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12-4-03

1. Name of conveying party(ies)
Gerhard OLBERT, Torsten MATTKE, Matthias KUMMER,
Thomas RUEHL, Frank ROSOWSKI

2. Name and address of receiving party(ies)

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

BASF Aktiengesellschaft
Street Address: 67056 Ludwigshafen
Germany

3. Nature of conveyance:

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// Security Agreement // Change of Name

City: _____ State: _____ ZIP _____

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4. Application number(s) or patent number(s):

10479625

If this document is being filed together with a new application,
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A. Patent Application No.(s)

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Additional numbers attached? // Yes /x/ No

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

6. Total number of applications and
and patents involved: / 1 /

Name: Herbert B. Keil
Internal Address:

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

Street Address: Keil & Weinkauf
1350 Connecticut Ave. N.W.
City: Washington State: D.C ZIP: 20036

8. Deposit Account 11-0345 if fee is
deficient or not attached /X/

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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.

Herbert B. Keil
Name of Person Signing

Herbert B. Keil
Signature

Nov. 17, 03
Date

Total number of pages 3

Assignment of Application

0050/052519

WHEREAS, I (WE)

Gerhard Olbert, Frankenweg 11, 69221 Dossenheim , Germany
Citizen of Germany

Torsten Mattke, Talweide 12, 67251 Freinsheim , Germany
Citizen of Germany

Matthias Kummer, Im Winkel 4, 67273 Weisenheim , Germany
Citizen of Germany

Thomas Rühl, Lamsheimer Str. 47, 67227 Frankenthal , Germany
Citizen of Germany

Frank Rosowski, Burgstr. 28, 68165 Mannheim , Germany
Citizen of Germany

respectively, have invented certain new and useful improvements in

Pump for the transport of a heat-exchange medium for a
contact tube bundle reactor

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 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 **Keil & Weinkauf**, 1350 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.

0050/052519

Date: September 17, 2003

Signature of Inventor:


Gerhard Olbert

Date: September 17, 2003

Signature of Inventor:


Torsten Matthe

Date: September 17, 2003

Signature of Inventor:


Matthias Kummer

Date: September 17, 2003

Signature of Inventor:


Thomas Rühl

Date: September 17, 2003

Signature of Inventor:


Frank Rosowski