PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WHITNEY FOSKEY	11/07/2018
KYLE THOMAS CRAVENER	11/07/2018

RECEIVING PARTY DATA

Name:	BELL HELICOPTER TEXTRON INC.
Street Address:	MAIL STOP HQ 04415
Internal Address:	POST OFFICE BOX 482
City:	FORT WORTH
State/Country:	TEXAS
Postal Code:	76101

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16184436

CORRESPONDENCE DATA

Fax Number: (214)745-5390

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.

Phone: (214) 745-5185
Email: blong@winstead.com

Correspondent Name:WINSTEAD PCAddress Line 1:P.O. BOX 131851

Address Line 4: DALLAS, TEXAS 75313

ATTORNEY DOCKET NUMBER:	60388-P048US
NAME OF SUBMITTER:	ROSS T. ROBINSON
SIGNATURE:	/Ross T. Robinson/
DATE SIGNED:	11/08/2018

Total Attachments: 2

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PATENT 505182089 REEL: 047454 FRAME: 0477

PATENT ASSIGNMENT

	of residence as listed below, has invented certain new and useful being made for Letters Patent, said application being identified as:
Title of Application:	INBOARD BEAM WITH PIN SYSTEM FOR ANTI-ROTATION AND CENTRIFUGAL FORCE RETENTION
U.S. Application No.;	
Filing Date:	
Attorney Docket No.:	60388-P048US
WHEREAS, Bell Helicopter Textron Inc. (hereinafter referred to as "Assignee"), a Delaware corporation, with an address of Post Office Box 482, Fort Worth, Texas 76101, desires to acquire our entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;	
consideration, the receipt and sufficience assign to Assignee, all right, title and in all patents which may be granted there claim priority to said application, incontinuations, continuations-in-part, ar Commissioner of Patents and Tradema therefrom, insofar as our interest is continuation, all right, title and interest to including the right to file applications a for said invention in its own name through the right to file applications are serving ownership of said invention and a further agree to execute any and a	n consideration of One Dollar (\$1,00) and other good and valuable by of which is hereby acknowledged, I agree to assign and hereby atterest in and to said invention and in and to said application and efor, and all future applications throughout that world that may cluding but not limited to divisions, reexaminations, reissues, and extensions thereof; and I hereby authorize and request the arks to issue all patents for said invention, or patents resulting accrned, to Assignee. I also agree to assign and hereby assign to the invention disclosed in said application throughout the world, and obtain patents, utility models, industrial models, and designs aghout the world including all rights to publish cautionary notices and all rights to register said invention in appropriate registries; and all powers of attorney, applications, assignments, declarations, section therewith necessary to perfect such right, title and interest
expense of Assignee, I will testify in an continuation, continuation-in-part, reissuand generally do everything possible to proper protection for said invention in	e any facts known to us respecting any improvements; and, at the y legal proceedings, sign all lawful papers, execute all divisional, are and substitute applications, make lawful oaths and declarations, ovest title in Assignee and to aid Assignee to obtain and enforce all countries. I authorize Assignee's representative to fill in the other and the filing date once that information becomes known.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Full name of inventor

Inventor's signature

Date Assignment executed:

Residence

Whitney Foskey

1720 Gray Owl Road, Keller, Texas 76248

11/7/18

PATENT REEL: 047454 FRAME: 0478

PATENT ASSIGNMENT

WHEREAS, the undersigned, of residence as listed below, has invented certain new and useful improvements for which application is being made for Letters Patent, said application being identified as:

Title of Application:	INBOARD BEAM WITH PIN SYSTEM FOR ANTI-ROTATION AND CENTRIFUGAL FORCE RETENTION	
U.S. Application No.:		•
Filing Date:		
Attorney Docket No.:	60388-P048US	

WHEREAS, Bell Helicopter Textron Inc. (hereinafter referred to as "Assignee"), a Delaware corporation, with an address of Post Office Box 482, Fort Worth, Texas 76101, desires to acquire our entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I agree to assign and hereby assign to Assignee, all right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all future applications throughout that world that may claim priority to said application, including but not limited to divisions, reexaminations, reissues, continuations, continuations-in-part, and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to Assignee. I also agree to assign and hereby assign to Assignee, all right, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models, and designs for said invention in its own name throughout the world including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

I will communicate to Assignee any facts known to us respecting any improvements; and, at the expense of Assignee, I will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries. I authorize Assignee's representative to fill in the foregoing blanks for the application number and the filing date once that information becomes known.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Full name of inventor	Kyle I nomas Cravener
Inventor's signature	John T. Com
Residence	6620 Whitley Rd., Watauga, Texas 76148
Date Assignment executed:	11/7/2018

PATENT REEL: 047454 FRAME: 0479

RECORDED: 11/08/2018