

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Panterra Technologies, Incorporated	06/07/2006
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Michael J. Bruce
<b>Street Address:</b>	3506 Bromley Woods Lane
<b>City:</b>	Greensboro
<b>State/Country:</b>	NORTH CAROLINA
<b>Postal Code:</b>	27410
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Patent Number:</b>	6689722
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(860)548-0006
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	860-297-4616
<b>Email:</b>	abbate@halloran-sage.com
<b>Correspondent Name:</b>	Robyn C. Abbate
<b>Address Line 1:</b>	Halloran & Sage, 225 Asylum Street
<b>Address Line 4:</b>	Hartford, CONNECTICUT 06103
<b>NAME OF SUBMITTER:</b>	Nicole C. Elco
<b>Total Attachments: 9</b> source=SDOC4337#page1.tif source=SDOC4337#page2.tif source=SDOC4337#page3.tif source=SDOC4337#page4.tif source=SDOC4337#page5.tif source=SDOC4337#page6.tif source=SDOC4337#page7.tif	

**OP \$40.00 6689722**

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source=SDOC4337#page9.tif

HALLORAN  
& SAGE LLP  
ATTORNEYS AT LAW

ROBYN C. ABBATE, Direct 860-297-4616 abbate@halloran-sage.com

July 7, 2006

Via Overnight Mail resending via email

United States Patent and Trademark Office  
Assignment Services Division  
PO Box 1450  
Alexandria, VA 22313

Re: Assignment of Patent No. 6689722

To Whom It May Concern:

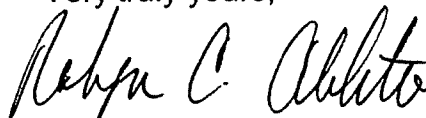
Attached you will find an application for the assignment of Patent No. 6689722 (Serial No. 10/176,227) from Panterra Technologies, Incorporated ("Panterra") to Michael J. Bruce ("Bruce") pursuant to default by Panterra, as "Debtor", of a collateral assignment to Bruce, as "Secured Party". Also attached you will find a certified copy of the UCC-3 from the State of Connecticut assigning the patent to Bruce pursuant to the default at the state level.

In addition, Panterra, in 2003, changed its name from Pantera, Inc, to Panterra Technologies, Incorporated. According to the Patent Assignment Abstract of Title provided by the Patent and Trademark Office ("PTO"), also enclosed herein, Panterra failed to notify the PTO of the name change. Therefore, attached you will also find a certified copy of the name change filed with the State of Connecticut.

A check in the amount of \$40.00 is also included for the assignment.

If you should need any other information to complete the assignment of Patent No. 668722 from Panterra to Bruce, please contact me as soon as possible at the direct dial number above.

Very truly yours,



Robyn C. Abbate

Enclosures  
cc: Joseph G. Fortner, Jr., Esq.  
Mr. Henry B. Mangum, Jr.

851255v.1

### 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)**

Michael J. Bruce

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

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

Name: Michael J. Bruce

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

Street Address: 3506 Bromley Woods Lane

City: Greensboro

State: NC

Country: USA Zip: 27410

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

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

Execution Date(s) \_\_\_\_\_

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)

6689722

Additional numbers attached?  Yes  No

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

Name: Joseph G. Fortner, Jr., Esq.

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

Street Address: Halloran & Sage LLP

225 Asylum Street

City: Hartford

State: CT Zip: 06103

Phone Number: (860) 522-6103

Fax Number: \_\_\_\_\_

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 \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number \_\_\_\_\_

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

**9. Signature:**

6/7/06

Signature

Date

Joseph G. Fortner, Jr.

Name of Person Signing

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

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

**CERTIFICATE OF AMENDMENT  
STOCK CORPORATION**

Office of the Secretary of the State  
30 Trinity Street / P.O. Box 150470 / Hartford, CT 06115-0470 / Rev. 07/01/2003

Space For Off... FILING #0002627588 PG 01 OF 02 VOL B-00603  
FILED 10/17/2003 08:30 AM PAGE 00455  
SECRETARY OF THE STATE  
CONNECTICUT SECRETARY OF THE STATE

**1. NAME OF CORPORATION**

Pantera, Inc.

**2. THE CERTIFICATE OF INCORPORATION IS (check A, B or C)**

**A. AMENDED**

**B. RESTATED**

**C. AMENDED AND RESTATED**

The restated certificate consolidates all amendments into a single document.

**3. TEXT OF EACH AMENDMENT / RESTATEMENT**

Be it resolved that the name of the present corporation:

Pantera, Inc.

be changed to:

PanTerra Technologies, Incorporated

(Please reference an 8 1/2 X 11 attachment if additional space is needed)

PATENT

REEL: 017931 FRAME: 0844

**4. VOTE INFORMATION (check A, B or C)**

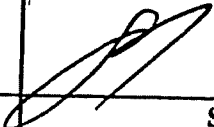
**A. The amendment was approved by shareholders in the manner required by sections 33-600 to 33-998 of the Connecticut General Statutes, and by the Certificate of Incorporation.**

**B. The amendment was approved by the incorporators.  
No shareholder approval was required.**

**C. The amendment was approved by the board of directors.  
No shareholder approval was required.**

**5. EXECUTION**

Dated this 6<sup>th</sup> day of October, 2003.

