PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT6953776

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DANIEL YAP	09/16/2021
SHUOQIN WANG	09/17/2021
IVAN ALVARADO	09/27/2021
BIQIN HUANG	09/20/2021
THADDEUS LADD	09/28/2021

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:	17450031

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.

P.O. BOX 6669 Address Line 2:

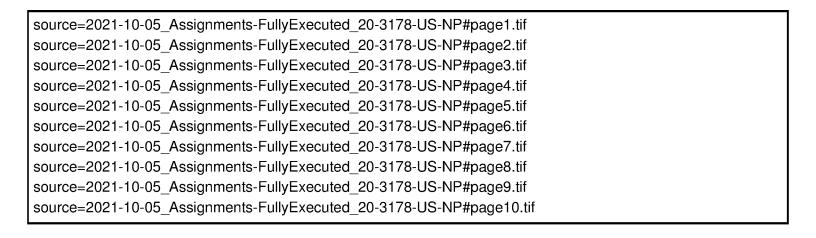
Address Line 4: MCKINNEY, TEXAS 75071

ATTORNEY DOCKET NUMBER:	20-3178-US-NP
NAME OF SUBMITTER:	DUKE W. YEE
SIGNATURE:	/Duke W. Yee/
DATE SIGNED:	10/05/2021
	<u> </u>

Total Attachments: 10

PATENT REEL: 057707 FRAME: 0231

506906952



PATENT REEL: 057707 FRAME: 0232

WHEREAS, DANIEL YAP, residing at NEWBURY PARK, CA; SHUOQIN WANG, residing at OAK PARK, CA; IVAN ALVARADO, residing at SANTA MONICA, CA; BIQIN HUANG, residing at RANCHO PALOS VERDES, CA; and THADDEUS LADD, residing at WOODLAND HILLS, CA (hereinafter "Assignor") have invented certain new and useful inventions and improvements (hereinafter "Invention") described in the United States patent application entitled OPTICAL WAVEGUIDE STRUCTURE WITH TRIPLE PARTIALLY OVERLAPPING LOOPS 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

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.

Daniel Yap	Sop 16 2021
DANIEL YAP	<u>Sop. 16, 202-</u> 1 Date
SHUOQIN WANG	Date
IVAN ALVARADO	Date
BIQIN HUANG	Date
THADDEUS LADD	Date

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DANIEL YAP	Date
Samuel Control of the	54)-24
SHÚOÓIN WANG	Date
IVAN ALVARADO	Date
BIQIN HUANG	Date
THADDEUS LADD	Date

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7/2 VAN ALVARADO DE	DANIEL YAP	Date
VAN ÅLVARADO Da	SHUOQIN WANG	Date
IIQIN HUANG Da	VAN ÄLVARADO	9/27 Date
	BIQIN HUANG	Date
	THADDEUS LADD	Date

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DANIEL YAP	Date
SHUOQIN WANG	Date
IVAN ALVARADO	Date
Jay Huang	9/20/20 Date
THADDEUS LADD	 Date

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

DANIEL YAP	Date
SHUOQIN WANG	Date
IVAN ALVARADO	Date
BIQIN HUANG	Date
Jul W	9/28/2021
THADDEUS LADD	Date