504262806 03/08/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4309486

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		

CONVEYING PARTY DATA

Name	Execution Date
ALEX C. LUMBAB	04/29/2014
BRADLEY SCOTT LEISTEN	04/29/2014

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:	15453400		

CORRESPONDENCE DATA

Fax Number: (314)612-2307

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.

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Email: USpatents@armstrongteasdale.com

Correspondent Name: PATENT DOCKET DEPARTMENT ARMSTRONG TEASD

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Address Line 2: SUITE 1800

Address Line 4: ST. LOUIS, MISSOURI 63105

ATTORNEY DOCKET NUMBER:	12-1706-US-CNT/24691-951
NAME OF SUBMITTER:	ROBERT B. REESER III
SIGNATURE:	/Robert B. Reeser III/
DATE SIGNED:	03/08/2017

Total Attachments: 7

source=2017-03-08_Power_Of_Attorney_12-1706-US-CNT-25713940#page1.tif source=2017-03-08_Power_Of_Attorney_12-1706-US-CNT-25713940#page2.tif source=2017-03-08_Power_Of_Attorney_12-1706-US-CNT-25713940#page3.tif source=2017-03-08_Power_Of_Attorney_12-1706-US-CNT-25713940#page4.tif

PATENT 504262806 REEL: 041507 FRAME: 0719

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PATENT REEL: 041507 FRAME: 0720 Doc Code: PA..

Document Description: Power of Attorney

PTO/AIA/82A (07-13) Approved for use through 11/30/2014. OMB 0651-0051

Approved for use through 11/30/2014. OMB 0651-0051 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FOR POWER OF ATTORNEY TO ONE OR MORE REGISTERED PRACTITIONERS

NOTE: This form is to be submitted with the Power of Attorney by Applicant form (PTO/AIA/82B) to identify the application to which is Power of Attorney is directed, in accordance with 37 CFR 1.5, unless the application number and filing date are identified in the Pow Attorney by Applicant form. If neither form PTO/AIA/82A nor form PTO/AIA82B identifies the application to which the Power of Attorney will not be recognized in the application.						
Application Number	r					
Filing Date						
First Named Inventor		Alex C. Lumbab				
Title		METHODS AND APPARATUS FOR NOISE ATTENUATION IN AN ENGINE NACELLE				
Art Unit						
Examiner Name						
Attorney Docket Number		12-1706-US-CNT (24691-951)				
SIGNATUR	RE of Ap	pplicant or Patent Practitioner				
Signature /	$Rob\epsilon$	ert B. Reeser, III/	Date (Optional)	2017-03-08		
Name	Robert B	B. Reeser, III	Registration Number	45548		
Title (if Applicant is a juristic entity)						
Applicant Name (if Applicant Name) NOTE: This form must be more than one applicant,	be signed i	in accordance with 37 CFR 1.33. See 37 CFR 1.4(d) for	or signature requir	ements and certifications. If		
*Total of	f	orms are submitted.				

This collection of information is required by 37 CFR 1.131, 1.32, and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

REEL: 041507 FRAME: 0721

POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

		ke all p R 3.73(d	revious powers of att	orney	given in th	e applicat	ion identified in th	e attached	statement
I here	оу арро	oint:	······································	•••••		****************	***************************************		
				mber:	60476				
************	OR			ļ		00470	***************************************		
	Practit	ioner(s) n	named below (if more than t	ten pater	nt practitione	s are to be r	named, then a custom	er number mu	st be used):
		nocennomenanesco	Name		gistration Number		Name	Name Reg Nu	
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any and	l all pater	nt applica	to represent the undersigr tions assigned <u>only</u> to the u cordance with 37 CFR 3.73	ındersigr	e the United ned accordin	States Pate g to the USF	nt and Trademark Off PTO assignment recor	ice (USPTO) i ds or assignm	n connection with ents documents
Please	change t	he corres	pondence address for the a	application	n identified i	n the attache	ed statement under 37	CFR 3.73(c) t	to;
OR	The ac	ddress as	sociated with Customer Nu	ımber:		60476	3		
F	irm or idividual	Ninma	······································		*************************				
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C	ountry				······································		***************************************	<u></u>	
T	elephone)				Email			
Assignee Name and Address: The Boeing Company 100 N. Riverside Plaza Chicago, IL 60606									
A copy of this form, together with a statement under 37 CFR 3.73(c) (Form PTO/AIA/96 or equivalent) is required to be Filed in each application in which this form is used. The statement under 37 CFR 3.73(c) may be completed by one of The practitioners appointed in this form, and must identify the application in which this Power of Attorney is to be filed.									
SIGNATURE of Assignee of Record The individual whose signature and title is supplied below is authorized to act on behalf of the assignee					gnee				
Signat	ure		uc nan	1.		000000000000000000000000000000000000000	Date June 12,	2014	000000000000000000000000000000000000000
Name		Eric S	Satermo				Telephone 714-	896-4626	3
Title		Assis	Assistant Secretary of The Boeing Company			mpany			