Samuel E. Slaiby	Secretary	
<b>Print or type name of signatory</b>	<b>Capacity of signatory</b>	<b>Signature</b>



United States Patent and Trademark Office

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## Assignments on the Web &gt; Patent Query

**Patent Assignment Abstract of Title**

***NOTE: Results display only for issued patents and published applications.  
For pending or abandoned applications please consult USPTO staff.***

**Total Assignments: 2****Patent #:** [6689722](#)    **Issue Dt:** 02/10/2004    **Application #:** 10176227    **Filing Dt:** 06/20/2002**Inventors:** David Peter Holst-Grubbe, Maurice Leroy Oyanadel**Title:** METHOD OF MANUFACTURING ENVIRONMENTALLY SAFE LUBRICATING COMPOSITION**Assignment: 1****Reel/Frame:** [013034/0683](#)**Recorded:** 06/20/2002**Pages:** 4**Conveyance:** ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).**Assignors:** [HOLST-GRUBBE, DAVID PETER](#)**Exec Dt:** 06/14/2002[OYANADEL, MAURICE LEROY](#)**Exec Dt:** 06/17/2002**Assignee:** [PANTERA, INC.](#)89 COMMERCIAL BLVD., P.O. BOX 1667  
TORRINGTON, CONNECTICUT 06790**Correspondent:** CARMODY & TORRANCE LLPJOHN L. CORDANI, ESQ.  
50 LEAVENWORTH STREET P.O. BOX 1110  
WATERBURY, CT 06721**Assignment: 2****Reel/Frame:** [014922/0483](#)**Recorded:** 01/23/2004**Pages:** 4**Conveyance:** SECURITY INTEREST (SEE DOCUMENT FOR DETAILS).**Assignor:** [PANTERRA TECHNOLOGIES, INCORPORATED](#)**Exec Dt:** 01/21/2004**Assignee:** [BRUCE, MICHAEL J.](#)3506 BROMLEY WOODS LANE  
GREENSBORO, NORTH CAROLINA 27410**Correspondent:** EDWARDS & ANGELL, LLPDAVID J. SILVIA  
P.O. BOX 9169  
BOSTON, MA 02209

Search Results as of: 07/07/2006 08:49 AM

If you have any comments or questions concerning the data displayed, contact OPR / Assignments at 571-272-3350

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6.130373

# STATE OF CONNECTICUT UCC-3 FINANCING STATEMENT AMENDMENT

Follow Instructions Carefully

Requesting Party	Cust ID <u>3377</u>	Space for filing office use only
Name	Joseph Fortner, Esq.	FILING #0002396603 PG 01 OF 03 VOL U-00337 FILED 06/01/2006 02:44 PM PAGE 01509 SECRETARY OF THE STATE CONNECTICUT SECRETARY OF THE STATE
Address	Halloran & Sage LLP 225 Asylum Street	
City	Hartford, CT 06103	
State		
Zip		

1. INITIAL FINANCING STATEMENT FILE #  
0002246566

2.  **TERMINATION:** Effectiveness of the Financing Statement identified above is terminated with respect to security interest(s) of the Secured Party authorizing this Termination Statement.

3.  **CONTINUATION:** Effectiveness of the Financing Statement identified above with respect to security interest(s) of the Secured Party authorizing this Continuation Statement is continued for the additional period provided by applicable law.

4.  **ASSIGNMENT (full or partial):** Give name of assignee in item 7a or 7b and address of assignee in item 7c; and also give name of assignor in item 9.

5. **AMENDMENT (PARTY INFORMATION):** This Amendment affects  Debtor or  Secured Party of record. Check Only one of these two boxes. Also check one of the following boxes and provide appropriate information in items 6 and/or 7.

**CHANGE** name and/or address; Give current record name in item 6a or 6b; also give new  **DELETE** name: Give record name  **ADD** name: Complete item 7a or 7b and also item 7c; name (if name change) in item 7a or 7b and/or new address (if address change) in item 7c to be deleted in item 6a or 6b. also complete items 7d-7g (if applicable).

6. **CURRENT RECORD INFORMATION**

OR	6a. ORGANIZATION'S NAME <u>PANTERRA TECHNOLOGIES, INCORPORATED</u>			
	6b. INDIVIDUAL'S LAST NAME	FIRST NAME	MIDDLE NAME	SUFFIX

7. **CHANGED (NEW) OR ADDED INFORMATION:**

OR	7a. ORGANIZATION'S NAME				
	7b. INDIVIDUAL'S LAST NAME <u>BRUCE</u>	FIRST NAME <u>MICHAEL</u>	MIDDLE NAME <u>J</u>	SUFFIX	
7c.	MAILING ADDRESS <u>3506 Bromley Woods Lane</u>	CITY <u>Greensboro</u>	STATE <u>NC</u>	POSTAL CODE <u>27410</u>	COUNTRY <u>U.S.A.</u>

7d.	TAX ID# EIN	ADD'L INFO RE ORGANIZATION DEBTOR	7e. TYPE OF ORGANIZATION	7f. JURISDICTION OF ORGANIZATION	7g. ORGANIZATIONAL ID #, OPTIONAL
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8. **AMENDMENT (COLLATERAL CHANGE):** check only one box.

