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Name of conveying party(ies):	Name and address of receiving party(ies)	10/88693 10/88693
Brian J. Tillotson	Name: The Boeing Company	192
	Internal Address:	
Additional name(s) of conveying party(ies) attached? 🖵 Yes 🔼 No		
3. Nature of conveyance:		
Assignment	400 M at Bit will	
☐ Security Agreement ☐ Change of Name	Street Address: 100 North Riverside	
Other		
Outer	City: Chicago State: IL Zip: 60606	}
Execution Date: 7/7/04		
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Application number(s) or patent number(s): If this document is being filed together with a new application.	ATTORNEY DOCKET NO.: BING-1-1094 ication, the execution date of the application is:	
A. Patent Application No.(s)	B. Patent No.(s)	
10880741		
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	6. Total number of applications and patents involved: 1]
concerning document should be mailed: Name: Mark L. Lorbiecki, Esq.	7. Total fee (37 CFR 3.41)\$\$	<u> </u>
	☑ Enclosed	}
Internal Address: Black Lowe & Graham, PLLC	-	
	Authorized to be charged to deposit account	•
	8. Deposit account number:]
Street Address: 701 Fifth Avenue, Suite 4800	5. Seposit decount maniper.	
City:Seattle	(Attach duplicate copy of this page if paying by deposit account)	60.00 GP
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Statement and signature.	L TINO OF AGE	S S
To the best of my knowledge and belief, the foregoing	information is true and correct and any attached copy	00000069 10 68 6921 40
is a true copy of the original document. Mark L. Lorbiecki, Reg. No. 45,643	7/8/04	
Name of Person Signing	Signature Date	ECORPER
Total number of pages including cover	er sheet, attachments, and documents:	12

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07/23/2004 ECOOPE 01 FC:8021

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Brian J. Tillotson Attorney Docket No. BING-1-1094

Serial No.: (Pending) Group Art Unit: N/A

Filing Date: July 8, 2004 Examiner: N/A

SIMULATING ION IMPINGEMENT

Title:

ASSIGNMENT

WHEREAS, I, Brian J. Tillotson, residing at 24231 146th Avenue SE, Kent, WA 98042, am one of the inventors named in the above-identified United States patent application;

AND, WHEREAS, The Boeing Company, a Delaware corporation having a principal address at 100 North Riverside, Chicago, IL 60606-1596 (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 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

25315 CUSTOMER NUMBER - 1 -

BING-1-1094ASGN

BLACK LOWE & GRAHAM PLLC

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

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REEL: 015585 FRAME: 0696

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.

EXECUTED at Lond (city), Washington (state), this day of Brian J. Tillerson

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FROM: