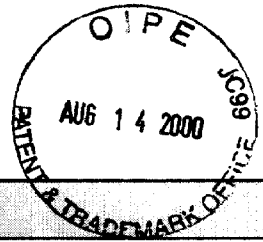


08-21-2000



RECORDATION CG 101437915 ASSIGNMENTS

To the Honorable Commissioner of Patents and Trademarks:  
Please record the attached original documents or copies thereof.

1. Name(s) of Conveying Party(ies): Frank Baumann and Stefan Wieland

*Handwritten signature and date: 8.14.00*

2. Name(s) and Address(es) of Receiving Party(ies): dmc<sup>2</sup> Degussa Metals  
Catalysts Cerdec AG, Weissfrauenstrasse 9, 60311 Frankfurt am Main 1,  
Federal Republic of Germany

3. Nature of Conveyance: Assignment  
Execution Date: 5/25/00 and 6/16/00

4A. Patent Application No.(s): 09/568,814  
Application Execution Date: 5/25/00 and 6/16/00

4B. Patent No.(s):

5. Name and Address of Party to Whom Correspondence Regarding This Document Should Be Mailed:  
Smith, Gambrell & Russell, LLP  
Beveridge, DeGrandi, Weilacher & Young, Intellectual Property Group  
Suite 800, 1850 M Street N.W., Washington, D.C. 20036  
(202) 659-2811

Attorney Docket No.: 033766W005

6. Total Number of Applications and Patents involved: 1

7. Total Fee: \$40.00  
(Enclosed. Please charge any deficiency or refund any excess to counsel's deposit account.)

8. Deposit Account No.: 02-4300

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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.

*Handwritten signature of Robert G. Weilacher*  
Robert G. Weilacher, Registration No. 20531

*Handwritten date: 8/14/2000*  
Date

Total Number of Pages (including cover sheet): 4

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40.00 DP

PATENT  
REEL: 011002 FRAME: 0181

A S S I G N M E N T

WHEREAS the undersigned (hereinafter "ASSIGNOR") have invented certain new and useful improvements in

A METHOD FOR CATALYTIC CONVERSION OF CARBON MONOXIDE IN A  
HYDROGEN-CONTAINING GAS MIXTURE

for which an application for United States Letters Patent was executed concurrently herewith unless otherwise indicated and claims the benefit of German priority application 100 13 895.0 filed March 21, 2000

WHEREAS, dmc<sup>2</sup> Degussa Metals Catalysts Cerdec AG  
Weissfrauenstrasse 9,  
60311 Frankfurt am Main 1,  
Federal Republic of Germany

a German Corporation (hereinafter "ASSIGNEE") is desirous of acquiring the entire right, title and interest in the same:

NOW, THEREFORE, in view of good and valuable consideration, the said ASSIGNOR hereby sells, assigns and transfers unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and all other countries and the entire right, title and interest in and to any and all Letters Patent, which may be granted therefore in the United States, and all other countries and in and to any and all divisions, reissues, continuations, and extensions thereof.

Said ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to said ASSIGNEE, as the assignee of the entire right, title and interest in and to the same, for the sole use and for the use of its successors, legal representatives, and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by said ASSIGNOR had this assignment and sale not been made.

Further, the ASSIGNOR agrees to communicate to said ASSIGNEE, or its representatives, any facts known to the ASSIGNOR respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention.

The ASSIGNOR authorizes any attorneys and agents who have a power of attorney in this application to check any appropriate boxes and to insert the Serial Number and filing date in this document after it has been executed.

IN TESTIMONY WHEREOF, we have hereunto set our hands

Signatures

Dates

In the Presence of:

Frank Baumann      05/25/2000      M. Wiedel  
Frank Baumann

Stefan Wiedel      06/16/2000      M. Wiedel  
Stefan Wiedel