PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3022791

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHN T. PATERSON	09/06/2014
DONALD B. LEE	09/03/2014
TERRY L. THOMAS	09/09/2014
RICHARD W. BERMAN	09/12/2014
GEORGE LIANG	09/11/2014

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14486428

CORRESPONDENCE DATA

Fax Number: (937)443-6635

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: 937-443-6600

Email: ipdocket@thompsonhine.com

Correspondent Name: THOMPSON HINE LLP INTELLECTUAL PROPERTY

Address Line 1: 10050 INNOVATION DRIVE

Address Line 2: SUITE 400

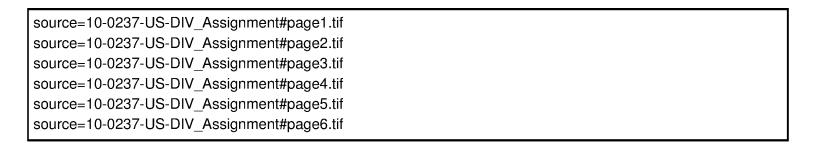
Address Line 4: DAYTON, OHIO 45342-4934

ATTORNEY DOCKET NUMBER:	10-0237-US-DIV
NAME OF SUBMITTER:	THEODORE D. LIENESCH
SIGNATURE:	/Theodore D. Lienesch/
DATE SIGNED:	09/15/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 6

PATENT

REEL: 033741 FRAME: 0260



PATENT REEL: 033741 FRAME: 0261

ASSIGNMENT AND OATH/DECLARATION

Docket No. 10-0237-US-DIV

WHEREAS, John T. Paterson, residing at Mukilteo, Washington; Donald B. Lee, residing at Shoreline,
Washington; Terry L. Thomas, residing at Covington, Washington; Richard W. Berman, residing at Sammamish
Washington; and George Liang, residing at Bothell, Washington (hereinafter "Assignor") has invented certain new
and useful inventions and improvements (hereinafter "Invention") described in the United States patent application
entitled SYSTEM AND METHOD FOR VEHICLE POWER SYSTEM ISOLATION 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; or filed onas Application
No;
and declare that:

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the above-identified application.

and hereby acknowledge that:

Any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

I have reviewed and understand the contents of the above-identified application and am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, Sec. 1.56.

AND 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. 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.

> PATENT REEL: 033741 FRAME: 0262

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.

John T. Paterson Da	Sept. 2011
John T. Paterson Da	ate
John T. Paterson JOHN T. PATE	rson
Printed/typed Name of Above Invento	ľ
Donald B. Lee	Date
Donald B. Lee	
Printed/typed Name of Above Inventor	r
Terry L. Thomas	Date
Terry L. Thomas	
Printed/typed Name of Above Inventor	r
Richard W. Berman	Date
D' L. IW. D	
Richard W. Berman Printed/typed Name of Above Inventor	
V F	
Commo Linna	Data
George Liang	Date
George Liang	
Printed/typed Name of Above Inventor	Γ

ASSIGNMENT AND OATH/DECLARATION

Docket No. 10-0237-US-DIV

WHEREAS, John T. Paterson, residing at Mukilteo, Washington; Donald B. Lee, residing at Shoreline, Washington; Terry L. Thomas, residing at Covington, Washington; Richard W. Berman, residing at Sammamish. Washington; and George Liang, residing at Bothell, Washington (hereinafter "Assignor") has invented certain new and useful inventions and improvements (hereinafter "Invention") described in the United States patent application entitled SYSTEM AND METHOD FOR VEHICLE POWER SYSTEM ISOLATION 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; or filed onas Application No
and declare that:

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the above-identified application.

and hereby acknowledge that:

Any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

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AND 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. 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.

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

		_
John T. Paterson	Date	
John T. Paterson	·	.
Printed/typed Name of Al	bove Inventor	
Donned	B. Lu 9,	/3/14
Donald B. Lee	Date	•
Donald B. Lee		_
Printed/typed Name of Al	bove Inventor	
Terry L. Thomas	Date	-
Terry L. Thomas		_
Printed/typed Name of Al	bove Inventor	
Richard W.	Berman 12	Sep 2014
Richard W. Berman	Date	•
Richard W. Berman Printed/typed Name of Al	bove Inventor	-
Dungkun	2 11 Sep 201	14
George Liang	Date	-
George Liang		_

Printed/typed Name of Above Inventor

ASSIGNMENT AND OATH/DECLARATION

Docket No. 10-0237-US-DIV

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entitled SYSTEM AND METHOD FOR VEHICLE POWER SYSTEM ISOLATION 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; or filed onas Application	
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	'

and declare that:

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I believe that I am the original inventor or an original joint inventor of a claimed invention in the aboveidentified application.

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AND 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 60506-1596, 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. 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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John T. Paterson	Date		•
John T. Paterson			
Printed/typed Name of Above I	nventor		
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Donald B. Lee	Date		
Donald B. Lee Printed/typed Name of Above I	nyantor		
Perry L. Thorfal	$\frac{1}{100}$ $\frac{9/9/20}{1000}$	114	
Terry L. Thomas Printed/typed Name of Above In	iventor		
Richard W. Berman	Date		
Richard W. Berman			
rinted/typed Name of Above Ir	iventor		
·			2.4
George Liang	Date		