PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------------|----------------|
| Robert M. Zubrin | 10/12/2006 |
| Pioneer Astronautics | 10/12/2006 |

RECEIVING PARTY DATA

| Name: | Pioneer Astronautics | |
|-------------------|-----------------------|--|
| Street Address: | 11111 West 8th Avenue | |
| Internal Address: | Unit A | |
| City: | Lakewood | |
| State/Country: | COLORADO | |
| Postal Code: | 80215 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 11537439 |

CORRESPONDENCE DATA

Fax Number: (303)268-0065

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 303-268-0066

Email: sdevlin@sbiplaw.com

Correspondent Name: Swanson & Bratschun L.L.C.
Address Line 1: 1745 Shea Center Drive

Address Line 2: Suite 330

Address Line 4: Highlands Ranch, COLORADO 80129

| ATTORNEY DOCKET NUMBER: | 187572/US |
|-------------------------|---------------------|
| NAME OF SUBMITTER: | Paul J. Prendergast |

Total Attachments: 3

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PATENT REEL: 019139 FRAME: 0003

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PATENT REEL: 019139 FRAME: 0004

Attorney Docket: 187572/US

ASSIGNMENT

WHEREAS, the undersigned inventor(s) (referred to, collectively, if more than one, as "Assignor") have made an invention entitled PORTABLE GAS GENERATING DEVICE for which an application for United States Letters Patent was filed on September 29, 2006 as Application Serial No. 11/537,439, and

WHEREAS, Pioneer Astronautics, a Colorado corporation ("Assignee") having a place of business at 11111 West 8th Avenue, Unit A, Lakewood, Colorado 80215, desires to acquire all right, title and interest in and to the above identified invention and application;

NOW, THEREFORE, Assignor, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, does hereby sell, assign, convey and transfer unto Assignee all right, title and interest in and to the above identified invention and application, together with all corresponding foreign applications and patents which may be filed thereon, including the right to claim priority from the above identified United States application; and Assignor hereby agrees that Assignor will sign all lawful papers, including, without limitation, all divisional, continuation, renewal, extension and reissue applications, and make all rightful oaths in execution thereof, and will generally do everything possible to aid Assignee, its successors, assigns and nominees to obtain and enforce proper protection for the invention in all countries, this obligation to be binding upon Assignor (each and severally, if more than one) and upon Assignor's personal representative or other legal successor.

| representative of other legal successor. |
|---|
| IN TESTIMONY WHEREOF, the undersigned Assignor (and each of them, if more that one) has signed below. Date: Address: Address: Address: 4446 Parmalee Oulch Road Indian Hills, CO 80454 |
| STATE OF |
| Witness my hand and official seal. My commission expires: 10-24-09 Notary Public |
| SHERRY McMANUS NOTARY PUBLIC STATE OF COLORADO |

My Commission Expires 10/24/2009

PATENT REEL: 019139 FRAME: 0005

| Date: 10/17/06 | |
|--|--|
| Address: | David Kenneth Strott 1779 South Lee Street, Unit A Lakewood CO 80232 |
| STATE OF <u>Colorado</u>) ss. COUNTY OF <u>Jefferson</u> | |
| The foregoing instrument was acknowledged before by David Kenneth Strott. | me this 17 day of October, 2006, |
| Witness my hand and official seal. My commission expires: | Clisabled Price ELIZABETH PRICE |
| Date:/0//2/06Address: | Anthony Cyrtis Muscatello 2515 West 110 th Avenue Westminster, CO 80234 |
| STATE OF <u>Colorado</u>) ss. | |
| COUNTY OF Tefferson) ss. | ≁ 4 , |
| The foregoing instrument was acknowledged before by Anthony Curtis Muscatello. | me this 12 day of 0ct., 2006, |
| Witness my hand and official seal. My commission expires: 10-24-89 | Merry Mc Manus Notary Public |
| SHERRY McMANUS NOTARY PUBLIC STATE OF COLORADO | |

| Date: 10/12/2006 Address: | Nicholas F. Jameson 12280 West Quincy Avenue Morrison, CO 80465 |
|---|---|
| STATE OF <u>Colorado</u>) ss COUNTY OF <u>Tefferson</u>) ss The foregoing instrument was acknowledged before by Nicholas F. Jameson. | re me this 13 day of 0ct, , 2006, |
| Witness my hand and official seal. My commission expires: 10-24-09 SHERRY McMANUS NOTARY PUBLIC STATE OF COLORADO My Commission Expires 10/24/2009 | Sherry Mc Manus Notary Public |
| Date: 10/12/06 Address: | Emily Bostwick-White 3665 Quail Street Wheat Ridge, CO 80033 |
| STATE OF <u>Colorado</u> ss COUNTY OF <u>Jefferson</u> ss The foregoing instrument was acknowledged before | |
| by Emily Bostwick-White. Witness my hand and official seal. My commission expires: 10-24-09 | Sherry McH arms Notary Public |
| S:\ClientFormula NUS US\Assignment .doc NOTARY PUBLIC STATE OF COLORADO My Commission Expires 10/24/2009 | |

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RECORDED: 04/10/2007

PATENT REEL: 019139 FRAME: 0007