

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Greg S. Shaw	09/12/2005
Troy Prince	09/09/2005
Joseph Snyder	09/12/2005
Michael Willett	09/12/2005
Frederick J. Lisy	09/12/2005
RECEIVING PARTY DATA	
Name:	Orbital Research Inc.
Street Address:	4415 Euclid Avenue Ste. 500
City:	Cleveland
State/Country:	OHIO
Postal Code:	44103
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12539358
CORRESPONDENCE DATA	
Fax Number:	(216)649-0397
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	216 649 0376
Email:	kolkowski@orbitalresearch.com
Correspondent Name:	Orbital Research Inc.
Address Line 1:	4415 Euclid Avenue
Address Line 2:	Suite 500
Address Line 4:	Cleveland, OHIO 44103
ATTORNEY DOCKET NUMBER:	ORB-071
NAME OF SUBMITTER:	Brian M. Kolkowski

OP \$40.00 12539358

Total Attachments: 5

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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)

Greg S. Shaw
Troy Prince
Joseph Snyder
Michael Willett
Frederick J. Lisy

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) 09/09/2005 and 09/12/2005

- 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)

B. Patent No.(s)

12/539,358

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. Ste. 500

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

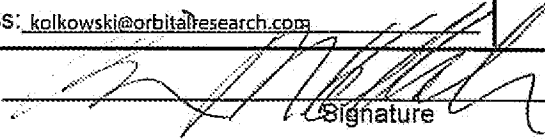
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

Deposit Account Number _____

Authorized User Name _____

9. Signature:


Signature

9/11/05
Date

Brian M. Kolkowski
Name of Person Signing

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

5

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1460, Alexandria, V.A. 22313-1460

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

Docket No.
ORB-038

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

Pressure Sensor with Integrated Bi-Functional Heater and Methods of Using

Inventors (assignors)

Name	Address	
Greg Shaw	2353 Charney Road	University Heights, OH 4 118
Troy Prince	2587 Haddam Road	Cleveland, OH 44120
Joseph Snyder	13530 Fox Den East	Novelty, OH 44072
Michael Willett	165 Trunko Road	Akron, OH 44333
Frederick Lisy	24731 Farringden	Euclid, OH 44123

Assignee

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

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

Docket No.
ORB-038

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;

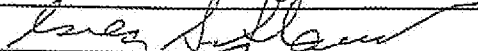


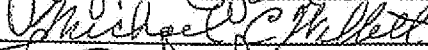

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

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
Greg Shaw	 9/12/05
Troy Prince	
Joseph Snyder	 9/12/05
Michael Willett	 9/12/05
Frederick Lisz	 9/12/05

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

Docket No.
ORB-038

Notarization

(Although notarization is not necessary, it will be considered prima facie evidence of execution pursuant to 35 U.S.C. 261.)

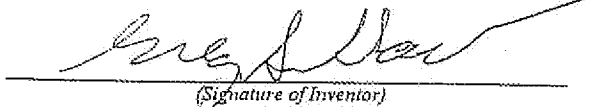
Executed this 12th day of September, in the year

at

State of Ohio

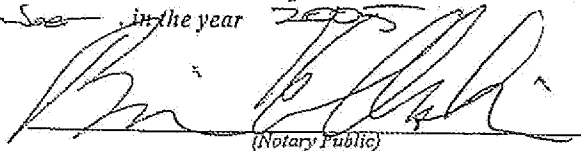
County of Cuyahoga

Before me personally appeared Gregory Shaw
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to
execute the same this 12th day of September, in the year 2005



(Signature of Inventor)

BRIAN M. KOLKOWSKI, ATTORNEY
NOTARY PUBLIC, STATE OF OHIO
MY COMMISSION HAS NO EXPIRATION DATE



(Notary Public)

Executed this 9 day of September, in the year 2005

at

State of Ohio

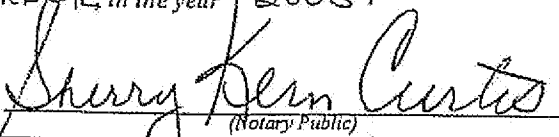
County of Cuyahoga

Before me personally appeared Troy Prince
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to
execute the same this 9th day of September, in the year 2005



(Signature of Inventor)

SHERRY KERN CURTIS, Notary Public
State of Ohio
My commission expires September 18, 2006



(Notary Public)

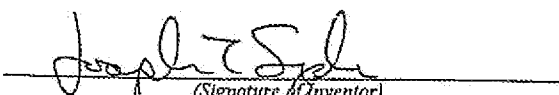
Executed this 12 day of September, in the year 2005

at

State of Ohio

County of Cuyahoga

Before me personally appeared Joseph Snyder
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to
execute the same this 12th day of September, in the year 2005



(Signature of Inventor)

BRIAN M. KOLKOWSKI, ATTORNEY
NOTARY PUBLIC, STATE OF OHIO
MY COMMISSION HAS NO EXPIRATION DATE



(Notary Public)

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

Docket No.
ORB-038

Notarization

(Although notarization is not necessary, it will be considered prima facie evidence of execution pursuant to 35 U.S.C. 261.)

Executed this 12 day of September, in the year 2005

at

Michael C. Willett
(Signature of Inventor)

State of Ohio

County of Cuyahoga

Before me personally appeared Michael Willett who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute the same this 12 day of September in the year 2005

**BRIAN M. KOLKOWSKI, ATTORNEY
NOTARY PUBLIC, STATE OF OHIO
MY COMMISSION HAS NO EXPIRATION DATE**

[Signature]
(Notary Public)

Executed this 12th day of September, in the year 2005

at

[Signature]
(Signature of Inventor)

State of Ohio

County of Cuyahoga

Before me personally appeared Frederick Lisy who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute the same this day of in the year

**BRIAN M. KOLKOWSKI, ATTORNEY
NOTARY PUBLIC, STATE OF OHIO
MY COMMISSION HAS NO EXPIRATION DATE**

[Signature]
(Notary Public)

Executed this day of , in the year

at

(Signature of Inventor)

State of Ohio

County of Cuyahoga

Before me personally appeared who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute the same this day of in the year

(Notary Public)