

08-04-2005



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11/19/05

072805

To the Director of the U.S. Patent and Trademark Office, enclosing the attached documents or the new address(es) below.

**1. Name of conveying party(ies)/Execution Date(s):**

- (1) Ketao Liu
- (2) Justin Burch
- (3) Gregory S. Becker
- (4) Patrick A. Nelson

Execution Date(s) (1) 7/20/05; (2) 7/27/05; (3) 7/22/05;  
and (4) 7/20/05

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

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

Name: The Boeing Company

Internal Address: 100 N. Riverside Plaza

Street Address: 100 N. Riverside Plaza

City: Chicago

State: IL

Country: USA Zip: 60606

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

**3. Nature of conveyance:**

- ☒ Assignment ☐ Merger
- ☐ Security Agreement ☐ Change of Name
- ☐ Government Interest Assignment
- ☐ Executive Order 9424, Confirmatory License
- ☐ Other \_\_\_\_\_

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

A. Patent Application No.(s)

☒ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Bradley K. Lortz

Internal Address: 333 N. Indian Hill Blvd., Suite 208

Street Address: 333 N. Indian Hill Blvd., Suite 208

City: Claremont

State: CA Zip: 91711

Phone Number: (909) 624-8880 x101

Fax Number: (909) 494-4441

Email Address: blortz@originlaw.com

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

1

**7. Total fee (37 CFR 1.21(h) & 3.41) \$** 40.00

- ☒ Authorized to be charged by credit card
- ☐ Authorized to be charged to deposit account
- ☐ Enclosed
- ☐ None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers 7782

Expiration Date 04/08

b. Deposit Account Number \_\_\_\_\_

Authorized User Name \_\_\_\_\_

**9. Signature:**

Signature

Date

Bradley K. Lortz

Name of Person Signing

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

6

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

## ASSIGNMENT

WHEREAS, Ketao Liu, Justin Burch, Gregory S. Becker, Patrick A. Nelson (hereinafter "Assignor(s)"), made certain new and useful inventions and improvements which are entitled **GIMBALS DISTURBANCE CALIBRATION AND COMPENSTION** (Docket No. 04-1260/BOECP019) and which are disclosed in:

☒ U.S. Application filed on same date herewith and listing the above named person(s) as inventor(s);

☐ U.S. Application Serial No. \_\_\_\_\_, filed on \_\_\_\_\_.

AND WHEREAS, The Boeing Company, a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 100 N. Riverside Plaza Chicago, IL 60606, with a mailing address of M/C 1640-2101, 15460 Laguna Canyon Road, Irvine, California 92618 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

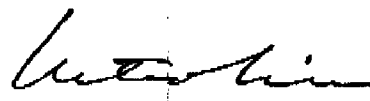
NOW THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, Assignor(s) have sold, assigned, and transferred unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application including, but not limited to, the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and do hereby authorize and request the Commissioner for Patents to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, Assignor(s) do hereby agree that they and their executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to Assignor(s) relating to said improvements and the history thereof and will testify in all legal

proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore Assignor(s) covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by Assignor(s) and that full right to convey the same as herein expressed is possessed by Assignor(s). An attorney of record is authorized and requested by the execution of this assignment to further identify the application above in this assignment, either by indicating that the application is filed on same date herewith or by indicating and inserting into this assignment the filing date and serial number of said application when officially known.

Date: July 20, 2005

Signature:   
Name: Ketao Liu

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

Signature: \_\_\_\_\_  
Name: Justin Burch

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

Signature: \_\_\_\_\_  
Name: Gregory S. Betker

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

Signature: \_\_\_\_\_  
Name: Patrick A. Nelson

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

Signature: \_\_\_\_\_

Name: Ketao Liu

Date: July 27, 2005

Signature:  \_\_\_\_\_

Name: Justin Burch

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

Signature: \_\_\_\_\_

Name: Gregory S. Becker

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

Signature: \_\_\_\_\_

Name: Patrick A. Nelson

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

Signature: \_\_\_\_\_

Name: Ketao Liu

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

Signature: \_\_\_\_\_

Name: Justin Burch

Date: 7/22/2005

Signature: 

Name: Gregory S. Becker

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

Signature: \_\_\_\_\_

Name: Patrick A. Nelson

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

Signature: \_\_\_\_\_  
Name: Ketao Liu

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

Signature: \_\_\_\_\_  
Name: Justin Burch

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

Signature: \_\_\_\_\_  
Name: Gregory S. Becker

Date: July 20, 2005

Signature: Patrick A. Nelson  
Name: Patrick A. Nelson