

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Virginia Polytechnic Institute and State University	10/22/2012
RECEIVING PARTY DATA	
Name:	Virginia Tech Intellectual Properties, Inc.
Street Address:	2200 Kraft Drive, Suite 1050
City:	Blacksburg
State/Country:	VIRGINIA
Postal Code:	24060
PROPERTY NUMBERS Total: 1	
Property Type	Number
PCT Number:	US1123161
CORRESPONDENCE DATA	
Fax Number:	5409515292
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	(540) 951-9374
Email:	vtippatents@vtip.org
Correspondent Name:	Virginia Tech Intellectual Properties
Address Line 1:	2200 Kraft Drive, Suite 1050
Address Line 4:	Blacksburg, VIRGINIA 24060
ATTORNEY DOCKET NUMBER:	VTIP 10-074 PCT
NAME OF SUBMITTER:	Mark S. Coburn
Total Attachments: 2 source=10-074 PCT Assign VT to VTIP#page1.tif source=10-074 PCT Assign VT to VTIP#page2.tif	

OP \$40.00 US1123161

ASSIGNMENT

WHEREAS, Virginia Polytechnic Institute and State University, (hereinafter referred to as ASSIGNOR), an institute of higher education organized under the laws of the Commonwealth of Virginia, having an office and principal place of business at 301 Burruss Hall, Blacksburg, Virginia, 24061, is the owner of the entire right, title and interest in and to application for United States Letters Patent, filed on 1/31/2011 as Application Serial No. PCT/US2011/023161, in the name(s) of Roe-Hoan Yoon, Mert Kerem Eraydin, Chad L. Freeland for Cleaning and Dewatering Fine Coal and of the invention therein described; and

WHEREAS, Virginia Tech Intellectual Properties, Inc. (hereinafter referred to as ASSIGNEE), a non-stock corporation organized under the laws of the Commonwealth of Virginia and having a principal place of business at 2200 Kraft Drive, Suite 1050, Blacksburg, Virginia, 24060, is desirous of acquiring the entire right, title and interest in, to and under said application and said invention and in, to and under Letters Patent or similar legal protection to be obtained therefore in the United States and in any and all foreign countries.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE, its lawful successors and assigns, the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries and any non-provisional applications to be obtained for said invention by said application or any continuation, division, continuation-in-part, reexamination, renewal, substitute, extension or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted; and authorize and request the Commissioner of Patents of the United States and any official of any foreign country whose duty it is to issue patents or legal equivalents thereto, to issue same for this invention to ASSIGNEE, its lawful successors and assigns.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue, enforce and defend said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

VTIP 10-074

Serial Number: PCT/US2011/023161

VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY

Martin Daniel

By: Martin Daniel
Associate Vice President for Research Operations

10.22.12

Date

County of Montgomery
Commonwealth of Virginia

The foregoing instrument was acknowledged before me this 22nd day of October, 2012
by Martin Daniel, Associate Vice President for Research Operations for Virginia Polytechnic
Institute and State University, a state agency of the Commonwealth of Virginia, on behalf of
the agency.

Shelly T. Key

Notary Public: Shelly T. Key

Notary Registration Number: 7038286

My Commission Expires: 08/31/2014

