

PATENT ASSIGNMENT

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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>NICHOLAS R. POLLACK</td> <td>04/20/2011</td> </tr> <tr> <td>RICHARD A. HAYDEN</td> <td>04/19/2011</td> </tr> </tbody> </table>		Name	Execution Date	NICHOLAS R. POLLACK	04/20/2011	RICHARD A. HAYDEN	04/19/2011				
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<table border="1"> <tr> <td>Name:</td> <td>CALGON CARBON CORPORATION</td> </tr> <tr> <td>Street Address:</td> <td>500 Calgon Carbon Drive</td> </tr> <tr> <td>City:</td> <td>Pittsburgh</td> </tr> <tr> <td>State/Country:</td> <td>PENNSYLVANIA</td> </tr> <tr> <td>Postal Code:</td> <td>15205</td> </tr> </table>		Name:	CALGON CARBON CORPORATION	Street Address:	500 Calgon Carbon Drive	City:	Pittsburgh	State/Country:	PENNSYLVANIA	Postal Code:	15205
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: 4122810717 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 412-454-5000 Email: docketingpgh@pepperlaw.com Correspondent Name: PEPPER HAMILTON LLP Address Line 1: Suite 5000 Address Line 2: 500 GRANT STREET Address Line 4: PITTSBURGH, PENNSYLVANIA 15219-2507</p>											
ATTORNEY DOCKET NUMBER:	123450.01411										
NAME OF SUBMITTER:	Curtis Wadsworth										
<p>Total Attachments: 3 source=Assignment_executed#page1.tif source=Assignment_executed#page2.tif source=Assignment_executed#page3.tif</p>											

OP \$40.00 13650431

A S S I G N M E N T

WHEREAS, WE, NICHOLAS R. POLLACK and RICHARD A. HAYDEN, (hereinafter referred to as "Assignors"), have made a certain new and useful invention as set forth and disclosed in applications, entitled METHODS FOR REMOVAL OF MERCURY FROM FLUE GAS, the applications of which were filed with the United States Patent and Trademark Office on April 7, 2011 as U.S. Patent Application Serial No. 13/082,337 and PCT Application No. PCT/US2011/31638, which applications claim priority to U.S. Provisional Application No. 61/321,696 filed on April 7, 2010 (hereinafter referred to as the "Invention").


AND WHEREAS, CALGON CARBON CORPORATION, having an address of 500 Calgon Carbon Drive, Pittsburgh, PA 15205 (hereinafter referred to as "Assignee"), is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries that may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, Assignors do hereby sell, assign, transfer and set over unto Assignee, its legal representatives, successors, and assigns, the entire right, title and interest in and to said Invention as set forth in the above-mentioned application, including any applications which claim priority to the above-referenced application, any applications to which the above-referenced application claims priority, and any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said Invention;

UPON SAID CONSIDERATION, Assignors shall not execute any writing or do any act whatsoever conflicting with the terms and conditions of this Assignment, and that Assignors will, at any time upon request, without further or additional consideration, but at the expense of said Assignee, execute such additional assignments and other writings and do such additional acts as said Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for or obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said Invention, and in enforcing any rights or chooses in action accruing as a result of such applications or patents, by giving testimony in any and all proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind and inure to the benefit of the assigns and legal representatives of Assignors and Assignee;

The undersigned hereby grant(s) the firm of PEPPER HAMILTON LLP the power to insert on this Assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

AND we request that any Patents that may be issued for said Invention be issued to said Assignee, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

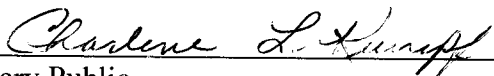
By: 
 Name: NICHOLAS R. POLLACK
 Date: 4/20/2011, 2011

STATE OF Pennsylvania)

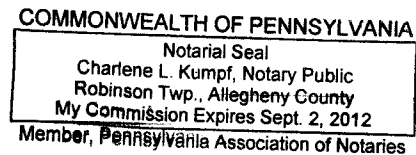
) SS:

COUNTY OF Allegheny)

On this 20th day of April, 2011, before me personally appeared, NICHOLAS R. POLLACK, known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.


 Notary Public

My Commission Expires: Sept 2, 2012



By: *Richard A. Hayden*
Name: RICHARD A. HAYDEN
Date: April 19, 2011

STATE OF PENNSYLVANIA)

) SS:

COUNTY OF ALLEGHENY)

On this 19th day of APRIL, 2011, before me personally appeared, RICHARD A. HAYDEN, known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

Charlene L. Kumpf
Notary Public

My Commission Expires: Sept. 2, 2012

