SHAFT FOR GEARBOX SYSTEMS TO LIMIT WEAR AND CORROSION		Fish and Richardson
13167389.9	5/10/2013	2778445	8/12/2015	UK	SHAFT FOR GEARBOX SYSTEMS TO LIMIT WEAR AND CORROSION		Fish and Richardson
13167389.9	5/10/2013	2778445	8/12/2015	ITALY	SHAFT FOR GEARBOX SYSTEMS TO LIMIT WEAR AND CORROSION		Fish and Richardson
13168626.3	5/21/2013	2778052	3/4/2015	GERMANY	FLEXING CLEVIS ARRANGEMENT BOLTED JOINT		Fish and Richardson
13168626.3	5/21/2013	2778052	3/4/2015	EPC	FLEXING CLEVIS ARRANGEMENT BOLTED JOINT		Fish and Richardson
13168626.3	5/21/2013	2778052	3/4/2015	FRANCE	FLEXING CLEVIS ARRANGEMENT BOLTED JOINT		Fish and Richardson
13168626.3	5/21/2013	2778052	3/4/2015	UK	FLEXING CLEVIS ARRANGEMENT BOLTED JOINT		Fish and Richardson
13168626.3	5/21/2013	2778052	3/4/2015	ITALY	FLEXING CLEVIS ARRANGEMENT BOLTED JOINT		Fish and Richardson
13168634.7	5/21/2013	602013001601.1	4/29/2015	GERMANY	GIMBALED TAIL ROTOR HUB WITH ELASTOMERIC CENTRIFUGAL FORCE BEARING FOR BLADE RETENTION AND PITCH CHANGE ARTICULATION		Fish and Richardson
13168634.7	5/21/2013	2778062	4/29/2015	EPC	GIMBALED TAIL ROTOR HUB WITH ELASTOMERIC CENTRIFUGAL FORCE BEARING FOR BLADE RETENTION AND PITCH CHANGE ARTICULATION		Fish and Richardson
13168634.7	5/21/2013	2778062	4/29/2015	FRANCE	GIMBALED TAIL ROTOR HUB WITH SPHERICAL ELASTOMERIC CENTRIFUGAL FORCE BEARING FOR		Fish and Richardson
13168634.7	5/21/2013	2778062	4/29/2015	UK	GIMBALED TAIL ROTOR HUB WITH SPHERICAL ELASTOMERIC CENTRIFUGAL FORCE BEARING FOR		Fish and Richardson
13168634.7	5/21/2013	2778062	4/29/2015	ITALY	GIMBALED TAIL ROTOR HUB WITH SPHERICAL ELASTOMERIC CENTRIFUGAL FORCE BEARING FOR		Fish and Richardson
13171411.5	6/11/2013	2778058	4/15/2015	GERMANY	MULTILINK CONSTANT VELOCITY JOINT		Fish and Richardson
13171411.5	6/11/2013	2778058	4/15/2015	EPC	MULTILINK CONSTANT VELOCITY JOINT		Fish and Richardson
13171411.5	6/11/2013	2778058	4/15/2015	FRANCE	MULTILINK CONSTANT VELOCITY JOINT		Fish and Richardson
13171411.5	6/11/2013	2778058	4/15/2015	UK	MULTILINK CONSTANT VELOCITY JOINT		Fish and Richardson
13171411.5	6/11/2013	2778058	4/15/2015	ITALY	MULTILINK CONSTANT VELOCITY JOINT		Fish and Richardson
13194426.6	11/26/2013	2865989	7/29/2015	GERMANY	ESTIMATING THICKNESS OF A MATERIAL LAYER ON AN AIRCRAFT		Fish and Richardson
13194426.6	11/26/2013	2865989	7/29/2015	EPC	ESTIMATING THICKNESS OF A MATERIAL LAYER ON AN AIRCRAFT		Fish and Richardson

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13194426.6	11/26/2013	2865989	7/29/2015	FRANCE	ESTIMATING THICKNESS OF A MATERIAL LAYER ON AN AIRCRAFT		Fish and Richardson
13194426.6	11/26/2013	2865989	7/29/2015	UK	ESTIMATING THICKNESS OF A MATERIAL LAYER ON AN AIRCRAFT		Fish and Richardson
13194426.6	11/26/2013	2865989	7/29/2015	ITALY	ESTIMATING THICKNESS OF A MATERIAL LAYER ON AN AIRCRAFT		Fish and Richardson