Describe collateral  deleted or  added, or give entire  restated collateral description, or describe collateral  assigned

Such Collateral of the Debtor comprising the Intellectual Property of the Debtor as listed and attached hereto.

9. **NAME OF PARTY OF RECORD AUTHORIZING THIS AMENDMENT** (name of assignor, if this is an Assignment). If this is an Amendment authorized by a Debtor which adds collateral or adds the authorizing Debtor, or if this is a Termination authorized by a Debtor, check here  and enter name of Debtor authorizing this Amendment.

OR	9a. ORGANIZATION'S NAME <u>PANTERRA TECHNOLOGIES, INCORPORATED</u>			
	9b. INDIVIDUAL'S LAST NAME	FIRST NAME	MIDDLE NAME	SUFFIX

10. **OPTIONAL FILER REFERENCE DATA**

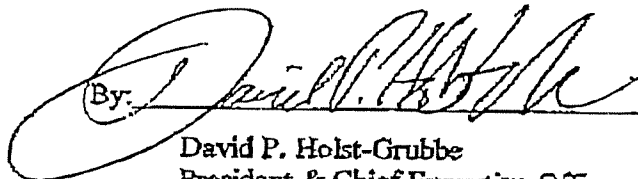


**ASSIGNMENT FOR  
SECURITY IN U.S. PATENTS**

FOR GOOD AND VALUABLE CONSIDERATION, the receipt and sufficiency of which are hereby acknowledged, **PANTERRA TECHNOLOGIES, INCORPORATED**, a Connecticut corporation with principal offices at 321 North Street, Goshen, Connecticut 06756, ("**Assignor**") hereby assigns and grants to **MICHAEL J. BRUCE**, an individual with his principal address at 3506 Bromley Woods Lane, Greensboro, North Carolina 27410 ("**Assignee**"), a security interest, to the extent granted in the Form UCC-1 Financing Statement and Annex set forth on Exhibit A hereto (the "**Security Interest**"), in, *inter alia*, all of the right, title and interest of the Assignor in and to the U.S. patents and patent applications set forth on Schedule A hereto (the "**Patents**") under their respective names, together with all Proceeds (as such term is defined in the Security Interest) and products of said Patents, and the right (but not the obligation) to sue for past, present and future infringements of such Patents.

This Assignment is made to secure the satisfactory performance of the obligations of the Assignor under that certain Note Purchase Agreement dated as of January 12, 2004 by and between Assignee and the Assignor, as the same may be amended, modified or supplemented from time to time (the "**Purchase Agreement**"), and that certain Secured Convertible Promissory Note dated as of January 12, 2004 (the "**Secured Note**") issued pursuant thereto. If the Security Interest shall terminate in accordance with the terms of the Purchase Agreement and the Secured Note, the Assignee shall, at the request and expense of the Assignor, upon such termination, execute and deliver to Assignor a proper instrument or instruments releasing the security interest in the Patents acquired under this Assignment.

PANTERRA TECHNOLOGIES, INCORPORATED

By: 

David P. Holst-Grubbe  
President & Chief Executive Officer

Duly Authorized

Dated as of January 12, 2004

Schedule A


UNITED STATES PATENT APPLICATIONS  
 OWNED BY PANTERRA TECHNOLOGIES, INCORPORATED

<i>Case</i>	<i>Serial No.</i>	<i>Filing Date</i>	<i>Status</i>
Environmentally Safe Lubricating Composition and Method of Manufacturing Same	10/176,227	06/20/2002	Allowed and pending issuance as patent with claims 12-24 directed to process only.
Environmentally Safe Lubricating Composition	10/439,136 (Div. of 10/176,227)	05/15/2003	Received filing receipt; preliminary amendment filed 08/12/2003 removing "and method of manu- facturing same" from title and adding new composition claims 25- 47 for examination; pending examination.
Environmentally Safe Lubricating Composition and Method of Manufacturing Same	PCT/US03/19 453	06/19/2003	Received filing receipt; Application filed with process claims 12-24 and new composition claims 25-47; pending examination.
Nano Particulate Matter and Method of Manufacturing Same	60/502,433	09/12/2003	Pending. Must file non-provisional by 09/12/2004 to claim priority.

STATE OF CONNECTICUT  
OFFICE OF THE SECRETARY OF THE STATE } SS. HARTFORD

I hereby certify that this is a true copy of record  
in this Office

In Testimony whereof, I have hereunto set my hand,  
and affixed the Seal of said State, at Hartford,  
this 14th day of June A.D. 2006

  
\_\_\_\_\_  
SECRETARY OF THE STATE