11/14/2019 505774651

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	07/20/2015
EDDIE KWON	07/20/2015
ARTHUR C. DAY	07/20/2015
JOHN RUBRECHT LOWELL	07/20/2015

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:	16684354

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: 503-224-7529

Email: boeing@dascenzoiplaw.com

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

Address Line 1: 1000 SW BROADWAY, SUITE 1555

Address Line 4: PORTLAND, OREGON 97205

ATTORNEY DOCKET NUMBER:	15-0757-US-DIV (BNG 3D1A)
NAME OF SUBMITTER:	IAN D. GATES
SIGNATURE:	/lan D. Gates/
DATE SIGNED:	11/14/2019

Total Attachments: 2

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> **PATENT** REEL: 051013 FRAME: 0931

505774651

ASSIGNMENT

WHEREAS, Jason Scott Damazo, residing at Seattle, Washington, Eddie Kwon, residing at Seattle, Washington,
Arthur C. Day, residing at Seattle, Washington, and John Rubrecht Lowell, residing at Fairfax, Virginia (hereinafter
"Assignors") have invented certain new and useful inventions and improvements (hereinafter "Invention") described
in the United States patent application entitled IGNITION-QUENCHING SYSTEMS, APPARATUSES, AND
METHODS 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 Plaza, Chicago, Illinois 60606-2016, 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, 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.

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

7-20-2015

REDDIE KWON

Date

FINANCIA DATE

T-20-2017

ARTHUR C. DAY

Date

TOWN RUBRECHT LOWELL

Date

		ASSIGNMENT
Arthur C. Day, residing at Sea "Assignors") have invented ce in the United States patent a METHODS for which Assign STATES, which application	ttle, Washington, a rtain new and usefi application entitled ors are making or l	eattle, Washington, Eddie Kwon, residing at Seattle, Washington, nd John Rubrecht Lowell, residing at Fairfax, Virginia (hereinafter il inventions and improvements (hereinafter "Invention") described IGNITION-QUENCHING SYSTEMS, APPARATUSES, AND have made application for LETTERS PATENT OF THE UNITED executed by Assignors concurrently herewith; or filed on
USA, having a place of busin of 5301 Bolsa Avenue, Huntin acquiring the entire right, titl	ess at 100 N. Rive gton Beach, Califo e and interest in a	on organized and existing under the laws of the State of Delaware, erside Plaza, Chicago, Illinois 60606-2016, with a mailing address rnia 92647, USA (hereinafter called "the Assignee"), is desirous of and to the Invention within the United States of America and its and in and to any United States or foreign LETTERS PATENT that
Assignors have assigned, sold assigns, the entire right, title territorial possessions and all foreign countries, including ut any and all portions thereof, at the Invention in all foreign applications and extensions of all applications claiming the the right to apply for LETTE hereafter be granted to Assi protection of industrial prope PATENT to the various territo of America. Assignee will ho assigns to the full end of the same would have been held a request and authorize the Con	and transferred, a and interest in an foreign countries, ility models, invented in and to the pate countries and all priority of said appriority of said appropriate priority of said approved by Aserty, together with orial possessions not all rights for its term for which the and enjoyed by Aserty such as the respective saud interest of the Ussue the respective	e consideration, the receipt of which is hereby acknowledged, and do assign, sell and transfer to the Assignee, its successors and and to the Invention within the United States of America and its and in and to any LETTERS PATENT of the United States and cor's certificates and like government grants that may be granted for ent application identified above and applications for patent filed for provisional, divisional, reissue, continuation, continuation—in-part tions for patent or LETTERS PATENT identified herein, including plications for patent or LETTERS PATENT identified herein, and preign countries with full benefit of such priorities as may now or two or by treaty, including any international convention, for the the right to extend the protection of the United States LETTERS ow owned or which may be hereafter acquired by the United States own use and benefit and for the use and benefit of its successors or LETTERS PATENT may be granted, as fully and entirely as the signors if this assignment and sale had not been made. Assignors J.S. Patent and Trademark Office, and foreign counterpart officials to LETTERS PATENT in the United States and foreign countries to.
Invention, which title Assign demanding any further consid- including the execution and sustaining, extending, reissuin	ors warrant to the eration therefor, at acknowledgment ag or reexamining and perfecting	Assignee that Assignors have a full and unencumbered title to the Assignee. Assignors further agree that Assignors will, without the request and expense of the Assignee, do all lawful and just acts, of instruments, that may be or become necessary for obtaining, United States and foreign LETTERS PATENT or the like for the the Assignee's right to the Invention and LETTERS PATENT osition and litigation.
IN TESTIMONY WHEREOF	, I/We have signed	this Assignment on the date specified below.
JASON SCOTT DAMAZO	Date	EDDIE KWON Date
ARTHUR C. DAY	Date	JOHN RUBRECHT LOWELL Date

Page 1 of 1 – ASSIGNMENT