# 505565546 07/10/2019

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5612343

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
BINIL ITTY IPE KANDAPALLIL	03/13/2017
CARISSA ANN PAJEL	03/14/2017
DION PAUL COLEMAN	03/14/2017
DARRIN MICHAEL HANSEN	03/14/2017
JUDITH A. WERNER	03/15/2017

#### **RECEIVING PARTY DATA**

Name:	THE BOEING COMPANY
Street Address:	100 NORTH RIVERSIDE PLAZA
City:	CHICAGO
State/Country:	ILLINOIS
Postal Code:	60606

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16508015

## **CORRESPONDENCE DATA**

**Fax Number:** (703)997-4905

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:** 703-917-0000

Email: doreen@mh2law.com, docketing@mh2law.com

Correspondent Name: MH2 TECHNOLOGY LAW GROUP LLP (BOEING) T

Address Line 1: 1951 KIDWELL DRIVE

Address Line 2: SUITE 310

Address Line 4: TYSONS CORNER, VIRGINIA 22182

ATTORNEY DOCKET NUMBER:	0192.0259D/16-2068-US-DIV
NAME OF SUBMITTER:	DOREEN SASAKI
SIGNATURE:	/DOREEN SASAKI/
DATE SIGNED:	07/10/2019
	•

**Total Attachments: 4** 

PATENT REEL: 049720 FRAME: 0752

505565546



PATENT REEL: 049720 FRAME: 0753

## ASSIGNMENT

If the lines above are blank, the above described patent application was filed on even date with the recordal of this assignment, otherwise, to comply with 37. C.F.R. § 3.21 for recordal of this assignment, we hereby authorize the attorneys for the Assignee to insert the filing date and application number below after they become known and prior to filing the recordation of this assignment.

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, with a mailing address of 5301 Bolsa Avenue, MC H011-B171, Huntington Beach, CA 92647, 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, Assignors have 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 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 Assignors 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 Assignors if this assignment and sale had not been made. Assignors request and authorize 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.

Assignors further covenant and agree with the Assignee that Assignors have a full and unencumbered title to the Invention, which title Assignors warrant to the Assignee. Assignors further agree that Assignors 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

Page 1 of 2

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, We have signed this Assignment on the date specified below.

64	03/13/2017	
Binil Itty Ipe Kandapallil	Date	
Carissa Ann Pajel	Date: *	
Dion Paul Coleman	Date	
Darrin Michael Hansen	Date	
Judith A. Werner	Date	

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, We have signed this Assignment on the date specified below.

Binil Itty Ipe Kandapallil	Date
	03/14/17 Date
Dion Paul Coleman	3/14/17 Date
Darrin Michael Hansen	03/14/17 Date
Judith A. Werner	Date

REEL: 049720 FRAME: 0756

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, We have signed this Assignment on the date specified below.

Binil Itty Ipe Kandapallil	* 200	Date	
Carissa Ann Pajel		Date	
Dion Paul Coleman		Date	
Darrin Michael Hansen		Date	
	4	3/15/2017 Date	