

07-22-2002

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U.S. DEPARTMENT OF COMMERCE

JC05 Rec'd PCT/PTO 22 APR 2002

To the Honorable Commissioner c

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tached original documents or copy thereof.

1. Name of Conveying party(ies):

Ralf SCHUMACHER, Hermann TOLL, and
Rainer WORBERGAdditional name(s) of conveying party(ies) attached? Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: March 21, March 21, and April 10, all 2002

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

Name: THYSSEN KRUPP ENCOKE GMBH

Internal Address: _____

Street Address: Christstrasse 9City: D-44789 Bochum Country: 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: March 21, March 21, and April 10, all 2002

A. Patent Application No.(s)

PCT No. PCT/EP00/08577 filed September 2, 2000

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: _____

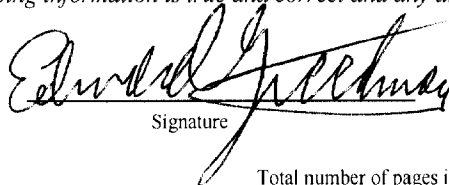
Street Address: 1077 Northern BoulevardCity: Roslyn State: NY ZIP: 115766. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41): \$ 40.00☒ Enclosed☐ Authorized to be charged to deposit account8. Deposit account number: 03-2468

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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.*Edward R. Freedman

Name of Person Signing



Signature

April 22, 2002

Date

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

PATENT

REEL: 013092 FRAME: 0772

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

THYSSEN KRUPP ENCOKE GMBH

address of

CHRISTSTRASSE 9

assignee

44789 BOCHUM

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

METHOD AND DEVICE FOR EVACUATING HOT RAW GASES FROM COKE OVENS

invention

as set forth in his United States Patent Application

☐ executed concurrently herewith

check one

☐ executed on _____

☒ Serial No. PCT/EP00/08577 filed 2 SEPTEMBER 2000

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.

Ralf Schumacher

Name: Ralf SCHUMACHER

Date: 21.03.2002

Rainer Worberg

Name: Rainer WORBERG

Date: 10.04.2002

Hermann Toll

Name: Hermann TOLL

Date: 21.3.2002

names and

signatures

of inventors