

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Tyson J. Hall</td> <td>12/14/2011</td> </tr> <tr> <td>Jason M. Selzer</td> <td>12/14/2011</td> </tr> <tr> <td>Utkarsh R. Vasaiwala</td> <td>01/12/2012</td> </tr> </tbody> </table>		Name	Execution Date	Tyson J. Hall	12/14/2011	Jason M. Selzer	12/14/2011	Utkarsh R. Vasaiwala	01/12/2012		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Albemarle Corporation</td> </tr> <tr> <td>Street Address:</td> <td>451 Florida Street</td> </tr> <tr> <td>City:</td> <td>Baton Rouge</td> </tr> <tr> <td>State/Country:</td> <td>LOUISIANA</td> </tr> <tr> <td>Postal Code:</td> <td>70801-1765</td> </tr> </table>		Name:	Albemarle Corporation	Street Address:	451 Florida Street	City:	Baton Rouge	State/Country:	LOUISIANA	Postal Code:	70801-1765
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>PCT Number:</td> <td>US2012020214</td> </tr> </tbody> </table>		Property Type	Number	PCT Number:	US2012020214						
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PCT Number:	US2012020214										
CORRESPONDENCE DATA											
<p>Fax Number: (225)388-7239</p> <p>Phone: 225/388-8011</p> <p>Email: Jeremy_Kliebert@albemarle.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Albemarle Corporation</p> <p>Address Line 1: 451 Florida Street</p> <p>Address Line 4: Baton Rouge, LOUISIANA 70801-1765</p>											
ATTORNEY DOCKET NUMBER:	F1-7927 PCT										
NAME OF SUBMITTER:	Mary H. Drabnis										
<p>Total Attachments: 4</p> <p>source=Assignment as filed(88177)#page1.tif</p> <p>source=Assignment as filed(88177)#page2.tif</p> <p>source=Assignment as filed(88177)#page3.tif</p> <p>source=Assignment as filed(88177)#page4.tif</p>											

CH \$40.00 US2012020214

Application Number : PCT/US2012/020214

Filing Date : January 4, 2012

Attorney Docket Number: F1-7927 PCT

### ASSIGNMENT

I/We TYSON J. HALL, a citizen of the United States of America, residing in the Parish of East Baton Rouge, State of Louisiana, at 2000 Myrtle Avenue, Baton Rouge, Louisiana 70806; JASON M. SELZER, a citizen of the United States of America, residing in the Parish of East Baton Rouge, State of Louisiana, at 5770 Hidden Ridge Lane, Baton Rouge, Louisiana 70816; and UTKARSH R. VASAIWALA, a citizen of the United States of America, residing in the Parish of East Baton Rouge, State of Louisiana, at 15016 Lynbrook Drive, Baton Rouge, Louisiana 70816, 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:

### **PROCESS FOR PRODUCING SULFUR DIOXIDE AND SULFUR TRIOXIDE**

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 Baton Rouge, Louisiana, 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.

**PATENT**

**REEL: 027819 FRAME: 0948**



**Attorney Docket Number: F1-7927 PCT**

Printed Name: \_\_\_\_\_

Signature: Sarah Marshuk  
 Name: Sarah Marshuk

Printed Name: Jason M. Selzer

Signature: Jason M. Selzer

PARISH OF EAST BATON ROUGE

}  
}  
} SS.

My commission expires: Lifetime

John A. Brownell, Notary Public



**Attorney Docket Number: F1-7927 PCT**

**Inventor: UTKARSH R. VASAIWALA**

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

Signature: Utkarsh Vasaiwala  
Printed Name: Utkarsh R. Vasaiwala

Signature: Sarah  
Printed Name: Sarah marshik

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

On this 12 day of Jan, 2012, personally appeared before me Utkarsh R. Vasaiwala 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/she executed the same of his/her own free will for the purposes herein recited.

Signature: Nehemiah A. Zerull Notary Public

Printed Name: Deborah Brouillette

Notary ID Number 62220

My commission expires: Lifetime

