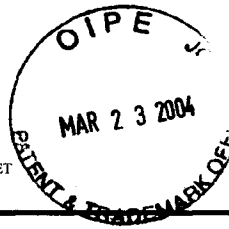FORM PTO-1595
1-31-92

RECORDATION FORM COVER SHEET

PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

OIPE

MAR 2 3 2004

To the Director of the United States Patent and Trademark Office. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Dominic VANOPPEN Dietrich TITTELBACH-HELMRICH Ekkehard SCHWAB Juergen DAHLHAUS Joern MUELLER Ulrich PENZEL Gunter GEORGI Bernd WEIDNER 3.23.04 Additional name(s) of conveying party(ies) attached? ☐ Yes ■ No	Name: BASF Aktiengesellschaft Address: 67056 Ludwigshafen, Germany 03-26-2004 ‖‖‖‖‖‖‖‖‖‖‖‖‖‖‖‖‖‖‖‖ 102704623

3. Nature of Conveyance:	
■ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other Execution Date: 10/13/2003	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) 10/478,475	B. Patent No.(s)

Additional numbers attached? ☐ Yes ■ No

5. Name and address of party to whom correspondence concerning document should be mailed: Customer Number **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
	   ☐ Authorized to be charged to deposit account

	8. Deposit account number: 15-0030 (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.

Norman F. Oblon	*[signature]*	March 23 2004
Name of Person Signing	Signature	Date

Registration Number: 24,618

Surinder Sachar
Registration No. 34,423

Total number of pages including this cover sheet: 3

- -

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

03/26/2004 SDIRETAE 00000010 10478475 Director of the United States Patent and Trademark Office
Mail Stop Assignment Recordation Services
40.00 OP Alexandria, Virginia. 22313

PATENT
REEL: 015135 FRAME: 0449

Assignment of Application

0050/052482

WHEREAS, I (WE)

Dominic Vanoppen, Dahlialaan 12, 2950 Kapellen, Belgium
Citizen of Belgium

Ekkehard Schwab, Berwartsteinstr. 4, 67434 Neustadt , Germany
Citizen of Germany

Jörn Müller, An der Riehe 2, 49152 Bad Essen , Germany
Citizen of Germany

Ulrich Penzel, Winzergasse 12, 01945 Tettau , Germany
Citizen of Germany

Gunther Georgi, 15580 George O'Neal Road, Apt.423, Baton Rouge, Louisiana 70817 , United States of America
Citizen of Germany

Bernd Weidner, Siedlungsweg 3 h, 01994 Wormlage , Germany
Citizen of Germany

Dietrich Tittelbach-Helmrich, Hauptstrasse 11 b, 01561 Tauscha , Germany
Citizen of Germany

Jürgen Dahlhaus, Dreve des Renards 2(b.4), 1180 Brüssel , Belgium
Citizen of Germany

respectively, have invented certain new and useful improvements in
Ni/TiO_2 hydrogenation catalyst

for which an application for Letters Patent was executed on **October 13, 2003**

(Application No. **10/478,475** . filed **November 21, 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.
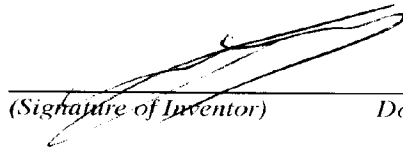
FURTHER, I (WE) agree that I (WE) will communicate to said ASSIGNEE, or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute 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.

US Assignment Form 03 10/2000
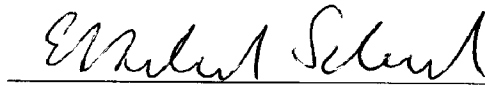
0050/052482

Date: 13.10.2003

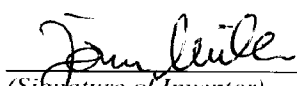(Signature of Inventor)   Dominic Vanoppen

Date: 13.10.2003

(Signature of Inventor)   Ekkehard Schwab
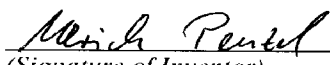
Date: 13.10.2003

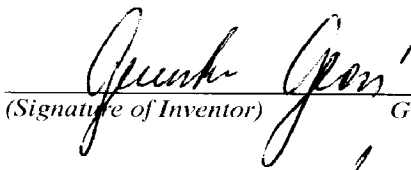(Signature of Inventor)   Jörn Müller

Date: 13.10.2003

(Signature of Inventor)   Ulrich Penzel

Date: 13.10.2003

(Signature of Inventor)   Gunther Georgi

Date: 13.10.2003

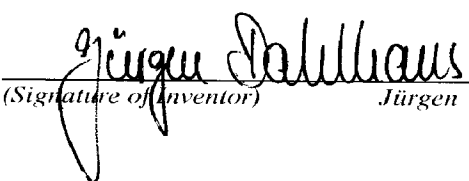(Signature of Inventor)   Bernd Weidner

Date: 13.10.2003

(Signature of Inventor)   Dietrich Tittelbach-Helmrich

Date: 13.10.2003

(Signature of Inventor)   Jürgen Dahlhaus

US Assignment Form 03   10/2000