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

REEL: 041507 FRAME: 0722

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

- The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
- 2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
- 3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
- 4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
- A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
- 6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
- 7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
- 8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
- A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

PATENT REEL: 041507 FRAME: 0723

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

	STATEMENT UNDER 37 CFR 3.73(c)
Applicant/Patent Owner	er: The Boeing Company
Application No./Patent	No.: Filed/Issue Date:
Titled:	
The Boeing Compa	any , a corporation
(Name of Assignee)	(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)
states that, for the pate	ent application/patent identified above, it is (choose one of options 1, 2, 3 or 4 below):
1. The assignee	of the entire right, title, and interest.
2. An assignee of	f less than the entire right, title, and interest (check applicable box):
☐ The extent (holding the bal	by percentage) of its ownership interest is%. Additional Statement(s) by the owners ance of the interest <u>must be submitted</u> to account for 100% of the ownership interest.
There are u	inspecified percentages of ownership. The other parties, including inventors, who together own the entire interest are:
000000000000000000000000000000000000000	
Additional S right, title, and	itatement(s) by the owner(s) holding the balance of the interest <u>must be submitted</u> to account for the entire interest.
3. The assignee of the other parties, include:	of an undivided interest in the entirety (a complete assignment from one of the joint inventors was made).
Additional Si right, title, and	tatement(s) by the owner(s) holding the balance of the interest <u>must be submitted</u> to account for the entire interest.
4. The recipient, v	via a court proceeding or the like (e.g., bankruptcy, probate), of an undivided interest in the entirety (a where the interest was made). The certified document(s) showing the transfer is attached.
The interest identified	in option 1, 2 or 3 above (not option 4) is evidenced by either (choose one of options A or B below):
A. An assignment the United State thereof is attack	t from the inventor(s) of the patent application/patent identified above. The assignment was recorded in tes Patent and Trademark Office at Reel, Frame, or for which a copy shed.
B. A chain of title	from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:
1. From:	То;
ä	document was recorded in the United States Patent and Trademark Office at
Ree	Frame, or for which a copy thereof is attached.
1	To:
ă	document was recorded in the United States Patent and Trademark Office at
Ree	, Frame, or for which a copy thereof is attached.

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

[Page 1 of 2]

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/AIA/96 (08-12)
Approved for use through 01/31/2013. OMB 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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		STATEME	NT UNDER 37 CFR 3.73(c)
3. From:			To:
			United States Patent and Trademark Office at
	Reel	, Frame	, or for which a copy thereof is attached.
4. From:		······································	To:
	The docume	nt was recorded in the t	United States Patent and Trademark Office at
	Reel	, Frame	, or for which a copy thereof is attached.
5. From:			To:
	The docume	nt was recorded in the I	United States Patent and Trademark Office at
	Reel	, Frame	, or for which a copy thereof is attached.
6. From:	***************************************	***************************************	To:
			United States Patent and Trademark Office at
	Reel	, Frame	, or for which a copy thereof is attached.
Ad	ditional document	s in the chain of title are	e listed on a supplemental sheet(s).
			mentary evidence of the chain of title from the original owner to the tted for recordation pursuant to 37 CFR 3.11.
[NOT Divis	E: A separate cop ion in accordance	y (i.e., a true copy of th with 37 CFR Part 3, to	ne original assignment document(s)) must be submitted to Assignment record the assignment in the records of the USPTO. See MPEP 302.08]
The undersig	ned (whose title is	ş supplied below) iş autl	horized to act on behalf of the assignee.
Alla		M	June 12, 2014
Signature		<u></u>	Date
Eric Sat	:ermo		Asst. Secretary of The Boeing Company
Printed or Ty	ped Name	Web-1	Title or Registration Number

[Page 2 of 2]

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- A record from this system of records may be disclosed, as a routine use, in the course of presenting
 evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the
 course of settlement negotiations.
- A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
- 4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
- A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
- 6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
- 7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
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- A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

PATENT REEL: 041507 FRAME: 0726

ASSIGNMENT

Attorney Docket No.

12-1706-US-NP (24691-726)

WHEREAS, Alex C. Lumbab, residing at Bothell, Washington, and Bradley Scott Leisten, residing at Snohomish, Washington, (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 NOISE ATTENUATION IN AN ENGINE NACELLE for which Assignor is making or has made application for LETTERS PATENT OF THE UNITED STATES, which application has been duly executed by Assignor as Application No. _______ as Application No. _______

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 110-SD54 Seal Beach, CA 90740-2515, 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.

Alex C. Lumbab 4/29/2014

Alex C. Lumbab DATE

Bradley Scott Leisten DATE 14

1 of 1