

12-05-2007



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Trademark Office

Form PTO-1595 (Rev. 07/05)
OMB No. 0651-0027 (exp. 6/30/2008)

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)

Andrew B. Facciano
Robert T. Moore
Kelly J. Sinnock
Scott T. Caldwell

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

2. Name and address of receiving party(ies)

Name: Raytheon Company

Internal Address: _____

Street Address: 870 Winter Street

City: Waltham

State: Massachusetts

Country: USA Zip: 02451-1449

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

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

Execution Date(s) 11/7/2007, 11/15/2007 and 11/9/2007

☒ 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)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Benman, Brown & Williams

Internal Address: Suite 2740

Street Address: 2049 Century Park East

City: Los Angeles

State: CA Zip: 90067

Phone Number: (310) 553-2400

Fax Number: (310) 553-2675

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 4001
Expiration Date 06/10

b. Deposit Account Number _____

Authorized User Name _____

9. Signature: W. J. Benman

Signature

November 27, 2007

Date

William J. Benman

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 1450, Alexandria, V.A. 22313-1450

PATENT
REEL: 020215 FRAME: 0881

40.00 DP

5 FC:8021

WHEREAS, I, as below named sole inventor (if only one name is listed below) or joint inventor (if plural names are listed below) of the city and state as stated below next to my name, have invented a (an)

INTEGRAL COMPOSITE ROCKET MOTOR DOME/NOZZLE STRUCTURE

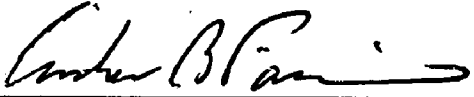
for which application for Letters Patent of the United States has been executed by me, or *(if the following is completed)* was filed as Application No. _____ on _____, and

WHEREAS, RAYTHEON COMPANY (hereinafter referred to as RAYTHEON), a Delaware corporation, having its principal place of business in Waltham, Massachusetts, is desirous of acquiring the entire and exclusive right, title and interest in, to and under said invention, said application and any and all Letters Patent that may be granted therefore in the United States and throughout the world;

NOW, THEREFORE, in consideration of the obligations voluntarily assumed by me and set forth in an invention agreement between me and my employer, effective the date as stated below next to my name, and other good and valuable consideration, receipt of which is hereby acknowledged, I do hereby sell, assign and transfer to RAYTHEON, its successors, assigns or other legal representatives, the entire and exclusive right, title and interest in and to said invention invented by me, to said application and any and all applications which are continuations, continuations-in-part, divisions or substitutes of said application and any and all Letters Patent that may be granted therefore in the United States and throughout the world on any of said applications and to any and all reexaminations, reissues, renewals or extensions of said Letters Patent in the United States and throughout the world for the full term or terms for which said Letters patent may be granted in the United States and throughout the world; authorize and request the Director of the United States Patent and Trademark Office and all foreign countries to issue all such Letters Patent to said RAYTHEON, its successors, assigns or other legal representatives; covenant that no assignment, sale, agreement, transfer or encumbrance has been, or will be, made or entered into which would conflict with this assignment, sale and transfer; and agree to communicate to RAYTHEON, its successors, assigns or other legal representatives, upon request and at no cost or expense to me, any facts known by me respecting said invention, do all lawful acts, including the execution and delivery of all papers and proper oaths and giving of testimony that is deemed necessary or desirable by RAYTHEON, its successors, assigns or other legal representatives with regard to said invention for protecting, obtaining, maintaining and enforcing any and all of said Letters Patent in the United States and throughout the world for said invention and for perfecting, affirming, recording and maintaining the title of RAYTHEON, its successors, assigns or other legal representatives, and generally cooperate to the fullest extent in all matters pertaining to said invention, and any and all of said Letters Patent and the title thereto in RAYTHEON, its successors, assigns or other legal representatives.

