|   | Docket No.: ZE-7212   |
|---|---|
| FORM PTO-1595 (Modit.ed) 07 - 02 - 200  | HEET U.S. DEPARTMENT OF COMMERCE  |
| (Rev. 03-01)<br>OMB No. 0651-0027 (exp.5/31/2002)<br>P08/REV03  | Patent and Trademark Office   |
| <i>Tab settings</i> → → ▼ 10214234  | 9 ▼ ▼   |
| To the Honorable Commissioner of Patents and Tracemarks:  |   |
| 1. Name of conveying party(ies): Joseph E. Coury Wylie A. Barrow Yongzhuo Su George W. Cook, Jr. Robert F. Pierpoline | Name and address of receiving party(ies):     Name: ALBEMARLE CORPORATION  Internal Address:                    |
| Additional names(s) of conveying party(ies)   |   |
| 3. Nature of conveyance:  |   |
| ☑ Assignment  | Street Address: 330 South Fourth Street   |
| ☐ Security Agreement ☐ Change of Name   |   |
| ☐ Other   | City: Richmond State: VA ZIP: 23219   |
| November 1, 2000; November 2, 2000; November 2, 2000; November 1, 2000; November 1, 2000; November 2, 2000            | Additional name(s) & address(es) attached?   Yes   No   |
| 4. Application number(s) or patent numbers(s):  |   |
| If this document is being filed together with a new application,  | the execution date of the application is:   |
|   | B. Patent No.(s)  |
| A. Patent Application No.(s)  | D. Faterit 140.(3)  |
| 09/657,830  |   |
|   |   |
| Additional numbers attac  | hed? ☐ Yes ☒ No   |
| 5. Name and address of party to whom correspondence concerning document should be mailed:                             | 6. Total number of applications and patents involved:   |
| Name: PHILIP M. PIPPENGER   | 7. Total fee (37 CFR 3.41):\$ 40.00   |
| Internal Address: Albemarle Corporation   | <ul> <li>Enclosed - Any excess or insufficiency should be<br/>credited or debited to deposit account</li> </ul> |
| Law Department  | ☑ Authorized to be charged to deposit account   |
| 451 Florida Street  | 8. Deposit account number:  |
| Street Address: 451 Florida Street  | 01-0659 (Order No. 02-083)  |
| 0//01/2002 191821 0000000   | (Attach duplicate copy of this page if paying by deposit account)   |
| City: Baton Rouge State: LA ZIA. 70001  | USE THIS SPACE  |
|   |   |
| 9 Statement and signature.  To the best of my knowledge and belief, the foregoing inform of the original document.    | nation is true and correct and any attached copy is a true copy   |
| EDGAR E. SPIELMAN, JR.  | Date  |
| Name of Person Signing  Total number of pages including cover   | Signature 1.4   |
| Total number of pages including cover   | vith required cover sheet information to:   |

Mail documents to be recorded with required cover sheet information Commissioner of Patents & Trademarks, Box Assignments

Washington D.C. 20224

## ASSIGNMENT

Serial No. 09/657,830 Filed: September 8, 2000 Case No.: ZE-7212

We, JOSEPH E. COURY, a citizen of the United States of America, residing in the County of Galveston, State of Texas, at 1410 Blueberry Lane, Friendswood, Texas 77546; WYLIE A. BARROW, a citizen of the United States of America, residing in the County of Fort Bend, State of Texas, at 4730 Andover Street, Sugarland, Texas 77479-3943; YONGZHUO SU, a citizen of China, residing in the County of Harris, State of Texas, at 15711 Hillside Falls Trail, Houston, Texas 77062; GEORGE W. COOK, JR., a citizen of the United States of America, residing in the County of Harris, State of Texas, 4826 Baywood Drive, Pasadena, Texas 77505; and ROBERT F. PIERPOLINE, a citizen of the United States of America, residing in the County of Harris, State of Texas, at 4402 Village Corner Drive, Houston, Texas 77059 have made at least one invention, improvement or discovery described in the patent application having the above designated case number, entitled

## SYNTHESIS OF ALUMINOSILICATES VIA COFEEDING AN ALKALI METAL ALUMINATE AND SODIUM SILICATE AND COFEEDING APPARATUS THEREFOR

and for which invention, improvement or discovery we have filed application for Letters Patent of the United States of America.

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, we hereby transfer, set over and assign to

## ALBEMARLE CORPORATION

a Virginia Corporation, having a place of business at Baton Rouge, Louisiana, its successors and assigns, our entire right, title and interest in, to and under said application for Letters Patent and all inventions, improvements and discoveries, whether joint or sole, disclosed therein, and the resultant patent or patents thereon and any renewals, reissues, extensions, substitutions, continuations, or divisions thereof, including all priority rights arising in other countries from said application and all foreign rights in and to said inventions, improvements and discoveries.

We further agree to execute such further papers, and perform such other proper acts as said Corporation may deem necessary to secure to said Corporation the rights herein conveyed; and we hereby authorize the insertion into this Assignment of the serial number and filing date of said application.

Inventor

JOSEPH E. COURY

Inventor:

YYLIE A. BARROY

Inventor:

YONGZHUO SU

Inventor:

GEORGE W. COOK, JR

Inventor:

ROBERT F. PIERPOLINE

| STATE OF TEXAS COUNTY OF Hairis   |
|---|
| On this day of, 2000, personally appeared before me, Joseph E. Coury, to me known to be the person named in and who executed the above instrument in my presence, and who acknowledged that he executed the same of his own free will for the uses and purposes herein mentioned.   |
| (Notarial Seal)  MARTHA HURTADO Notary Public, State of Texas My Commission Expires JUNE 24, 2002  Notary Public  |
| STATE OF TEXAS COUNTY OF HARRIS   |
| On this day of  |
| (Notarial Seal)  MARTHA HURTADO  Notary Public, State of Texas  My Commission Expires  JUNE 24, 2002  MARTHA HURTADO  Notary Public   |
| STATE OF TEXAS COUNTY OF  |
| On this day of  |
| (Notarial Seal)  MARTHA HURTADO Notary Public, State of Texas Hy Commission Expires JUNE 24, 2002  Notary Public  |
| STATE OF TEXAS COUNTY OF Harris   |
| On this \( \sum \) day of \( \sum \) day of \( \sum \) copy \( \text{ber} \), 2000, personally appeared before me, George W. Cook, Jr., to me known to be the person named in and who executed the above instrument in my presence, and who acknowledged that he executed the same of his own free will for the uses and purposes herein mentioned. |
| (Notarial Seal)  Math Hutuste  Notary Public  |
| MARTHA HURTADO Notary Public, State of Texas My Commission Expires JUNE 24, 2002 Page 2 of 3  |

Page 2 of 3

On this  $\frac{2}{NNRNE}$  day of  $\frac{NNRNE}{NNRNE}$ , 2000, personally appeared before me, Robert f. Pierpoline, to me known to be the person named in and who executed the above instrument in my presence, and who acknowledged that he executed the same of his own free will for the uses and purposes herein mentioned.

(Notarial Seal)



Notary Public

Page 3 of 3

**RECORDED: 06/24/2002**