

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| 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>Alan Andrew Ross</td> <td>08/01/2007</td> </tr> <tr> <td>Dave Kotloski</td> <td>08/01/2007</td> </tr> <tr> <td>Giovanni Occhipinti</td> <td>07/27/2007</td> </tr> </tbody> </table> | | Name | Execution Date | Alan Andrew Ross | 08/01/2007 | Dave Kotloski | 08/01/2007 | Giovanni Occhipinti | 07/27/2007 |
| Name | Execution Date | | | | | | | | |
| Alan Andrew Ross | 08/01/2007 | | | | | | | | |
| Dave Kotloski | 08/01/2007 | | | | | | | | |
| Giovanni Occhipinti | 07/27/2007 | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | |
| Name: | AMCOL International Corporation | | | | | | | | |
| Street Address: | One North Arlington | | | | | | | | |
| Internal Address: | 1500 West Shure Drive | | | | | | | | |
| City: | Arlington Heights | | | | | | | | |
| State/Country: | ILLINOIS | | | | | | | | |
| Postal Code: | 60004 | | | | | | | | |
| 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>11867460</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 11867460 | | | | |
| Property Type | Number | | | | | | | | |
| Application Number: | 11867460 | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | |
| Fax Number: | (312)474-0448 | | | | | | | | |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | | | | | | | | | |
| Phone: | 3124746300 | | | | | | | | |
| Email: | docket@marshallip.com | | | | | | | | |
| Correspondent Name: | Richard H. Anderson | | | | | | | | |
| Address Line 1: | 6300 Sears Tower | | | | | | | | |
| Address Line 2: | 233 South Wacker Drive | | | | | | | | |
| Address Line 4: | Chicago, ILLINOIS 60606 | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 28570/43033 | | | | | | | | |
| NAME OF SUBMITTER: | Richard H. Anderson | | | | | | | | |
| Total Attachments: 4 | | | | | | | | | |

CH \$40.00 11867460

500369816

**PATENT
 REEL: 019924 FRAME: 0460**

source=43033#page1.tif
source=43033#page2.tif
source=43033#page3.tif
source=43033#page4.tif

ASSIGNMENT

Serial No: 11/867,460
Filed: October 4, 2007
Title: COMPOSITION AND METHOD FOR THE SOLIDIFICATION OF TOXIC OR HAZARDOUS DRILLING AND AGRICULTURAL WASTE

For \$10.00 (Ten Dollars) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign to AMCOL International Corporation, One North Arlington, 1500 West Shure Drive, Arlington Heights, Illinois 60004 (hereinafter "Assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for letters patent of the United States, executed by the undersigned, and in said application and any and all other applications, both in the United States and in other countries, which the undersigned may file or be named as an inventor, either solely or jointly with others, on said invention or improvements, and in any and all letters patent of the United States and other countries, which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorize and request the Commissioner for Patents to issue said letters patent to said Assignee.

The undersigned hereby authorize and request that the attorneys of record in said application insert in this assignment the execution date and/or filing date and serial number of said application when officially known.

The undersigned warrant themselves to be the owners of the interest herein assigned and to have the right to make this assignment and further warrant that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned except in favor of Assignee.

For said consideration the undersigned hereby agree, upon the request and at the expense of said Assignee, its successors and assigns, to execute any and all applications on said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any letters patent that may be granted upon any and all of said applications, and any and all applications and other documents for letters patent in other countries on said invention or improvements, that said Assignee, its successors or assigns, may deem necessary or expedient, and for said consideration the undersigned further agree upon the request of said Assignee, its successors or assigns, in the event of any application or letters patent assigned herein becoming involved in Interference or Opposition, to cooperate to the best of the ability of the undersigned with said Assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said letters patent, both in the United States and in other countries, and vest all rights therein hereby conveyed in said Assignee, its successors and assigns, whereby said letters patent will be held and enjoyed by said Assignee, its successors and assigns, to the full end of the term for which said letters patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

WITNESS our hands this 1ST day of August, 2007.
State of Illinois
County of Cook Alan Andrew Ross
Alan Andrew Ross

On this 1ST day of August, 2007, before me, a
Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same
persons whose names are subscribed to the foregoing instrument, and acknowledged that they executed said
instrument as their free and voluntary act and for the uses and purposes therein expressed.
WITNESS my hand and seal the same day and year last above given.

My Commission Expires: 3/15/09 Terril Cardona
Notary Public



WITNESS our hands this 1st day of August, 2007.

State of Illinois
County of Cook

[Signature]
Dave Kotloski

On this 1st day of August, 2007, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same persons whose names are subscribed to the foregoing instrument, and acknowledged that they executed said instrument as their free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given.

My Commission Expires: 3/15/09

[Signature]
Notary Public



WITNESS our hands this

27th day of July, 2007.

State of Texas
County of Harris

Giovanni Occhipinti
Giovanni Occhipinti

On this 27th day of July, 2007, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same persons whose names are subscribed to the foregoing instrument, and acknowledged that they executed said instrument as their free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given.

My Commission Expires:

April 19, 2008 [Signature]
Notary Public

