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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL STRASIK	03/10/2015
JEAN-MICHEL FOUARD	03/09/2015
CHRISTOPHER WHEATON	03/12/2015

RECEIVING PARTY DATA

Name:	THE BOEING COMPANY		
Street Address:	100 N. RIVERSIDE		
City:	CHICAGO		
State/Country:	ILLINOIS		
Postal Code:	60606-1596		

PROPERTY NUMBERS Total: 1

Property Type	Number				
Application Number:	14657563				

CORRESPONDENCE DATA

Fax Number: (314)621-5071

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JOHN S. BEULICK (24691) ARMSTRONG TEASDA **Correspondent Name:**

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ATTORNEY DOCKET NUMBER:	14-2018-US-NP (24691-809)		
NAME OF SUBMITTER:	ROBERT B. REESER, III		
SIGNATURE:	/Robert B. Reeser, III/		
DATE SIGNED:	03/13/2015		

Total Attachments: 3

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PATENT REEL: 035164 FRAME: 0964 503218611

ASSIGNMENT

Docket No.: 14-2018-US-NP (24691-809)

(
WHEREAS, Michael Strasik, residing at Sammamish, Washington, Jean-Michel Fouard residing at Marysville Washington, and Christopher Wheaton residing at Snohomish, Washington (hereinafter "Assignor") has/hav invented certain new and useful inventions and improvements (hereinafter "Invention") described in the Unite States patent application entitled SYSTEMS AND METHODS FOR DUCT PROTECTION for which Assignor making or has made application for LETTERS PATENT OF THE UNITED STATES, which application has beed duly executed by Assignor concurrently herewith; or filed onas Application No;
WHEREAS, The Boeing Company, a corporation organized and existing under the laws of the State of Delaward USA, having a place of business at 100 N. Riverside, Chicago, Illinois 60606-1596, with a mailing address of 530 Bolsa Avenue, Huntington Beach, California, 92647, USA (hereinafter called "the Assignee"), is desirous acquiring the entire right, title and interest in and to the Invention within the United States of America and interritorial 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, Assigne has assigned, sold and transferred, and does assign, sell and transfer to the Assignee, its successors and assigns, in entire right, title and interest in and to the Invention within the United States of America and its territoria possessions and all foreign countries, and in and to any LETTERS PATENT of the United States and foreign countries including willing willing the countries.

has assigned, sold and transferred, and does assign, sell and transfer to the Assignee, its successors and assigns, its 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 claiming the priority of said 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 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 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.

Assignor further covenants and agrees with the Assignee that Assignor has a full and unencumbered title to the Assignor's interest in 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.

Assignor authorizes and directs any of the attorneys responsible for prosecuting the subject application on behalf of the ASSIGNEE to insert the application number and filing date of the subject application in the first paragraph of this assignment.

ASSIGNMENT Docket No.: 14-2018-US-NP (24691-809)

WHEREAS,	Michael	Strasik, r	esiding at S	ammamis	sh, Wash	ington,	Jean-M	lichel Fouai	d residing a	t Marysville,
Washington,	and Ch	ristopher	Wheaton res	siding at	Snohom	ish, Wa	ashingto	on (hereinaf	ter "Assigno	or") has/have
invented certa										
States patent a										
making or has	made a	pplication	for LETTER	RS PATE	NT OF	THE UN	IITED :	STATES, w	hich applica	tion has been
duly execute	ed by	Assignor	concurrer	itly her	ewith;	or file	ed on		as	Application
No		<u> </u>								

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 60606-1596, with a mailing address of 5301 Bolsa Avenue, Huntington Beach, California, 92647, 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, Assignor has assigned, sold and transferred, and does assign, sell and transfer to the Assignee, its successors and assigns, its 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 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 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.

Assignor further covenants and agrees with the Assignee that Assignor has a full and unencumbered title to the Assignor's interest in 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.

Assignor authorizes and directs any of the attorneys responsible for prosecuting the subject application on behalf of the ASSIGNEE to insert the application number and filing date of the subject application in the first paragraph of this assignment.

