

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Dennis S. Banasiak</td> <td>06/20/2011</td> </tr> <tr> <td>Cody J. Ellens</td> <td>06/20/2011</td> </tr> <tr> <td>Jared N. Brown</td> <td>06/20/2011</td> </tr> <tr> <td>Anthony J.S. Pollard</td> <td>06/20/2011</td> </tr> </tbody> </table>		Name	Execution Date	Dennis S. Banasiak	06/20/2011	Cody J. Ellens	06/20/2011	Jared N. Brown	06/20/2011	Anthony J.S. Pollard	06/20/2011
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Anthony J.S. Pollard	06/20/2011										
RECEIVING PARTY DATA											
Name:	Avello Bioenergy, Inc.										
Street Address:	666 Walnut										
Internal Address:	Suite 2116										
City:	Des Moines										
State/Country:	IOWA										
Postal Code:	50309										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13480207</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13480207						
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Application Number:	13480207										
CORRESPONDENCE DATA											
Fax Number:	(866)586-5349										
Phone:	952-472-9884										
Email:	RPO@oconnorcompanypllc.com										
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
Correspondent Name:	OConnor & Company										
Address Line 1:	P.O. Box 580										
Address Line 4:	Minnetrista, MINNESOTA 55364-0580										
ATTORNEY DOCKET NUMBER:	ABI-300-NPA										
NAME OF SUBMITTER:	Ryan P. O'Connor										
Total Attachments: 2 source=ABI-300-NPA_Assignments#page1.tif source=ABI-300-NPA_Assignments#page2.tif											

CH \$40.00 13480207

ASSIGNMENT

THIS ASSIGNMENT, by Dennis S. BANASIAK of 12515 Winston Ave., Urbandale, Iowa 50323; Cody J. ELLENS of 323 SE Springwood Dr., Ankeny, Iowa 50021; Jared N. BROWN of 2323 NW Cherry St., Ankeny, Iowa 50023; and Anthony J.S. POLLARD of 719 Douglas Avenue, Ames, Iowa 50010 (hereinafter referred to as the assignors, respectively) witnesseth:

WHEREAS, said assignors have invented certain new and useful inventions in "COMPOSITIONS, METHODS, APPARATUS, AND SYSTEMS FOR INCORPORATING BIO-DERIVED MATERIALS IN DRILLING AND HYDRAULIC FRACTURING," set forth in a provisional application in the United States Patent and Trademark Office, bearing patent application number 61/491,188, filed on May 28, 2011; and

WHEREAS, Avello Bioenergy, Inc., a corporation duly organized under and pursuant to the laws of Delaware and having its principal place of business at 666 Walnut, Suite 2116, Des Moines, Iowa 50309, together with its successors and assigns (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said provisional application and any application for Letters Patent claiming priority thereto or in any way arising therefrom, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

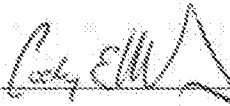
NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, provisional patent application and any other application for Letters Patent arising therefrom, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefore and thereon, and in and to any and all conversions, divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the treaties providing for the protection and/or facilitation of industrial property administered by the World Intellectual Property Organization, the same to be held and enjoyed by said assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

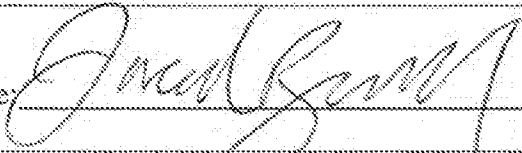
AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title, and interest in and to said inventions and the above-mentioned patent application, and that the same is unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, provisional patent application, or said further application for Letters Patent arising therefrom, or any proceeding in connection with any Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation, or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent for said inventions, without charge to said assignors, their successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue any said Letters Patent of the United States to said assignee as the assignee of said inventions and any Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

Dennis S. BANASIAK
Date: 6/20/11 Signature: 

Cody J. ELLENS
Date: 6/20/2011 Signature: 

Jared N. BROWN
Date: 6/20/11 Signature: 

Anthony J.S. POLLARD
Date: 6/20/11 Signature: 