

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5481411

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ROBERT STEVEN WRIGHT	04/05/2019
JAMES TANE IWAMOTO	04/05/2019
JACK WILLIAM MAULDIN	04/05/2019
AUGUST WEST MCKENNA	04/08/2019
RICHARD KEVIN WILSON	04/10/2019
BRUCE ALLEN BISKUP	04/05/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE BOEING COMPANY
<b>Street Address:</b>	100 NORTH RIVERSIDE PLAZA
<b>City:</b>	CHICAGO
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	60606-1596
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16382138
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(503)972-9115
<i>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.</i>	
<b>Phone:</b>	(503) 224-6655
<b>Email:</b>	veronica@khpattent.com
<b>Correspondent Name:</b>	KOLISCH HARTWELL, P.C.
<b>Address Line 1:</b>	520 SW YAMHILL STREET
<b>Address Line 2:</b>	SUITE 300
<b>Address Line 4:</b>	PORTLAND, OREGON 97204
<b>ATTORNEY DOCKET NUMBER:</b>	18-2849-US-NP (BOE3C4A)
<b>NAME OF SUBMITTER:</b>	PIERRE C. VAN RYSSELBERGHE
<b>SIGNATURE:</b>	/Pierre C. Van Rysselberghe/
<b>DATE SIGNED:</b>	04/18/2019

**Total Attachments: 6**

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ASSIGNMENT

WHEREAS, Robert Steven Wright, residing at Seattle, Washington, James Yane Iwamoto, residing at Renton, Washington, Jack William Mauldin, residing at Mill Creek, Washington, August Wren McKenna, residing at Everett, Washington, Richard Kevin Wilson, residing at Bothell, Washington, and Bruce Allen Bickup, residing at Bothell, Washington, (hereinafter "Assignor") has invented certain new and useful inventions and improvements (hereinafter "Invention") described in the United States patent application entitled a SYSTEMS AND METHODS FOR POSITIONING AIRCRAFT ENGINE COMPONENTS for which Assignor is making or has made application for LETTERS PATENT OF THE UNITED STATES, which application has been duly executed by Assignor concurrently herewith or filed on April 11, 2019 Application No. 16/382,138

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, 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 in 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 successor 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.

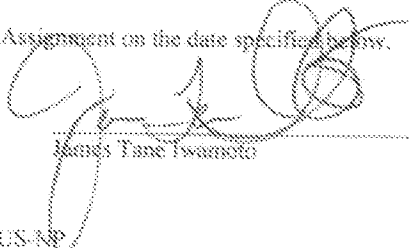
Assignor further covenants and agrees with the Assignee that Assignor has a full and unencumbered title to the Assignor's interest in the Invention, which title Assignor warrants to the Assignee. Assignor further agrees that Assignor will, without demanding any further consideration therefor, at the 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 TESTIMONY WHEREOF, I have signed this Assignment on the date specified below.

Robert Steven Wright

Date



James Yane Iwamoto

Date

4/15/19

*Jack William Mauldin 4/5/2019*

\_\_\_\_\_  
Jack William Mauldin

\_\_\_\_\_  
Date

\_\_\_\_\_  
August West McKenna

\_\_\_\_\_  
Date

\_\_\_\_\_  
Richard Kevin Wilson

\_\_\_\_\_  
Date

\_\_\_\_\_  
Bruce Allen Biskup

\_\_\_\_\_  
Date

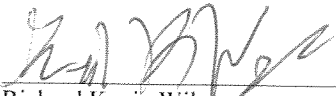
\_\_\_\_\_  
Jack William Mauldin Date

\_\_\_\_\_  
August W. [unclear] Date

07/08/2019

\_\_\_\_\_  
Richard Kevin Wilson Date

\_\_\_\_\_  
Bruce Allen Biskup Date

\_\_\_\_\_  
Jack William Mauldin                      Date  
                      4-10-19  
\_\_\_\_\_  
Richard Kevin Wilson                      Date

\_\_\_\_\_  
August West McKenna                      Date  
  
\_\_\_\_\_  
Bruce Allen Biskup                      Date

\_\_\_\_\_  
Jack William Mauldin                      Date

\_\_\_\_\_  
August West McKenna                      Date

\_\_\_\_\_  
Richard Kevin Wilson                      Date

*Bruce Allen Biskup* 4/5/2019  
\_\_\_\_\_  
Bruce Allen Biskup                      Date