

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
William J. Layman Jr.	04/04/2008
Arthur G. Mack	04/28/2008
Techen Tsao	04/04/2008
Jeffrey T. Aplin	04/08/2008
Hoover Chew	03/27/2008

RECEIVING PARTY DATA

Name:	Albemarle Corporation
Street Address:	451 Florida Street
City:	Baton Rouge
State/Country:	LOUISIANA
Postal Code:	70801

PROPERTY NUMBERS Total: 1

Property Type	Number
PCT Number:	US0857402

CORRESPONDENCE DATA

Fax Number: (225)388-7239
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: 225-388-8191
Email: dawn_ray@albemarle.com
Correspondent Name: Jeremy J. Kliebert
Address Line 1: 451 Florida Street
Address Line 4: Baton Rouge, LOUISIANA 70801

ATTORNEY DOCKET NUMBER:

F3-7702 PCT

NAME OF SUBMITTER:

Dawn M. Ray

PATENT

500525543

REEL: 020869 FRAME: 0476

CH \$40.00 US0857402

Total Attachments: 6

source=PCT.ExecutedAssignment#page1.tif

source=PCT.ExecutedAssignment#page2.tif

source=PCT.ExecutedAssignment#page3.tif

source=PCT.ExecutedAssignment#page4.tif

source=PCT.ExecutedAssignment#page5.tif

source=PCT.ExecutedAssignment#page6.tif

PATENT

REEL: 020869 FRAME: 0477

ASSIGNMENT

Application Number: PCT/US08/57402

Filing Date: 19 March 2008

Attorney Docket Number: F3-7702 PCT

I/We, William J. LAYMAN, JR., residing at 3265 White Shadows Drive, Baton Rouge, Louisiana 70816; Arthur G. MACK, residing at 37234 Lakeshore Avenue, Prairieville, Louisiana 70769; Techen TSAO, residing at 2820 Magazine Drive, Baton Rouge, Louisiana 70816; Jeffrey T. APLIN, residing at 104 Crimson Oak Drive, Lexington, South Carolina 29072; and Hoover CHEW, residing at 37373 Ski Side Avenue, Prairieville, Louisiana 70769, have made at least one invention, improvement or discovery described in a patent application naming me/us as inventor(s), having the above-designated Attorney Docket Number, and entitled:

**USE OF LOW TRIPHENYLPHOSPHATE, HIGH PHOSPHOROUS CONTENT
ISOPROPYL PHENYL PHOSPHATES AS FLAME RETARDANTS IN
POLYURETHANE OR POLYISOCYANURATE FOAMS**

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, I/we hereby assign, transfer and set over unto Albemarle Corporation, a Virginia Corporation, having a place of business at 451 Florida Street, Baton Rouge, Louisiana 70801, its successors and assigns, my/our entire right, title and interest in and to said patent application and all inventions, improvements and discoveries described therein and to any and all other patent applications derived totally or in part from said patent application, be they provisional or non-provisional applications, divisional applications, continuation applications or continuation-in-part applications and to any and all patents, reissues, reexaminations and extensions from any of the foregoing applications that are issued, granted or validated by any patent office, including, but not limited to the United States Patent and Trademark Office, any regional patent office and/or any patent office of any country foreign to the United States and to any priority rights available from any of the foregoing; and I/we authorize and request the issuing authority to issue any and all patents on said application or applications to Albemarle Corporation, its successors or assigns.

I/we agree to execute such further papers, and perform such other proper acts as Albemarle Corporation, its successors or assigns may deem necessary to secure to them the rights herein conveyed.

I/we hereby authorize the insertion into this Assignment of the Application number and filing date of the above-identified patent application.

Attorney Docket Number: F3-7702 PCT

Witnesses: _____
Signature: Tina G. Matz
Printed Name: Tina G. Matz

Inventor: _____
Signature: William J. Layman, Jr.
Printed Name: WILLIAM J. LAYMAN, JR.

Signature: Dawn Margaret Ray, Notary Public
 Printed Name: Dawn Margaret Ray
 Notary ID Number 67453
 My commission expires: at death

ASSIGNMENT

Attorney Docket Number: F3-7702 PCT

Witnesses:

Signature: Cynthia M. Farr
Printed Name: Cynthia M. Farr

Signature: Tina B. Matz
Printed Name: Tina B. Matz

Inventor:

Signature: [Signature]
Printed Name: ARTHUR G. MACK

STATE OF LOUISIANA }
 } ss.
PARISH OF EAST BATON ROUGE }

On this 28 day of April, 2008, personally appeared before me ARTHUR G. MACK known by me to be the person named in and who executed the above instrument in my presence and the presence of the above witnesses, and who acknowledged that he executed the same of his own free will for the purposes herein recited.

Signature: Dawn Margaret Ray, Notary Public
Printed Name: Dawn Margaret Ray
Notary ID Number 674530
My commission expires: at my death

Attorney Docket Number: F3-7702 PCT

Signature: Margaret Wendt
Printed Name: Margaret Wendt

Signature: TECHEN TSAO
Printed Name: TECHEN TSAO

Signature: Dawn Margaret Ray, Notary Public
Printed Name: Dawn Margaret Ray
Notary ID Number 67453
My commission expires: at death

ASSIGNMENT

Attorney Docket Number: F3-7702 PCT

Witnesses:

Signature: Melissa Temple
Printed Name: Melissa Temple

Signature: Kyle Bodine
Printed Name: Kyle Bodine

Inventor:

Signature: Jeffrey T. Aplin
Printed Name: JEFFREY T. APLIN

STATE OF SOUTH CAROLINA }
 } ss.
COUNTY OF ORANGEBURG }

On this 6 day of APRIL, 2008 personally appeared before me JEFFREY T. APLIN known by me to be the person named in and who executed the above instrument in my presence and the presence of the above witnesses, and who acknowledged that he executed the same of his own free will for the purposes herein recited.

Signature: Ramsey K. Hawkins, Notary Public
Printed Name: RAMSEY K. HAWKINS
Notary ID Number _____
My commission expires: 02-01-2016

Attorney Docket Number: F3-7702 PCT

Signature: Tina B. Matz
Printed Name: Tina B. Matz

Signature: Margaret Werrell
Printed Name: Margaret Werrell

Signature: Hooover Chew
Printed Name: HOOVER CHEW

STATE OF LOUISIANA }
PARISH OF EAST BATON ROUGE }

} ss.

Signature: Dawn Margaret Ray, Notary Public
 Printed Name: Dawn Margaret Ray
 Notary ID Number 67453
 My commission expires: at death