

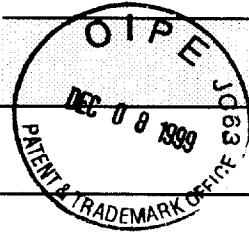
12-23-1999



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REI



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

1. Name(s) of Conveying Party(ies):

Jürgen Koch, Manfred Koschlig, Harald Krappitz, Wolfgang Weber, Klaus Lönne, and Klaus Schmitt

2. Name(s) and Address(es) of Receiving Party(ies):

(1) 50% Undivided Interest
DEGUSSA-HÜLS AKTIENGESELLSCHAFT
Weissfrauenstrasse 9
DE-60311 Frankfurt, Germany

(2) 50% Undivided Interest
FEDERAL-MOGUL SEALING SYSTEMS GmbH
Hermann-Goetze-Strasse
D-57562 Herdorf, Germany

3. Nature of Conveyance:

Assignment

Execution Date:

November 5, 1999; November 6, 1999; November 16, 1999; November 5, 1999; November 15, 1999; and November 15, 1999, respectively

4A. Patent Application No.(s):

09/381,269

Application Execution Date:

November 5, 1999; November 6, 1999; November 16, 1999; November 5, 1999; November 15, 1999; and November 15, 1999, respectively

4B. Patent No.(s):

5. Name and Address of Party to Whom Correspondence Regarding This Document Should Be Mailed:

SMITH, GAMBRELL & RUSSELL, LLP
The Beveridge, DeGrandi, Weilacher & Young Intellectual Property Group
Suite 800, 1850 M Street N.W., Washington, D.C. 20036
Telephone - (202) 659-2811; Facsimile - (202) 659-1462

Attorney Docket No.:

32301B062

6. Total Number of Applications and Patents involved:

ONE

7. Total Fee:

\$40.00

(Enclosed. Please charge any deficiency or refund any excess to counsel's deposit account.)

8. Deposit Account No.: 02-4300

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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.

12/22/1999 TTON11 00000114 09381269

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William F. Rauchholz
40.00 DP

William F. Rauchholz, Registration No. 34,701

December 8, 1999
Date

Total Number of Pages (including cover sheet): 17

A S S I G N M E N T

WHEREAS the undersigned (hereinafter "ASSIGNORS") have invented certain new and useful improvements in

**SOLDER PASTE FOR THE PRODUCTION OF GEOMETRIC METAL STRUCTURES
WITH PRECISE CONTOURS,**

for which an application for United States Letters Patent was filed on September 20, 1999 (U.S. Patent Appln. No. _____), claiming the benefit of PCT International Appln. No. PCT/EP98/01530, filed March 17, 1998 and German priority patent application 197 11 562.4, filed March 20, 1997;

WHEREAS, DEGUSSA-HÜLS AKTIENGESELLSCHAFT,
Weissfrauenstrasse 9,
D-60311 Frankfurt am Main 1, Germany

a German Corporation, is desirous of acquiring a 50% undivided right, title, and interest in and to the above-identified invention and in and to the above-identified U.S. patent application relating to the invention; and

WHEREAS, FEDERAL-MOGUL SEALING SYSTEMS GmbH
Hermann-Goetze-Strasse
D-57562 Herdorf, Germany

a German Corporation, is desirous of acquiring a 50% undivided right, title, and interest in and to the above-identified invention and in and to the above-identified U.S. patent application relating to the invention (Degussa-Hüls AG and

Federal-Mogul Sealing Systems GmbH are collectively referred to herein as "ASSIGNEES").

NOW, THEREFORE, in view of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the ASSIGNORS hereby sell, assign, and transfer unto the ASSIGNEES, their full and exclusive right, title, and interest in and to the invention in the United States and all other countries, and the entire right, title, and interest in and to the above-identified U.S. patent application, and in and to any and all Letters Patent which may be granted thereon in the United States and all other countries, and in and to any and all divisions, reissues, continuations, and extensions thereof. By this ASSIGNMENT, each ASSIGNEE receives a 50% undivided right, title, and interest in and to the invention in the United States and all other countries, a 50% undivided right, title, and interest in and to the above-identified U.S. patent application, a 50% undivided right, title, and interest in and to any and all Letters Patent which may be granted thereon in the United States and all other countries, and a 50% undivided right, title, and interest in and to any and all divisions, reissues, continuations, and extensions thereof.

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issue any and all Letters Patents to the ASSIGNEES, as the assignees of the entire right, title, and interest in and to the same, for their sole use and for the use of their successors, legal representatives, and assigns, to the full end of the term for which said Letters Patents may be granted as fully and entirely as the same would have been held by the ASSIGNORS had this ASSIGNMENT and sale not been made.

Further, the ASSIGNORS agree to communicate to said ASSIGNEES, or their representatives, any facts known to the ASSIGNORS respecting the invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination, and reissue applications, execute all necessary assignment papers to cause any and all Letters Patents to be issued to the ASSIGNEES, make all rightful oaths and generally do everything necessary or desirable to aid the ASSIGNEES, their successors and assigns, to obtain and enforce proper protection for the invention.

The ASSIGNORS authorize any attorneys and agents who have a power of attorney in this application to check any appropriate boxes and to insert the Application Number in this document after it has been executed.

IN TESTIMONY WHEREOF, we have hereunto set our hands:

Signatures

Dates

In the Presence of:

Jürgen Koch

Jürgen KOCH

11/05/99

Muge Fallheier

I. FALLHEIER

Manfred KOSCHLIG

Harald KRAPPITZ

Wolfgang Weber

Wolfgang WEBER

11/05/99

Muge Fallheier

I. FALLHEIER

Klaus LÖNNE

Klaus SCHMITT

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Dates

In the Presence of:

Jürgen KOCH

Manfred Koschlig
Manfred KOSCHLIG

11/06/99

Katja Hagenend
KATJA HAGENEND

Harald KRAPPITZ

Wolfgang WEBER

Klaus LÖNNE

Klaus SCHMITT

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D-57562 Herdorf, Germany

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Dates


In the Presence of:

Jürgen KOCH

Manfred KOSCHLIG


Harald KRAPPITZ

11.16.1999


Ruth Krappitz

Wolfgang WEBER

Klaus LÖNNE

Klaus SCHMITT

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Jürgen KOCH

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Harald KRAPPITZ

Wolfgang WEBER

Klaus Lönne 11.15.1999

Klaus LÖNNE

u.l.
Dr. Hans-Ludwig Hirsch

Klaus Schmitt 11.15.1999

Klaus SCHMITT

u.l.
Dr. Hans-Ludwig Hirsch