

11/12/02

Attorney Docket No. 7784-000474

Form PTO-1595

RECC

11-15-2002

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

(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)

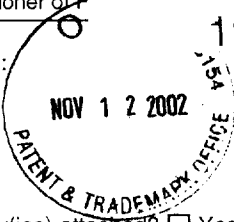


To the Honorable Commissioner of P

and original documents or copy thereof.

102281376

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

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

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

Name: The Boeing Company

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

Street Address: 100 North Riverside PlazaCity: Chicago State: IL Zip: 60606-1596Additional 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. ElchukInternal Address: Harness, Dickey & Pierce, P.L.C.Street Address: P.O. Box 828City: Bloomfield Hills State: MI Zip: 483036. Total number of applications and/or patents involved: One7. Total fee (37 CFR 3.41) . . . . . \$ 40.00

- ☒ Enclosed
- ☐ 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.

DO NOT USE THIS SPACE

## 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]  
SignatureNovember 5, 2002

Date

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

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

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PATENT  
REEL: 013479 FRAME: 0452

# 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

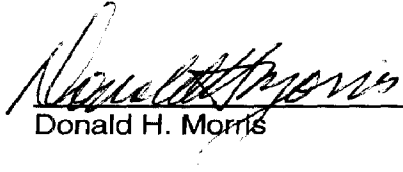
Assignor hereby requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid,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

Robert J. Pederson 10/21/02  
Robert J. Pederson Date

# ASSIGNMENT

 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