

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2586557

| 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>MARK E. LIFFRING</td> <td>10/03/2013</td> </tr> <tr> <td>ROBERT D. HOLLEY</td> <td>10/09/2013</td> </tr> <tr> <td>TY A. LARSEN</td> <td>10/03/2013</td> </tr> <tr> <td>JOHN T. PATERSON</td> <td>10/15/2013</td> </tr> <tr> <td>LOWELL W. SCHAFFNER</td> <td>10/03/2013</td> </tr> <tr> <td>CHRISTOPHER M. SEVERNS</td> <td>10/07/2013</td> </tr> <tr> <td>THOMAS R. HASENOEHRL</td> <td>10/03/2013</td> </tr> <tr> <td>MARK S. SHANDER</td> <td>10/03/2013</td> </tr> <tr> <td>SETH C. TAI</td> <td>10/08/2013</td> </tr> <tr> <td>RONALD C. YABUT</td> <td>10/03/2013</td> </tr> </tbody> </table> |                           | Name          | Execution Date     | MARK E. LIFFRING    | 10/03/2013                | ROBERT D. HOLLEY | 10/09/2013 | TY A. LARSEN   | 10/03/2013 | JOHN T. PATERSON | 10/15/2013 | LOWELL W. SCHAFFNER | 10/03/2013 | CHRISTOPHER M. SEVERNS | 10/07/2013 | THOMAS R. HASENOEHRL | 10/03/2013 | MARK S. SHANDER | 10/03/2013 | SETH C. TAI | 10/08/2013 | RONALD C. YABUT | 10/03/2013 |
| Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Execution Date            |               |                    |                     |                           |                  |            |                |            |                  |            |                     |            |                        |            |                      |            |                 |            |             |            |                 |            |
| MARK E. LIFFRING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 10/03/2013                |               |                    |                     |                           |                  |            |                |            |                  |            |                     |            |                        |            |                      |            |                 |            |             |            |                 |            |
| ROBERT D. HOLLEY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 10/09/2013                |               |                    |                     |                           |                  |            |                |            |                  |            |                     |            |                        |            |                      |            |                 |            |             |            |                 |            |
| TY A. LARSEN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 10/03/2013                |               |                    |                     |                           |                  |            |                |            |                  |            |                     |            |                        |            |                      |            |                 |            |             |            |                 |            |
| JOHN T. PATERSON                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 10/15/2013                |               |                    |                     |                           |                  |            |                |            |                  |            |                     |            |                        |            |                      |            |                 |            |             |            |                 |            |
| LOWELL W. SCHAFFNER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 10/03/2013                |               |                    |                     |                           |                  |            |                |            |                  |            |                     |            |                        |            |                      |            |                 |            |             |            |                 |            |
| CHRISTOPHER M. SEVERNS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 10/07/2013                |               |                    |                     |                           |                  |            |                |            |                  |            |                     |            |                        |            |                      |            |                 |            |             |            |                 |            |
| THOMAS R. HASENOEHRL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 10/03/2013                |               |                    |                     |                           |                  |            |                |            |                  |            |                     |            |                        |            |                      |            |                 |            |             |            |                 |            |
| MARK S. SHANDER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 10/03/2013                |               |                    |                     |                           |                  |            |                |            |                  |            |                     |            |                        |            |                      |            |                 |            |             |            |                 |            |
| SETH C. TAI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 10/08/2013                |               |                    |                     |                           |                  |            |                |            |                  |            |                     |            |                        |            |                      |            |                 |            |             |            |                 |            |
| RONALD C. YABUT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 10/03/2013                |               |                    |                     |                           |                  |            |                |            |                  |            |                     |            |                        |            |                      |            |                 |            |             |            |                 |            |
| RECEIVING PARTY DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                           |               |                    |                     |                           |                  |            |                |            |                  |            |                     |            |                        |            |                      |            |                 |            |             |            |                 |            |
| <table border="1"> <tr> <td>Name:</td> <td>THE BOEING COMPANY</td> </tr> <tr> <td>Street Address:</td> <td>100 NORTH RIVERSIDE PLAZA</td> </tr> <tr> <td>City:</td> <td>CHICAGO</td> </tr> <tr> <td>State/Country:</td> <td>ILLINOIS</td> </tr> <tr> <td>Postal Code:</td> <td>60606-1596</td> </tr> </table>                                                                                                                                                                                                                                                                                                                                                                                              |                           | Name:         | THE BOEING COMPANY | Street Address:     | 100 NORTH RIVERSIDE PLAZA | City:            | CHICAGO    | State/Country: | ILLINOIS   | Postal Code:     | 60606-1596 |                     |            |                        |            |                      |            |                 |            |             |            |                 |            |
