## PATENT ASSIGNMENT

### SUBMISSION TYPE:

<table>
<thead>
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<th>CORRECTIVE ASSIGNMENT</th>
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<tr>
<td>Corrective Assignment to correct the assignor to AMCOL INTERNATIONAL CORPORATION previously recorded on Reel 026278 Frame 0978. Assignor(s) hereby confirms the assignment.</td>
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### NATURE OF CONVEYANCE: |

**CONVEYING PARTY DATA**

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<tr>
<th>Name</th>
<th>Execution Date</th>
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<tbody>
<tr>
<td>Ralph Spindler</td>
<td>03/09/2011</td>
</tr>
<tr>
<td>Gholam-Reza Vakili-Tahami</td>
<td>03/09/2011</td>
</tr>
<tr>
<td>Limin Liu</td>
<td>03/09/2011</td>
</tr>
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</table>

**RECEIVING PARTY DATA**

- **Name:** AMCOL International Corporation
- **Street Address:** 2870 Forbes Avenue
- **City:** Hoffman Estates
- **State/Country:** ILLINOIS
- **Postal Code:** 60192

**PROPERTY NUMBERS Total: 1**

<table>
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<tr>
<th>Property Type</th>
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<tr>
<td>Application Number</td>
<td>13062021</td>
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**CORRESPONDENCE DATA**

- **Fax Number:** (312)474-0448
- **Phone:** 3124746300
- **Email:** docket@marshallip.com
- **Correspondent Name:** Marshall Gerstein & Borun LLP
- **Address Line 1:** 233 S. Wacker Drive
- **Address Line 2:** Suite 6300
- **Address Line 4:** Chicago, ILLINOIS 60606

**ATTORNEY DOCKET NUMBER:** 99999/99999

**NAME OF SUBMITTER:** Karen Morfoot

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501543236

**PATENT**  
**REEL:** 026334 **FRAME:** 0161
**PATENT ASSIGNMENT**

**Electronic Version v1.1** 05/13/2011 501531150

**Stylesheet Version v1.1**

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<td>67056 Ludwigshafen</td>
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### CORRESPONDENCE DATA

- Fax Number: (312)474-0448
- Correspondence will be sent via US Mail when the fax attempt is unsuccessful
- Phone: (312) 474-6300
- Email: mlaff@marshallip.com
- Correspondent Name: Marshall, Gerstein & Borun LLP
- Address Line 1: 233 South Wacker Drive
- Address Line 2: 6300 Willis Tower
- Address Line 4: Chicago, ILLINOIS 60606-6357

### ATTORNEY DOCKET NUMBER:
28216/44201A

**NAME OF SUBMITTER:**
James J. Napoli

**Total Attachments: 4**
- source=DOC#page1.tif
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ASSIGNMENT

Serial No: 61/096,506 13/062,021
Filed: September 12, 2008 March 3, 2011
Title: Low pH Retinoid Topical Compositions

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, 2870 Forbes Avenue, Hoffman Estates, Illinois 60192 (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 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 my hand this 

9th day of March, 2011.

State of

Illinois

County of

Cook

Gholam-Reza Vakili-Tahami

On this 9th day of March, 2011, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he/she executed said instrument as his/her 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: 2/2/2015

Leslie A. Miljan

Notary Public

OFFICIAL SEAL

LESLEI A MILJAN
NOTARY PUBLIC - STATE: ILLINOIS
MY COMMISSION EXPIRES 02/02/15
ASSIGNMENT

Serial No: 61/096,506 13/062,021
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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 drawing 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 herein 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 my hand this __________ day of __________, ______.

State of ________________________________

County of ________________________________

Limin Liu

On this __________ day of __________, ______, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he/she executed said instrument as his/her 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: ________________________________

Notary Public

WITNESS my hand this 9th day of March, 2011.

State of IL

County of COOK

Ralph Spindler

On this 9th day of March, 2011, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he/she executed said instrument as his/her 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: 2/12/2015

Notary Public

OFFICIAL SEAL
LESLEE A MILIJAN
NOTARY PUBLIC - STATE OF ILLINOIS
MY COMMISSION EXPIRES 02/02/15
WITNESS my hand this 20th day of April, 2011.

State of IL

County of USA

Limin Liu

On this 20th day of April, 2011, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he/she executed said instrument as his/her 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:

2/2/2015 Leslie A. Mar
Notary Public

State of 

County of 

Ralph Spindler

On this day of , , before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he/she executed said instrument as his/her 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: Notary Public