

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Kevin S. Callahan</td> <td>11/15/2012</td> </tr> <tr> <td>Robert Earl Fisher</td> <td>11/26/2012</td> </tr> <tr> <td>Santiago Alvarado Jr.</td> <td>11/15/2012</td> </tr> </tbody> </table>		Name	Execution Date	Kevin S. Callahan	11/15/2012	Robert Earl Fisher	11/26/2012	Santiago Alvarado Jr.	11/15/2012				
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Kevin S. Callahan	11/15/2012												
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>The Boeing Company</td> </tr> <tr> <td>Street Address:</td> <td>P.O. Box 2515</td> </tr> <tr> <td>Internal Address:</td> <td>Mail Code: 110-SD54</td> </tr> <tr> <td>City:</td> <td>Seal Beach</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>90740</td> </tr> </table>		Name:	The Boeing Company	Street Address:	P.O. Box 2515	Internal Address:	Mail Code: 110-SD54	City:	Seal Beach	State/Country:	CALIFORNIA	Postal Code:	90740
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PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13685524</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13685524								
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CORRESPONDENCE DATA													
<p>Fax Number:</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 503-224-7529</p> <p>Email: boeing@dascenzoiplaw.com</p> <p>Correspondent Name: DASCENZO INTELLECTUAL PROPERTY LAW, P.C.</p> <p>Address Line 1: 522 S.W. 5TH AVENUE</p> <p>Address Line 2: SUITE 925</p> <p>Address Line 4: PORTLAND, OREGON 97204</p>													
ATTORNEY DOCKET NUMBER:	BNG 319												
NAME OF SUBMITTER:	Ian D. Gates												
<p>Total Attachments: 4</p> <p>source=12-1279-ASSNCVR-BNG319_11-26-12#page1.tif</p> <p>source=12-1279-ASSN-BNG319_11-26-12#page1.tif</p> <p>source=12-1279-ASSN-BNG319_11-26-12#page2.tif</p> <p>source=12-1279-ASSN-BNG319_11-26-12#page3.tif</p>													

CH \$40.00 13685524

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

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

**1. Name of conveying party(ies)**

Kevin S. Callahan,  
Robert Earl Fisher,  
and Santiago Alvarado, Jr.

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

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) 11/15/12; 11/26/12; 11/15/12

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

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

Name: THE BOEING COMPANY

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

Street Address: P.O. BOX 2515

MAIL CODE 110-SD54

City: SEAL BEACH

State: CALIFORNIA

Country: USA Zip: 90740

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

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

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

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: IAN D. GATES

Internal Address: DASCENZO INTELLECTUAL PROPERTY  
LAW, P.C.

Street Address: 522 SW 5TH AVENUE, SUITE 925

City: PORTLAND

State: OREGON Zip: 97204

Phone Number: 503-224-7529

Fax Number: 503-224-7329

Email Address: ian@dascenzoiplaw.com

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

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

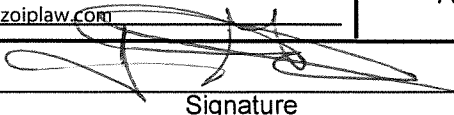
- ☒ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

Deposit Account Number 504551

Authorized User Name IAN D. GATES

**9. Signature:**

  
Signature

November 26, 2012

Date

IAN D. GATES

Name of Person Signing

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

4

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT

Docket No.: BNG 319

**WHEREAS**, Kevin S. Callahan, residing at Shoreline, Washington, Robert Earl Fisher, residing at Everett, Washington, and Santiago Alvarado, Jr., residing at Seattle, Washington (hereinafter "Assignors") have invented certain new and useful inventions and improvements (hereinafter "Invention") described in the United States patent application entitled BUSHINGS, APPARATUSES INCLUDING BUSHINGS, AND ASSOCIATED METHODS for which Assignors are making or have made application for LETTERS PATENT OF THE UNITED STATES, which application has been duly executed by Assignors concurrently herewith; or filed on \_\_\_\_\_ as Application No. \_\_\_\_\_;

**WHEREAS**, The Boeing Company, a corporation organized and existing under the laws of the State of Delaware, USA, having a place of business at 100 N. Riverside Plaza, Chicago, Illinois 60606-2016, with a mailing address of P.O. Box 2515, Mail Code: 110-SD54, Seal Beach, CA 90740, USA (hereinafter called "the Assignee"), is desirous of acquiring the entire right, title and interest in and to the Invention within the United States of America and its territorial possessions and all foreign countries, and in and to any United States or foreign LETTERS PATENT that may be granted therefor;

**NOW, THEREFORE**, for good and valuable consideration, the receipt of which is hereby acknowledged, Assignors have assigned, sold and transferred, and do assign, sell and transfer to the Assignee, its successors and assigns, the entire right, title and interest in and to the Invention within the United States of America and its territorial possessions and all foreign countries, and in and to any LETTERS PATENT of the United States and foreign countries, including utility models, inventor's certificates and like government grants that may be granted for any and all portions thereof, and in and to the patent application identified above and applications for patent filed for the Invention in all foreign countries and all provisional, divisional, reissue, continuation, continuation-in-part applications and extensions of any of the applications for patent or LETTERS PATENT identified herein, including all applications claiming the priority of said applications for patent or LETTERS PATENT identified herein, and the right to apply for LETTERS PATENT in foreign countries with full benefit of such priorities as may now or hereafter be granted to Assignors by local laws or by treaty, including any international convention, for the protection of industrial property, together with the right to extend the protection of the United States LETTERS PATENT to the various territorial possessions now owned or which may be hereafter acquired by the United States of America. Assignee will hold all rights for its own use and benefit and for the use and benefit of its successors or assigns to the full end of the term for which the LETTERS PATENT may be granted, as fully and entirely as the same would have been held and enjoyed by Assignors if this assignment and sale had not been made. Assignors request and authorize the Commissioner of the U.S. Patent and Trademark Office, and foreign counterpart officials of foreign patent offices, to issue respective LETTERS PATENT in the United States and foreign countries when granted, in accordance with this assignment.

Assignors further covenant and agree with the Assignee that Assignors have a full and unencumbered title to the Invention, which title Assignors warrant to the Assignee. Assignors further agree that Assignors will, without demanding any further consideration therefor, at the request and expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, extending, reissuing or reexamining United States and foreign LETTERS PATENT or the like for the Invention, and for maintaining and perfecting the Assignee's right to the Invention and LETTERS PATENT particularly in cases of interference conflict, opposition and litigation.

IN TESTIMONY WHEREOF, I/We have signed this Assignment on the date specified below.

  
\_\_\_\_\_  
Kevin S. Callahan Date

\_\_\_\_\_  
Santiago Alvarado, Jr. Date

\_\_\_\_\_  
Robert Earl Fisher Date

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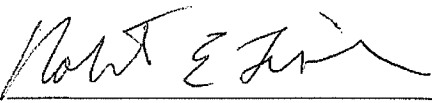
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Kevin S. Callahan

Date

Santiago Alvarado, Jr.

Date

 11/26/12

Robert Earl Fisher

Date

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