

10/11/2011

U.S. DEPARTMENT OF COMMERCE  
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To the Honorable Commissioner of Patents

103634287

original documents or copy thereof

1. Name of Conveying party(ies):

Johannes KOWOLL  
Stefan HAMEL  
Michael RIEGERAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_Execution Date: August 4, 2011, July 29, 2011  
and August 10, 2011, respectively

2. Name and address of receiving party(ies):

Name: UHDE GmbHStreet Address: Friedrich-Uhde-Strasse 15  
44141 Dortmund, GermanyAdditional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

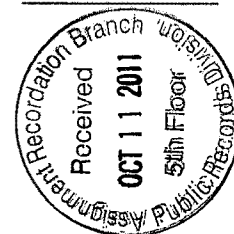
A. Patent Application No.(s)

B. Patent No.(s)

PCT No.: PCT/EP2009/009240

PCT Filed: December 23, 2009

U.S. Patent Application Serial No. 13/138,280

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence should be mailed:

Name: Collard & Roe, P.C.  
Internal Address: \_\_\_\_\_  
Street Address: 1077 Northern Boulevard  
City: Roslyn State: NY ZIP: 115766. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41): ..... \$ 40.00☒ Enclosed  
☐ Authorized to be charged to deposit account8. Deposit account number: 03-2468

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Frederick J. Dorchak

Name of Person Signing

Signature

October 6, 2011

Date

Total number of pages including cover sheet, attachments, and document: 2

PATENT

REEL: 027195 FRAME: 0623

**ASSIGNMENT**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

name and  
address of  
assignee

**UHDE GmbH**  
Friedrich-Uhde-Strasse 15  
44141 Dortmund, Germany

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to

title of  
invention

**METHOD FOR SUPPLYING AN ENTRAINED-FLOW GASIFICATION  
REACTOR WITH FUEL FROM A RESERVOIR TANK**

as set forth in his United States Patent Application

check one

☐ executed concurrently herewith

☐ executed on \_\_\_\_\_

☒ PCT No. PCT/EP2009/009240 filed December 23, 2009

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees that at any time upon request of said ASSIGNEE, its successors, legal representatives or assigns he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions or continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, resissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of COLLARD & ROE, P.C., 1077 Northern Boulevard, Roslyn, New York 11576, U.S.A., the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

names and  
signatures  
of inventors

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Name: **Johannes KOWOLL**  
Date: **4.08.2011**

*Michael Rieger*

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Date: **10.08.2011**

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Date: **29.07.2011**