14152689.7	1/27/2014	2778057	9/16/2015	GERMANY	LOW SHEAR MODULUS TRANSITION SHIM FOR ELASTOMERIC BEARING BONDING IN TORSIONAL		Fish and Richardson
14152689.7	1/27/2014	2778057	9/16/2015	FRANCE	LOW SHEAR MODULUS TRANSITION SHIM FOR ELASTOMERIC BEARING BONDING IN TORSIONAL		Fish and Richardson
14152689.7	1/27/2014	2778057	9/16/2015	UK	LOW SHEAR MODULUS TRANSITION SHIM FOR ELASTOMERIC BEARING BONDING IN TORSIONAL		Fish and Richardson
14152689.7	1/27/2014	2778057	9/16/2015	ITALY	LOW SHEAR MODULUS TRANSITION SHIM FOR ELASTOMERIC BEARING BONDING IN TORSIONAL		Fish and Richardson
14152689.7	1/27/2014	2778057	9/16/2015	USA	INSPECTING COMPONENTS USING MOBILE ROBOTIC IMPLEMENTING STEEP DELTA WAVE TECHNIQUE TO INSPECT JOINTS		Fish and Richardson
15150844.7	1/12/2015			EPC	ACTUATOR UTILIZING PNEUMATIC MUSCLES		Fish and Richardson
15150844.7	1/12/2015			EPC	ACTUATOR UTILIZING PNEUMATIC MUSCLES		Fish and Richardson
141598.961	1/16/2015			USA	ROTOR HUB ELASTOMERIC BEARING		Fish and Richardson
141598.986	1/16/2015			USA	DYNAMIC CENTER OF GRAVITY DETERMINATION		Fish and Richardson
141612.824	2/3/2015			USA	EXPANDING FLEXIBLE BLADDER TO INSERT TOOL		Fish and Richardson
141613.009	2/3/2015			USA	ELECTRO-HYDRAULIC ON-BLADE ACTUATION SYSTEM		Fish and Richardson
141622.403	2/13/2015			USA	SELF-REFERENCING SENSORS FOR AIRCRAFT MONITORING		Fish and Richardson
141623.822	2/17/2015			USA	STRAPPED WINDSHIELD ASSEMBLY FOR ROTORCRAFT		Fish and Richardson
2882785	2/23/2015			CA	ROTATING SEALING SYSTEMS		Fish and Richardson
141636.896	3/3/2015			USA	RETENTION SYSTEMS FOR ROTORCRAFT PEDAL ASSEMBLIES		Fish and Richardson
2884621	3/10/2015			CA	ACTIVE VIBRATION ISOLATION WITH DIRECT FLUID ACTUATION		Fish and Richardson
141666.574	3/24/2015			USA	COMPOSITE YOKE FITTING FOR BEARING ATTACHMENT TO ROTORCRAFT BLADE		Fish and Richardson
141669.977	3/26/2015			USA	ELECTRICAL LOAD MONITORING SYSTEM		Fish and Richardson
141670.097	3/26/2015			USA	A DUAL PRESSURE CONTROL FOR A ROTOR BRAKE ACTUATOR FOR VERTICAL LIFT AIRCRAFT		Fish and Richardson
141684.922	4/13/2015			USA	ROTORCRAFT ACTUATOR SEAL LEAKAGE MONITOR		Fish and Richardson
2.888.441	4/16/2015			CA			Fish and Richardson

2015 Bell Patent Asgmt Schedule

14/688,091	4/16/2015		USA	SYSTEM AND METHOD FOR IMPROVING A WORKPIECE	Bell Helicopter Textron Inc.	Fish and Richardson
14/711,230	5/13/2015		USA	INFLATING ROTORCRAFT EXTERNAL AIRBAGS IN STAGES	Bell Helicopter Textron Inc.	Fish and Richardson
14/717,516	5/20/2015		USA	CONTROLLED PUMP AUGMENTATION FOR ACTIVE VIBRATION ISOLATION	Bell Helicopter Textron Inc.	Fish and Richardson
2,894,365	6/15/2015		USA	CONVERTIBLE HELICOPTER RING MEMBER	Bell Helicopter Textron Inc.	Fish and Richardson
15172054.7	6/15/2015		CA	EMBEDDING FIBER OPTIC CABLES IN ROTORCRAFT COMPOSITES	Bell Helicopter Textron Inc.	Fish and Richardson
2,894,905	6/17/2015		EPC	EMBEDDING FIBER OPTIC CABLES IN ROTORCRAFT COMPOSITES	Bell Helicopter Textron Inc.	Fish and Richardson
