

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Tracy A. Torno</td><td>01/19/2009</td></tr><tr><td>Candice Stalker</td><td>01/19/2009</td></tr><tr><td>Maria Adriana Sousa-Ragle</td><td>01/19/2009</td></tr><tr><td>Todd Coleman</td><td>01/19/2009</td></tr><tr><td>Ronnie Hampton</td><td>01/19/2009</td></tr></tbody></table>	Name	Execution Date	Tracy A. Torno	01/19/2009	Candice Stalker	01/19/2009	Maria Adriana Sousa-Ragle	01/19/2009	Todd Coleman	01/19/2009	Ronnie Hampton	01/19/2009	
Name	Execution Date												
Tracy A. Torno	01/19/2009												
Candice Stalker	01/19/2009												
Maria Adriana Sousa-Ragle	01/19/2009												
Todd Coleman	01/19/2009												
Ronnie Hampton	01/19/2009												
RECEIVING PARTY DATA													
Name:	FutureFuel Chemical Company												
Street Address:	8235 Forsyth												
Internal Address:	4th Floor												
City:	Clayton												
State/Country:	MISSOURI												
Postal Code:	63105												
PROPERTY NUMBERS Total: 1													
<table><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12266368</td></tr></tbody></table>	Property Type	Number	Application Number:	12266368									
Property Type	Number												
Application Number:	12266368												
CORRESPONDENCE DATA													
Fax Number: (314)612-1301 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone: 314-444-7783													
Email: ipdept@lewisrice.com													
Correspondent Name: Kirk A. Damman													
Address Line 1: 500 N. Broadway, Suite 2000													
Address Line 2: Lewis, Rice & Fingersh, L.C., Box IP													
Address Line 4: St. Louis, MISSOURI 63102													
ATTORNEY DOCKET NUMBER:	121/1583US												

OP \$40.00 12266368

500758948

PATENT
REEL: 022132 FRAME: 0640

NAME OF SUBMITTER:

Kirk Damman

Total Attachments: 5

source=PatentRecordForm#page1.tif

source=PatentRecordForm#page2.tif

source=PatentRecordForm#page3.tif

source=PatentRecordForm#page4.tif

source=PatentRecordForm#page5.tif

RECORDATION FORM COVER SHEET
PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Tracy A. Torno, Candice Stalker, Maria Adriana Sousa-Ragle, Todd Coleman, and Ronnie Hampton

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) January 19, 2009

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: FutureFuel Chemical Company

Internal Address: 4th Floor

Street Address: 8235 Forsyth

City: Clayton

State: Missouri

Country: U.S.A. Zip: 63105

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

12/266,368

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Kirk A. Damman

Internal Address: Lewis, Rice & Fingersh, L.C.

Box IP Department

Street Address: 500 N. Broadway, Suite 2000

City: St. Louis

State: Missouri Zip: 63102

Phone Number: 314-444-7783

Fax Number: 314-612-1301

Email Address: ipdept@lewisrice.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number _____

Authorized User Name _____

9. Signature:


Signature

21 January 2009

Date

Kirk A. Damman

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

5

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT
REEL: 022132 FRAME: 0642

ASSIGNMENT

WHEREAS, WE, TRACY A. TORNO, whose address is 17 Big Pine, Batesville, Arkansas 71501, a citizen of the United States; CANDICE STALKER, whose address is 255 Cedarwood, Batesville, Arkansas 72501, a citizen of the United States; MARIA ADRIANA SOUSA-RAGLE, whose address is 841 N. Main Street, Sulphur Rock, Arkansas 72579, a citizen of Portugal; TODD COLEMAN, whose address is 19 Melissa, Batesville, Arkansas, 72501, a citizen of the United States, and RONNIE HAMPTON, whose address is 409 Quail Valley Drive, Batesville, Arkansas 72501, a citizen of the United States (hereinafter "ASSIGNORS"), have invented the **DIAMINIUM BIS-3,5-DICARBOXYBENZENSULFONATE AND TRI-DIAMINIUM BIS-3,5-DICARBOXYBENZENSULFONATE AND METHODS FOR PRODUCING SAME**, filed with the United States Patent Office as Utility Patent Application No. 12/266,368, filed November 6, 2008;

