

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Mehul Patel	11/09/2005
T Terry Ng	11/10/2005
Alan B Cain	11/10/2005
Zak Sowle	11/13/2005
Jack DiCocco	11/17/2005
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Orbital Research Inc.
<b>Street Address:</b>	4415 Euclid Ave. Ste. 500
<b>City:</b>	Cleveland
<b>State/Country:</b>	OHIO
<b>Postal Code:</b>	44103
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12977519
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(216)649-0397
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	216 649 0376
<b>Email:</b>	kolkowski@orbitalresearch.com
<b>Correspondent Name:</b>	Orbital Research Inc.
<b>Address Line 1:</b>	4415 Euclid Avenue
<b>Address Line 2:</b>	Suite 500
<b>Address Line 4:</b>	Cleveland, OHIO 44103
<b>ATTORNEY DOCKET NUMBER:</b>	ORB-082
<b>NAME OF SUBMITTER:</b>	Brian M. Kolkowski

OP \$40.00 12977519

**501389259**

**PATENT**  
**REEL: 025563 FRAME: 0710**

**Total Attachments: 3**

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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)

Mehul Patel  
T. Terry Ng  
Alan Cain  
Zak Sowle  
Jack DiCocco

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

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

Name: Orbital Research Inc.

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

Street Address: 4415 Euclid Ave. Ste. 500

City: Cleveland

State: OH

Country: us Zip: 44103

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

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

Execution Date(s) 11/9/2005 - 11/17/2005

- Assignment  Merger  
 Security Agreement  Change of Name  
 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)

12/977,519

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: Brian M. Kolkowski

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

Street Address: 4415 Euclid Ave.

City: Cleveland

State: OH Zip: 44103

Phone Number: (216) 649-0376

Fax Number: (216) 649-0397

Email Address: kolkowski@orbitalresearch.com

### 6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$40

- Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

### 8. Payment Information

Deposit Account Number \_\_\_\_\_

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

### 9. Signature:

  
Signature

12/23/2010  
Date

Brian M. Kolkowski  
Name of Person Signing

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

3

Assignment of Rights, Title and Interest in Invention  
(Multiple inventors; single assignee)

Docket No. 82  
ORB-035 60

This is an Assignment of the following rights, title and interest: (check all that apply):

- United States of America rights, title and interest in the invention
- Foreign rights, title and interest in the invention
- United States Patent Application Serial No. \_\_\_\_\_  
Date of Execution: \_\_\_\_\_ Date of Filing: \_\_\_\_\_
- United States Provisional Patent Application Serial No. \_\_\_\_\_
- United States Patent No(s). \_\_\_\_\_
- International (PCT) Patent Application Serial No. \_\_\_\_\_
- Other (specify) \_\_\_\_\_

Title of the Invention

ADAPTIVE AND REMOVABLE CONTROL SURFACES FOR VEHICLES WITH AN IMPROVED CONTROL SYSTEM

Inventors (assignors)

Name	Address
Mehul Patel	3881 E. Leo Place Chandler, AZ 85249, USA
T. Terry Ng	7432 Country Meadow Ct. Sylvania, OH 43560, USA
Alan B. Cain	13448 Forestlac Dr. Saint Louis, MO 63141-6017
Zak Sowle	1700 E. 13th Street Apt. 20U Cleveland, OH 44114
Jack DiCocco	435 Brenelle Lane Medina, OH 44256

Assignee

Name	Address
Orbital Research Inc.	4415 Euclid Avenue, Suite 500 Cleveland, Ohio 44103

AS03A/REV01

Assignment of Rights, Title and Interest in Invention  
(Multiple inventors; single assignee)

Docket No. 82  
ORB-03560

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

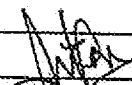
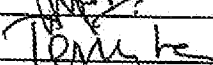
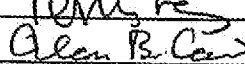
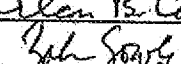
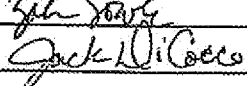
Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

Name	Signature	Date
Mehul Patel		11/09/05
T. Terry Ng		11/10/05
Alan B. Cain		11/10/05
Zak Sowle		11/13/05
Jack DiCocco		11/17/05