08-09-2000 U.S. DEPARTMENT OF COMMERCE FORM PTO-1595 SHEET RE Patent and Trademark Offic OMB No. 0651-0011 (exp. 4/94) Tab settings ⇒ ⇒ ⇒ ▼ 101428185 ttached original documents or copy thereof. To the Honorable Commissioner of Parameter Name and address of receiving party(ies) 1. Name of conveying party(ies): BASF Aktiengsellschaft Name: Daniel HEINEKE: Klaus HARTH; Uwe STABEL Internal Address: Additional name(s) of conveying party(les) attached?

Yes

No 3. Nature of conveyance: D-67056 Ludwigshafen Street Address: Assignment Merger Germany ☐ Change of Name ☐ Security Agreement _____ State: _____ ZIP:____ O Other Execution Date: May 24 and May 26, 2000 Additional 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: May 24 & 26, 2000 A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached?

Yes

No 08/03/2000 STAUTS address of party to whom correspondence 6. Total number of applications and patents involved: 02 FOOMperning document should the Malled: Name:_____ 7. Total fee (37 CFR 3.41).....\$ 40.00 Internal Address: KEIL & WEINKAUF Authorized to be charged to deposit account 1101 Connecticut Ave., N.W. ANY DEFICIENCY IN FEES ONLY Washington, DC 20036 Street Address: 8. Deposit account number: 11-0345 City:______State:_____ZIP: (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.

Herbert B. Keil, Reg. 18,967

Name of Person Signing

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

Assignment of Application

0050/050549

WHEREAS, I (WE)

Daniel Heineke, Am Alsterbach 7, 67487 Maikammer, Germany Citizen of Germany Klaus Harth, Starenweg 6, 67317 Altleiningen, Germany Citizen of Germany Uwe Stabel, Pappelstr.31, 67166 Otterstadt, Germany Citizen of Germany

respectively, have invented certain new and useful improvements in

Catalyst having a bimodal pore radius distribution

for which an application for Letters Patent was executed on

(Application No.

, filed

), and

WHEREAS, BASF Aktiengesellschaft (hereinafter referred to as "ASSIGNEE"), having a place of business at 67056 Ludwigshafen, Germany, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE(S), the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE(S) as the assignee(s) of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE(S), its (his) successors 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 me (us) had this Assignment and sale not been made.

FURTHER, I (WE) agree that I (WE) will communicate to said ASSIGNEE(S), or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE(S), make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE(S), its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries

The undersigned hereby grant(s) the firm of Messrs. Keil & Weinkauf, 1101 Connecticut Ave., N. W., Washington, D. C. 20036 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

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Date: May 24, 2000

Daniel Heineke

Date: May 26, 2000

Klaus Harth

Date: May 26, 2000

Uwe Stabel

RECORDED: 07/25/2000