# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6864885

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
KRISTOPHER WILLIAM TALCOTT	08/03/2021
MARK ABDOUCH	08/09/2021
MATTHEW MCKINLEY WHITMER	08/03/2021
FERNANDO L. PEREZ DIAZ	08/03/2021
MARK EDMUND RICHARDSON	08/04/2021
ALEXANDER S. SUKHOMLINOV	08/10/2021

## **RECEIVING PARTY DATA**

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

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17402098

## **CORRESPONDENCE DATA**

Fax Number: (503)224-7329

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 5032247529 Email: laura@dgip.law

DASCENZO GATES INTELLECTUAL PROPERTY LAW, P.C. **Correspondent Name:** 

Address Line 1: 1000 SW BROADWAY, SUITE 1555

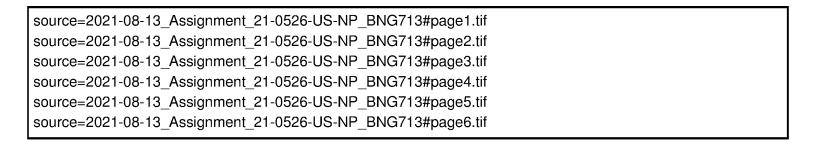
Address Line 4: PORTLAND, OREGON 97205

ATTORNEY DOCKET NUMBER:	21-0526-US-NP (BNG 713)
NAME OF SUBMITTER:	IAN D. GATES
SIGNATURE:	/lan D. Gates/
DATE SIGNED:	08/13/2021

**Total Attachments: 6** 

**PATENT REEL: 057176 FRAME: 0861** 

506818064



**PATENT REEL: 057176 FRAME: 0862** 

WHEREAS, Kristopher William Talcott, residing at Seattle, Washington, Mark Abdouch, residing at Mukilteo
Washington, Matthew McKinley Whitmer, residing at Seattle, Washington, Fernando L. Perez Diaz, residing at Everett
Washington, Mark Edmund Richardson, residing at Issaquah, Washington, and Alexander S. Sukhomlinov, residing at
Mukilteo, Washington (hereinafter "Assignors") have invented certain new and useful inventions and improvements
(hereinafter "Invention") described in the United States patent application entitled FUEL DAMS, AIRCRAFT WING
BOXES, AIRCRAFT, AND METHODS OF ASSEMBLING AIRCRAFT WINGS 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 August 13, 2021 as Application No. 17/402,098 ;

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 60606-1596, with a mailing address of 100 North Riverside Plaza, Chicago, Illinois 60606-1596, 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 the 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.

Assignors authorize and direct 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 TESTIMONY WHEREOF, I/We have signed this Assignment on the date specified below.

Kris Talcott 81	13/2021		
KRISTOPHER WILLIAM TALCOTT	Date	MARK ABDOUCH	Date
MATTHEW MCKINLEY WHITMER	Date	FERNANDO L. PEREZ DIAZ	Date
MARK EDMUND RICHARDSON	 Date	ALEXANDER S. SUKHOMLINOV	 Date

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21-0526-US-NP (BNG 713)

WHEREAS, Kristopher William Talcott, residing at Seattle, Washington, Mark Abdouch, residing at Mukliteo, Washington, Matthew McKinley Whitmer, residing at Seattle, Washington, Fernando L. Perez Diaz, residing at Everett, Washington, Mark Edmund Richardson, residing at Issaquah, Washington, and Alexander S. Sukhomlinov, residing at Mukliteo, Washington (hereinafter "Assignors") have invented certain new and useful inventions and improvements (hereinafter "Invention") described in the United States patent application entitled FUEL DAMS, AIRCRAFT WING BOXES, AIRCRAFT, AND METHODS OF ASSEMBLING AIRCRAFT WINGS 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 August 13, 2021 as Application No. 17/402,098

WHEREAS, The Boeing Company, a corporation organized and existing under the laws of the State of Delaware, USA, baving a place of business at 100 North Riverside Plaza, Chicago, Illinois 60606-1596, with a mailing address of 100 North Riverside Plaza, Chicago, Illinois 60606-1596, 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 the respective LETTERS PATENT in the United States and foreign committee 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.

Assignors authorize and direct 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 TESTIMONY WHEREOF, I/We have signed this Assignment on the date specified below.

		Mark Whiteley h	28/29/2021
KRISTOPHER WILLIAM TALCOTT	Date	MARK ABDOUCH	Date
MATTHEW MCKINLEY WHITMER	Date	FERNANDO L. PEREZ DIAZ	 Date
MABK EDMUND RICHARDSON	Date	ALEXANDER'S, SUKHOMLINOV	Date

Page 1 of 1 - ASSIGNMENT

21-0526-US-NP (BNG 713)

WHEREAS, Kristopher William Talcott, residing at Seattle, Washington, Mark Abdouch, residing at Mukilteo,
Washington, Matthew McKinley Whitmer, residing at Seattle, Washington, Fernando L. Perez Diaz, residing at Everett,
Washington, Mark Edmund Richardson, residing at Issaquah, Washington, and Alexander S. Sukhomlinov, residing at
Mukilteo, Washington (hereinafter "Assignors") have invented certain new and useful inventions and improvements
(hereinafter "Invention") described in the United States patent application entitled FUEL DAMS, AIRCRAFT WING
BOXES, AIRCRAFT, AND METHODS OF ASSEMBLING AIRCRAFT WINGS 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 August 13, 2021 as Application No. 17/402,098;

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 60606-1596, with a mailing address of 100 North Riverside Plaza, Chicago, Illinois 60606-1596, 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 the respective LETTERS PATENT in the United States and foreign countries when granted, in accordance with this assignment.

