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by Docket No. 7784-000474

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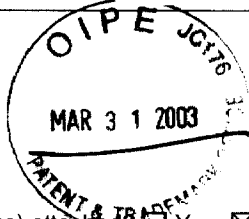
102408873

To the Honorable Commissioner of Patents,

to receive the attached original documents or copy thereof.

1. Name of conveying party(ies):

Robert J. Pederson
Donald H. Morris
Calvin Q. Morrison Jr.
Raymond B. Edelman



Additional name of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: The Boeing Company

Internal Address: _____

Street Address: 100 North Riverside Plaza

City: Chicago State: IL Zip: 60606-1596

Additional Name(s) & address(es) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date(s): October 20, 21 & 31, 2002

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: _____

A. Patent Application No.(s)

10/243,961

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Mark D. Elchuk

Internal Address: Harness, Dickey & Pierce, P.L.C.

Street Address: P.O. Box 828

City: Bloomfield Hills State: MI Zip: 48303

6. Total number of applications and/or patents involved: One

7. Total fee (37 CFR 3.41) \$ 40.00

- Previously Submitted
- Authorized to be charged to deposit account

8. The Commissioner is hereby authorized to charge any additional fees that may be required or credit any overpayments to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Michael D. Zalobsky

Name of Person Signing

Signature

March 28, 2003

Date

Total number of pages including cover sheet, attachments, and documents: 7

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Washington, D.C. 20231

11/12102

Attorney Docket No. 7784-000474

Form PTO-1595 (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002)

RI

11-21-2002



IEET

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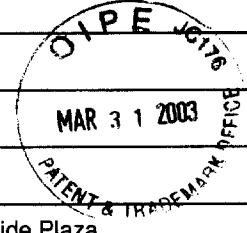
To the Honorable Commissioners

attached original documents or copy thereof.

1. Name of conveying party(ies): Robert J. Pederson Donald H. Morris Salvin Q. Morrison Jr. Raymond B. Edelman Additional name of conveying party(ies) attached? Yes No



2. Name and address of receiving party(ies) Name: The Boeing Company Internal Address: Street Address: 100 North Riverside Plaza City: Chicago State: IL Zip: 60606-1596 Additional Name(s) & address(es) attached? Yes No



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Michael D. Zalobsky Name of Person Signing

[Signature] Signature

November 5, 2002 Date

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11/21/2002 6TOM11 00000019 080750 10243961

01 FC:8021 40.00 CH

PATENT REEL: 013903 FRAME: 0281

ASSIGNMENT

Atty. Docket No. 7784-000474

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

COMPACT, LIGHTWEIGHT HIGH-PERFORMANCE LIFT THRUSTER INCORPORATING SWIRL-AUGMENTED OXIDIZER/FUEL INJECTION, MIXING AND COMBUSTION

for which Assignor is about to make or has made United States or International application for patent

- (a) executed on even date preparatory to filing (each inventor should sign this Assignment on the same day as he/she signs the Declaration and Power of Attorney);
- (b) executed on; or
- (c) filed on September 13, 2002, and assigned Serial No. 10/243,961 or PCT International Application No. _____, and

WHEREAS, The Boeing Company, a corporation of the State of Delaware, having its principal place of business at 100 North Riverside Plaza, Chicago, Illinois 60606-1596, hereinafter referred to as Assignee, is desirous of acquiring an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged, Assignor by these presents does sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the said invention as described in the aforesaid application, said application for patent and all Letters Patent therefor to be held and enjoyed by Assignee to the full end of the term for which said Letters Patent are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letter patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, for the benefit of Assignee without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale or agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue said Letters Patent, Utility Model Registration or Inventor's Certificate to Assignee.

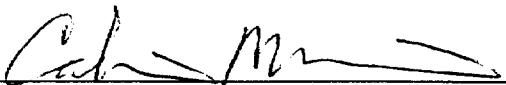
Assignor hereby authorizes and requests my attorney to insert here in parentheses (Application No. _____, filed _____) the filing date and application number of said application when known.

ASSIGNMENT

Donald H. Morris *20 Oct 02*

Donald H. Morris Date

ASSIGNMENT



Calvin Q. Morrison, Jr. Date 10/21/02

ASSIGNMENT

Raymond B. Edelman 10/31/02
Raymond B. Edelman Date

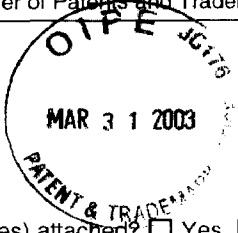
RECORDATION FORM COVER SHEET

PATENTS ONLY

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

1. Name of conveying party(ies):

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Calvin Q. Morrison Jr.
Raymond B. Edelman



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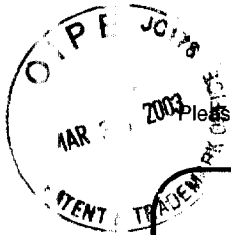
Michael D. Zalobsky
Name of Person Signing

[Signature]
Signature

March 28, 2003
Date

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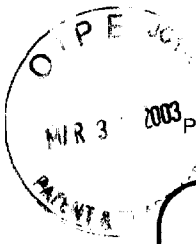
Please type a plus sign (+) inside this box →

TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/243,961	
	Filing Date	September 13, 2002	
	First Named Inventor	Pederson	
	Group Art Unit	3743	
	Examiner Name	N/A	
Total Number of Pages in This Submission	12	Attorney Docket Number	7784-000474

ENCLOSURES <i>(check all that apply)</i>		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers <i>(for an Application)</i> <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group <i>(Appeal Notice, Brief, Reply Brief)</i> <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i> Response to Notice of Non-Recordation of Document & return postcard
Remarks	The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.	
Document ID No. 102288806		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm or Individual name	Harness, Dickey & Pierce, P.L.C.	Attorney Name Michael D. Zalobsky	Reg. No. 45,512
Signature			
Date	March 28, 2003		

CERTIFICATE OF MAILING/TRANSMISSION			
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231, or facsimile transmitted to the U.S. Patent and Trademark Office on the date indicated below.			
Typed or printed name	Carrie A. Hood		
Signature		Date	March 28, 2003



Please type a plus sign (+) inside this box →

TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/243,961	
	Filing Date	September 13, 2002	
	First Named Inventor	Pederson	
	Group Art Unit	3743	
	Examiner Name	N/A	
Total Number of Pages in This Submission	12	Attorney Docket Number	7784-000474

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below) <p style="text-align: center;">Response to Notice of Non-Recordation of Document & return postcard</p>
Remarks	<p>The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.</p> <p>Document ID No. 102288806</p>	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm or Individual name	Harness, Dickey & Pierce, P.L.C.	Attorney Name Michael D. Zalobsky	Reg. No. 45,512
Signature			
Date	March 28, 2003		

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Typed or printed name	Carrie A. Hood		
Signature		Date	March 28, 2003



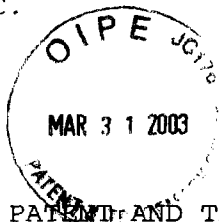
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Due 4-20-03

MARCH 21, 2003

HARNESS, DICKEY & PIERCE, P.L.C.
MARK D. ELCHUK
P.O. BOX 828
BLOOMFIELD HILLS, MI 48303

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102288806A

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DOCUMENT ID NO.: 102288806

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