PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVE	YANCE:	ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY	' DATA				
		Name	Execution Date		
Thomas R. Hasenoe	hrl		07/10/2013		
John T. Paterson		07/10/2013			
Marvin Whitney			07/10/2013		
Kevin S. Callahan			07/09/2013		
Shahriar Khosravani			07/15/2013		
RECEIVING PARTY	DATA				
Name:	The Boeing Company				
Street Address:	100 N. Riverside Plaza				
City:	Chicago				
State/Country:	ILLINOIS				
Postal Code:	60606-2016				
PROPERTY NUMBE	1	Num	nber		
Application Number:		13947096			
Phone:	7606028 <i>be sent via US 1</i> 760-602-	<i>Mail when the fax attempt is unsucces</i> 8362 npbell@ameh-ip.com	ssful.		
Email: Correspondent Name	e: Ameh IP				
Correspondent Name Address Line 1:		: 131654			
	e: Ameh IP P.O. Box La Costa	: 131654			
Correspondent Name Address Line 1: Address Line 2:	e: Ameh IP P.O. Box La Costa La Costa	131654 Office			
Correspondent Name Address Line 1: Address Line 2: Address Line 4:	e: Ameh IP P.O. Box La Costa La Costa T NUMBER:	: 131654 Office , CALIFORNIA 92013-1654			

502427453

REEL: 030844 FRAME: 0135

Signature:	/Lowell Campbell/
Date:	07/21/2013
Total Attachments: 5 source=12-1782_2-136_Assignment_Callahan#page1.tif source=12-1782_2-136_Assignment_Hasenoehrl#page1.tif source=12-1782_2-136_Assignment_Paterson#page1.tif source=12-1782_2-136_Assignment_Shahriar#page1.tif source=12-1782_2-136_Assignment_Shahriar#page1.tif source=12-1782_2-136_Assignment_Shahriar#page1.tif	

WHEREAS, Thomas R. Hasenoehrl residing at Stanwood, Washington; John T. Paterson residing at Mukilteo, Washington; Marvin Whitney residing at Arlington, Washington; Kevin S. Callahan residing at Shoreline, Washington; and Shahriar Khosravani residing at Everett, Washington; (hereinafter "Assignor") has invented certain new and useful improvements in FAULT-TOLERANT SELF-INDICATING SURGE PROTECTION SYSTEM FOR AIRCRAFT (hereinafter "invention") for which Assignor is making or has made application for LETTERS PATENT OF THE UNITED STATES, which application has been duly executed by Assignor on date(s) listed below.

WHEREAS, The Boeing Company, a corporation organized and existing under the laws of the State of Delaware, US, having a place of business at 100 N. Riverside Plaza, Chicago, Illinois 60606-2016, with a mailing address of P.O. Box 2515, M/C 110-SD54, Seal Beach, California 90740, 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 any United States or foreign LETTERS PATENT that may be granted therefor.

NOW, THEREFORE, for good and valuable considerations, the receipt which is hereby acknowledged, Assignor has 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, and all divisions, reissues, continuations, continuation-in-part applications and extensions thereof that may be granted therefor, 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 Patents and Trademarks, US and its foreign counterparts, to issue the LETTERS PATENT 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 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.

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

		%. Galler-	Digitally signed by kevin.s.callahan@boeing.com .DN:cn=kevin.s.callahan@boeing.com Date: 2013.07.09 11:10:01 -07'00'
Thomas R. Hasenoehrl	(date)	Kevin S. Callahan	(date)
John T. Paterson	(date)	Shahriar Khosravani	(date)
Marvin Whitney	(date)		

Docket No.: 2-136(12-1782)

WHEREAS, Thomas R. Hasenoehrl residing at Stanwood, Washington; John T. Paterson residing at Mukilteo, Washington; Marvin Whitney residing at Arlington, Washington; Kevin S. Callahan residing at Shoreline, Washington; and Shahriar Khosravani residing at Everett, Washington; (hereinafter "Assignor") has invented certain new and useful improvements in FAULT-TOLERANT SELF-INDICATING SURGE PROTECTION SYSTEM FOR AIRCRAFT (hereinafter "invention") for which Assignor is making or has made application for LETTERS PATENT OF THE UNITED STATES, which application has been duly executed by Assignor on date(s) listed below.

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Thomas Income	<u> </u>
/ Thomas B. Hasenoehri	(date)/
/*************************************	

Kevin S. Callahan

(date)

John T. Paterson

(date)

Shahriar Khosravani

(date)

Marvin Whitney

(date)

Page 1 of 1

PATENT REEL: 030844 FRAME: 0138

WHEREAS, Thomas R. Hasenoehrt residing at Stanwood, Washington; John T. Paterson residing at Mukilteo, Washington; Marvin Whitney residing at Arlington, Washington; Kevin S. Callahan residing at Shoreline, Washington; and Shahriar Khosravani residing at Everett, Washington; (hereinafter "Assignor") has invented certain new and useful improvements in FAULT-TOLERANT SELF-INDICATING SURGE PROTECTION SYSTEM FOR AIRCRAFT (hereinafter "invention") for which Assignor is making or has made application for LETTERS PATENT OF THE UNITED STATES, which application has been duly executed by Assignor on date(s) listed below.

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Thomas R. Hasenoehri

(date)

Kevin S. Callahan

(date)

7 10/20/3

John T. Paterson

Shahriar Khosravani

(date)

Marvin Whitney

(date)

Page 1 of 1

Docket No.: 2-136(12-1782)

WHEREAS, Thomas R. Hasenoehrl residing at Stanwood, Washington; John T. Paterson residing at Mukilteo, Washington; Marvin Whitney residing at Arlington, Washington; Kevin S. Callahan residing at Shoreline, Washington; and Shahriar Khosravani residing at Everett, Washington; (hereinafter "Assignor") has invented certain new and useful improvements in FAULT-TOLERANT SELF-INDICATING SURGE PROTECTION SYSTEM FOR AIRCRAFT (hereinafter "invention") for which Assignor is making or has made application for LETTERS PATENT OF THE UNITED STATES, which application has been duly executed by Assignor on date(s) listed below.

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Thomas R. Hasenoehrl	(date)
John T. Paterson	(date)
•••	

Kevin S. Callahen

(date)

_74512013 (date)

Shahriar Khosravani

Marvin Whitney

(date)

Page 1 of 1

PATENT REEL: 030844 FRAME: 0140

Docket No.: 2-136(12-1782)

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Thomas R. Hasenoehri	(date)	Kevin S. Callahan	(date)
John T. Paterson	(date)	Shahriar Khosravani	(date)
<u>Marsin Witney</u> Marvin Writney	<u>)ulu 10,2019</u> (date)		×

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PATENT REEL: 030844 FRAME: 0141

RECORDED: 07/21/2013