

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RICHARD A. HAYDEN	04/19/2011
RECEIVING PARTY DATA	
Name:	CALGON CARBON CORPORATION
Street Address:	500 Calgon Carbon Drive
City:	Pittsburgh
State/Country:	PENNSYLVANIA
Postal Code:	15205
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14201502
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NAME OF SUBMITTER:	PAULA J. WATSON
SIGNATURE:	/Paula J. Watson/
DATE SIGNED:	07/02/2014
Total Attachments: 3	
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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: *NRP*
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.

Charlene L. Kumpf
Notary Public

My Commission Expires: Sept 2, 2012

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Charlene L. Kumpf, Notary Public
Robinson Twp., Allegheny County
My Commission Expires Sept. 2, 2012
Member, Pennsylvania Association of Notaries

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

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
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