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FORM PTO-1595 (Modified)
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HEET

U.S. DEPARTMENT OF COMMERCE
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Tab settings

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Bonnie G. McKinnie
Alvin E. Harkins, Jr.
Robert M. Moore, Jr.
9.9.02
Additional names(s) of conveying party(ies) Yes No

2. Name and address of receiving party(ies):
Name: **ALBEMARLE CORPORATION**
Internal Address:
Street Address: **330 South Fourth Street**
City: **Richmond** State: **VA** ZIP: **23219**
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date: **March 5, 14 and 14, 2001, respectively.**

4. Application number(s) or registration numbers(s):
If this document is being filed together with a new application, the execution date of the application is:
A. Patent Application No.(s)
09/732,601
Additional numbers attached? Yes No

B. Patent No.(s)
OFFICE OF COMMERCIAL RECORDS
2002 SEP - 9 AM 11:14
FINANCE SECTION

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: **Philip M. Pippenger**
Internal Address: **Albemarle Corporation**
Law Department
Street Address: **451 Florida Street**
City: **Baton Rouge** State: **LA** ZIP: **70801**

6. Total number of applications and patents involved: **1**
7. Total fee (37 CFR 3.41):.....\$ **40.00**
 Enclosed - Any excess or insufficiency should be credited or debited to deposit account
 Authorized to be charged to deposit account
8. Deposit account number:
01-0659 (Order No. 134)

DO NOT USE THIS SPACE

9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.
Edgar E. Spielman, Jr., Reg. No. 25,929 *[Signature]* **September 4, 2002**
Name of Person Signing Signature Date
Total number of pages including cover sheet, attachments, and document: **3**

09/13/2002 6TON11 00000004 010659 09732601
01 FC:581 40.00 CH

ASSIGNMENT

Serial No. 09/732,601

Filed: December 7, 2000

Case No. SU-7073-K

We, BONNIE G. McKINNIE, a citizen of the United States of America, residing in the County of Columbia, State of Arkansas, at 261 Columbia 10 W, Magnolia, Arkansas 71753; ALVIN E. HARKINS, JR., a citizen of the United States of America, residing in the Parish of East Baton Rouge, State of Louisiana, at 1636 Applewood Road, Baton Rouge, Louisiana 70808; and ROBERT M. MOORE, JR., a citizen of the United States of America, residing in the Parish of East Baton Rouge, State of Louisiana, at 6152 Belle Grove Drive, Baton Rouge, Louisiana 70820, have made at least one invention, improvement or discovery described in patent application papers having the above designated case number, entitled

CONCENTRATED AQUEOUS BROMINE SOLUTIONS AND THEIR PREPARATION

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 corporation duly organized and existing under the laws of Virginia, and having a place of business at Baton Rouge, Louisiana, and 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 Bonnie G. McKinnie
BONNIE G. McKINNIE

Inventor Alvin E. Harkins, Jr.
ALVIN E. HARKINS, JR.

Inventor Robert M. Moore Jr.
ROBERT M. MOORE, JR.

UNITED STATES OF AMERICA
COUNTY OF Columbia

On this 5th day of March 2001, personally appeared before me BONNIE G. McKINNIE to me known to be the person named in and who executed the above instrument in my presence, who acknowledged that he executed the same of his own free will for the uses and purposes herein mentioned.

Marjorie Compton
Notary Public

(Notarial Seal)

UNITED STATE OF AMERICA
PARISH OF EAST BATON ROUGE

On this 17th day of March 2001 personally appeared before me ALVIN E. HARKINS, JR. to me known to be the person named in and who executed the above instrument in my presence, who acknowledged that he executed the same of his own free will for the uses and purposes herein mentioned.

[Signature]
Notary Public

(Notarial Seal)

UNITED STATE OF AMERICA
PARISH OF EAST BATON ROUGE

On this 14th day of March 2001, personally appeared before me ROBERT M. MOORE, JR. to me known to be the person named in and who executed the above instrument in my presence, who acknowledged that he executed the same of his own free will for the uses and purposes herein mentioned.

[Signature]
Notary Public

(Notarial Seal)