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OMB No. 0651-0027 (exp. 6/30/2008) R

Form PTO-1595 (Rev. 08/05)

10338	58294
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies)
Michael S. Lewis (12/27/2006), Jere S. Meserole (12/14/2006), Michael J. Dunn (12/15/2006), and	Name: The Boeing Company
Additional name(s) of conveying party(ies) attached? X Yes No	Internal Address: Street Address:
3. Nature of conveyance/Execution Date(s):	
Execution Date(s): in parentheses after inventor name X Assignment Merger Change of Name	100 N. Riverside
Security Agreement Joint Research Agreement	City: Chicago
Government Interest Assignment	State: Illinois
Executive Order 9424, Confirmatory License	Country: United States of America Zip: 60606-1596
Other	Additional name(s) & address(es) Yes X No attached?
A. Patent Application No.(s) This application	This document is being filed together with a new application. B. Patent No.(s)
Additional numbers attached?	Yes X No
Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: John M. Wechkin PERKINS COIE LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Internal Address: Atty. Dkt.: 030048230US	Authorized to be charged by credit card
Street Address: P.O. Box 1247	Authorized to be charged to deposit account
JBALINAN 00000066 :1647053	X Enclosed
40.60 O	None required (government interest not affecting title)
City: Seattle	8. Payment Information
State: WA Zip: 98111-1247	a. Credit Card Last 4 Numbers
Phone Number: (206) 359-8000	Expiration Date
Fax Number: (206) 359-9000	b. Deposit Account Number
Email Address:	Authorized User Name
9. Signature:	December 27, 2006
Signature	Date
John M. Wechkin - 42,216 Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV670653014US, on the date shown below in an envelope addressed to:

MS Assignment Recordation Services, Director of the US Patent and Trademark Office P.O. Box 1450, Alexandria, VA 22313-1450.

Dated:

Signature:

(Melody Almberg)

PATENT

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Form PTO-1595	RECOR	DATION FORM COVER SHEET (CONTINUED)	
Additional Convey	ving Party(ies)/Exec	ution Date(s) (1. Continued):	
Brian J. Tillotson (12/	17/2006)		
Additional Assign	ees (2. Continued):		
Assignee Name:Internal Address:			
Street Address:			
City:	State:	Country:	Zip:
Assignee Name:			
Internal Address: Street Address:			
City:	State:	Country:	Zip:
Assignee Name: Internal Address: Street Address:			
City:	State:	Country:	Zip:
Additional Applica	ations and/or Patent	s (4. Continued):	
Additional Patent Applicati 4A. Continued:	on Numbers	Additional Patent Numbers 4B. Continued:	
	Additional numbers	s attached?	

Docket No.: 030048230US

Express Mail No. EV670653014US

Attorney Docket No. 030048230US Client Reference No. 05-1024A

ASSIGNMENT

THIS ASSIGNMENT is by Michael S. Lewis, who resides at 17975 Kuligren Road, Round Hill, Virginia 20141, Jere S. Meserole, who resides at 17417 SE 46th Place, Bellevue, Washington 98006, Michael J. Dunn, who resides at 3933 S. 326th Place, Federal Way, Washington 98001-9639 and Brian J. Tillotson, who resides at 24231 146th Avenue SE, Kent. Washington 98042 (the "Assignors"), respectively. We Assignors have invented one or more certain inventions (the "Invention(s)") described in a United States Patent Application entitled SYSTEMS AND METHODS FOR TRACING AIRCRAFT VORTICES (the "Application") and executed concurrently herewith; or filed on ______ as Application No. ______. We Assignors authorize the Assignee, identified below, or its representatives to insert the application number of the Application when known.

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 M/C 1640-2101, 15460 Laguna Canyon Road, Irvine, California 92618, US, ("Assignee"), desires to acquire the entire right, title and interest in and to the Invention(s) and the Application, and in and to any patents (collectively, "Patents") that may be granted for the Invention(s) in the United States or in any foreign countries.

For valuable consideration, the receipt and sufficiency of which we acknowledge, Assignors hereby sell, assign, and transfer to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to: the Invention(s), the Application, and any Patents; any divisions, continuations, and continuations-in-part of the Application and any other application claiming priority rights from the Application; any reissues, reexaminations, or extensions of any and all Patents; the right to file foreign applications directly in the name of Assignee; and the right to claim priority rights deriving from the Application (collectively, the "Rights"). Assignors warrant that they are joint owners of the Rights, and that the Rights are unencumbered. Assignors also agree to not sign any writing or do any act conflicting with this assignment, and, without further compensation, sign all documents and do such additional acts as Assignee deems necessary or desirable to: perfect Assignee's enjoyment of the Rights; prepare and prosecute the Application or any other applications for Patents; conduct proceedings regarding the Rights, including any litigation or interference proceedings; or perfect or defend title to the Rights. Assignors request the Commissioner of Patents to issue

Page 1

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any Patent of the United States that may	be issued on the Invention(s) to Assignee.	This
Assignment may be executed in counterpart	s.	
Date: 12/21/06	Michael S. Lewis	
Date:	Jere S. Meserole	
Date:	Michael J. Dunn	
Date:	Brian J. Tillotson	

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any Patent of the United States that may be issued on the Invention(s) to Assignee. This Assignment may be executed in counterparts.

Date:	Michael C. Laurie
,	Michael S. Lewis
Date: December 14, 2006	Jere S. Meserole
,	dere S. Meserole
Date:	
	Michael J. Dunn
Date:	

Brian J. Tillotson

1/ 5

Attorney Docket No. 030048230US Client Reference No. 05-1024A

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Assignment may be executed in counterparts.	

Date:	Michael S. Lewis
Date:	Jere S. Meserole
Date: 15 December 2006	Michael J. Dunn
Date:	Brian I Tillotson

Attorney Docket No. 030048230US Client Reference No. 05-1024A

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Date:____

Michael S. Lewis

Date:_____

Jere S. Meserole

Michael J. Dunn

Date: 12/17/2006

RECORDED: 12/27/2006

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