

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6048634

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MICHAEL E. IRRGANG	03/28/2014
CHARLES E. KAUL	04/01/2014
ANDREW E. HALL	03/27/2014
ANDREA DE CLERK	03/27/2014
ELHAM BOOZARJOMEHRI	03/27/2014
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:	16841267
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Phone:	713-623-4844
Email:	Boeing_Admin@pattersonsheridan.com, PSDocketing@pattersonsheridan.com
Correspondent Name:	PATTERSON & SHERIDAN, LLP / THE BOEING COMPANY
Address Line 1:	24 GREENWAY PLAZA, SUITE 1600
Address Line 4:	HOUSTON, TEXAS 77046
ATTORNEY DOCKET NUMBER:	13-1121-US-CNT
NAME OF SUBMITTER:	MICHAEL S. PRZYBYL
SIGNATURE:	/Michael S. PRZYBYL/
DATE SIGNED:	04/06/2020
Total Attachments: 6 source=Assignment#page1.tif	

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ASSIGNMENT

WHEREAS, Michael E. Irrgang, residing at Black Diamond, Washington, Charles E. Kaul, residing at Prescott, Arizona, Andrew E. Hall, residing at Vancouver, Canada, Andrea de Klerk, residing at Vancouver, Canada, and Elham Boozarjomehri, residing at Vancouver, Canada, (hereinafter "Assignors") have invented certain new and useful inventions and improvements (hereinafter "Invention") described in the United States patent application entitled **AIRCRAFT FUEL OPTIMIZATION ANALYTICS** 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 _____ as Application No. _____;

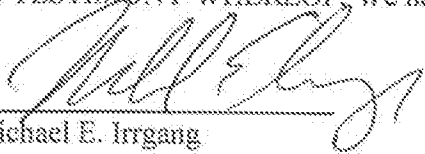
WHEREAS, The Boeing Company, a corporation organized and existing under the laws of the State of Delaware, USA, having a place of business at 100 N. Riverside, Chicago, Illinois 60606-1596, with a mailing address of M/C 1640-2101, 15460 Laguna Canyon Road, Irvine, California 92618, USA (hereinafter called "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 Assignor 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, We have signed this Assignment on the date specified below.

 3-28-14
Michael E. Irrgang Date

Charles E. Kaul Date

Andrew E. Hall Date

Andrea de Klerk Date


Elham Booazarjomehri Date

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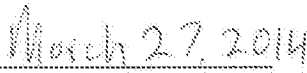
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Andrea de Klerk
Andrea de Klerk

March 27, 2014
Date

Elham Boojarjomehri

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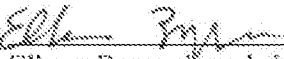
Date

Andrew E. Hall

Date

Andrea de Klerk

Date



Elham Boozarjomehri

March 27, 2014
Date