

07-07-2005



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103035504

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

50-50-70

**1. Name of conveying party(ies)**

Janet Boggs  
Stephan M. Brandstadter  
John Chien  
Edward Norman

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

**2. Name and address of receiving party(ies)**

Name: PCBU Services, Inc.

Internal Address: \_\_\_\_\_

Street Address: 300 Delaware Avenue, Suite 1269

City: Wilmington

State: DE

Country: USA Zip: 19801

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

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

Execution Date(s) May 3, 9, 12 and 24, 2005

- Assignment  Merger
- Security Agreement  Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other \_\_\_\_\_

**4. Application or patent number(s):**

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

PCT\US05\03138

Additional numbers attached?  Yes  No

OPR/FINANCE  
JUL -5 AM 11:23

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

Name: Robert C. Hyta

Internal Address: Wells St. John P.S.

Street Address: 601 W. First Avenue, Suite 1300

City: Spokane

State: WA Zip: 99201

Phone Number: (509) 624-4276

Fax Number: (509) 838-3424

Email Address: bhyta@wellsstjohn.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 by credit card
- Authorized to be charged to deposit account
- Enclosed (Check No. 146902)
- None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 23-0925 Deficiencies

Authorized User Name Robert C. Hyta

**9. Signature:**

Signature

6/24/05  
Date

07/06/2005 DBYRNE 00000183 PCT/US05/03138

01 FC:802

40.00 OP  
Robert C. Hyta

Name of Person Signing

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

14

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

EV550718742

PATENT

REEL: 016741 FRAME: 0708

RECORDATION FORM COVER SHEET, CON'T.

1. Name of conveying party(ies), Con't.

Robert Kaufman  
Victoria Hedrick  
Andrew Jackson  
Gregory Leman  
Vimal Sharma  
E. Bradley Edwards

**EV550718742**

**PATENT**

**REEL: 016741 FRAME: 0709**

## ASSIGNMENT

### PARTIES TO THE ASSIGNMENT:

#### INVENTORS:

Janet Boggs	Victoria Hedrick
Stephan M. Brandstadter	Andrew Jackson
John Chien	Gregory Leman
Edward Norman	Vimal Sharma
Robert Kaufman	E. Bradley Edwards

#### ASSIGNEE:

PCBU Services, Inc.  
300 Delaware Ave., Suite 1269  
Wilmington, DE 18901

### BACKGROUND OF THIS ASSIGNMENT:

Inventors have conceived certain new and useful inventions disclosed in PCT patent application PCT/US05/03138, January 28, 2005, titled "Production Processes and Systems, Compositions, Surfactants, Monomer Units, Metal Complexes, Phosphate Esters, Glycols, Aqueous Film Forming Foams, and Foam Stabilizers".

### THE PARTIES AGREE AS FOLLOWS:

In consideration of good and valuable consideration, the receipt, sufficiency and adequacy of which is hereby acknowledged, INVENTORS have sold, assigned and transferred, and by these presents do hereby sell, assign and transfer to ASSIGNEE the entire right, title and interest in the above-identified

inventions and application and to any reissues, renewals, divisions or continuations of the application thereof, and hereby authorizes the Commissioner of Patents and Trademarks to issue such Letters Patent to ASSIGNEE for the sole use of ASSIGNEE, its successors or assigns.

INVENTORS further agree to execute, at the request and expense of ASSIGNEE such other formal documents as may be required to fully convey the interest transferred herein and will similarly execute any application papers required for the filing of any division, continuation, renewal or reissue of the patent application or resulting Letters Patent; and will generally do everything necessary or desirable to obtain and enforce proper protection for the inventions assigned hereby.

INVENTORS further assign to ASSIGNEE the whole right, title and interest in the inventions disclosed in the application throughout all countries foreign to the United States. ASSIGNEE is hereby authorized to apply for patents relating to the inventions in its own name in countries where such procedure is proper; to claim the benefit of the International Convention; to file and prosecute International Applications relating to the inventions under the Patent Cooperation Treaty; and to file and prosecute applications relating to the inventions under the European Patent Convention. INVENTORS agree to execute applications relating to the inventions in those countries and under those conventions where it is necessary that the same be executed by the inventor, and to execute assignments of such applications and the resulting Letters Patent to ASSIGNEE as well as all other necessary papers in relation to such applications and the

resulting Letters Patent to ASSIGNEE as well as all other necessary papers in relation to such applications and Letters Patent. INVENTORS hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country as proof of the right of ASSIGNEE to apply for patent and other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

To be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Dated: \_\_\_\_\_ Signature: Janet Boggs  
Janet Boggs

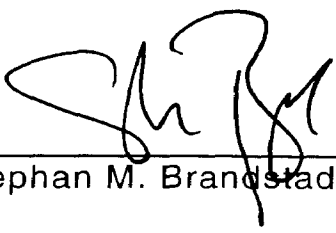
State of Indiana )  
County of Tippecanoe ) ss.

BEFORE ME, this 3rd day of May, 2005, personally appeared the above-named inventor, known to me to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he/she executed the same of his/her own free will for the purpose therein expressed.

