

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Robert S. Pfeiffer</td> <td>07/24/2007</td> </tr> <tr> <td>Glenn A. Ulrich</td> <td>07/24/2007</td> </tr> <tr> <td>Roland P. DeBruyn</td> <td>07/24/2007</td> </tr> <tr> <td>Gary Vanzin</td> <td>07/24/2007</td> </tr> </tbody> </table>		Name	Execution Date	Robert S. Pfeiffer	07/24/2007	Glenn A. Ulrich	07/24/2007	Roland P. DeBruyn	07/24/2007	Gary Vanzin	07/24/2007
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Robert S. Pfeiffer	07/24/2007										
Glenn A. Ulrich	07/24/2007										
Roland P. DeBruyn	07/24/2007										
Gary Vanzin	07/24/2007										
RECEIVING PARTY DATA											
Name:	LUCA Technologies, LLC										
Street Address:	500 Corporate Circle										
Internal Address:	Suite C										
City:	Golden										
State/Country:	COLORADO										
Postal Code:	80401										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11765902</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11765902						
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Application Number:	11765902										
CORRESPONDENCE DATA											
Fax Number:	(415)576-0300										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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ATTORNEY DOCKET NUMBER:	025792-001010US										
NAME OF SUBMITTER:	Eugene J. Bernard										

CH \$40.00 11765902

Total Attachments: 2

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ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Robert S. Pfeiffer of 5970 N. Belmont Way, Parker, CO 80134; Glenn A. Ulrich of 5091 Pine Ridge Drive, Golden, CO 80403; Roland P. DeBruyn of 3870 White Bay Drive, Highlands Ranch, CO 80126; and Gary Vanzin of 12134 W. 85th Avenue, Arvada, CO 80005, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: CHEMICAL AMENDMENTS FOR THE STIMULATION
 OF BIOGENIC GAS GENERATION IN DEPOSITS OF
 CARBONACEOUS MATERIAL

Date(s) of execution of Declaration:

Filing Date: June 20, 2007

Application No.: 11/765,902; and

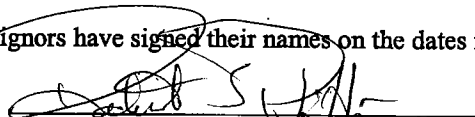
WHEREAS, LUCA Technologies, LLC, located at 500 Corporate Circle, Suite C, Golden, CO 80401, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.


Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 7/24/07


Robert S. Pfeiffer


Dated: 7/24/07


Glenn A. Ulrich

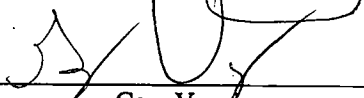
Assignment
Attorney Docket No.: 025792-001010US
Page 2

Dated: July 24, 2007

Dated: July 24, 2007



Roland P. DeBruyn



Gary Vanzin

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