PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT8106821

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HARINDER SINGH OBEROI	08/17/2022
KEVIN MARION BARRICK	08/23/2022
YUANXIN CHARLES HU	08/18/2022
MELISSA A. JOHNSON	08/16/2022
LAURA CAROLYN FOSTER	08/15/2022

RECEIVING PARTY DATA

Name:	THE BOEING COMPANY
Street Address:	929 LONG BRIDGE DRIVE
City:	ARLINGTON
State/Country:	VIRGINIA
Postal Code:	22202

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	18447485

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.

Phone: (972) 385-8777

Email: ptonotifs@yeeiplaw.com

Correspondent Name: DUKE W. YEE

Address Line 1: YEE & ASSOCIATES, P.C.

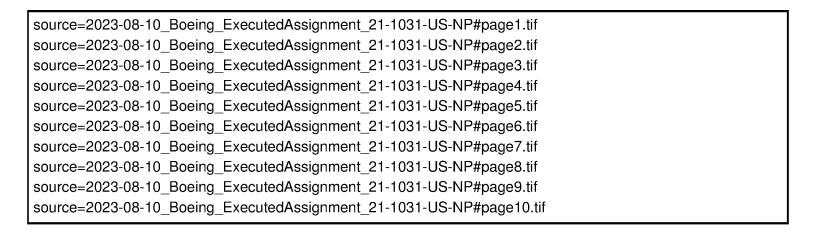
Address Line 2: P.O. BOX 6669

Address Line 4: MCKINNEY, TEXAS 75071

ATTORNEY DOCKET NUMBER:	21-1031-US-NP
NAME OF SUBMITTER:	KELLY M. SULLIVAN
SIGNATURE:	/Kelly M. Sullivan/
DATE SIGNED:	08/10/2023
	•

Total Attachments: 10

PATENT REEL: 064550 FRAME: 0547



PATENT REEL: 064550 FRAME: 0548

WHEREAS, HARINDER SINGH OBEROI, residing at SNOHOMISH, WA; KEVIN MARION BARRICK, residing at KINGSTON, WA; CHARLES YUANXIN HU, residing at NEWCASTLE, WA; MELISSA A. JOHNSON, residing at PUYALLUP, WA; and LAURA CAROLYN FOSTER, residing at BRIER, WA (hereinafter "Assignor") have invented certain new and useful inventions and improvements (hereinafter "Invention") described in the United States patent application entitled END EFFECTOR AND METHODS OF USE 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 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 IESTIMONT WHEREUF, I have signe	a this Assignment on the date specified belo
(b) Sexual Contraction	8 17/22
HARINDER SINGH OBEROI	Date
KEVIN MARION BARRICK	Date
CHARLES YUANXIN HU	Date
MELISSA A. JOHNSON	Date
LAURA CAROLYN FOSTER	Date

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

HARINDER SINGH OBEROI	Date
Kein Marion Barriel	08/23/2022
KEVIN MARION BARRICK	Date
CHARLES YUANXIN HU	Date
MELISSA A. JOHNSON	Date
LAURA CAROLYN FOSTER	Date

ASSIGNMENT CHARLES 4CH8/24/22

WHEREAS, HARINDER SINGH OBEROL, TO JOING JENOHOMISH, WA, KEVIN MARION BARRICK, TO JOING JE KINGSTON, WA, CHARLES YUANKIN TU, TO JOING JE NEWCASTLE, WA, MEUSSA A, JOHNSON, TO JOING JE PUVALLUP, WA, and LAURA CAROLYN FOSTER, TO JOING JE BRIER, WA (here states. As agreed of house invented the states new and control inventions and improvements (hereastless: Inventions), described in the United States, patient application entitled END EFFECTOR AND METHODS OF USE for 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 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 ignority 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. Assigner 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 enloyed by Assignor. if this assignment and cale had not been made. Assignor requests and authorizes the Commissioner of the U.S. Patent and Trademark Office, and foreign counterpart officials of torage parent offices to roug respective CETERS PATERS in the United States and foreign countries when granted, in accordance with this assignment.

Assignor further coverants 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 Assigner. Assignor further agrees that Assignor will, without demanding any further

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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, ressuing 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.

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

HARINDER SING	H OBEROI			Date
KEVIN MARION I L/LL21 ENFILES YUARD U. C. Y. L. Y.	BARRICK	Q) / 944	/fu_ eves i	Date \$//8//39 LDate
MELISSA A. JOH!		***		Oate

WHEREAS, HARINDER SINGH OBEROI, residing at SNOHOMISH, WA; KEVIN MARION BARRICK, residing at KINGSTON, WA; CHARLES YUANXIN HU, residing at NEWCASTLE, WA; MELISSA A. JOHNSON, residing at PUYALLUP, WA; and LAURA CAROLYN FOSTER, residing at BRIER, WA (hereinafter "Assignor") have invented certain new and useful inventions and improvements (hereinafter "Invention") described in the United States patent application entitled END EFFECTOR AND METHODS OF USE 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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HARINDER SINGH OBER	Oi Date
KEVIN MARION BARRIC	Date Date
CHARLES YUANXIN HU	Date
MELISSA A JOHNSON	9/16/2022 Date
LAURA CAROLYN FOSTE	

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WHEREAS, HARINDER SINGH OBEROL residing at SNOHOMISH, WA, KEVIN MARION BARRICK conding at KINGSTON, WA, CHARLES YUANXIN HU, residing at NEWCASTLE, WA, MEUSSA A JOHNSON, residing at PUYALLUP, WA, and LAURA CAROLYN FOSTER, residing at BRIER, WA thereinsteer "Assignor I have invented certain new and useful inventions and improvement thereinsteer "Invention") described in the United States patient application entitled END EFFECTOR AND METHODS OF USE for which Assignor is making or his made application by ESTERS PATENT OF THE UNITED STATES, which application has been duly executed by Assignor Concurrently herewith.

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PATENT REEL: 064550 FRAME: 0557 consideration therefor, at the request and expense of the Assignes, do all lawful and just sets including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, extending, reissuing or reexamining United States and foreign CETTERS PATENT or the like for the invention, and for maintaining and perfecting the Assigned's right to the invention and CETTERS PATENT particularly in causes of interference conflict, opposition and linguistics.

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HARINDER SINGH OBEROI	Date
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