504245950 02/27/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4292628

SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT			
CONVEYING PARTY	DATA					
Name				Execution Date		
MOSTAFA RASSAIAN				03/11/2005		
THOMAS T. ARAKAW	/A			03/11/2005		
JEFFREY S. KNOWL	TON			03/11/2005		
RECEIVING PARTY	ΔΑΤΑ					
Name:	THE B	DEING COMPANY				
Street Address:	100 N.	RIVERSIDE PLAZA				
City:	CHICA	GO				
State/Country:	ILLINC	ILLINOIS				
Postal Code:	60606					
		Number				
Property Type		Number				
Application Number:		12137389	7389			
CORRESPONDENCE	DATA					
Fax Number:		(312)977-9959				
		the e-mail address first; if i				
<i>using a tax number,</i> Phone:	it provideo	l ; if that is unsuccessful, it v 312-977-9902	viii de sent	VIA US MAII.		
Email:		cbautista@millermatthiashull.				
Correspondent Name	e:	-	ER, MATTHIAS & HULL LLP/THE BOEING			
Address Line 1:		,	NORTH FRANKLIN STREET			
Address Line 2: SUIT		SUITE 2350	E 2350			
Address Line 4:		CHICAGO, ILLINOIS 60606				
ATTORNEY DOCKET	NUMBER:	03-0502-US-CNT				
NAME OF SUBMITTE	R:	BRENT E. MATTHIAS	BRENT E. MATTHIAS			
SIGNATURE:		/brent e. matthias/	/brent e. matthias/			
DATE SIGNED:		02/27/2017	02/27/2017			
Total Attachments: 3		L				
source=2017-02-27_As	signment_	03-0502-US-CNT#page1.tif				
	• –	03-0502-US-CNT#page2.tif 03-0502-US-CNT#page3.tif				

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Rassaian, et al.	Attorney Docket No.	BING-1-1113		
Serial No.:	Not Assigned Yet	Group Art Unit:	Not Assigned Yet		
Filing Date:	Concurrently Herewith	Examiner:	Not Assigned Yet		
Title: METHODS AND SYSTEMS FOR REDUCING FINITE ELEMENT SIMULATION TIME FOR ACOUSTIC RESPONSE ANALYSIS					

ASSIGNMENT

WHEREAS, I, Mostafa Rassaian, residing at 17345 NE 17th Place, Bellevue, Washington 98008, am one of the inventors named in the above-identified United States patent application;

WHEREAS, I, Thomas T. Arakawa, residing at 1502 Camas Avenue NE, Renton, Washington 98056, am one of the inventors named in the above-identified United States patent application;

WHEREAS, I, Jeffrey S. Knowlton, residing at 20109 137th Avenue SE, Kent, Washington 98042, am one of the inventors named in the above-identified United States patent application;

AND, WHEREAS, The Boeing Company, a corporation organized and existing under the laws of the State of Delaware, U.S., having a place of business at 100 North Riverside, Chicago, IL 60606-1596, with a mailing address of M/C 1640-2101, 15460 Laguna Canyon Road, Irvine, California 92618, U.S. (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title, and interest in and to the patent application and related inventions;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and intending to be legally bound hereby, I hereby assign and transfer to ASSIGNEE the entire right, title, and interest in and to the patent application and related inventions, including all improvements, variations, derivations and inventive subject matter directly or indirectly related to the patent application and inventions, and all provisional

46020 CUSTOMER NUMBER - 1 -

BING-1-1113ASSC.doc

BLACK LOWE & GRAHAM ****

701 Fifth Avenue, Suite 4800 Seattle, Washington 98104 206.381.3300 • F: 206.381.3301

PATENT REEL: 016422 ERAME: 0818 REEL: 041381 FRAME: 0625 or nonprovisional patent applications or issued patents that have been or may be granted thereon, including without limitation all reissues, divisions, continuations, continuations-in-part, and extensions of the patent applications or patents, or any other form of protection for the inventions related to the patent application, in the United States and foreign countries; all rights of action arising from the inventions and all applications and patents on the inventions; all claims for damages by reason of past and future infringement of the inventions and all applications and patents on the inventions, and the right to sue and collect damages for such infringement; to be held and enjoyed by the ASSIGNEE for its own use and benefit and for its successors and assigns as the same would have been held by me had this assignment not been made.

I do hereby further agree and promise to execute all instruments and render all such assistance as ASSIGNEE may request in order to make and prosecute any and all applications on the inventions, to maintain and enforce any and all patents on the inventions, and to confirm in ASSIGNEE legal title to the inventions and all applications and patents on the inventions in the United States and foreign countries, all without charge to ASSIGNEE but at no expense to me. In the event that ASSIGNEE is unable for any reason, after reasonable effort, to secure my signature on any document needed in connection with the actions specified in this paragraph, or to otherwise perfect in ASSIGNEE the entire right, title, and interest in and to the patent application and related inventions, I hereby irrevocably designate and appoint the ASSIGNEE and its duly authorized officers and agents as my agent and attorney-in-fact, to act for and in my behalf to execute, verify and file any such documents and to do all other lawfully permitted acts to further the purposes of this assignment with the same legal force and effect as if executed by me. I hereby waive and quitclaim to the ASSIGNEE any and all claims, of any nature whatsoever, which I now or may hereafter have for infringement of any proprietary rights assigned to the ASSIGNEE.

46020 CUSTOMER NUMBER -2-

BING-1-1113ASSG.doc

BLACK LOWE & GRAHAM

701 Fifth Avenue, Suite 4800 Seattle, Washington 98104 206.381.3300 • F: 206.381.3301

PATENT REEL: 016422 ERAME: 0819 REEL: 041381 FRAME: 0626

EXECUTED at _ Tukwila	(city),	Washington	(WA), this $\underline{// }^{h}$ day of
March , 2005.		<i>0</i>	
		mal	<u></u>
		Mostafa Rassaiah	

EXECUTED at _	Tuxwila	(city),	WASHINGTON	(WA), this	11th day of
March	, 2005.		11-21	0	

Two | Martin

Thomas T. Arakawa

EXECUTED at <u>TUKWILA</u> (city), <u>WASHINGTON</u> (WA), this <u>11th</u> day of <u>March</u>, 2005.

effug & Knowlton

Jeffrey S. Knowlton

46020 CUSTOMER NUMBER

RECORDED: 03/23/2005

RECORDED: 02/27/2017

- 3 -

BING-1-1113ASSG.doc

BLACK LOWE & GRAHAM

701 Fifth Avenue, Suite 4800 Seartle, Washington 98104 206.381.3300 • F: 206.381.3301

PATENT REEL: 016422 FRAME: 0820 REEL: 041381 FRAME: 0627