## 502471515 08/26/2013

## PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

## **CONVEYING PARTY DATA**

Name	Execution Date
Scott M. Livingston	08/21/2013
Jack W. Mauldin	08/21/2013
Robert P. Lotter	08/21/2013
Paul B. Philipp	08/22/2013
Khalid S. Alshobber	08/21/2013
John N. Harris	08/23/2013

## **RECEIVING PARTY DATA**

Name:	The Boeing Company	
Street Address:	100 North Riverside Plaza	
City:	Chicago	
State/Country:	ILLINOIS	
Postal Code:	60606	

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13975797

# **CORRESPONDENCE DATA**

**Fax Number**: 2163950115

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Correspondent Name: Victor J. Wasylyna

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ATTORNEY DOCKET NUMBER: 13-0275

PATENT

REEL: 031082 FRAME: 0187

P \$40.00 13975797

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Address Line 4:

NAME OF SUBMITTER:	Victor J. Wasylyna	
Signature:	/victor j wasylyna/	
Date:	08/26/2013	
Total Attachments: 2 source=13-0275 Assignment#page1.tif source=13-0275 Assignment#page2.tif		

PATENT REEL: 031082 FRAME: 0188

#### ASSIGNMENT

WHEREAS, Scott M. Livingston of Seattle, Washington, Jack W. Mauldin of Mill Creek, Washington, Robert P. Lotter of Mill Creek, Washington, Paul B. Philipp of Woodinville, Washington, Khalid S. Alshobber of Seattle, Washington, and John N. Harris of Seattle, Washington, (hereinafter "Assignors") have invented certain new and useful inventions and improvements (hereinafter "Invention") described in the United States patent application entitled FIRE SEAL END CAP AND ASSOCIATED MULTI-MEMBER ASSEMBLY AND METHOD 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;

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 North Riverside Plaza, Chicago, Illinois 60606-2016 (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.

Scott M. Livingston

Date

Date

Date

Scott M. Livingston

Date

Date

Date

Scott M. Livingston

Date

Date

Date

Date

Date

John N. Harris

Date

IN TESTIMONY WHEREOF, we have signed this Assignment on the date specified below.

PATENT REEL: 031082 FRAME: 0189 Docket No. 13-0245

#### ASSIGNMENT

WHEREAS, Scott M. Livingston of Seattle, Washington, Jack W. Mauldin of Mill Creek, Washington, Robert P. Lotter of Mill Creek, Washington, Paul B. Philipp of Woodinville, Washington, Khalid S. Alshobber of Seattle, Washington, and John N. Harris of Seattle, Washington, (hereinafter "Assignors") have invented certain new and useful inventions and improvements (hereinafter "Invention") described in the United States patent application entitled FIRE SEAL END CAP AND ASSOCIATED MULTI-MEMBER ASSEMBLY AND METHOD 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;

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 North Riverside Plaza, Chicago, Illinois 60606-2016 (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.

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IN TESTIMONY WHEREOF, we have signed this Assignment on the date specified below.

Scott M. Livingston	Date	Jack W. Mauldin	Date
Robert P. Lotter	Date	Paul B. Philipp  John N Harris	Date
Khalid S. Alshobber	Date	John N. Harris	<b>P/23/13</b> Date

PATENT

REEL: 031082 FRAME: 0190