IN 1E311MON1 WHERE	JF, I/we have signe	nea below.	
			3/9/15
Michael Strasik	Date	Jean Monel Fouard	Date
Christopher Wheaton	Date	\mathcal{U}	

ASS	IGNMENT	Docket No.:	14-2018-US-NP (24691-809)
WHEREAS, Michael Strasik, residing at Samma Washington, and Christopher Wheaton residing invented certain new and useful inventions and i States patent application entitled SYSTEMS AND making or has made application for LETTERS PAduly executed by Assignor concurrently No;	at Snohomish, Volumprovements (her METHODS FOR ATENT OF THE U	Vashington (her einafter "Inven DUCT PROTI INITED STATI	reinafter "Assignor") has/have tion") described in the United ECTION for which Assignor is ES, which application has beer
WHEREAS, The Boeing Company, a corporation USA, having a place of business at 100 N. Riversi Bolsa Avenue, Huntington Beach, California, 92 acquiring the entire right, title and interest in an territorial possessions and all foreign countries, and may be granted therefor;	de, Chicago, Illino 2647, USA (herei d to the Invention	is 60606-1596, nafter called "t within the Un	with a mailing address of 5301 the Assignee"), is desirous of ited States of America and its
NOW, THEREFORE, for good and valuable conthas assigned, sold and transferred, and does assignentire right, title and interest in and to the Inverse possessions and all foreign countries, and in and countries, including utility models, inventor's cert and all portions thereof, and in and to the patent application in all foreign countries and all proapplications and extensions of any of the applicational applications claiming the priority of said applications claiming the priority of said applications claiming the priority of said applications of apply for LETTERS PATENT in force hereafter be granted to Assignor by local laws or both of industrial property, together with the right to each the various territorial possessions now owned or was a signed will hold all rights for its own use and be full end of the term for which the LETTERS PATENT been held and enjoyed by Assignor if this assignment the Commissioner of the U.S. Patent and Tradecoffices, to issue respective LETTERS PATENT accordance with this assignment.	n, sell and transfer ention within the litto any LETTER ifficates and like goplication identified visional, divisional ons for patent or Lications for patent eign countries with y treaty, including attend the protection which may be here entited and for the use ENT may be granteent and sale had no mark Office, and	to the Assigned United States S PATENT of overnment grand above and appel, reissue, con ETTERS PATE or LETTERS In full benefit of any internations on of the United after acquired by the end benefit of the united at the content of the United after acquired by the end benefit of the United after acquired by the end benefit of the united at the content of the United at the content of the United at the content of the United at the unite	e, its successors and assigns, its of America and its territoria the United States and foreign ats that may be granted for any dications for patent filed for the atinuation, continuation—in-paraint identified herein, including PATENT identified herein, and such priorities as may now or al convention, for the protection is States LETTERS PATENT to y the United States of America f its successors or assigns to the entirely as the same would have assignor requests and authorized part officials of foreign patent
Assignor further covenants and agrees with the Assignor's interest in the Invention, which title Assignor will, without demanding any further con all lawful and just acts, including the execution necessary for obtaining, sustaining, extending, PATENT or the like for the Invention, and for ma LETTERS PATENT particularly in cases of interference.	Assignor warrants sideration therefor, and acknowledgreissuing or reexa intaining and perfe	to the Assigned at the request a ment of instruc- mining United ecting the Assig	e. Assignor further agrees that and expense of the Assignee, do ments, that may be or become States and foreign LETTER, mee's right to the Invention and
Assignor authorizes and directs any of the attorne the ASSIGNEE to insert the application number this assignment.	ys responsible for pand filing date of (prosecuting the the subject appl	subject application on behalf o ication in the first paragraph o
IN TESTIMONY WHEREOF, I/We have signed t	his Assignment on	the date specifi	ed below.

Jean-Michel Fouard

Date

3/12/15 Date

Michael Strasik

Christopher Wheaton

RECORDED: 03/13/2015

PATENT

REEL: 035164 FRAME: 0967

Date