

RE

04-16-2002

\$D



TO THE ASSISTANT COMMISSIONER FOR P

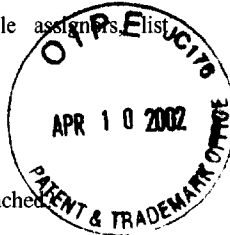
102056020

ments or copy thereof.

1. Name of conveying party(ies): (If multiple assignors, list numerically)

- (1) Van Hiep Hoang
(2) Herbert Pingel
(3) Karl Johann Lampe

4-10-02



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

Name: Krupp Polysius AG
Address: Graf-Galen-Str. 17,
59269 Beckum, Germany

Additional name(s) of conveying party(ies) attached?

() Yes(X) No

Additional name(s) of receiving party(ies) attached?

() Yes(X) No

3. Nature of conveyance:

- (X) Assignment
() Merger
() Security Agreement
() Change of Name
() Other:

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

() Application(s) filed herewith

(X) Patent Application No.: 09/959,017

Filing Date: October 12, 2001

Execution Date: (If multiple assignors, list execution dates in numerical order corresponding to numbers indicated in 1 above)

- (1) January 28, 2002
(2) January 28, 2002
(3) January 28, 2002

() Patent No.:

Issue Date:

Additional numbers attached? () Yes (X) No

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

Name: Yasuo Muramatsu
Muramatsu & Associates
Internal Address: Second Floor
Street Address: 7700 Irvine Center Drive, Suite 225
City: Irvine State: CA ZIP: 92618
Attorney's Docket No.: ANWAL.035AUS

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

- (X) Enclosed
() Authorized to be charged to deposit account

8. Deposit account number:

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

6. Total number of applications and patents involved: 1

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.

Yasuo Muramatsu
Name of Person Signing

Yasuo Muramatsu
Signature

3/15/02
Date

38,684
Registration No.

Total number of pages including cover sheet, attachments and document: 2

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

Assistant Commissioner for Patents
Box Assignments
Washington, D.C. 20231

04/15/2002 LHMELLER 00000260 09999017

01 FC:581

40.00 SP

TRS-ASN-AW35
031502

ASSIGNMENT

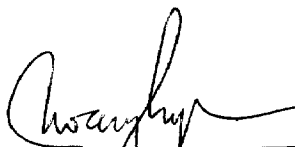
WHEREAS, WE, **Van Hiep Hoang**, a citizen of Germany, a resident of Weseler Str. 59, 48151 Munster, Germany, **Herbert Pingel**, a citizen of USA, a resident of 7243 Lake View, Lane Hiram, Georgia 30141, USA, and **Karl Johann Lampe**, a citizen of Germany, a resident of Martinstr. 12, 59320 Ennigerloh, Germany, have invented certain new and useful improvements in **APPARATUS FOR THE THERMAL TREATMENT OF MATERIAL**, for which I filed a PCT national stage application for Letters Patent in the United States Patent and Trademark Office on October 12, 2001 with the assigned Application No. 09/959,017;

AND WHEREAS, **Krupp Polysius AG** (hereinafter "ASSIGNEE"), a German corporation, with its principal place of business at Graf-Galen-Str. 17, 59269 Beckum, Germany, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

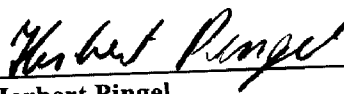
NOW, THEREFORE, in the receipt of valuable consideration which is hereby acknowledged, I, the said inventor, do hereby acknowledge that WE have sold, assigned, transferred and set over, and I do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and WE hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that WE will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

This 28 day of Jan 2002


Van Hiep Hoang

This 18 day of Jan 2002


Herbert Pingel

This 18 day of Jan 2002


Karl Johann Lampe