

06-16-2003

Form PTO-1595

(Rev. 10/02)

OMB No. 0651-0027 (exp. 6/30/2005)

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102474151

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

David Haynie, Ernst Schellhase, James Braswell,  
Joseph Zierer, Bell HelicopterAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

5/21/03

Execution Date: \_\_\_\_\_

## 2. Name and address of receiving party(ies)

Name: Mark Glut

Internal Address: \_\_\_\_\_

6-5-03

Street Address: Naval Air Systems Command, 11.2  
47123 Buse Rd, B2272/S257

City: Patuxent River State: MD Zip: 20670

Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: 5/23/03

A. Patent Application No.(s) \_\_\_\_\_

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Mark Glut, Patent Attorney

Internal Address: \_\_\_\_\_

Street Address: NAVAIR, Air-11.2

47123 Buse Rd, B2272/S257

City: Patuxent River State: MD Zip: 20670

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 80

- ☐ Enclosed  
☒ Authorized to be charged to deposit account

## 8. Deposit account number:

501312

DO NOT USE THIS SPACE

## 9. Signature.

Mark O. Glut

Name of Person Signing

Signature

June 4, 2003

Date

Total number of pages including cover sheet, attachments, and documents: 4

Mail documents to be recorded with required cover sheet information to:  
 Commissioner of Patents & Trademarks, Box Assignments  
 Washington, D.C. 20231

06/13/2003 6TON11 00000135 501312 10456142

01 FC:0021

40.00 CH

PATENT  
 REEL: 014159 FRAME: 0404

ASSIGNMENT

WHEREAS, David Haynie, Ernst C. Schellhase, James L. Braswell and Joseph Zierer, hereinafter referred to as the ASSIGNOR, has made an invention as described in a patent application entitled "Main Rotor Shear Restraint" further identified as Navy Case No. 84549, which application was executed on the 21<sup>st</sup> day of May, 2003; and

WHEREAS, the Bell Helicopter Textron, Inc., a corporation organized and existing under the laws of the State of Delaware and having its principal place of business at 600 E. Hurst Blvd, Hurst, Texas, hereinafter referred to as the ASSIGNEE or the CONTRACTOR, desires to acquire an interest therein in accordance with agreements fully entered into between the ASSIGNOR and ASSIGNEE;

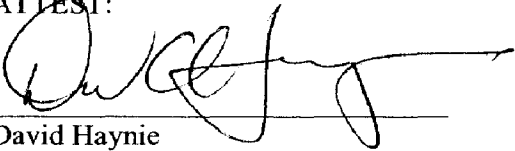
NOW, THEREFORE, in consideration of the premises and other good and valuable consideration the receipt of which is hereby acknowledged, the ASSIGNOR does hereby assign and transfer to the ASSIGNEE the entire right, title and interest in and to said invention as described in said application and such Letters Patent as may issue therefrom, said invention, application and Letters Patent to be held by the ASSIGNEE to the end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by the ASSIGNOR had this assignment not been made.

The ASSIGNOR hereby further agrees to make, execute, and deliver to the ASSIGNEE, its successors, assigns, and legal representatives, upon request, any and all papers, documents, affidavits, statements, or other instruments that may be necessary in the prosecution of the aforesaid application and of any substitutions, divisions, or continuations of said application, or applications for reissues of said Letters Patent, and to aid the ASSIGNEE, its successors, assigns, and legal representatives in every way in protecting the said invention as may be requested.

The ASSIGNOR hereby covenants that he has the right to grant the foregoing assignment.

IN TESTIMONY WHEREOF, ASSIGNOR and the CONTRACTOR have caused this assignment to be executed by its proper officers and its seal to be affixed this 21<sup>st</sup> day of May, 2003.

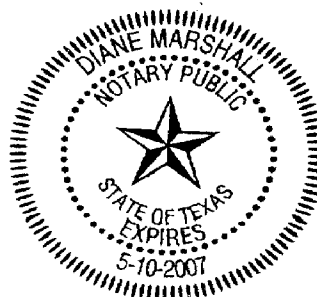
ATTEST:

  
\_\_\_\_\_  
David Haynie

STATE OF Texas )  
COUNTY OF Tarrant ) SS

Personally appeared before me, David Haynie, who signed the foregoing in my presence and acknowledged the same to be his/her voluntary act and deed.

