507874674 04/26/2023

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7921804

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BRUNO ZAMORANO SENDEROS	11/27/2019
ALI YOUSEFIANI	11/27/2019
MICHAEL B. NICHOLAS	11/27/2019
ROGIE I. RODRIGUEZ	11/27/2019

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:	18297271

CORRESPONDENCE DATA

Fax Number:

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: 202-683-9317

Email: fbrown@jordaniplaw.com, admin@jordaniplaw.com

Correspondent Name: JORDAN IP LAW, LLC

Address Line 1: 12501 PROSPERITY DRIVE, SUITE 401
Address Line 4: SILVER SPRING, MARYLAND 20904

ATTORNEY DOCKET NUMBER:	10002-2237-DIV1
NAME OF SUBMITTER:	JENNIFER M. HAYES
SIGNATURE:	/Jennifer M. Hayes/
DATE SIGNED:	04/26/2023

Total Attachments: 8

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PATENT REEL: 063447 FRAME: 0916

ASSIGNMENT

WHEREAS, Bruno Zamorano Senderos, residing at Huntsville, AL (hereinafter "Assignor") has invented certain new and useful inventions and improvements (hereinafter "Invention") described in the United States patent application entitled "SYSTEMS, METHODS, AND PRODUCTS FOR CREATING GAS ATOMIZED METAL MATRIX COMPOSITE-BASED FEEDSTOCK FOR COLD SPRAY" 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 7, 2023 as Application No. 18/297,271 :

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 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 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.

11/27/2019

Bruno Zamorano Senderos

Date

ASSIGNMENT

WHEREAS, Ali Yousefiani, residing at Huntington Beach, CA (hereinafter "Assignor") has invented certain new and useful inventions and improvements (hereinafter "Invention") described in the United States patent application entitled "SYSTEMS, METHODS, AND PRODUCTS FOR CREATING GAS ATOMIZED METAL MATRIX COMPOSITE-BASED FEEDSTOCK FOR COLD SPRAY" for which Assignor is making or has made application for LETTERS PATENT OF THE UNITED STATES, which application has been dul executed by Assignor concurrently herewith; or filed on April 7, 2023 as Application No. 18/297,271;

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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 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 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.

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PATENT REEL: 063447 FRAME: 0919

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

11/27/2019

` ^v Da

ASSIGNMENT

WHEREAS, Michael B. Nicholas, residing at Mesa, AZ (hereinafter "Assignor") has invented certain new and useful inventions and improvements (hereinafter "Invention") described in the United States patent application entitled "SYSTEMS, METHODS, AND PRODUCTS FOR CREATING GAS ATOMIZED METAL MATRIX COMPOSITE-BASED FEEDSTOCK FOR COLD SPRAY" 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 7, 2023 as Application No. 18/297,271

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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 filled 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 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 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.

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

1127/19

Michael B. Nicholas Dai

ASSIGNMENT

WHEREAS, Rogie I. Rodriguez, residing at Huntsville, AL (hereinafter "Assignor") has invented certain new and useful inventions and improvements (hereinafter "Invention") described in the United States patent application entitled "SYSTEMS, METHODS, AND PRODUCTS FOR CREATING GAS ATOMIZED METAL MATRIX COMPOSITE-BASED FEEDSTOCK FOR COLD SPRAY" for which Assignor is making or has made application for LETTERS PATENT OF THE UNITED STATES, which application has been dulexecuted by Assignor concurrently herewith; or filed on April 7, 2023 as Application No. 18/297,271

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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 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 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.

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Boeing Docket No.: <u>19-0495-US-DJV</u>

the Invention and LETTERS PATENT particularly in cases of interference conflict, opposition and litigation.

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11/27/2019 Date

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

Rogie I. Rodriguez

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