PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------|----------------|
| Francis Boodoo | 11/17/2005 |
| William Fries | 11/17/2005 |
| James A. Dale | 11/17/2005 |

RECEIVING PARTY DATA

| Name: | Brotech Corporation d/b/a The Purolite Company | |
|-----------------|--|--|
| Street Address: | 150 Monument Road | |
| City: | Bala Cynwyd | |
| State/Country: | PENNSYLVANIA | |
| Postal Code: | 19004 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 11287579 |

CORRESPONDENCE DATA

Fax Number: (304)357-0919

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Email: monika.hussell@dinslaw.com

Correspondent Name: Monika J. Hussell
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Address Line 2: Suite 600

Address Line 4: Charleston, WEST VIRGINIA 25301

| ATTORNEY DOCKET NUMBER: | ARE0001 PA |
|-------------------------|-------------------|
| NAME OF SUBMITTER: | Monika J. Hussell |

Total Attachments: 2 source=SFX1235#page1.tif

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ASSIGNMENT OF PATENT APPLICATION

FOR GOOD AND VALUABLE CONSIDERATION,

We, the undersigned have agreed and hereby agree to assign for good and valuable consideration, receipt of which is hereby expressly acknowledged, and do hereby sell, assign and transfer unto Brotech Corporation d/b/a The Purolite Company, a corporation organized under the laws of the state of Delaware, as Assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries, in and to certain inventions relating to A Water Treatment Process for Perchlorate, Nitrate, Chromate, Arsenate, and Other Oxyanions Using Weak-Base Anion Exchange Resins, described in an application for Letters Patent of the United States, identified as Attorney Docket No. 5192, at Jackson Kelly PLLC, 1600 Laidley Tower, 500 Lee Street East, Charleston, WV 25301 and filed on November 23, 2005 as Application Serial No. 11/237,579, and the inventions and improvements set forth therein, and any and all continuations, continuations-in-part, divisionals, and renewals of, and substitutes for, said application for said Letters Patent, and all the rights and privileges under any and all Letters Patent that may be granted therefor in any country, and any reissues, or reexaminations, or extensions of said Letters Patent. We request that any and all Letters Patent for said inventions be issued to said Assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said Assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries, and for vesting title thereto in said Assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower the said Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International convention which may henceforth be substituted for it.

We hereby authorize Monika J. Hussell, counsel filing the application, to insert the filing date and Serial number into the first paragraph of this assignment, after the application for Letters Patent has been filed, and the U.S. Patent Office has assigned such application a Serial Number.

We covenant with said Assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

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| IN WITNESS WHEREOF, we have hereunto signed our names on the day and year set |
|--|
| forth below. |
| |
| tan Bon do 11-17-05 |
| Francis Boodoo Date |
| STATE OF PA |
| COUNTY OF NOTQUINCTY 35 On this 17 day of NOVEMBER , 2005, before me personally came the |
| above named Francis Boodoo who is personally known by me or proved to me on the basis of |
| satisfactory evidence to be the same individual who executed the foregoing assignment, and who |
| acknowledged to me that he executed the same of his own free will for the use and purposes therein se |
| JOPIN. ALICIA L. PACKIN |
| Notary Public LOWER MERION TWP, MONTGOMERY COUNTY Notary Public Tug 7 2000 |
| My Commission Expires Jun 7, 2009 My Commission Expires Jun 7, 2009 |
| |
| 1, 01 |
| William Lon 11.17.05 |
| William Fries Date |
| STATE OF PA |
| COUNTY OF MONYOMEN SS |
| On this 17 day of NOVCMber 2005, before me personally came the |
| above named William Fries who is personally known by me or proved to me on the basis of satisfactor evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me |
| that he executed the same individual who executed the joregoing assignment, and who delinested the same of his own free will for the use and purposes therein set forth. |
| NOTARIAL SEAL (ALLI) |
| ALICIA I. PACKIN Notary Public Notary Public 7 206 |
| I COMER MERION TWP. MONTGOMERY COUNTY My Commission Expires: \(\begin{align*} \text{UV} \right) & 4 & 2 & 0 \end{align*} |
| My Commission Expires Jun 7, 2009 |
| A.M. D. MM 11-17-05 |
| James A. Dale Date |
| STATE OF PA |
| COUNTY OF MONTADMENS |
| On this 17 day of November 2005, before me personally came th |
| above named James A. Dale who is personally known by me or proved to me on the basis of |
| satisfactory evidence to be the same individual who executed the foregoing assignment, and what acknowledged to me that he executed the same of his own free will for the use and purposes therein see |
| |
| John. Mich Yackin |
| NOTARIAL SEAL Notary Public T 7 200 |
| NOTARIAL SEAL ALICIA L. PACKIN Notary Public Notary Public Notary Public Notary Public |
| LOWER MEDION TWO MONTGOMERY COUNTY ! |
| My Commission Expires Jun 7, 2009 |
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RECORDED: 12/06/2005