

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Arvin Shmilovich</td><td>05/01/2007</td></tr><tr><td>Yoram Yadlin</td><td>05/01/2007</td></tr><tr><td>Roger W. Clark</td><td>05/02/2007</td></tr></tbody></table>	Name	Execution Date	Arvin Shmilovich	05/01/2007	Yoram Yadlin	05/01/2007	Roger W. Clark	05/02/2007	
Name	Execution Date								
Arvin Shmilovich	05/01/2007								
Yoram Yadlin	05/01/2007								
Roger W. Clark	05/02/2007								
RECEIVING PARTY DATA									
Name:	The Boeing Company								
Street Address:	100 North Riverside Plaza								
City:	Chicago								
State/Country:	ILLINOIS								
Postal Code:	60606-1596								
PROPERTY NUMBERS Total: 1									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11747112</td></tr></tbody></table>	Property Type	Number	Application Number:	11747112					
Property Type	Number								
Application Number:	11747112								
CORRESPONDENCE DATA									
Fax Number: (206)359-7771 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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ATTORNEY DOCKET NUMBER:	03004-8222US1								
NAME OF SUBMITTER:	John M. Wechkin								
Total Attachments: 3 source=ExecutedAssignment#page1.tif									

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PATENT  
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**RECORDATION FORM COVER SHEET**  
**PATENTS ONLY**

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):**

Arvin Shmilovich (05/01/2007), Yoram Yadlin  
(05/01/2007), and Roger W. Clark (05/01/2007)

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

**2. Name and address of receiving party(ies)**

Name: The Boeing Company

Internal Address: \_\_\_\_\_

Street Address: \_\_\_\_\_

100 N. Riverside Plaza

City: Chicago

State: Illinois

Country: United States of America Zip: 60606-1596

Additional name(s) & address(es) attached? ☐ Yes ☒ No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s): in parentheses after inventor name

☒ Assignment ☐ Merger ☐ Change of Name

☐ Security Agreement ☐ Joint Research Agreement

☐ Government Interest Assignment

☐ Executive Order 9424, Confirmatory License

☐ Other \_\_\_\_\_

**4. Application or patent number(s):**

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

This application

11/747,112

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: John M. Wechkin  
PERKINS COIE LLP

Internal Address: Atty. Dkt.: 030048222US1

Street Address: P.O. Box 1247

City: Seattle

State WA Zip: 98111-1247

Phone Number: (206) 359-8000

Fax Number: (206) 359-9000

Email Address: \_\_\_\_\_

**6. Total number of applications and patents involved:**

1

**7. Total fee (37 CFR 1.21(h) & 3.41) \$** 40.00

☐ Authorized to be charged by credit card

☐ Authorized to be charged to deposit account

☒ Enclosed

☐ None required (government interest not affecting title)

**8. Payment Information**

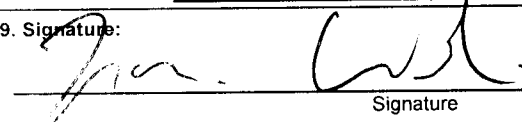
a. Credit Card Last 4 Numbers \_\_\_\_\_

Expiration Date \_\_\_\_\_

b. Deposit Account Number \_\_\_\_\_

Authorized User Name \_\_\_\_\_

**9. Signature:**



Signature

May 10, 2007  
Date

John M. Wechkin - 42,216

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

2

## ASSIGNMENT

THIS ASSIGNMENT is by Arvin Shmilovich, who resides at 6812 LaFayette Drive, Huntington Beach, CA 92647; Yoram Yadlin, who resides at 62 Wildwood, Irvine, CA 92604; and Roger W. Clark, who resides at 609 8<sup>th</sup> Street, Huntington Beach, CA 92648 (the "Assignors"), respectively. We Assignors have invented one or more certain inventions (the "Invention(s)") described in a United States Patent Application entitled ACTIVE SYSTEMS AND METHODS FOR CONTROLLING AN AIRFOIL VORTEX (the "Application") and ☐ executed concurrently herewith; or ☒ filed on 05/10/2007 as Application No. 11/747,112. 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 N. Riverside, Chicago, Illinois 60606-1596, 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.

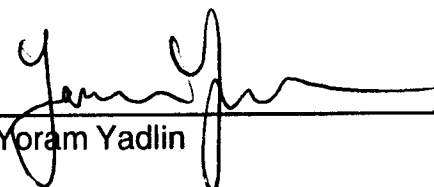
For valuable consideration, the receipt and sufficiency of which we acknowledge, Assignors hereby sell, assign, and transfer to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to: the Invention(s), the Application, and any Patents; any divisions, 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

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


Date: 5/1/2007

  
Arvin Shmilovich

Date: 5/1/2007

  
Yoram Yadlin

Date: 5/2/2007

  
Roger W. Clark