14/750,746	6/25/2015		CA	LANDING AIRCRAFTS WITH OPTIMAL LANDING SPOT SELECTION	Bell Helicopter Textron Inc.	Fish and Richardson
14/792,263	7/6/2015		USA	ROTORCRAFT ROTOR BLADE ASSEMBLY	Bell Helicopter Textron Inc.	Fish and Richardson
14/817,442	8/4/2015		USA	ROTORCRAFT ROTOR BLADE ASSEMBLY	Bell Helicopter Textron Inc.	Fish and Richardson
15181829.1	8/20/2015		USA	ROTORCRAFT AUTOPILOT CONTROL	Bell Helicopter Textron Inc.	Fish and Richardson
2,901,482	8/21/2015		EPC	ROTORCRAFT AUTOPILOT CONTROL	Bell Helicopter Textron Inc.	Fish and Richardson
2,901,854	8/26/2015		CA	ULTRASONIC INSPECTION OF COMPOSITE PARTS	Bell Helicopter Textron Inc.	Fish and Richardson
2905120	9/21/2015		CA	IMPLEMENTING STEEP DELTA WAVE TECHNIQUE TO INSPECT JOINTS	Bell Helicopter Textron Inc.	Fish and Richardson
15187779.2	9/30/2015		EPC	CABLE CUTTER SYSTEM	Bell Helicopter Textron Inc.	Fish and Richardson
15188195.0	10/2/2015		EPC	COMPOSITE YOKE FITTING FOR BEARING ATTACHMENT TO ROTORCRAFT BLADE	Bell Helicopter Textron Inc.	Fish and Richardson
15188433.5	10/5/2015		EPC	SELF-REFERENCING SENSORS FOR AIRCRAFT MONITORING	Bell Helicopter Textron Inc.	Fish and Richardson
14/877,409	10/7/2015		USA	SERIES BATTERY START CONTROLLER	Bell Helicopter Textron Inc.	Fish and Richardson
14/934,477	11/6/2015		USA	AUTOROTATIVE ENHANCEMENT SYSTEM	Bell Helicopter Textron Inc.	Fish and Richardson
14/947,325	11/20/2015		USA	PASSIVE INTERNAL ICE PROTECTION SYSTEMS FOR ENGINE INLETS	Bell Helicopter Textron Inc.	Fish and Richardson
15197659.4	12/2/2015		EPC	INDIVIDUAL BLADE CONTROL UTILIZING PNEUMATIC MUSCLES	Bell Helicopter Textron Inc.	Fish and Richardson
2914139	12/3/2015		CA	INDIVIDUAL BLADE CONTROL UTILIZING PNEUMATIC MUSCLES	Bell Helicopter Textron Inc.	Fish and Richardson

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2832076	10/30/2013	2832076	12/22/2015	CA	System and Method of Protecting an Engine and Other Aircraft Components from Damage that May Otherwise Occur from a Aircraft Landing Gear	Bell Helicopter Textron Inc.	In-House
14/699,705	1/19/2015			USA	Rotor Hub Vibration Reduction Actuator with Non-concentric to Mast Revolving Masses	Bell Helicopter Textron Inc.	In-House
14/600,180	1/20/2015			USA	Magneto Rheological Haptic Trim Actuator	Bell Helicopter Textron Inc.	In-House
14/609,905	1/30/2015			USA	Method for Avoiding Inadvertent Entry into an Unsafe Vertical Descent Speed Region for Rotorcraft	Bell Helicopter Textron Inc.	In-House
14/623,382	2/16/2015			USA	Low Cost, Light Weight, Rapid Fabrication Landing Gear Saddles	Bell Helicopter Textron Inc.	In-House
14/626,365	2/19/2015			USA	ROTORCRAFT ELASTOMERIC BEARING ASSEMBLY	Bell Helicopter Textron Inc.	In-House
14/630,382	2/24/2015			USA	Hybrid Ppherial and hrust Bearing	Bell Helicopter Textron Inc.	In-House
14/661,007	3/18/2015			USA	Process for Construction of Hybrid Composite-Steel Shafts	Bell Helicopter Textron Inc.	In-House
