

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Ziegler Coal Holding Company	09/30/2004
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ICG, LLC
<b>Street Address:</b>	2000 Ashland Drive
<b>City:</b>	Ashland
<b>State/Country:</b>	KENTUCKY
<b>Postal Code:</b>	41101
<b>PROPERTY NUMBERS Total: 5</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	5145236
Patent Number:	5242470
Patent Number:	5364421
Patent Number:	5219208
Patent Number:	4725991
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(212)755-7306
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	212-326-3939
<b>Email:</b>	aevieta@jonesday.com
<b>Correspondent Name:</b>	Amy Vieta
<b>Address Line 1:</b>	222 East 41st Street
<b>Address Line 4:</b>	New York, NEW YORK 10017
<b>NAME OF SUBMITTER:</b>	Amy Vieta
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## ASSIGNMENT

WHEREAS, **Ziegler Coal Holding Company**, a corporation duly organized and existing under the laws of the State of Delaware, having its principal office and place of business at 2000 Ashland Drive, Ashland, Kentucky 41101, United States of America, (hereinafter referred to as "ASSIGNEE"), is the owner of all right, title and interest in the inventions in the patents listed on Exhibit A hereto (the "Patents"); and

WHEREAS, any liens on or against the Patents, whether or not recorded with the United States Patent and Trademark Office, have been released by an Order entered on September 16, 2004, by the United States Bankruptcy Court for the Eastern District of Kentucky, Ashland Division, in the Chapter 11 proceeding styled *In Re: Horizon Natural Resources Company, et al.*, and

WHEREAS, ICG, LLC, a Delaware LLC, having its principal office and place of business at 2000 Ashland Drive, Ashland, Kentucky 41101 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the entire right, title and interest in said inventions and the Patents;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and legal sufficiency of which is hereby acknowledged, the ASSIGNOR, hereby sells, assigns, and transfers and sets over, and by these presents do hereby sell, assign, transfer and set over unto the ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under said inventions and the Patents, for the United States and for all foreign countries, including, but not limited to, any and all continuations, divisions, continuations-in-part, reissues, reexaminations, renewals, extensions or foreign equivalents thereof, and including, but not limited to, the subject matter of all claims that may be obtained therefrom; and also including, but not limited to, the right to recover damages for past, present or future infringement or other unauthorized use of the Patents or said inventions;

AND ASSIGNOR HEREBY authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

AND ASSIGNOR HEREBY covenants and agrees that it has full right to convey the entire interest herein assigned, and that it has not executed, and will not execute, any agreement in conflict herewith.

*[signature on following page]*

ZIEGLER COAL HOLDING  
COMPANY

By *D. Stuehl*  
Title \_\_\_\_\_

STATE OF New York )  
                                                  ) SS:  
COUNTY OF New York )

On this, the \_\_\_ day of \_\_\_\_\_, 200\_\_, before me, the undersigned Notary Public, personally appeared \_\_\_\_\_, \_\_\_\_\_ of \_\_\_\_\_, a corporation duly organized under the laws of the State of \_\_\_\_\_, and acknowledged to me that he/she, being authorized to do so, executed the foregoing instrument for the purposes therein contained by signing the name of the corporation by himself/herself as such officer.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal.

*Julian Entner*  
Notary Public

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JULIAN ENTNER  
NOTARY PUBLIC, State of New York  
No. 01EN6078424  
Qualified in Kings County  
Commission Expires July 29, 2006

**ZIEGLER COAL HOLDING  
COMPANY**

By *D. Stuckler*  
Title \_\_\_\_\_

STATE OF New York )  
 ) SS:  
COUNTY OF New York )

On this, the \_\_\_ day of \_\_\_\_\_, 200\_\_, before me, the undersigned Notary Public, personally appeared \_\_\_\_\_, \_\_\_\_\_ of \_\_\_\_\_, a corporation duly organized under the laws of the State of \_\_\_\_\_, and acknowledged to me that he/she, being authorized to do so, executed the foregoing instrument for the purposes therein contained by signing the name of the corporation by himself/herself as such officer.


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Notary Public

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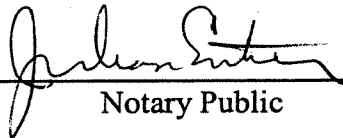
**ZIEGLER COAL HOLDING  
COMPANY**

By   
Title \_\_\_\_\_

STATE OF New York )  
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**EXHIBIT A**

<b>Owner</b>	<b>Patent Number</b>	<b>Issue Date</b>	<b>Country</b>	<b>Description</b>
Zeigler Coal Holding Company	5,145,236	09/08/92	U.S.	Method and Apparatus for Controlling Dust Produced by a Continuous Miner
Zeigler Coal Holding Company	5,242,470	09/07/93	U.S.	Pelletizing Coal on Coke with Starch Particles
Zeigler Coal Holding Company	5,364,421	11/15/94	U.S.	Coal Blends Having Improved Ash Viscosity
Zeigler Coal Holding Company	5,219,208	06/15/93	U.S.	Scrubber for Dispersing Dust Generated by Longwall Shearers
Zeigler Coal Holding Company	5,547,548	08/20/96	U.S.	Pyrolysis Process Water Utilization
Zeigler Coal Holding Company	5,730,069	03/24/98	U.S.	Lean Fuel Combustion Control Method
Zeigler Coal Holding Company	4,725,991	02/16/88	U.S.	Method for Controlling Blasting Operations

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