

10-11-2001



ASSIGNMI

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

## 1. Name of conveying party(ies)

1) Bernd SACHWEH 2) Camiel HEFFELS 3) Matthias RÄDLE  
4) Helmut BIERMANN 5) Hans Jürgen EISEN 6) Jürgen ETTMÜLLER  
7) Johannes G. REUVERS

Additional name(s) of conveying party(ies)

Attached // Yes /X/ No

## 2. Nature of conveyance:

// Assignment // Merger  
// Security Agreement // Change of Name

Execution Date:

## 2. Name and address of receiving party(ies)

BASF Aktiengesellschaft

Street Address: 67056 Ludwigshafen

Germany

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Additional name(s) &amp; address(es) attached?

// Yes /X/ 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)

B. Patent No.(s)

Additional numbers attached? // Yes /X/ No

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

Name: Herbert B. Keil

Internal Address: \_\_\_\_\_

Street Address: Keil &amp; Weinkauff

1101 Connecticut Ave. N.W.

City: Washington State: D.C. ZIP: 20036

6. Total number of applications and patents involved: 11

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

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

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02 FC:581

40.00 DP

## 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

*H B Keil*  
Signature

*9/27/01*  
Date

Total number of pages

## Assignment of Application

0050/051616

WHEREAS, I (WE)

*Bernd Sachweh, Großgasse 20a, 67149 Meckenheim, Germany*  
*Citizen of Germany*

*Camiel Heffels, Erfurterstr.4, 64579 Gernsheim, Germany*  
*Citizen of Netherlands*

*Matthias Rädle, Haalbergstr.18, 67273 Weisenheim am Berg, Germany*  
*Citizen of Germany*

*Helmut Biermann, Ankerstraße 2a, 67240 Bobenheim-Roxheim, Germany*  
*Citizen of Germany*

*Hans Jürgen Eisen, Heinrich-Brüning-Str.7a, 67071 Ludwigshafen, Germany*  
*Citizen of Germany*

*Jürgen Etmüller, Brandenburger Str. 17, 67454 Haßloch, Germany*  
*Citizen of Germany*

*Johannes G Reuvers, Bahnhofstr.50, 67591 Hohen-Sülzen, Germany*  
*Citizen of Canada*

respectively, have invented certain new and useful improvements in

Method and apparatus for determining physical collective  
parameters of particles in gases

for which an application for Letters Patent was executed on

(Application No. 09/915,308 , filed July 27, 2001 ), 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.

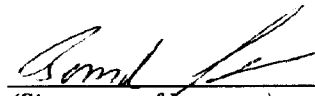
I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the 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 & Weinkauff**, 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.

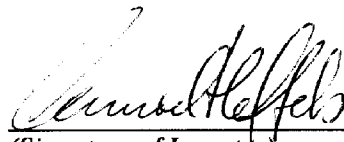
0050/051616

Date: August 15, 2001

  
(Signature of Inventor)

Bernd Sachweh

Date: August 15, 2001

  
(Signature of Inventor)

Camiel Heffels

Date: August 15, 2001

  
(Signature of Inventor)

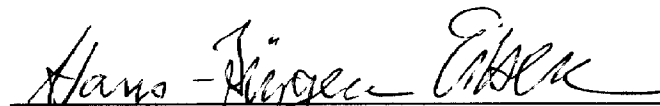
Matthias Rädle

Date: August 15, 2001

  
(Signature of Inventor)

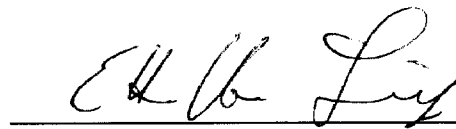
Helmut Biermann

Date: August 15, 2001

  
(Signature of Inventor)

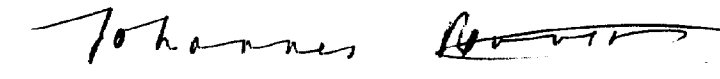
Hans Jürgen Eisen

Date: August 15, 2001

  
(Signature of Inventor)

Jürgen Etmüller

Date: August 15, 2001

  
(Signature of Inventor)

Johannes G. Reuvers