14/662,406	3/19/2015			USA	Method of Repairing, Splicing, Joining, Machining and Stabilizing Honeycomb Core using Pourable Structural Foam	Bell Helicopter Textron Inc.	In-House
1512198681.4	3/25/2015			EPC	Direct Drive Rotation Device for Passively Moving Fluid	Bell Helicopter Textron Inc.	In-House
14/679,473	4/6/2015			USA	Variable State Shifting Planetary Mechanism	Bell Helicopter Textron Inc.	In-House
2887964	4/10/2015			CA	Variable Speed Aircraft Transmission	Bell Helicopter Textron Inc.	In-House
15163258.5	4/10/2015			EPC	Variable State Shifting Planetary Mechanism	Bell Helicopter Textron Inc.	In-House
14/683,218	4/10/2015			USA	Light-Cured Epoxy Coating	Bell Helicopter Textron Inc.	In-House
14/689,374	4/17/2015			USA	Method for the Delivery of Lubricant to a Rotorcraft Gearbox	Bell Helicopter Textron Inc.	In-House
14/693,334	4/22/2015			USA	ROTARY PYLON CONVERSION ACTUATOR FOR TILTROTOR AIRCRAFT	Bell Helicopter Textron Inc.	In-House
14/712,218	5/14/2015			USA	Aircraft Maintenance Feedback System for Improvement of Training, Technical Publications	Bell Helicopter Textron Inc.	In-House
14/715,715	5/19/2015			USA	Aircraft Maintenance Monitoring System with Comparative Fleet Statistics	Bell Helicopter Textron Inc.	In-House
14/715,736	5/19/2015			USA	Aircraft Supplier Feedback System	Bell Helicopter Textron Inc.	In-House
14/715,773	5/19/2015			USA	Aircraft Health Feedback System	Bell Helicopter Textron Inc.	In-House
14/715,783	5/19/2015			USA	Method for the Applied Delivery of Supplemental Lubrication	Bell Helicopter Textron Inc.	In-House
151701216	6/1/2015			EPC	Hybrid Composite and Metal Gear	Bell Helicopter Textron Inc.	In-House
14/735,577	6/10/2015			USA	Economic Usage Indicating System	Bell Helicopter Textron Inc.	In-House
13165371.9	6/18/2015			EPC	Rotorcraft Tail Spar Spring	Bell Helicopter Textron Inc.	In-House
14/747,205	6/23/2015			USA	ELECTRO-RHEOLOGICAL ELASTOMERIC, VARIABLE-STIFFNESS FLIGHT CONTROL DEVICE	Bell Helicopter Textron Inc.	In-House
14/749,208	6/24/2015			USA	METHOD FOR LIMITING INTERLAMINAR FATIGUE IN COMPOSITE LAMINATE	Bell Helicopter Textron Inc.	In-House
14/798,658	7/14/2015			USA		Bell Helicopter Textron Inc.	In-House

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14/800,346	7/15/2015			USA	Pilot Assistance System	Bell Helicopter Textron Inc.	In-House
15177693.7	7/21/2015			EPC	Tail Spar Spring for Rotorcraft		In-House
15178513.6	7/27/2015			EPC	Aircraft Maintenance Feedback System for Improvement of Training, Technical Publications		In-House
15180271.7	8/7/2015			EPC	Process for Automating the Placement of Composite Material Around a Columnar Geometric Form for the Purposes of Four Bar Landing Gear with Ballscrow Driven retraction		In-House
15183762.2	9/3/2015			EPC	Actuator Passing Through the Center of the Shock Strut		In-House
