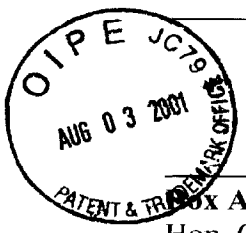


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PATENTS ONLY

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Hon. Commissioner for Patents  
Washington, D.C. 20231

1. Name of Conveying Party(ies):                      2. Name and Address of Receiving Party(ies):

Studiengesellschaft Kohle mbH  
Kaiser-Wilhelm-Platz 1  
D-45470 Mulheim an der Ruhr  
Germany

hte Aktiengesellschaft  
Kurpfalzring 104  
D-69123 Heidelberg  
Germany

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

Additional name(s) & addresses attached?  
  
 Yes     No

3. Nature of Conveyance:

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Execution Date: **July 11, 2001**

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)

**09/700,401**

Additional numbers attached?     Yes                       No

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

Kurt G. Briscoe  
NORRIS, McLAUGHLIN & MARCUS, P.A.  
220 East 42nd Street - 30th Floor  
New York, New York 10017  
(212) 808-0700

08/10/2001 ANNED1 00000157 141263 09700401  
01 FC:581                      40.00 CH

**PATENT**  
**REEL: 012051 FRAME: 0530**

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41) \$ 40.00

Enclosed

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8. Deposit Account Number: 14-1263

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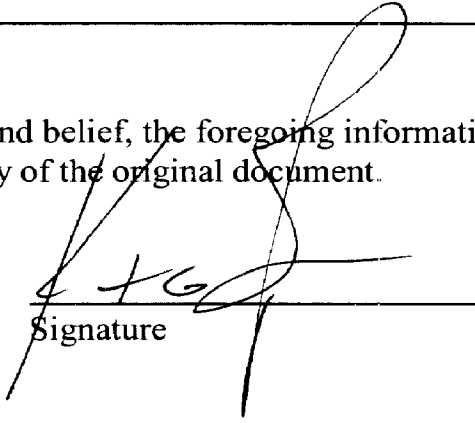
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9. Statement and signature.

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.

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In consideration of One Dollar (\$ 1.00) in hand paid, and other good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I/We:

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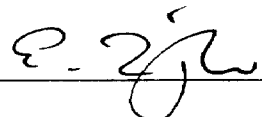
the entire right, title, and interest in and to all my/our application for Letters Patent of the United States, filed as Serial No. 09/700,401, on May 12, 1999, entitled:

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my/our ownership of which is documented in an assignment recorded in the United States Patent and Trademark Office on February 20, 2001 at Reel 011547, Frame 0110, and my/our entire right, title, and interest in and to all my/our inventions, whether joint or sole, disclosed in said application for Letters Patent, and in and to all provisional, or non-provisional divisional, continuation or continuation-in-part applications that may be filed for United States Letters Patent for any of said inventions, and in and to all patents that may be granted on the foregoing applications, and I/we hereby agree, whenever requested, to communicate to said assignee, its successors and assigns, any facts known to me/us respecting said inventions, and to execute all applications or papers necessary to obtain and maintain proper patent protections on said inventions in the United States.

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Date: July - 11 - 2001

By: 

Name: Prof. Dr. E. Ziegler

Title: Managing Director