504253806 03/02/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARC R. MATSEN	05/12/2011
MARK A. NEGLEY	05/16/2011
WILLIAM PRESTON GEREN	05/12/2011
ROBERT JAMES MILLER	05/16/2011

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15411589

CORRESPONDENCE DATA

Fax Number: (312)580-9696

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.

using a lax number, if provided, if that is unsuccessful, it will be sent via os

Phone: 312-580-1020

Email: pkosciak@hfzlaw.com

Correspondent Name: HANLEY, FLIGHT & ZIMMERMAN, LLC

Address Line 1: 150 S. WACKER DRIVE

Address Line 2: SUITE 2200

Address Line 4: CHICAGO, ILLINOIS 60606

ATTORNEY DOCKET NUMBER:	10-0665-US-DIV
NAME OF SUBMITTER:	SERGIO D. FILICE
SIGNATURE:	/Sergio D. Filice/
DATE SIGNED:	03/02/2017

Total Attachments: 4

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PATENT REEL: 041445 FRAME: 0919

Matter No. 10-0665-US-DIV

Please direct all correspondence to: 101302

ASSIGNMENT

WHEREAS, Marc R. Matsen, residing at 7701 20th Ave NE, Seattle, WA 98115, Mark A. Negley, residing at 227 Bellevue Way NE #586, Bellevue, WA 98004, William Preston Geren, residing at 410 NE 190th Pl., Shoreline, WA 98155, Robert James Miller, residing at 4510 281st Place SE, Fall City, WA, 98024, have invented certain new and useful Inventions and improvements (hereinafter "Invention") described in the United States patent application entitled: THERMOPLASTIC WELDING APPARATUS AND METHOD, for which Assigner is making or has made application for LETTERS PATENT OF THE UNITED STATES, which application has been duly executed by Assigner concurrently herewith; or filed on January 20, 2017 as Application No. 15/411,589

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, 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 therefore;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged. Assigner has assigned, sold and transferred, and does 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 or patents 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 to the various territorial possession now owed 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 the U.S. Patent and Trademark Office, and foreign counterparts 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 Invention, which the Assignor warrants to the Assignee.

Assignor further agrees that Assignor viril, without demanding and further consideration therefore, 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 Status 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.

	5/12/2011
Marc R Marşen	Cate
	5/16/200
Mark A Negley / 7	Date
William Preston Geren	Date
Robert James Miller	Cate

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Assignor further agrees that Assignor will, without demanding and further consideration therefore, 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:

Marc R. Matsen	Date
Mark A. Negley	Date
Reston Geren, Ph.D. William Preston Geren	May 12, 2011 Date
William Preston Geren	Date &
Robert James Miller	Date

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Assignor further agrees that Assignor will, without demanding and further consideration therefore, 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:

Marc R. Matsen	Date
Mark A. Negley	Date
William Preston Geren	Date
Robert James Willer	5//6/2011 Date