503076709 11/25/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARK STEWART WILENSKI	11/18/2014
KELSI MARIE HURLEY	11/18/2014

RECEIVING PARTY DATA

Name:	The Boeing Company
Street Address:	100 North Riverside Plaza
City:	Chicago
State/Country:	ILLINOIS
Postal Code:	60606-2016

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14553568	

CORRESPONDENCE DATA

Fax Number: (949)454-0898

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: 949-454-0898

Email:patents.gortler@att.netCorrespondent Name:THE BOEING COMPANYAddress Line 1:5301 BOLSA AVENUE

Address Line 2: MC H011-B171

Address Line 4: HUNTINGTON BEACH, CALIFORNIA 92647

ATTORNEY DOCKET NUMBER:	14-1659-US-NP
NAME OF SUBMITTER:	HUGH P. GORTLER
SIGNATURE:	/Hugh Gortler #33890/
DATE SIGNED:	11/25/2014

Total Attachments: 2

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PATENT 503076709 REEL: 034264 FRAME: 0678

ASSIGNMENT

	ASSIGNMENT	Docket No.: 14-1659-US-NP
WHEREAS, Mark Stewart Wilenski, has invented certain new and useful invented States patent application entitled FABRICATION OF COM		ention") described in the United
for which Assignor is making or has made application has been duly executed by Assi as Application No.	application for LETTERS PATENT OF	THE UNITED STATES, which
WHEREAS, The Boeing Company, a cor USA, having a place of business at 100 N. Bolsa Avenue, Huntington Beach. Califo acquiring the entire right, title and intere territorial possessions and all foreign coun may be granted therefor;	Riverside, Chicago, Illinois 60606-1596, ornia, 92647, USA (hereinafter called "st in and to the Invention within the Ur	with a mailing address of 5301 (the Assignee"), is desirous of nited States of America and its
NOW, THEREFORE, for good and valua has assigned, sold and transferred, and doe entire right, title and interest in and to possessions and all foreign countries, and countries, including utility models, invention and all portions thereof, and in and to the play Invention in all foreign countries and applications and extensions of any of the all applications claiming the priority of some the right to apply for LETTERS PATENT hereafter be granted to Assignor by local late of industrial property, together with the right various territorial possessions now own Assignee will hold all rights for its own usefull end of the term for which the LETTER been held and enjoyed by Assignor if this at the Commissioner of the U.S. Patent and offices, to issue respective LETTERS Paccordance with this assignment.	es assign, sell and transfer to the Assigned the Invention within the United States of in and to any LETTERS PATENT of or's certificates and like government grant patent application identified above and applications for patent or LETTERS PATE aid applications for patent or LETTERS Fate aid applications for patent or LETTERS of in foreign countries with full benefit of aws or by treaty, including any internation ght to extend the protection of the United and benefit and for the use and benefit of the SPATENT may be granted, as fully and assignment and sale had not been made. At Trademark Office, and foreign counter	e, its successors and assigns, its of America and its territorial the United States and foreign into that may be granted for any polications for patent filed for the initiation, continuation—in-part ENT identified herein, including PATENT identified herein, and f such priorities as may now or al convention, for the protection it States LETTERS PATENT to y the United States of America. It is successors or assigns to the entirely as the same would have assignor requests and authorizes part officials of foreign patent
Assignor further covenants and agrees wi Assignor's interest in the Invention, which Assignor will, without demanding any furt all lawful and just acts, including the ex- necessary for obtaining, sustaining, exter PATENT or the like for the Invention, and LETTERS PATENT particularly in cases of	h title Assignor warrants to the Assigned ther consideration therefor, at the request a xecution and acknowledgment of instru- inding, reissuing or reexamining United I for maintaining and perfecting the Assig	e. Assignor further agrees that and expense of the Assignee, do nents, that may be or become States and foreign LETTERS mee's right to the Invention and
Assignor authorizes and directs any of the the ASSIGNEE to insert the application n this assignment.		
IN TESTIMONY WHEREOF, I have signed to the signed of the s	ed this Assignment on the date specified b	elow.

PATENT REEL: 034264 FRAME: 0679

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, Huntington Beach, California, 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, 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, Assignce 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 have signed this Assignment on the date specified below.

Kelsi Marie trutey 2 Daie

PATENT REEL: 034264 FRAME: 0680

Docket No.: 14-1659-US-NP

RECORDED: 11/25/2014