14/844,846	9/3/2015			USA	Engine Flow Measurement Device	Bell Helicopter Textron Inc.	In-House
14/844,865	9/3/2015			USA	Maximum Filter Flow Predictor	Bell Helicopter Textron Inc.	In-House
14/870,170	9/30/2015			USA	Method of Lubricating a Gear Mesh from the Inside During a Loss of Lube Event	Bell Helicopter Textron Inc.	In-House
14/872,600	10/1/2015			USA	System and Method for Automation of Rotorcraft Entry into Autoroation and Maintenance of Stabilized Autoroation	Bell Helicopter Textron Inc.	In-House
	10/5/2015			CA	Method of Repairing a Large Cell Carbon Core Highly Strained Composite Structure		In-House
14/878,059	10/6/2015			USA	Ballistic-Resistant Cockpit Display	Bell Helicopter Textron Inc.	In-House
14/921,064	10/23/2015			USA	Identification Tags for Tracking Manufacturing of Aircraft Parts	Bell Helicopter Textron Inc.	In-House
14/957,321	12/2/2015			USA	Folding Proprotor Gimbal and Blade Lock Mechanism	Bell Helicopter Textron Inc.	In-House
14/960,482	12/7/2015			USA	Magneto Rheological (MR) Haptic Trim Actuator	Bell Helicopter Textron Inc.	In-House
14/960,486	12/7/2015			USA	Tiltrotor Wingtip Mounted Rotor Pylon with Offset Conversion Axis/Inbd Fixed Engine Arrangement (FVL)	Bell Helicopter Textron Inc.	In-House
14/960,648	12/7/2015			USA	Shear Attachment of Wing to Fuselage	Bell Helicopter Textron Inc.	In-House
14/962,631	12/8/2015			USA	Passive Drain Valve	Bell Helicopter Textron Inc.	In-House
14/974,875	12/18/2015			USA	Flight Condition Recognition Tracking for Multiple Aircraft Components	Bell Helicopter Textron Inc.	In-House

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2721127	2/2/2009	2721127	12/8/2015	CA	Method and Apparatus for Acquiring Accurate Background Infrared Signature Data on Moving Targets		Klemchuck
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2486/KOLNP/2009	7/7/2009	267030	6/23/2015	India	H-674 Hall Effect Helicopter Mast Torque Meter	Walton
2683261	11/26/2009	2683261	6/9/2015	CA	H-691 Method for Suppressing Vibration and Acoustic Signature in a Liftrotor Aircraft	Walton
200980159527.6	11/22/2011	ZL 200980159527.6	8/26/2015	China (People's Republic)	H-748 Co-Rotating Stacked Rotor Disks for Improved Hover Performance (ID 08-44)	Walton
2794228	11/2/2012	2794228	4/7/2015	Canada	H-630 Multiple-Yoke Main Rotor Assembly (ID 05-11)	Walton
2802389	12/11/2012	2802389	11/24/2015	Canada	H-763 Method and Apparatus for In-Flight Blade Folding (ID 08-39)	Walton
13150077.9	1/2/2013	EP 2733069	4/1/2015	EPC	ID 10-41 Passive Cooling of Transmission Using Mast Mounted	Walton
2802149	1/10/2013	2802149	5/12/2015	Canada	H-909 Mechanically Optimized Liquid Inertia Vibration	Walton
13150789.9	1/10/2013	EP 2615028	10/14/2015	EPC	H-925 Rotorcraft Vibration Suppression System in a Four Corner Pylon Mount Configuration (ID 12-15)	Walton
