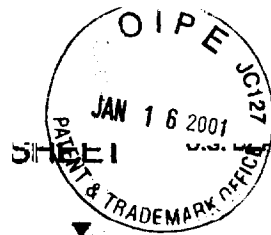


01-23-2001



FORM P-100 (Rev. 8-93) OMB No. 0851-0011 (exp. 4/94)

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DEPARTMENT OF COMMERCE Patent and Trademark Office

Tab settings

To the Honorable Commissioner of F.

Attached original documents or copy thereof.

1. Name of conveying party(ies): C. MRO 1.16.01
W. Haldenwanger Technische Keramic GmgH & Co.

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: February 10, 2000

2. Name and address of receiving party(ies)

Name: Morgan Crucible Company, PLC

Internal Address: _____

Street Address: Morgan House Hadeira Walk Windsor

Berkshire SLYIEP St. Britian
City: _____ State: _____ Zip: _____

Additional name(s) & address(es) attached? Yes No

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

US Patent No. 4,993,320

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 No

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

Name: Arnold S. Weintraub

Internal Address: _____

Plunkett & Cooney, Suite 3000

Street Address: 38505 Woodward Avenue

City: Bloomfield Hills State: MI ZIP: 48304

6. Total number of 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: _____

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

10/19/2000 MTHA11 00000298 4993320

FC:581 Statement and signature. 40.00 OP

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.

ARNOLD S. WEINTRAUB
Name of Person Signing

Arnold Weintraub
Signature

10/10/00
Date

Total number of pages including cover sheet, attachments, and document: 1

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

PATENT
REEL: 011436 FRAME: 0171

PATENT ASSIGNMENT

WHEREAS, W. Haldenwanger Technische Keramik GmbH & Co. ("ASSIGNOR"), a corporation of Germany, having a principal place of business at Pichelswerder Strasse 12, D-1000 Berlin 20, Federal Republic of Germany, is the owner of U.S. Letters Patent No. 4,993,320, as shown by the records of the United States Patent and Trademark Office, encompassing an invention entitled "INKING ROLLER AND METHOD FOR THE PRODUCTION THEREOF" ("the Patent"); and,

WHEREAS, The Morgan Crucible Company PLC ("ASSIGNEE"), a company of Great Britain, having a principal place of business at Morgan House, Madeira Walk, Windsor, Berkshire SL4 IEP Great Britain, has entered into a contract with ASSIGNOR to acquire the entire right, title and interest in and to the Patent;


NOW, THEREFORE, for the sum of One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR does hereby assign and transfer to ASSIGNEE, its successors and assigns, the entire right, title and interest in and to the Patent, and to any improvements on said invention encompassed thereby heretofore or hereafter made, and to any divisionals, reissues, continuations and/or extensions of the Patent, together with the goodwill symbolized by and associated with the business conducted in connection with the Patent and any part thereof, and all income, royalties, damages and payments now or hereafter due or payable in respect thereto and in and to all causes of action, either in law or in equity, for past, present, or future infringement based on the Patent, and in and to all rights corresponding to the foregoing throughout the world.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and the Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same

in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and the Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

W. Haldenwanger Technische Keramik GmbH & Co.



Name Printed: Dr. Hubertus Peter

Title: Managing Director / Geschäftsführer

Signed and Sealed this 10th day of February, 2000.

After recordation return this assignment to:

Arnold S. Weintraub
Plunkett & Cooney
505 North Woodward
Suite 3000
Bloomfield Hills, Michigan 48304
United States of America