SEAL

Chris D. Japp  
Notary or Consular Officer  
My Commission Expires: March 20, 2007

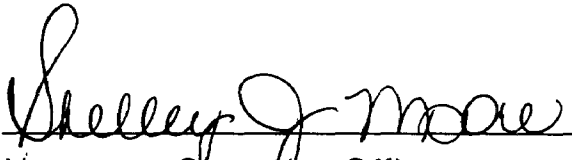
Dated: 5-9-05

Signature:   
Stephan M. Brandstadter

State of Indiana )  
County of Tippecanoe ) ss.

BEFORE ME, this 9th day of May, 2005, personally appeared the above-named inventor, known to me to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he/she executed the same of his/her own free will for the purpose therein expressed.

SEAL

  
Notary or Consular Officer  
My Commission Expires: 9-13-07

Dated: 5/3/05

Signature: John Chien  
John Chien

State of Indiana )  
County of Deppcance ) ss.

BEFORE ME, this 3rd day of May, 20 05, personally appeared the above-named inventor, known to me to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he/she executed the same of his/her own free will for the purpose therein expressed.

SEAL

Chris D. [Signature]  
Notary or Consular Officer

My Commission Expires: March 20, 2007

Dated: 5-09-05

Signature: *Vimal Sharma*  
Vimal Sharma

State of Indiana )  
County of Tippecanoe ) ss.

BEFORE ME, this 9<sup>th</sup> day of May, 2005, personally appeared the above-named inventor, known to me to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he/she executed the same of his/her own free will for the purpose therein expressed.

SEAL

*Shelley J Moore*  
Notary or Consular Officer  
My Commission Expires: 9-13-07



Dated: 5-3-05

Signature: E. Bradley Edwards  
E. Bradley Edwards

State of Indiana )  
County of Tiptecanoe ) ss.

BEFORE ME, this 3rd day of May, 2005, personally appeared the above-named inventor, known to me to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he/she executed the same of his/her own free will for the purpose therein expressed.

SEAL

Chris D. Goff  
Notary or Consular Officer  
My Commission Expires: March 20, 2007

Dated: 5/3/05

Signature: Victoria Hedrick  
Victoria Hedrick

State of Indiana )

County of Tippicanoe ) ss.

BEFORE ME, this 3rd day of May, 2005, personally appeared the above-named inventor, known to me to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he/she executed the same of his/her own free will for the purpose therein expressed.

SEAL

Chris D. [Signature]

Notary or Consular Officer

My Commission Expires: March 20, 2007

Dated: 5/3/05

Signature: Andrew Jackson  
Andrew Jackson

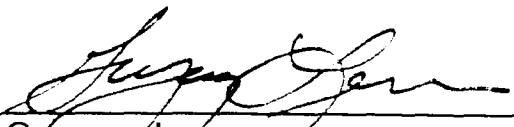
State of Indiana )  
County of Tippecanoe ) ss.

BEFORE ME, this 3rd day of May, 2005, personally appeared the above-named inventor, known to me to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he/she executed the same of his/her own free will for the purpose therein expressed.

SEAL

Chris D. Giff  
Notary or Consular Officer  
My Commission Expires: March 20, 2007

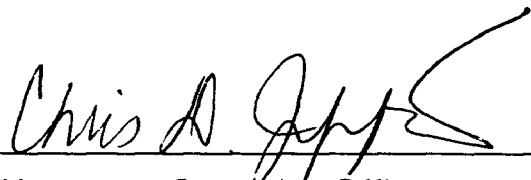
Dated: 5/3/05

Signature:   
Gregory Leman

State of Indiana )  
County of Tippecanoe ) ss.

BEFORE ME, this 3rd day of May, 2005, personally appeared the above-named inventor, known to me to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he/she executed the same of his/her own free will for the purpose therein expressed.

SEAL



Notary or Consular Officer

My Commission Expires: March 20, 2007


Dated: May 24, 2005

Signature: Edward C. Norman  
Edward Norman

State of Pennsylvania )  
County of Chester ) ss.

BEFORE ME, this 24 day of May, 2005, personally appeared the above-named inventor, known to me to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he/she executed the same of his/her own free will for the purpose therein expressed.

SEAL



Notary or Consular Officer

My Commission Expires: \_\_\_\_\_

COMMONWEALTH OF PENNSYLVANIA

Notarial Seal  
Barry B. DiLibero, Notary Public  
West Vincent Twp., Chester County  
My Commission Expires Feb. 14, 2006

Member, Pennsylvania Association of Notaries

Dated: 05-12-2005

Signature: Robert Kaufman  
Robert Kaufman

State of Missouri )  
County of St. Charles ) ss.

BEFORE ME, this 12th day of May, 2005, personally appeared the above-named inventor, known to me to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he/she executed the same of his/her own free will for the purpose therein expressed.

SEAL

Lisa M. Morrow

Notary or Consular Officer

My Commission Expires: June 16, 2008



LISA M. MORROW  
St. Charles County  
My Commission Expires  
June 16, 2008