

10-11-2005



103097375

ocket No. 6000500-1031

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

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

To the Director of the U.S. Patents and Trademarks: Please record the attached original documents or copy thereof.

09-29-05

1. Name of conveying party(ies):  
**Edward L. Lawson  
Christopher K. Droney  
Darold B. Cummings**

2. Name and address of receiving party(ies):  
**The Boeing Company  
100 North Riverside  
Chicago, IL 60606-1596**

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

3. Nature of conveyance:

- Assignment
- Security Agreement
- Other: \_\_\_\_\_
- Merger
- Change of Name

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

Execution Date: **9/22/05 and 9/28/05**

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: **9/29/05**  
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:

**David E. Crawford, Jr.  
Sonnenschein Nath & Rosenthal  
Post Office Box 061080  
Wacker Drive Station  
Sears Tower  
Chicago, Illinois 60606-1080  
(314)259-5810**

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41).....**\$40.00**  
 Enclosed  
 Authorized to be charged to American Express credit card

8. Deposit account number:  
\_\_\_\_\_

(Attach duplicate copy of this page if paying by deposit account)

**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.*

**David E. Crawford, Jr.**  
Name of Person Signing

Signature

**September 29, 2005**  
Date

Total number of pages including cover sheet, attachments, and documents: **3**

Mail documents to be recorded with required cover sheet information to:  
Mail Stop Assignment Recordation Services, Director of the U.S. Patent and Trademark Office  
P.O. Box 1450, Alexandria, VA 22313-1450

113243 U.S. PTO  
117238347



092905

10/03/2005 MWQLDGE1 00000042 11238347

05 FC:8021

40.00 DP

EXPRESS MAIL EV674725388US

**ASSIGNMENT**

**WHEREAS**, Edward L. Lawson, a citizen of the United States, residing in Long Beach, California; Christopher K. Droney, a citizen of the United States, residing in Huntington Beach, California; and Darold B. Cummings, a citizen of the United States, residing in Hawthorne, California (hereinafter referred to as ASSIGNORS) has made a certain new and useful invention as set forth in an application for United States Letters Patent entitled METHOD AND APPARATUS FOR GENERATING LIFT executed on the date as shown below, and filed concurrently herewith;

**WHEREAS**, The Boeing Company, a corporation organized and existing under the laws of the State of Delaware, having a place of business at 100 North Riverside, Chicago, Illinois 60606-1596, US, and a mailing address of M/C 1640-2101, 15460 Laguna Canyon Road, Irvine, California 92618, US, (hereinafter referred to as ASSIGNEE) is desirous of acquiring the full and exclusive right, title and interest in, to and under the INVENTION and the APPLICATION;

**NOW THEREFORE**, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, ASSIGNORS hereby sells, assign and transfer to ASSIGNEE the full and exclusive right, title and interest in the United States (including its territories and dependencies) and all countries foreign thereto in, to and under the INVENTION, the APPLICATION, and any other United States applications (including provisional, non-provisional, divisional, continuing and reissue applications) based in whole or in part on the APPLICATION or in whole or in part on the INVENTION, and any patents (including extensions thereof) of any country that have been or may be granted on any of the aforesaid applications or on the INVENTION or any part thereof;

ASSIGNORS hereby authorizes and requests the Commissioner of Patents of the United States of America to issue any and all United States Patents that may be granted on the aforesaid applications or on the INVENTION or any part thereof, in the name of ASSIGNEE;

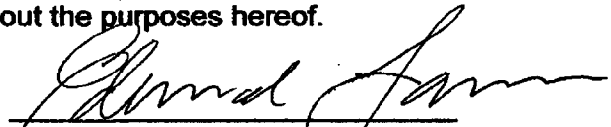
ASSIGNORS hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this sale, assignment and transfer; AND

ASSIGNORS hereby grants to ASSIGNEE and its agents and attorneys the power and right to insert herein the Application Serial No. and filing date of the APPLICATION after this Assignment is executed by ASSIGNORS;

ASSIGNORS further covenants that upon ASSIGNEE'S request it will provide promptly to ASSIGNEE all pertinent facts and documents relating to the aforesaid applications and the INVENTION as may be known and accessible to ASSIGNORS,

and ASSIGNORS will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives without further consideration any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce the aforesaid applications that may be deemed necessary or desirable by ASSIGNEE to carry out the purposes hereof.

Date: 09-28-05

  
Edward L. Lawson

Date: 9-28-2005

  
Christopher K. Drony

Date: 22 SEPT, 2005

  
Darold B. Cummings

23181848V-1