11/22/2019 505789095

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------------|----------------|
| JASON SCOTT DAMAZO | 10/03/2019 |
| EDDIE KWON | 10/03/2019 |
| THIBAULT F. GUIBERTI | 10/04/2019 |
| WILLIAM R. ROBERTS | 11/22/2019 |
| DEANNA A. LACOSTE | 11/04/2019 |

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: | 16442175 |

CORRESPONDENCE DATA

Fax Number: (972)385-7766

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.

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DUKE W. YEE **Correspondent Name:**

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P.O. BOX 190809 Address Line 2:

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ATTORNEY DOCKET NUMBER: 18-3923-US-NP DUKE W. YEE NAME OF SUBMITTER: **SIGNATURE:** /Duke W. Yee/ **DATE SIGNED:** 11/22/2019

Total Attachments: 7

PATENT REEL: 051093 FRAME: 0189

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PATENT REEL: 051093 FRAME: 0190

ASSIGNMENT

WHEREAS, JASON SCOTT DAMAZO, residing at SEATTLE, WASHINGTON, USA, and EDDIE KWON, residing at SEATTLE, WASHINGTON, USA (hereinafter "Assignors"), together with THIBAULT F. GUIBERTI, residing at THUWAL, MAKKAH, KINGDOM OF SAUDI ARABIA, DEANNA A. LACOSTE, residing at THUWAL, MAKKAH, KINGDOM OF SAUDI ARABIA, and WILLIAM L. ROBERTS, residing at THUWAL, MAKKAH, KINGDOM OF SAUDI ARABIA, (hereinafter "Co-Inventors") have invented certain new and useful improvements in FLAME ARRESTOR (hereinafter "invention") for which Assignors and Co-Inventors are making or have made application for LETTERS PATENT OF THE UNITED STATES, which application has been duly executed by Assignors and Co-Inventors concurrently herewith, or filed on June 14, 2019 as Application No. 16/442,175;

WHEREAS, The Boeing Company, a corporation organized and existing under the laws of the State of Delaware, US, having a place of business at 100 North Riverside Plaza, Chicago, Illinois 60606-2016, with a mailing address of 100 North Riverside Plaza, Chicago, Illinois 60606-2016, 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 any United States or foreign LETTERS PATENT that may be granted therefor.

NOW, THEREFORE, for good and valuable considerations, the receipt which is hereby acknowledged, Assignors have assigned, sold and transferred, and do assign, sell and transfer to the Assignee 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, and all divisions, reissues, continuations and extensions thereof that may be granted therefor, 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 Patents and Trademarks, US and its foreign counterparts, to issue the LETTERS PATENT 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 warrants 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 filing 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.

2011-10-03 EU/2 CB 3, 201 ASSÓN SCOTT DAMAZO (date) EDDIE KWON (date)

ASSIGNMENT

UTILITY PATENT APPLICATION

WHEREAS, we, THIBAULT F. GUIBERTI, currently residing in Thuwal, Kingdom of Saudi Arabia, WILLIAM L. ROBERTS, currently residing in Thuwal, Kingdom of Saudi Arabia, and DEANNA A. LACOSTE, currently residing in Thuwal, Kingdom of Saudi Arabia hereinafter referred to as ASSIGNORS, by virtue of their employment, have invented certain new and useful improvements ("invention(s)") as described and set forth in the below-identified United States Utility Patent Applications entitled:

FLAME ARRESTOR

which was filed on June 14, 2019 and assigned Serial No. 16/442,175; and

WHEREAS, KING ABDULLAH UNIVERSITY OF SCIENCE AND

TECHNOLOGY, having a business at 4700 King Abdullah University of Science and Technology, Thuwal, Kingdom of Saudi Arabia 23955-6900, hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNORS' interest in said invention and application and in any and all U.S. and foreign patent applications claiming priority to and/or the benefit of said application and any and all patents which may be granted on the same, by virtue of their employment with said ASSIGNEE.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by ASSIGNORS, ASSIGNORS sell, assign and transfer unto ASSIGNEE, and ASSIGNEE'S successors and assigns, (a) the entire right, title and interest, for the United States of America, in and to said invention(s), and said Application and all the rights and privileges in any application and under any and all patents that may be granted in the U.S. for said invention(s), including all corresponding continuation continuation-in-part, divisional, reissue, and reexamination applications; and (b) the entire right, title and interest in and to said invention(s), and said application for all countries foreign to the U.S., including all rights of priority arising from them, and all the rights and privileges under any and all forms of protection, including patents, that may be granted in said countries foreign to the U.S. for them.

ASSIGNORS authorize ASSIGNEE to make application for such protection in its own name and maintain such protection in any and all countries foreign to the U.S and to invoke and claim for any application for patent or other form of protection for said Invention(s), without further authorization from ASSIGNORS, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

ASSIGNORS hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of ASSIGNEE to apply for patent or other form of protection for said Invention(s), said application and to claim the aforesaid benefit of the right of priority.

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ASSIGNORS request that any and all patents for said invention(s) be issued to ASSIGNEE in the U.S., and to ASSIGNEE in all countries foreign to the U.S., or to such nominee as ASSIGNEE may designate.

ASSIGNORS covenant and agree that, when requested, ASSIGNORS shall, without charge to ASSIGNEE but at ASSIGNEE'S expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient in connection with the patent applications, patents, or other forms of protection of said invention(s), and for the defense and protection thereof if challenged in the court of law.

ASSIGNORS authorize ASSIGNEE or its agents to insert, on ASSIGNORS' behalf, the filing date and/or serial number above pertaining to the application, if not known as of the date of execution of this document.

THIBAULT F. GUIBERTI

Date: <u>10-04-19</u>

Witness

Date: 4-007-19

Witness

Date: 4-10-2019

WILLIAM L. ROBERTS

Date: 22 VW 2019

Witness

Date: Nov 22, 2019

Witness

Date: Nov. 22, 2019

DEANINA A LACOSTE

Date: 0074, 2019

Witness

Date: 4-07-19

Witness

Date: 4 - 10 - 2019

ASSIGNEE:

We, KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY, having a business at 4700 King Abdullah University of Science and Technology, Thuwal, Kingdom of Saudi Arabia 23955-6900, hereby declare that we accept the rights given in the attached Assignment:

KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY

Title: Director, Technology Transfer Office

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