201310009815.1	1/10/2013	ZL 201310009815.1	7/15/2015	China (People's Republic)	H-925 Rotorcraft Vibration Suppression System in a Four Corner Pylon Mount Configuration (ID 12-15)	Walton
201310010093.1	1/10/2013	ZL 201310010093.1	5/20/2015	China (People's Republic)	H-909 Mechanically Optimized Liquid Inertia Vibration Elimination and Aircraft Pylon System (ID 11-67)	Walton
2803434	1/24/2013	2803434	4/7/2015	Canada	H-789 Optimized Core for a Structural Assembly (ID 09-33)	Walton
2803705	1/25/2013	2803705	9/8/2015	Canada	H-919 System and Method of Actuating a Swashplate for Main Rotor Control (ID 11-108)	Walton
2805074	2/8/2013	2805074	11/24/2015	Canada	H-916 System and Method of Manufacturing a Composite Structure in a Closed Cavity Mold (ID 09-15)	Walton
2805481	2/8/2013	2805481	11/24/2015	Canada	H-842 Hub Assembly with Centrifugal and Radial Bearings (ID 11-15)	Walton
2805889	2/12/2013	2805889	9/8/2015	Canada	H-890 Compact Rotorcraft Dual-Element Spherical Elastomeric Centrifugal-Force Bearing Assembly (ID 09-30 & ID 09-46)	Walton
2805894	2/12/2013	2805894	4/7/2015	Canada	H-920 Dual Frequency Damper with LIVE in Series with Fluid Damper (ID 12-05)	Walton
2805949	2/12/2013	2805949	9/8/2015	Canada	H-791 Multi-Function Detection Liner for Manufacturing of Composites (ID 09-43)	Walton
2808987	3/5/2013	2808987	11/24/2015	Canada	H-784 Self Tuning Vibration Absorber (ID 09-21)	Walton
2808989	3/5/2013	2808989	5/26/2015	Canada	H-785 Self Tuning Vibration Isolation System (ID 09-22)	Walton
13163188.9	4/10/2013	EP 2762406	4/8/2015	EPC	ID 11-89 Pneumatically Augmented Elastomeric Damper for Improved Starting Rate Turbine	Walton
10859575.2	4/23/2013	EP 2619089	2/18/2015	EPC	H-770 Anti-Torque Nozzle System with Internal Sleeve Valve for a Rotorcraft	Walton
13165128.3	4/24/2013	EP 2778444	12/30/2015	EPC	ID 12-77 Retaining Spring Nutplate	Walton
10859549.7	4/26/2013	EP 2619085	6/3/2015	EPC	H-783 Adaptive Twist System for a Rotor Blade (ID 09-20)	Walton
13166910.3	5/7/2013	EP 2778051	4/29/2015	EPC	ID 12-25 Soft In-Plane and Stiff Out-of-Plane Rotor System	Walton
13166913.7	5/7/2013	EP 2793023	1/21/2015	EPC	ID 11-77 Debris Detector for Non-Ferrous Bearings	Walton

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13166914.5	5/7/2013	EP 2778056	2/18/2015	EPC	ID 12-18 (and 11-114) Hybrid Fluid Elastomeric Damper	Walton
201080070009.X	5/7/2013	ZL 201080070009.X	9/16/2015	China (People's)	H-716 Composite Rotor Blade Having Weighted Material for Mass Balancing (ID 07-32)	Walton
13167051.5	5/8/2013	EP 2778059	8/19/2015	EPC	ID 12-81 Amorphous Metal Rotor Blade Abrasion Strip	Walton
10861026.2	5/21/2013	EP 2635874	7/1/2015	EPC	H-807 Power Safety Instrument System	Walton
10861307.6	5/21/2013	EP 2630032	6/24/2015	EPC	H-808 Multi-Directional Load Joint System (ID 10-48)	Walton
10861426.4	5/21/2013	EP 2630035	2/18/2015	EPC	H-787 Active Vent and Re-Inflation System for a Crash Attenuation Airbag (ID 09-29)	Walton