Attorney Docket No. PD-07W046

IN WITNESS WHEREOF, I have executed this instrument

FULL NAME OF SOLE OR JOINT INVENTOR Andrew Facciano	INVENTOR'S SIGNATURE 	DATE SIGNED 11/7/07
RESIDENCE (CITY AND STATE) Tucson, Arizona		INVENTION AGREEMENT DATE

STATE OF Arizona)
COUNTY OF Pima) SS:

On 11/7/07, before me, Jamie Calisti, a

Notary Public in and for said State, personally appeared Andrew Facciano

☐ personally known to me -or- ~~he~~ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person or the entity upon behalf of which the person acted, executed the instrument.

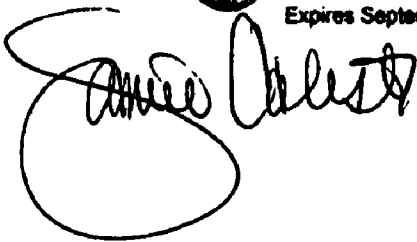
WITNESS my hand and official seal.

Notary Public Jamie Calisti
Type Notary Name


[seal]



Notary Public State of Arizona
Pima County
Jamie Calisti
Expires September 18, 2008



IN WITNESS WHEREOF, I have executed this instrument.

FULL NAME OF SOLE OR JOINT INVENTOR Robert Moore	INVENTOR'S SIGNATURE 	DATE SIGNED 11/7/07
RESIDENCE (CITY AND STATE) Tucson, Arizona		INVENTION AGREEMENT DATE

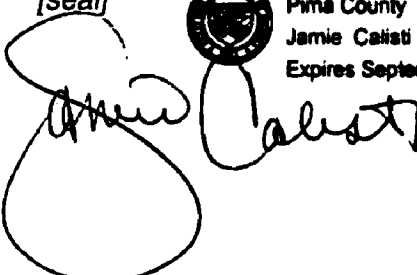
STATE OF Arizona)
COUNTY OF Pima) SS:

On 11/7/07, before me, Jamie Calisti, a
Notary Public in and for said State, personally appeared Robert Moore
☐ personally known to me -or- ☒ proved to me on the basis of satisfactory evidence to be the person
whose name is subscribed to the within instrument and acknowledged to me that he/she executed the
same in his/her authorized capacity, and that by his/her signature on the instrument the person or the
entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public Jamie Calisti
Type Notary Name

Notary Public State of Arizona
Pima County
Jamie Calisti
Expires September 18, 2008

[seal]


IN WITNESS WHEREOF, I have executed this instrument.

FULL NAME OF SOLE OR JOINT INVENTOR Kelly Sinnock	INVENTOR'S SIGNATURE <i>Kelly Sinnock</i>	DATE SIGNED 15 Nov 2007
RESIDENCE (CITY AND STATE) Cedar Rapids, Iowa		INVENTION AGREEMENT DATE 15 Nov 2007

STATE OF Iowa)
COUNTY OF Linn) SS:

On NOVEMBER 15th 2007, before me, Robb A. Wessels, a

Notary Public in and for said State, personally appeared KELLY J. SINNOCK

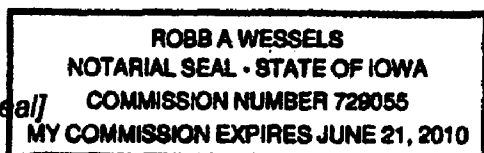
☐ personally known to me -or- ☒ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public

Robb A. Wessels
Type Notary Name

[seal]



IN WITNESS WHEREOF, I have executed this instrument.

FULL NAME OF SOLE OR JOINT INVENTOR Scott Caldwell	INVENTOR'S SIGNATURE <i>Scott T. Caldwell</i>	DATE SIGNED 11-9-07
RESIDENCE (CITY AND STATE) Tucson, Arizona		INVENTION AGREEMENT DATE

STATE OF Arizona)
COUNTY OF Pima) SS:

On Nov 9, 2007, before me, Jamie Calisti, a
Notary Public in and for said State, personally appeared Scott Caldwell

☐ personally known to me -or- ☐ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public Jamie Calisti
Type Notary Name

[seal]



Notary Public State of Arizona
Pima County
Jamie Calisti
Expires September 18, 2008

Jamie Calisti