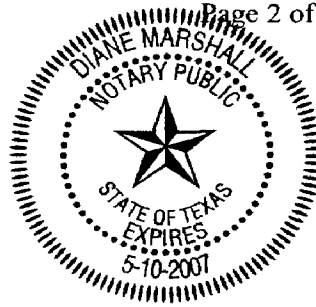
  
\_\_\_\_\_  
Notary Public



**PATENT**  
**REEL: 014159 FRAME: 0405**

Ernst C. Schellhase  
Ernst C. Schellhase

STATE OF Texas )  
COUNTY OF Tarrant ) SS

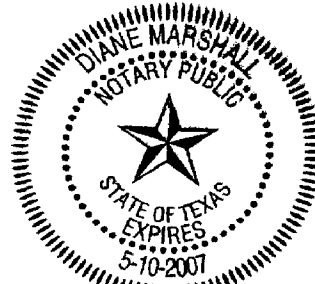


Personally appeared before me Ernst C. Schellhase, to me well known who signed the foregoing in my presence and acknowledged the same to be his/her voluntary act and deed.

Diane Marshall  
Notary Public

James L. Braswell  
James L. Braswell

STATE OF Texas )  
COUNTY OF Tarrant ) SS

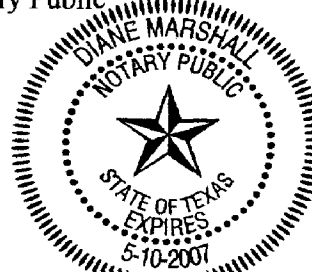


Personally appeared before me, James L. Braswell to me well known, who signed the foregoing in my presence and acknowledged the same to be his/her voluntary act and deed.

Diane Marshall  
Notary Public

Joseph Zierer  
Joseph Zierer

STATE OF Texas )  
COUNTY OF Tarrant ) SS



Personally appeared before me, Joseph Zierer, to me well known, who signed the foregoing in my presence and acknowledged the same to be his/her voluntary act and deed.

Diane Marshall  
Notary Public

ASSIGNMENT

WHEREAS, the Bell Helicopter Textron, a corporation organized under and existing under the laws of the State of Delaware and having its principal place of business at 600 E. Hurst Blvd, Hurst, Texas hereinafter referred to as the CONTRACTOR, is the owner, as a result of an assignment dated the 21<sup>st</sup> day of May, 2003, of the entire right, title, and interest in and to an invention as described in a patent application entitled "Main Rotor Shear Restraint" further identified as Navy Case No. 84549, which application was executed by David Haynie on 5/21/03, by Ernst C. Schellhase on 5/19/03, by James L. Braswell on 5/21/03 and by Joseph Zierer on 5/19/03; and

WHEREAS, the United States Government represented by the Secretary of the Navy and hereinafter referred to as the GOVERNMENT, desires to acquired an interest therein in accordance with agreements duly entered into between the CONTRACTOR and the GOVERNMENT (Contract N00019-96-C-0128);

NOW, THEREFORE, in consideration of the premises and other good and valuable consideration the receipt of which is hereby acknowledged, the CONTRACTOR does hereby assign and transfer to the GOVERNMENT the entire right, title and interest in and to said invention as described in said application and such Letters Patent as may issue therefrom, said invention, application and Letters Patent to be held by the GOVERNMENT to the end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by the CONTRACTOR had this assignment not been made, subject to the reservation of a worldwide, nonexclusive and royalty-free license under said invention to the CONTRACTOR (and to its existing and future associated and affiliated companies, if any, within the corporate structure of which the CONTRACTOR is a part) which license shall be assignable to the successor of the CONTRACTOR'S business to which said invention pertains.

The CONTRACTOR hereby further agrees to make, execute, and deliver to the GOVERNMENT, upon request, but at the expense of the GOVERNMENT, any and all papers, documents affidavits, statements, or other instruments that may be necessary in the prosecution of said application and of any substitutions, divisions, or continuations of said application, or applications for reissue of said Letters Patent, and further agrees to assist the GOVERNMENT in every way in protecting said invention as may be requested, provided that any expense arising through extending such assistance will be paid by the GOVERNMENT.