| Name:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | THE BOEING COMPANY        |               |                    |                     |                           |                  |            |                |            |                  |            |                     |            |                        |            |                      |            |                 |            |             |            |                 |            |
| Street Address:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 100 NORTH RIVERSIDE PLAZA |               |                    |                     |                           |                  |            |                |            |                  |            |                     |            |                        |            |                      |            |                 |            |             |            |                 |            |
| City:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | CHICAGO                   |               |                    |                     |                           |                  |            |                |            |                  |            |                     |            |                        |            |                      |            |                 |            |             |            |                 |            |
| State/Country:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ILLINOIS                  |               |                    |                     |                           |                  |            |                |            |                  |            |                     |            |                        |            |                      |            |                 |            |             |            |                 |            |
| Postal Code:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 60606-1596                |               |                    |                     |                           |                  |            |                |            |                  |            |                     |            |                        |            |                      |            |                 |            |             |            |                 |            |
| 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>14052279</td> </tr> </tbody> </table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                           | Property Type | Number             | Application Number: | 14052279                  |                  |            |                |            |                  |            |                     |            |                        |            |                      |            |                 |            |             |            |                 |            |
| Property Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Number                    |               |                    |                     |                           |                  |            |                |            |                  |            |                     |            |                        |            |                      |            |                 |            |             |            |                 |            |
| Application Number:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 14052279                  |               |                    |                     |                           |                  |            |                |            |                  |            |                     |            |                        |            |                      |            |                 |            |             |            |                 |            |
| CORRESPONDENCE DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                           |               |                    |                     |                           |                  |            |                |            |                  |            |                     |            |                        |            |                      |            |                 |            |             |            |                 |            |
| Fax Number:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | (404)815-1700             |               |                    |                     |                           |                  |            |                |            |                  |            |                     |            |                        |            |                      |            |                 |            |             |            |                 |            |
| Phone:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 404-815-1900              |               |                    |                     |                           |                  |            |                |            |                  |            |                     |            |                        |            |                      |            |                 |            |             |            |                 |            |
| Email:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | docketing@hbipfirm.com    |               |                    |                     |                           |                  |            |                |            |                  |            |                     |            |                        |            |                      |            |                 |            |             |            |                 |            |
| <i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                           |               |                    |                     |                           |                  |            |                |            |                  |            |                     |            |                        |            |                      |            |                 |            |             |            |                 |            |
| Correspondent Name:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | HOPE BALDAUFF, LLC        |               |                    |                     |                           |                  |            |                |            |                  |            |                     |            |                        |            |                      |            |                 |            |             |            |                 |            |
| Address Line 1:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1720 PEACHTREE STREET, NW |               |                    |                     |                           |                  |            |                |            |                  |            |                     |            |                        |            |                      |            |                 |            |             |            |                 |            |