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

KRISTOPHER WILLIAM TALCOTT	Date	MARK ABDOUCH	Date
Matthew Whitmer	8/3/2021		
MATTHEW MCKINLEY WHITMER	Date	FERNANDO L. PEREZ DIAZ	Date
MARK EDMUND RICHARDSON	 Date	ALEXANDER S. SUKHOMLINOV	 Date

WHERRAS, Kristopher William Talcott, residing at Scattle, Washington, Mark Abdouch, residing at Moloiteo, Washington, Matthew McKoley Whitner, residing at Scattle, Washington, Fernando L. Petez Disz, residing at Everett, Washington, Mark Edmand Richardson, residing at Issaquah, Washington, and Alexander S. Suthominnor, residing at Makilton, Washington (Reminator "Assignors") have intented certain new and useful inventions and improvements (hereinafter "Invention") described in the United States patent application entitled FUEL DAMS, AIRCRAFT WING BOKES, AIRCRAFT, AND METHCHIS (If ASSIMBLING AIRCRAFT WING) for which Assignors are making or have made application for LITTERS PATENT OF THE INSTED STATES, which application has been duly exceeded by Assignors concurrently herewith; or filed on \_August 13, 2021 as Application No. 17/402,098

WHEREAS, The Boeing Company, a corporation organized and existing under the laws of the State of Delaware, USA, having a place of business at 150 North Riverside Plaza, Chicago, Illinois 60606-1596, with a mailing address of 300 North Riverside Plaza, Chicago, Illinois 60606-1596, USA (hereinafter called "the Assignee"), is destrous of acquaring the entire right, title and interest in and to the Invention within the United States of America and its territorial possessions and all foreign LETTERS PATENT that may be granted therefor,

NOW, THEREFORE, for good and voltable consideration, the receipt of which is hereby acknowledged, Assignors have assigned, sold and transferred, and do assign, sell and transfer to the Assignee, its accessors 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 constries, and in and to any LETTERS PATENT of the United States and foreign contries, 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 explications for patent filed for the invention in all foreign countries and all provisional, divisional, release, continuation, continuation—in-part applications and extensions of any of the applications for patent or LETTERS PATENT identified herein, including all applications of 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. Assignce will hold all rights for its own use and benefit and for the use and benefit of the same or assigns to the full end of the term for which the LETTERS PATENT may be hereafter acquired by the States of America. Assignce will hold all rights for its own use and benefit and for the use and benefit of the same or assigns to the full end of the term for which the LETTERS PATENT may be hereafter and and enjoyed by Assignors if this assignment and sale had not been made. Assignors request and authorize the Controlissioner of the U.S. Patent and Traderrark Office, and fo

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KRISTOPHER WILLIAM TALCOTT 1966	MARK ABDOUCH Date
	JADA 8/3/2021
MATTHEW MCKINLEY WHITMER Date	FERNANDO L. PEREZ DIA DATA
11941	
MARK EDMUND RICHARDSON Date	ALEXANDER S. SUKHOMLINOV Dote
Page 1 of 1 - ASSIGNMENT	11-0526-US-NP (BNO 713)

PATENT

**REEL: 057176 FRAME: 0866** 

WHEREAS, Kristopher William Talcott, residing at Seattle, Washington, Mark Abdouch, residing at Mukilteo,
Washington, Matthew McKinley Whitmer, residing at Seattle, Washington, Fernando L. Perez Diaz, residing at Everett,
Washington, Mark Edmund Richardson, residing at Issaquah, Washington, and Alexander S. Sukhomlinov, residing at
Mukilteo, Washington (hereinafter "Assignors") have invented certain new and useful inventions and improvements
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KRISTOPHER WILLIAM TALCOTT	Date	MARK ABDOUCH	Date
MATTHEW MCKINLEY WHITMER	Date	FERNANDO L. PEREZ DIAZ	Date
Mal 12. 08	-04-2021		
MARK EDMUND RICHARDSON	Date	ALEXANDER S. SUKHOMLINOV	Date

21**RAJENT** (BNG 713) REEL: 057176 FRAME: 0867

WHEREAS, Kristopher William Talcott, residing at Seattle, Washington, Mark Abdouch, residing at Mukilteo, Washington, Matthew McKinley Whitmer, residing at Seattle, Washington, Fernando L. Perez Diaz, residing at Everett, Washington, Mark Edmund Richardson, residing at Issaquah, Washington, and Alexander S. Sukhomimov, residing at Mukilteo, Washington (hereinafter "Assignors") have invented certain new and useful inventions and improvements (hereinafter "Invention") described in the United States patent application entitled FUEL DAMS, AIRCRAFT WING BOXES, AIRCRAFT, AND METHODS OF ASSEMBLING AIRCRAFT WINGS 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 \_\_\_August 13, 2021 \_\_\_\_ as Application No. 17/402.098

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KRISTOPHER WILLIAM TALCOTT	Date	MARK ABDOUCH	Date
MATTHEW MCKINLEY WHITMER	Date	FERNANDO L. PEREZ DIAZ	Date
		Bushonf	8/10/2021
MARK EDMUND RICHARDSON	Date	ALEXANDER S. SUKHOMLIN	IOV Date

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21-0526-US-NP (BNG 713)

PATENT