

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6981196

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the RECEIVING PARTY NAME previously recorded on Reel 057846 Frame 0558. Assignor(s) hereby confirms the ASSIGNMENT.
CONVEYING PARTY DATA	
Name	Execution Date
KEITH D. HUMFELD	03/19/2021
GEOFFREY ALLEN BUTLER	03/18/2021
KARL M. NELSON	03/22/2021
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:	17505875
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:	5122009737
Email:	tjohnson@mooreiplaw.com
Correspondent Name:	MOORE IP LAW
Address Line 1:	13359 N HWY 183, #406-243
Address Line 4:	AUSTIN, TEXAS 78750
ATTORNEY DOCKET NUMBER:	20-2503-US-NP
NAME OF SUBMITTER:	TAMI JOHNSON
SIGNATURE:	/TAMI JOHNSON/
DATE SIGNED:	10/21/2021
Total Attachments: 8	
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source=2021-10-20 Patent Assignment Cover Sheet 20-2503-US-NP#page2.tif

ASSIGNMENT

WHEREAS, **Keith D. Humfeld**, residing at Federal Way, WA; **Geoffrey Allen Butler**, residing at Seattle, WA; and **Karl M. Nelson**, residing at Issaquah, WA (hereinafter "Assignor") has invented certain new and useful inventions and improvements (hereinafter "Invention") described in the United States patent application entitled **MACHINE LEARNING-BASED APPROACH FOR REAL-TIME OPTIMIZATION AND ACTIVE CONTROL OF COMPOSITES AUTOCLAVE PROCESSING** 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;

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 60606-1596, with a mailing address of 100 N. 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;

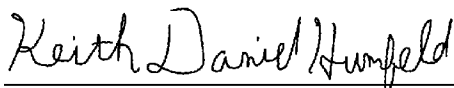
NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, Assignor has assigned, sold and transferred, and does assign, sell and transfer to the Assignee, its successors and assigns, its entire right, title and interest in and to the Invention within the United 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 final paragraph of this assignment.

IN TESTIMONY WHEREOF, I/we have signed this Assignment on the date(s) specified below.



Keith D. Humfeld

03/19/2021

Date

Geoffrey Allen Butler

Date

Karl M. Nelson

Date

ASSIGNMENT

WHEREAS, **Keith D. Humfeld**, residing at Federal Way, WA; **Geoffrey Allen Butler**, residing at Seattle, WA; and **Karl M. Nelson**, residing at Issaquah, WA (hereinafter "Assignor") has invented certain new and useful inventions and improvements (hereinafter "Invention") described in the United States patent application entitled **MACHINE LEARNING-BASED APPROACH FOR REAL-TIME OPTIMIZATION AND ACTIVE CONTROL OF COMPOSITES AUTOCLAVE PROCESSING** 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;

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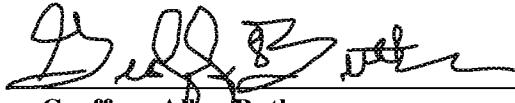
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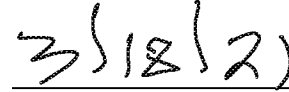
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Date



Geoffrey Allen Butler



Date

Karl M. Nelson

Date

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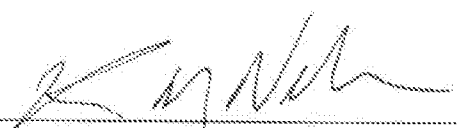
IN TESTIMONY WHEREOF, I/we have signed this Assignment on the date(s) specified below.

Keith D. Humfeld

Date

Geoffrey Allen Butler

Date



Karl M. Nelson



Date

ASSIGNMENT



United States Patent and Trademark Office

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Your assignment has been received by the USPTO.
The coversheet of the assignment is displayed below:

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1

Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>KEITH D. HUMFELD</td><td>03/19/2021</td></tr><tr><td>GEOFFREY ALLEN BUTLER</td><td>03/18/2021</td></tr><tr><td>KARL M. NELSON</td><td>03/22/2021</td></tr></tbody></table>	Name	Execution Date	KEITH D. HUMFELD	03/19/2021	GEOFFREY ALLEN BUTLER	03/18/2021	KARL M. NELSON	03/22/2021					
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KEITH D. HUMFELD	03/19/2021												
GEOFFREY ALLEN BUTLER	03/18/2021												
KARL M. NELSON	03/22/2021												
RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>SPARKCOGNITION, INC.</td></tr><tr><td>Street Address:</td><td>4030 WEST BRAKER LANE</td></tr><tr><td>Internal Address:</td><td>BUILDING 5, SUITE 500</td></tr><tr><td>City:</td><td>AUSTIN</td></tr><tr><td>State/Country:</td><td>TEXAS</td></tr><tr><td>Postal Code:</td><td>78759</td></tr></table>	Name:	SPARKCOGNITION, INC.	Street Address:	4030 WEST BRAKER LANE	Internal Address:	BUILDING 5, SUITE 500	City:	AUSTIN	State/Country:	TEXAS	Postal Code:	78759	
Name:	SPARKCOGNITION, INC.												
Street Address:	4030 WEST BRAKER LANE												
Internal Address:	BUILDING 5, SUITE 500												
City:	AUSTIN												
State/Country:	TEXAS												
Postal Code:	78759												
PROPERTY NUMBERS Total: 1													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>17505875</td></tr></tbody></table>	Property Type	Number	Application Number:	17505875									
Property Type	Number												
Application Number:	17505875												
CORRESPONDENCE DATA													

Fax Number:	
Phone:	512-200-9737
Email:	tjohnson@MOOREIPLAW.COM
<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>	
Correspondent Name:	BOEING C/O MOORE INTELLECTUAL PROPERTY L
Address Line 1:	13359 N. HWY. 183, #406-243
Address Line 4:	AUSTIN, TEXAS 78750

ATTORNEY DOCKET NUMBER:	20-2503-US-NP
NAME OF SUBMITTER:	TAMI JOHNSON
Signature:	/TAMI JOHNSON/
Date:	10/20/2021

Total Attachments: 6
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RECEIPT INFORMATION	
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Receipt Date:	10/20/2021

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