



To the Honorable Commissioner of Patents

original documents or copy thereof.

103329071

10-20-06

1. Name of Conveying party(ies):

Norbert FISCHER  
Dietmar DEGENKOLB  
Friedemann MEHLHOSE  
Manfred SCHINGNITZ

Additional name(s) of conveying party(ies) attached? Yes  No

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date: All on October 5, 2006

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

Name: Siemens Fuel Gasification Technology GmbH

Street Address: Halsbrücker Strasse 34  
D-09599 Frieberg, Germany

And

Name: Manfred Schingnitz

Street Address: Ledeburstrasse 6  
D-09599 Frieberg, Germany

Additional name(s) & address(es) attached?  Yes  No

113261 U.S. PTO  
11/584654



102006

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)

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: 11576

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): ..... \$ 40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number: 03-2468

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

11/584654

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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.

Elizabeth Collard Richter

Name of Person Signing

Signature

October 20, 2006

Date

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

# 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	Siemens Fuel Gasification Technology GmbH Halsbrücker Strasse 34 D-09599 Frieberg	-and-	Manfred Schingnitz Ledeburstrasse 6 D-09599 Frieberg
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(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 AND APPARATUS FOR COOLING HOT GASES AND FLUIDIZED SLAG IN ENTRAINED FLOW GASIFICATION
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as set forth in his United States Patent Application

check one	<input checked="" type="checkbox"/> executed concurrently herewith
	<input type="checkbox"/> executed on _____
	<input type="checkbox"/> PCT No. _____ filed _____

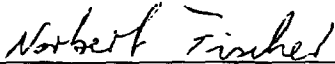
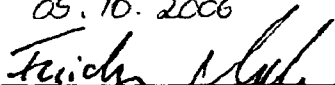
in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed 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;

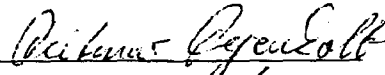
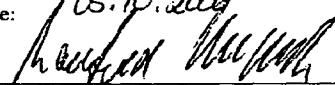
Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

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 and 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, reissuing 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	 Name: Norbert FISCHER Date: 05.10.2006
	 Name: Friedemann MEHLHOSE Date: 05.10.2006

names and signatures of inventors	 Name: Dietmar DEEGENKOLB Date: 05.10.2006
	 Name: Manfred SCHINGNITZ Date: 05.10.2006