

02-03-2009



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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

2009

1. Name of conveying party(ies)

Exquadrum, Inc. Prime Contractor
Contract No.: FA9453-04-C-0315

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

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

Execution Date(s) January 8, 2009

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

2. Name and address of receiving party(ies)

Name: United States Air Force Base

Internal Address: 377 ABW/JAN

Street Address: 2251 Maxwell Ave., SE

City: Kirtland AFB

State: NM

Country: USA Zip: 87117-5773

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

4. Application or patent number(s):

A. Patent Application No.(s)
Serial No.: 12/151,900
Filing Date: May 9, 2008

This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: James M. Skorich

Internal Address: 377 ABW/JAN

Street Address: 2251 Maxwell Ave., SE

City: Kirtland AFB

State: NM Zip: 87117-5773

Phone Number: (505) 846-1542

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Email Address: james.skorich@kirtland.af.mil

6. Total number of applications and patents involved: _____

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

- 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:

James M. Skorich
Signature

JANUARY 23, 2009
Date

James M. Skorich

Name of Person Signing

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

3

**DEPARTMENT OF THE AIR FORCE
HEADQUARTERS 377TH AIR BASE WING (AFMC)**

23 Jan 09

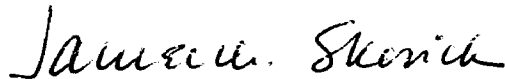
MEMORANDUM FOR U.S. PATENT AND TRADEMARK OFFICE
MAIL STOP: ASSIGNMENT SERVICES BRANCH
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

FROM: 377 ABW/JAN (Libby Waits/DSN 246-1542 or (505) 846-1542)
2251 Maxwell Avenue SE
Kirtland AFB NM 87117-5773

SUBJECT: Transmittal of Confirmatory Instrument for Exquadrum, Inc. Prime Contractor;
Contract No. FA9453-04-C-0315

Enclosed for your action is a Confirmatory Instrument for Exquadrum, Inc. Prime Contractor,
under contract No FA9453-04-C-0315. The Title of the invention is as follows:

The Title of Invention	Serial or Patent No.	Filing Date
"A Propulsion System, Opposing Grains Rocket Engine, and Method for Controlling the Burn Rate of Solid Propellant Grains"	12/151,900	05/09/20078



JAMES M. SKORICH
Patent Attorney, Contract Law and
Laboratory Support Division

Attachment:
Confirmatory Instrument

**PATENT
REEL: 022204 FRAME: 0758**

CONFIRMATORY INSTRUMENT

APPLICATION FOR (TITLE OF INVENTION)

A PROPULSION SYSTEM, OPPOSING GRAINS ROCKET ENGINE, AND METHOD FOR CONTROLLING THE BURN RATE OF SOLID PROPELLANT GRAINS

INVENTORS(S)

Geisler, Robert
Mahaffy, Kevin E.

SERIAL NO.	12/151,900	FILING DATE	9MAY2008
CONTRACTOR	Exquadrum, Inc.	CONTRACT NO.	FA9453-04-C-0315

The invention identified above is a "Subject Invention" under Patent Rights Clause 252.227-7039 (April 1990) (identify clause by title and date)

included in Contract No. FA9453-04-C-0315 with Missile Defense Agency. (specify government agency)

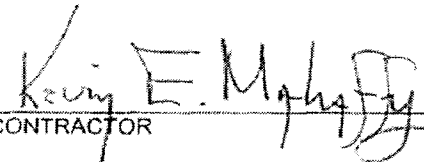
This document confirms the paid-up license granted to the government under this contract in this invention, patent application, and any resulting patent, and all other rights acquired by the government through the referenced clause.

The government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

Signed this 8th day of Jan, 20 09

ATTEST:

(Seal)


CONTRACTOR

Kevin E. Mahaffy
President & CEO

BY: _____
CONTRACTOR'S OFFICIAL AND TITLE

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12130 Rancho Road
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BUSINESS ADDRESS