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Heiko ARNOLD      Klaus HARTH  
Signe UNVERRICHT      Klaus Joachim MUELLER-ENGEL  
Raimund FELDER

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

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Execution Date: 09/20/01

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

Name: BASF Aktiengesellschaft  
Address: 67056 Ludwigshafen, Germany

Additional name(s) and 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:

**A. Patent Application No.(s)**

10/363,856

**B. Patent No.(s)**

Additional numbers attached? ☐ Yes ☒ No

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



22850

Tel. (703) 413-3000  
Fax. (703) 413-2220

**6. Total applications and patents involved: 1**

**7. Total fee (37 CFR 3.41): \$40.00**

- ☒ Enclosed  
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Norman F. Oblon  
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*Surinder Sachar*  
Signature

July 3 2003  
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Registration Number: 24,618

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**PATENT**  
**REEL: 014244 FRAME: 0544**

## Assignment of Application

0050/051764

WHEREAS, I (WE)

*Heiko Arnold, A 2, 8, 68159 Mannheim, Germany*

*Citizen of Germany*

*Signe Unverricht, Gartenfeldstr.23, 68169 Mannheim, Germany*

*Citizen of Germany*

*Raimund Felder, Lincolnstr.3, 67434 Neustadt, Germany*

*Citizen of Germany*

*Klaus Harth, Starenweg 6, 67317 Altleiningen, Germany*

*Citizen of Germany*

*Klaus Joachim Müller-Engel, Bahnhofstr.82, 76297 Stutensee, Germany*

*Citizen of Germany*

respectively, have invented certain new and useful improvements in

Method for producing a multi metal oxide catalyst, method for producing unsaturated aldehydes and/or carboxylic acids and band calcination device

for which an application for Letters Patent was executed on September 20, 2001

(Application No. 10/363,856, filed March 14, 2003), 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 Five Dollars (\$5.00), 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, 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 as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, 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.

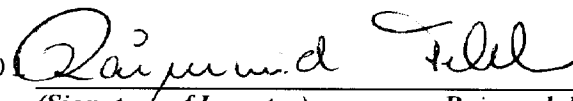
FURTHER, I (WE) agree that I (WE) will communicate to said ASSIGNEE, or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, 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 **Oblon, Spivak, Mc.Clelland, Maier & Neustadt, P.C.** of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 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.

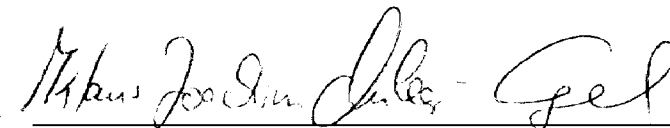
0050/051764

Date: September 20, 2001   
(Signature of Inventor) Heiko Arnold

Date: September 20, 2001   
(Signature of Inventor) Signe Unverricht

Date: September 20, 2001   
(Signature of Inventor) Raimund Felder

Date: September 20, 2001   
(Signature of Inventor) Klaus Harth

Date: September 20, 2001   
(Signature of Inventor) Klaus Joachim Müller-Engel