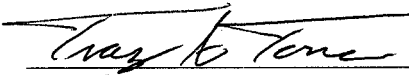
AND, FUTUREFUEL CHEMICAL COMPANY, a Delaware corporation, with an office located at 8235 Forsyth, 4th Floor, Clayton, MO 63105 (hereinafter "ASSIGNEE"), is desirous of acquiring the entire rights, title and interest in and to said invention and all patent rights therefore;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we, said ASSIGNORS, do hereby sell, assign, transfer and set over unto said ASSIGNEE, the entire rights, title and interest in and to said invention, and in and to all Letters Patent and patent rights which may be granted or issued for said invention, in the United States and all foreign countries, and any reissue, reexamination, continuation, continuation-in-part, division, or extension thereof, the same to be held and enjoyed by said ASSIGNEE, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this Assignment and sale had not been made; and we agree to execute such further applications, powers of attorney, assignments and other documents as may be necessary or desirable to effectuate this Agreement.

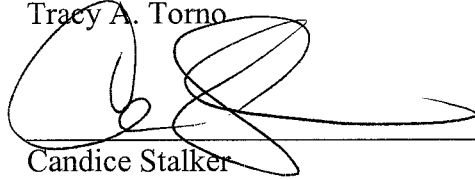
AND WE DO HEREBY authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent, when granted, to the said ASSIGNEE, its successors and assigns, as assignees of the entire right, title and interest in and to said invention, for the sole use and behoof of said ASSIGNEE, and for its successors and assigns, to the full ends of the terms for which Letters Patent may be granted.

AND WE further grant to ASSIGNEE, its successors and assigns, the right to claim for any application for patent for said invention the full benefit of any international agreement between the United States and any foreign country or countries.

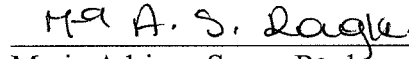
Date: 1/19/09


Tracy A. Torno

Date: 1/19/09


Candice Stalker

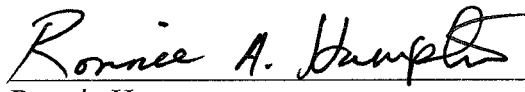
Date: 1/19/09


Maria Adriana Sousa-Ragle

Date: 1/19/09


Todd Coleman

Date: 1/19/09


Ronnie Hampton

STATE OF Arkansas)
) SS.
 COUNTY OF Independence)

On this 19th day of January, ²⁰⁰⁹~~2008~~, before me, a Notary Public, personally appeared TRACY A. TORNO, to me known to be the person named in and who executed the above Assignment, and acknowledged to me that she executed the same for the uses and purposes therein mentioned, as her own free act and deed.

Judy Fraser
 Notary Public

My Commission Expires: 5/3/13

STATE OF Arkansas)
) SS.
 COUNTY OF Independence)

On this 19th day of January, ²⁰⁰⁹~~2008~~, before me, a Notary Public, personally appeared CANDICE STALKER, to me known to be the person named in and who executed the above Assignment, and acknowledged to me that she executed the same for the uses and purposes therein mentioned, as her own free act and deed.

Judy Fraser
 Notary Public

My Commission Expires: 5/3/13

STATE OF Arkansas)
) SS.
 COUNTY OF Independence)

On this 19th day of January, ²⁰⁰⁹~~2008~~, before me, a Notary Public, personally appeared MARIA ADRIANA SOUSA-RAGLE, to me known to be the person named in and who executed the above Assignment, and acknowledged to me that she executed the same for the uses and purposes therein mentioned, as her own free act and deed.

Judy Fraser
 Notary Public

My Commission Expires: 5/3/13

STATE OF Arkansas)
COUNTY OF Independence) SS.

On this 19th day of January, ²⁰⁰⁹~~2008~~, before me, a Notary Public, personally appeared TODD COLEMAN, to me known to be the person named in and who executed the above Assignment, and acknowledged to me that he executed the same for the uses and purposes therein mentioned, as his own free act and deed.

Judy B. Fraser
Notary Public

My Commission Expires: 5/3/13

STATE OF Arkansas)
COUNTY OF Independence) SS.

On this 19th day of January, ²⁰⁰⁹~~2008~~, before me, a Notary Public, personally appeared RONNIE HAMPTON, to me known to be the person named in and who executed the above Assignment, and acknowledged to me that he executed the same for the uses and purposes therein mentioned, as his own free act and deed.

Judy B. Fraser
Notary Public

My Commission Expires: 5/3/13