The CONTRACTOR hereby covenants that it has the right to grant the foregoing assignment.

IN TESTIMONY WHEREOF, the CONTRACTOR has caused this assignment to be executed by its proper officers and its seal to be affixed this 21<sup>st</sup> day of May, 2003.

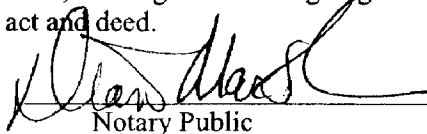
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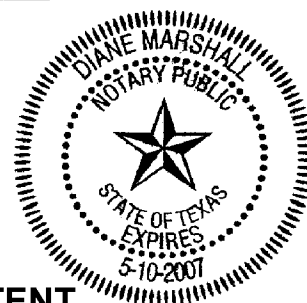
Bell Helicopter Textron Inc.  
CONTRACTOR

STATE OF Texas )  
 ) SS  
COUNTY OF Tarrant )

Personally appeared before me, Rudy Lopez, to me well known and known to be the Director USG Contract Mgmt of the above-named CONTRACTOR, who signed the foregoing in my presence and acknowledged the same to be his/her voluntary act and deed.

  
Notary Public

Accepted for the benefit of the Government of the United States of America.



PATENT  
REEL: 014159 FRAME: 0407

ASSIGNMENT

WHEREAS, David Haynie, Ernst C. Schellhase, James L. Braswell and Joseph Zierer, hereinafter referred to as the ASSIGNOR, has made an invention as described in a patent application entitled "Main Rotor Shear Restraint" further identified as Navy Case No. 84549, which application was executed on the 21<sup>st</sup> day of May, 2003; and

WHEREAS, the Bell Helicopter Textron, Inc., a corporation organized and existing under the laws of the State of Delaware and having its principal place of business at 600 E. Hurst Blvd, Hurst, Texas, hereinafter referred to as the ASSIGNEE or the CONTRACTOR, desires to acquire an interest therein in accordance with agreements fully entered into between the ASSIGNOR and ASSIGNEE;

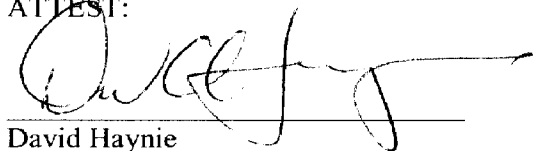
NOW, THEREFORE, in consideration of the premises and other good and valuable consideration the receipt of which is hereby acknowledged, the ASSIGNOR does hereby assign and transfer to the ASSIGNEE the entire right, title and interest in and to said invention as described in said application and such Letters Patent as may issue therefrom, said invention, application and Letters Patent to be held by the ASSIGNEE to the end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by the ASSIGNOR had this assignment not been made.

The ASSIGNOR hereby further agrees to make, execute, and deliver to the ASSIGNEE, its successors, assigns, and legal representatives, upon request, any and all papers, documents, affidavits, statements, or other instruments that may be necessary in the prosecution of the aforesaid application and of any substitutions, divisions, or continuations of said application, or applications for reissues of said Letters Patent, and to aid the ASSIGNEE, its successors, assigns, and legal representatives in every way in protecting the said invention as may be requested.

The ASSIGNOR hereby covenants that he has the right to grant the foregoing assignment.

IN TESTIMONY WHEREOF, ASSIGNOR and the CONTRACTOR have caused this assignment to be executed by its proper officers and its seal to be affixed this 21<sup>st</sup> day of May, 2003.

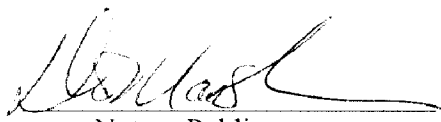
ATTEST:



David Haynie

STATE OF Texas )  
COUNTY OF Tarrant ) SS

Personally appeared before me, David Haynie, who signed the foregoing in my presence and acknowledged the same to be his/her voluntary act and deed.