10861248.2	5/24/2013	EP 2629932	7/8/2015	EPC	H-786 Center Lap Tool Machine for Large Transmission Gears (ID 09-25)	Walton
11854920.3	5/28/2013	EP 2633736	3/11/2015	EPC	H-802 Vacuum Assisted Conformal Shape Setting Device (ID 10-13)	Walton
11855420.3	6/4/2013	EP 2635942	6/17/2015	EPC	H-805 Flight Control Laws for Vertical Flight Path Control (ID 10-23)	Walton
201310221352.5	6/5/2013	ZL 201310221352.5	12/23/2015	China (People's)	H-921 Takeoff/Landing Touchdown Protection Management System (ID 11/72)	Walton
2821059	6/10/2013	2821059	11/3/2015	Canada	H-786 Center Lap Tool Machine for Large Transmission Gears (ID 09-25)	Walton
2821326	6/12/2013	2821326	11/24/2015	Canada	H-787 Active Vent and Re-Inflation System for a Crash Attenuation Airbag (ID 09-29)	Walton
2822340	6/19/2013	2822340	12/22/2015	Canada	H-803 Single Stage Debuck and Cure of a Prepreg Material (ID 10-14)	Walton
13175696.7	7/9/2013	EP 2687442	6/3/2015	EPC	H-775-CIP Airfoil Shaped Tail Boom	Walton
11859409.2	8/22/2013	EP 2685649	4/29/2015	EPC	H-798 High Efficiency External Airbag for Crash Attenuation (ID 10-03)	Walton
2829360	9/6/2013	2829360	11/24/2015	Canada	H-793 Flight Control Laws for Constant Vector Flat Turns (ID 09-51)	Walton
11860353.9	9/10/2013	EP 2673474	9/16/2015	EPC	H-839 Reconfigurable Rotor Blade (ID 11-14)	Walton
11863444.3	9/10/2013	EP 2673530	8/12/2015	EPC	H-804 Pylon Mounting System with Vibration Isolation (ID 10-15)	Walton
2830898	9/20/2013	2830898	9/8/2015	Canada	H-804 Pylon Mounting System with Vibration Isolation (ID 10-15)	Walton
2830938	9/20/2013	2830938	3/24/2015	Canada	H-781 Self-Aligning Inlet Plenum System for Rotorcraft (ID 09-11)	Walton
11864163.8	9/25/2013	EP 2678226	1/21/2015	EPC	H-781 Self-Aligning Inlet Plenum System for Rotorcraft (ID 09-11)	Walton
11867613.9	9/27/2013	EP 2678219	1/28/2015	EPC	H-865 Elastomeric Signal Transmission and Motion Amplification (ID 09-24)	Walton
13187803.5	10/8/2013	EP 2733072	4/22/2015	EPC	H-633 Blade-Pitch Control System with Indexing Swashplate (ID 05-23)	Walton
11867695.6	10/11/2013	EP 2684037	8/12/2015	EPC	H-841 System and Method for Detecting Objects in a Fluid System (ID 09-50)	Walton
201180070185.8	10/16/2013	ZL 201180070185.8	3/25/2015	China (People's)	H-847 Dual Series Damper System (ID 10-35)	Walton
11868662.5	10/18/2013	EP 2686239	8/12/2015	EPC	H-782 Rotor Hub for Use with High-Inertia Blades (ID 09-12)	Walton
2835401	11/7/2013	2835401	11/24/2015	Canada	H-707 Blade-Pitch Control System with Feedback Swashplate (ID 07-20)	Walton

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13193548.8	11/19/2013	EP 2801522	9/30/2015	EPC	ID 10-58 Variable Lower Limit Collective Governor to Improve Recovery		Walton
2638512	12/5/2013	2638512	9/29/2015	Canada	H-782 Rotor Hub for Use with High-Inertia Blades (ID 09-12)		Walton
11869308.4	12/12/2013	EP 2732351	9/2/2015	EPC	H-874 Pilot Cyclic Control Margin Display (ID 11-23)		Walton
