

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> <tr> <td>Klaus S. Lackner</td> <td>06/15/2009</td> </tr> <tr> <td>Tim A. Rappold</td> <td>06/15/2009</td> </tr> </table>		Name	Execution Date	Klaus S. Lackner	06/15/2009	Tim A. Rappold	06/15/2009						
Name	Execution Date												
Klaus S. Lackner	06/15/2009												
Tim A. Rappold	06/15/2009												
RECEIVING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>The Trustees of Columbia University in the City of New York</td> </tr> <tr> <td>Street Address:</td> <td>110 Low Memorial Library</td> </tr> <tr> <td>Internal Address:</td> <td>535 West 116th Street</td> </tr> <tr> <td>City:</td> <td>New York</td> </tr> <tr> <td>State/Country:</td> <td>NEW YORK</td> </tr> <tr> <td>Postal Code:</td> <td>10027</td> </tr> </table>		Name:	The Trustees of Columbia University in the City of New York	Street Address:	110 Low Memorial Library	Internal Address:	535 West 116th Street	City:	New York	State/Country:	NEW YORK	Postal Code:	10027
Name:	The Trustees of Columbia University in the City of New York												
Street Address:	110 Low Memorial Library												
Internal Address:	535 West 116th Street												
City:	New York												
State/Country:	NEW YORK												
Postal Code:	10027												
PROPERTY NUMBERS Total: 1													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> <tr> <td>Application Number:</td> <td>12295312</td> </tr> </table>		Property Type	Number	Application Number:	12295312								
Property Type	Number												
Application Number:	12295312												
CORRESPONDENCE DATA													
<p>Fax Number: (203)782-2889</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 203-498-4395</p> <p>Email: lblair@wigin.com</p> <p>Correspondent Name: Wigin and Dana LLP</p> <p>Address Line 1: One Century Tower</p> <p>Address Line 2: P.O. Box 1832</p> <p>Address Line 4: New Haven, CONNECTICUT 06508-1832</p>													
ATTORNEY DOCKET NUMBER:	102951-103												
NAME OF SUBMITTER:	Anthony P. Gangemi												
<p>Total Attachments: 2</p> <p>source=Assignment#page1.tif</p>													

CH \$40.00 12295312

500886691

PATENT
REEL: 022829 FRAME: 0409

ASSIGNMENT

TIM RAPPOLD
3E W 87th St Apt 413
NYC, NY 10024 TR 6/19/09

WHEREAS, We, Klaus S. Lackner, residing at 140 Southlawn Drive, Dobbs Ferry, NY 10522, and Tim A. Rappold, residing at ~~325 West 93rd Street, Apt. 54, New York, NY 10025~~, have invented certain new and useful improvements in SYSTEMS AND METHODS FOR GENERATING SULFURIC ACID for which we:

- ☐ have executed an application for Letters Patent of the United States of even date herewith;
- ☒ have filed an application for Letters Patent of the United States on March 16, 2009 under Serial No. 12/295,312; and

WHEREAS, The Trustees of Columbia University in the City of New York, organized under the laws of the State of New York, having its principal place of business at 110 Low Memorial Library, 535 West 116th Street, New York, NY 10027, is desirous of obtaining the entire right, title, and interest in, to and under the said improvements and the said application;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned, transferred and set over, and by these presents to hereby sell, assign, transfer and set over, unto the said The Trustees of Columbia University in the City of New York, its successors, legal representatives, and assigns the entire right, title, and interest in, to and under the said improvements, and the said application and all divisions, renewals, and continuations thereof, and all Letters Patent of the United States which may be granted thereon or claim priority therefrom and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals, and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for

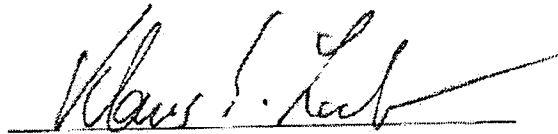
said improvement to the said The Trustees of Columbia University in the City of New York, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

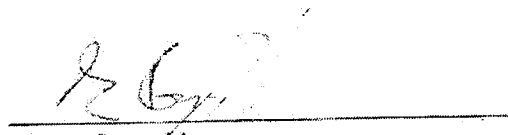
AND WE HEREBY further covenant and agree that we will communicate to said The Trustees of Columbia University in the City of New York, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and generally do everything possible to aid said The Trustees of Columbia University in the City of New York, its successors, legal representatives and assigns to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our signatures.

Date: June 15, 2009


Klaus S. Lackner

Date: June 15, 2009


Tim A. Rappold

18667882230175.1