

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Attorney Docket Number; and Corrective Assignment to correct Assignors' addresses. previously recorded on Reel 025469 Frame 0171. Assignor(s) hereby confirms the Assignment..
CONVEYING PARTY DATA	
Name	Execution Date
James Troy	12/22/2010
Charles A. Erignac	12/22/2010
Paul Murray	12/22/2010
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:	12898412
CORRESPONDENCE DATA	
Fax Number:	(314)612-2307
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	314-621-5070
Email:	dbenson@armstrongteasdale.com
Correspondent Name:	John S. Beulick
Address Line 1:	Armstrong Teasdale LLP
Address Line 2:	One Metropolitan Square, Suite 2600
Address Line 4:	St. Louis, MISSOURI 63102
ATTORNEY DOCKET NUMBER:	10-0284 (24691-333)
NAME OF SUBMITTER:	Kevin K. Jones

CH \$40.00 12898412

Total Attachments: 11

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Electronic Patent Assignment System

Confirmation Receipt

**Your assignment has been received by the USPTO.
The coversheet of the assignment is displayed below:**

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
James Troy	10/05/2010
Charles A Erignac	10/21/2010
Paul Murray	12/07/2010
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:	12898412
CORRESPONDENCE DATA	

Page 1 of 11

Fax Number: (314)612-2307
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: 314-621-5070
Email: dbenson@armstrongteasdale.com
Correspondent Name: John S. Beulick
Address Line 1: Armstrong Teasdale LLP
Address Line 2: 7700 Forsyth Blvd., Suite 1800
Address Line 4: St. Louis, MISSOURI 63102

ATTORNEY DOCKET NUMBER: 10-0284 (24691-333)

NAME OF SUBMITTER: Kevin K. Jones

Signature: /Kevin K. Jones/

Date: 12/08/2010

Total Attachments: 3

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RECEIPT INFORMATION

EPAS ID: PAT1398742
Receipt Date: 12/08/2010
Fee Amount: \$40

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ASSIGNMENT

Attorney Docket No.
10-0437 (24691-333)

~~WHEREAS, James J. Troy, residing at 5000 NW Village Park Drive, A-204, Issaquah, WA 98027; Charles A. Erignac, residing at, Paul Murray, residing at, (hereinafter "Assignor"), has/have invented certain new and useful inventions and improvements (hereinafter "Invention") described in the United States patent application entitled METHODS AND APPARATUS FOR THREE-DIMENSIONAL LOCALIZATION AND MAPPING 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 on October 5, 2010 as Application No. 12/898,412.~~

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 North Riverside Plaza, Chicago, Illinois 60606-2016, with a mailing address of P.O. Box 2515 MC WSB-43 Seal Beach, CA 90740-1515, 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 therefore;

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, 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 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 Invention, which title Assignor warrants to the Assignee. Assignor further agrees that Assignor will, without demanding any further consideration therefore, 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/We have signed this Assignment on the date specified below.

James J. Troy 10/5/2010
James J. Troy DATE

Charles A. Erignac DATE

Paul Murray DATE

SEE CORRECTED
ASSIGNMENT
(PAGE 11)

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ASSIGNMENT	Attorney Docket No. 10-0437 (24691-330)
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SEE CORRECTED
ASSIGNMENT
(PAGE 11)

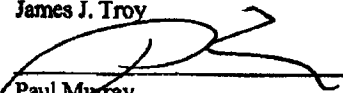
WHEREAS, James J. Troy, residing at 5000 NW Village Park Drive, A-204, Issaquah, WA 98027; Charles A. Erignac, residing at 225 4th Ave., #A202, Kirkland, WA 98033, Paul Murray, residing at 23208 NE 141 St., Plc., Woodinville, WA 98077, (hereinafter "Assignor"), has/have invented certain ~~new and useful~~ inventions and improvements (hereinafter "Invention") described in the United States patent application entitled ~~METHODS AND APPARATUS FOR THREE-DIMENSIONAL LOCALIZATION AND MAPPING~~ 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 on October 5, 2010 as ~~Application No. 12/898,412~~;

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 North Riverside Plaza, Chicago, Illinois 60606-2016, with a mailing address of P.O. Box 2515 MC WSB-43 Seal Beach, CA 90740-1515, 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 therefore;

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

James J. Troy	DATE	Charles A. Erignac	DATE
			
Paul Murray	DATE		
	12/07/2010		

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ASSIGNMENT	Attorney Docket No. 10-0284 (24691-333)
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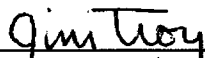
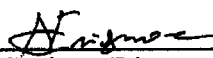
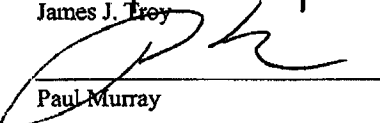
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 <hr/> James J. Troy	<u>12/22/10</u> DATE	 <hr/> Charles A. Erignac	<u>12-22-2010</u> DATE
 <hr/> Paul Murray	<u>12/22/10</u> DATE		

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PATENT