11870398.2	12/19/2013	EP 2709905	10/7/2015	EPC	H-817 Skid Landing Gear System (ID 10-20)		Walton
11869946.1	12/20/2013	EP 2709902	9/2/2015	EPC	H-864 Air-Loading Aircraft with Twin T-Tail Assembly (ID 09-19)		Walton
2,876,768	01/12/15			Canada	H-894 Rotor Blade Erosion Protection System (ID 11-35) - Divisional		Walton
14/594,292	01/12/15			USA	H-808 Multi-Directional Load Joint System (ID10-48) - Divisional	Textron	Walton
14/623,615	02/17/15			USA	H-648 Stiff-In-Plane Rotor Configuration - Continuation	Textron	Walton
14/657,478	03/13/15			USA	ID 14-047 Friction Damper with Centering Flexure		Walton
14/688,831	04/16/15			USA	ID 14-020 Torsional Anomalies Detection System (TADS)		Walton
14/715,236	05/18/15			USA	H-807 Power Safety Instrument System - Continuation	Textron	Walton
14/716,520	05/19/15			USA	H-703 In-Situ, Multi-Stage Debulk, Compaction and Single Stage Cure of Thick Composite Repair Laminates	Textron	Walton
15168540.1	05/20/15			EPC	ID 13-008 Adjustable Blade-to-Hub Lead-Lag Damper Attachment		Walton
14/729,190	06/03/15			USA	ID 12-18 (and 11-114) Hybrid Fluid Elastomeric Damper		Walton
15174684.9	06/30/15			EPC	H-807 Power Safety Instrument System - Divisional		Walton
14/805,159	07/21/15			USA	H-870 Rotor Hub Bearing System (ID 10-08)	Textron	Walton
14/810,689	07/28/15			USA	H-671 Method of Making a Composite Article Having an Internal Passageway	Textron	Walton
14/814,211	07/30/15			USA	H-768 Method of Developing Flight Infrastructure in Conjunction with a Sale of an Aircraft - Continuation	Textron	Walton
14/815,495	07/31/15			USA	H-789 Optimized Core for a Structural Assembly (ID 09-33)	Textron	Walton
15179855	08/05/15			EPC	H-743 Dual-Path Fluid Injection Jet (ID 08-36)		Walton
14/870,796	09/30/15			USA	ID 14-111 Super Capacitor Based Emergency Lighting System		Walton
14/870,930	09/30/15			USA	ID 14-112 Hybrid Emergency Exit Lighting System		Walton
14/871,615	09/30/15			USA	ID 11-048 Unified Control of Multiple Active Systems for Helicopter Vibration Suppression		Walton
14/881,321	10/13/15			USA	H-867 Tooling System and Method for Removing a Damaged or Defective Bushing (ID 09-30)	Textron	Walton
14/923,608	10/27/15			USA	H-875 Coaxial Counter-Rotating Rotor System (ID 09-39) - Divisional	Textron	Walton
15192629.2	11/02/15			EPC	H-648 Stiff-In-Plane Rotor Configuration - Divisional		Walton

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14/830,176	11/02/15			USA	H-654 Apparatus for Attaching a Member to a Core-Stiffened Structure and a Combination Thereof	Textron	Walton
14/932,241	11/04/15			USA	ID 15-004 Tilt-Rotor Over-Torque Protection from Asymmetric Gust		Walton
14/964,694	11/30/15			USA	ID 13-047 Rotorcraft Flapping Lock - Continuation		Walton
14/965,830	12/01/15			USA	H-709 Rotor Yoke and Method of Making Same - Divisional	Textron	Walton

Exhibit B

RETAINED INTELLECTUAL PROPERTY