  
Notary Public



**PATENT**  
**REEL: 014159 FRAME: 0408**

Ernst C. Schellhase  
Ernst C. Schellhase

STATE OF Texas )  
COUNTY OF Tarrant ) SS



Personally appeared before me Ernst C. Schellhase, to me well known who signed the foregoing in my presence and acknowledged the same to be his/her voluntary act and deed.

Diane Marshall  
Notary Public

James L. Braswell  
James L. Braswell

STATE OF Texas )  
COUNTY OF Tarrant ) SS

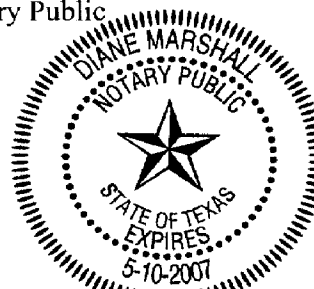


Personally appeared before me, James L. Braswell to me well known, who signed the foregoing in my presence and acknowledged the same to be his/her voluntary act and deed.

Diane Marshall  
Notary Public

Joseph Zierer  
Joseph Zierer

STATE OF Texas )  
COUNTY OF Tarrant ) SS



Personally appeared before me, Joseph Zierer, to me well known, who signed the foregoing in my presence and acknowledged the same to be his/her voluntary act and deed.

Diane Marshall  
Notary Public

ASSIGNMENT

WHEREAS, the Bell Helicopter Textron, a corporation organized under and existing under the laws of the State of Delaware and having its principal place of business at 600 E. Hurst Blvd, Hurst, Texas hereinafter referred to as the CONTRACTOR, is the owner, as a result of an assignment dated the 21<sup>st</sup> day of May, 2003, of the entire right, title, and interest in and to an invention as described in a patent application entitled "Main Rotor Shear Restraint" further identified as Navy Case No. 84549, which application was executed by David Haynie on 5/21/03, by Ernst C. Schellhase on 5/19/03, by James L. Braswell on 5/21/03 and by Joseph Zierer on 5/19/03; and

WHEREAS, the United States Government represented by the Secretary of the Navy and hereinafter referred to as the GOVERNMENT, desires to acquired an interest therein in accordance with agreements duly entered into between the CONTRACTOR and the GOVERNMENT (Contract N00019-96-C-0128);

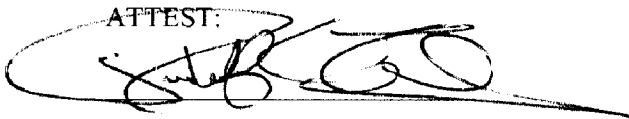
NOW, THEREFORE, in consideration of the premises and other good and valuable consideration the receipt of which is hereby acknowledged, the CONTRACTOR does hereby assign and transfer to the GOVERNMENT the entire right, title and interest in and to said invention as described in said application and such Letters Patent as may issue therefrom, said invention, application and Letters Patent to be held by the GOVERNMENT to the end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by the CONTRACTOR had this assignment not been made, subject to the reservation of a worldwide, nonexclusive and royalty-free license under said invention to the CONTRACTOR (and to its existing and future associated and affiliated companies, if any, within the corporate structure of which the CONTRACTOR is a part) which license shall be assignable to the successor of the CONTRACTOR'S business to which said invention pertains.

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The CONTRACTOR hereby covenants that it has the right to grant the foregoing assignment.

IN TESTIMONY WHEREOF, the CONTRACTOR has caused this assignment to be executed by its proper officers and its seal to be affixed this 21<sup>st</sup> day of May, 2003.

ATTEST:



Bell Helicopter Textron Inc.  
CONTRACTOR

STATE OF Texas )  
COUNTY OF Tarrant ) SS

Personally appeared before me, Rudy Lope z, to me well known and known to be the Director USG Contract Mgmt of the above-named CONTRACTOR, who signed the foregoing in my presence and acknowledged the same to be his/her voluntary act and deed.

  
Notary Public

Accepted for the benefit of the Government of the United States of America.



PATENT

RECORDED: 06/05/2003

REEL: 014159 FRAME: 0410