OP \$40.00 14052279

Address Line 2: SUITE 1010  
Address Line 4: ATLANTA, GEORGIA 30309

ATTORNEY DOCKET NUMBER: 12-1193/60055.0217US01

NAME OF SUBMITTER: WILLIAM B. LAFFERTY

Signature: /William B. Lafferty/

Date: 10/22/2013

**Total Attachments: 11**

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## ASSIGNMENT

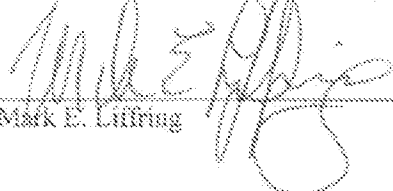
**WHEREAS**, **Mark E. Liffing**, residing in Seattle, WA, USA, **Robert D. Holley**, residing in Seattle, WA, USA, **Ty A. Larsen**, residing in Everett, WA; **John T. Paterson**, residing in Mukilteo, WA, USA; **Lowell W. Schaffner**, residing in Seattle, WA, USA; **Christopher M. Severns**, residing in Issaquah, WA, USA; **Thomas R. Hasenoechrl**, residing in Standwood, WA, USA; **Mark S. Shander**, residing in Mill Creek, WA, USA, **Seth C. Tai**, residing in Federal Way, WA; USA and **Ronald C. Yabut**, residing in Edmonds, WA, USA (hereinafter "Assignor") has invented certain new and useful improvements in "**MODULAR EQUIPMENT CENTER INTEGRATED TRUSS SENSORS**" (hereinafter "invention") for which Assignor is making or has made application for LETTERS PATENT OF THE UNITED STATES, which application has been duly executed by Assignor on date(s) listed below.

**WHEREAS**, The Boeing Company, a corporation organized and existing under the laws of the State of Delaware, US, having a place of business at 100 North Riverside Plaza, Chicago, Illinois 60606-1596, with a mailing address of P.O. Box 2515 MC 110-SD54, Seal Beach, California 90740-2515, 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 any United States or foreign LETTERS PATENT that may be granted therefor.

**NOW, THEREFORE**, for good and valuable considerations, the receipt which is hereby acknowledged, Assignor has assigned, sold and transferred, and does assign, sell and transfer to the Assignee 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, and all divisions, reissues, continuations and extensions thereof that may be granted therefor, 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 Assignor 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 Assignor if this assignment and sale had not been made. Assignor requests and authorizes the Commissioner of Patents and Trademarks, US and its foreign counterparts, to issue the LETTERS PATENT when granted, in accordance with this assignment.

Assignor further covenants and agrees with the Assignee that Assignor has a full and unencumbered title to the invention, which title Assignor warrants to the Assignee. Assignor further agrees that Assignor 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 have signed this Assignment on the date specified below.

 10/3/2013  
Mark E. Liffing (date)

Robert D. Holley (date)

Ty A. Larsen (date)

John T. Paterson (date)

Lowell W. Schaffner (date)

Christopher M. Severns (date)

Thomas R. Hazenochel (date)

Mark S. Shander (date)

Seth C. Tai (date)

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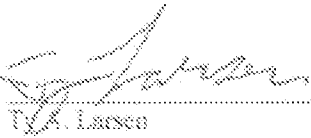
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Seth C. Tai (date)

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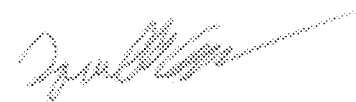
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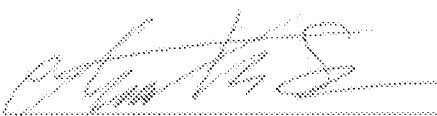
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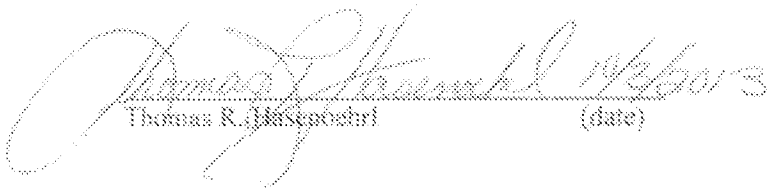
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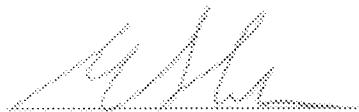
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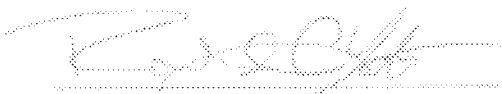
Lowell W. Schaffner (date)

Christopher M. Severna (date)

Thomas R. Hasenoehrl (date)

Mark S. Shender (date)

Seth C. Tai (date)

 30 Oct 2013  
Ronald C. Yabut (date)