

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>John R. Hull</td> <td>03/27/2012</td> </tr> <tr> <td>John A. Mittleder</td> <td>04/02/2012</td> </tr> <tr> <td>Michael Strasik</td> <td>03/27/2012</td> </tr> </tbody> </table> | | Name | Execution Date | John R. Hull | 03/27/2012 | John A. Mittleder | 04/02/2012 | Michael Strasik | 03/27/2012 |
| Name | Execution Date | | | | | | | | |
| John R. Hull | 03/27/2012 | | | | | | | | |
| John A. Mittleder | 04/02/2012 | | | | | | | | |
| Michael Strasik | 03/27/2012 | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | |
| Name: | The Boeing Company | | | | | | | | |
| Street Address: | 100 N. Riverside | | | | | | | | |
| City: | Chicago | | | | | | | | |
| State/Country: | ILLINOIS | | | | | | | | |
| Postal Code: | 60606-2016 | | | | | | | | |
| 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>13438279</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13438279 | | | | |
| Property Type | Number | | | | | | | | |
| Application Number: | 13438279 | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | |
| Fax Number: | (919)838-3115 | | | | | | | | |
| Phone: | 919-755-8768 | | | | | | | | |
| Email: | elaine.beer@smithmoorelaw.com | | | | | | | | |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> | | | | | | | | | |
| Correspondent Name: | Elaine Beer, Smith Moore Leatherwood | | | | | | | | |
| Address Line 1: | 434 Fayetteville Street | | | | | | | | |
| Address Line 2: | Suite 2800 | | | | | | | | |
| Address Line 4: | Raleigh, NORTH CAROLINA 27601 | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 5013899.007US1 | | | | | | | | |
| NAME OF SUBMITTER: | David M. Krasnow | | | | | | | | |
| Total Attachments: 3 source=007US1-13438279#page1.tif source=007US1-13438279#page2.tif source=007US1-13438279#page3.tif | | | | | | | | | |

CH \$40.00 13438279

ASSIGNMENT

WHEREAS, JOHN R. HULL, residing at Sammamish, Washington, JOHN A. MITTLEIDER, residing at Kent, Washington, and MICHAEL STRASIK, residing at Sammamish, Washington, and (hereinafter "Assignors") have invented certain new and useful inventions and improvements (hereinafter "Invention") described in the United States patent application entitled LIGHTWEIGHT COMPOSITE SAFETY CONTAINMENT FOR FLYWHEEL ENERGY STORAGE for which Assignors are making or have made application for LETTERS PATENT OF THE UNITED STATES, which application has been duly executed by Assignors and is being filed concurrently herewith.

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, Chicago, Illinois 60606-2016, with a mailing address of P.O. Box 2515, Mailcode 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 does 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.

John R. Hull

JOHN R. HULL

27 March 2012

Date

JOHN A. MITTLEIDER

Date

Michael Strasiak

MICHAEL STRASIK

27 March 2012

Date

RALEIGH 432323.1

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.

JOHN R. HULL

Date



JOHN A. MITTLEIDER

4/2/12

Date

MICHAEL STRASIK

Date

RALEIGH 432323.1