FORM PTO - 1595 (4) RE	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
To the Honorable Commissioner of .	387213 Sriginal documents or copy thereof
1. Name of conveying party(ies): RWE UMWELT AG Additional name(s) of conveying party(ies) attached Additional name(s) No	2. Name and address of receiving party (ies): Name: OREFUS COMBUSTION ENGINEERING GmbH Internal Address: Kollaustrasse 105 22453 Hamburg, Germany Street:
3. Nature of conveyance: X Assignment	Address: City: State: Zip Additional name(s) address(es) attached? Yes XNo
4. Application number (s) or patent number (s): 5,551,780 If this document is being filed together with a executed application, the execution date of the application is: A. Patent Application No. Additional numbers attached?Yes _X_No	
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Richard M. Beck Internal Address: CONNOLLY BOVE LODGE & HUTZ LLP Street Address: P.O. BOX 2207	6. Total Number of applications and patents involved: (1) 7. Total Fee (37 CFR 3.41) Enclosed Authorized to be charged to deposit account
City: WILMINGTON State: DE Zip: 19899	Deposit account number: 03-2775 (If any additional fee is required) (Attach duplicate copy of this page if paying by deposit account)
DO NOT USE THIS SPACE	
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. RICHARD M. BECK	
Do not detatch this portion Mail documents to be recorded with required cover sheet information to: Assignment Branch U.S. Patents and Trademarks Office Office Public Records Crystal Gateway 4, Room 33 Washington, D.C. 20231 Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.	

#81170v1<CB> -Recordation Sheet.wpd

PATENT REEL: 010859 FRAME: 0297

04-10-2000 FORM 2 TO - 1595 U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office 3.5.00 101314022 To the Honorable Commissioner of Patents and Trademarks, ease record the attached original documents or copy thereof 2. Name and address of receiving party (ies): 1. Name of conveying party(ies): Name: OREFUS COMBUSTION ENGINEERING GmbH **RWE UMWELT AG** Internal Address: Kollaustrasse 105 22453 Hamburg, Germany Additional name(s) of conveying party(ies) attached? Street: 3. Nature of conveyance: Address: X Assignment Merger Change of Name State: Zip Security Agreement (dditional name(s) address(es) attached? Yes X No Execution Date: 02/28/00; 02/29/00 4. Application number (s) or patent number (s): 5,551,780 If this document is being filed together with a executed application, the execution date of the application is: A. Patent Application No. Additional numbers attached? Yes X_ No 5. Name and address of party to whom correspondence concerning 6. Total Number of applications and patents involved: (1) document should be mailed: Richard M. Beck Name: 7. Total Fee (37 CFR 3.41) \$40.00 Internal Address: CONNOLLY BOVE LODGE & HUTZ LLP x Enclosed Street Address: P.O. BOX 2207 Authorized to be charged to deposit account 8. Deposit account number: 03-2775 (If any additional fee is required) WILMINGTON State: DE Zip: 19899 City: (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 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. March 6, 2000 RICHARD M. BECK Name of Person Signing Reg. No. 22,580 Total number of pages including cover sheet, attachments and document: 2 Attorney Docket #: 7474*1 Do not detatch this portion Mail documents to be recorded with required cover sheet information to: **Assignment Branch** U.S. Patents and Trademarks Office

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington,

Office Public Records Crystal Gateway 4, Room 33 Washington, D.C. 20231

#81170v1<CB> -Recordation Sheet.wpd

04/10/2000 DHGUYEN 00000292 5551780

D.C. 20503.

01 FC:581

PATENT REEL: 010859 FRAME: 0298

ASSIGNMENT

For valuable consideration, the receipt and adequacy of which is hereby acknowledged RWE Umwelt Aktiengesellschaft, a corporation organized under the laws of Germany, located at Opernplatz 1, 45128 Essen, Germany; hereby sells, assigns and transfers unto Orfeus Combustion Engineering GmbH, a corporation organized under the laws of Germany, located at Kollaustrasse 105, 22453 Hamburg, Germany, the entire right, title and interest in and to United States Letters Patent No. 5,551,780, issued September 3, 1996 entitled METHOD TO DETERMINE CHARACTERISTIC FEATURES OF PROCESSES FORMING RADICALS.

Date: <u>Essur</u>, 28.02.2000

Dr. Schaber

Date: 1ebruary 29th, 2000

Kemper

Conceins then engineering

Conceins the formal engineering to act to the formal engineering th

PATENT
RECORDED: 06/16/2000 REEL: 010859 FRAME: 0299