

12-22-1998

K-1404



FORM PTO-1596
(Rev. 6-93)

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SHEET

U.S. DEPARTMENT OF COMMERCE
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CMB No. 0851-0011 (rev. 4/94)

PATENTS ONLY

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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): MRA 12-10-98

William R. Shaffer

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

2. Name and address of receiving party(ies)

Name: KENNAMETAL INC.

Internal Address: Stanislav Antolin

Phone: 724-539-5485

Fax: 724-539-5903

Street Address: 1600 Technology Way

P. O. Box 231

City: Latrobe State: PA ZIP: 15650

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

3. Nature of conveyance:

Assignment

Merger

Security Agreement

Change of Name

Other _____

Execution Date: December 10, 1998

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: November 30, 1998

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: Stanislav Antolin

Internal Address: Phone: 724-539-5485

Fax: 724-539-5903

Street Address: KENNAMETAL INC.
1600 Technology Way

P. O. Box 231

City: Latrobe State: PA ZIP: 15650

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:

11-0508

(Please do not use this space for payment by deposit account)

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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.

Stanislav Antolin

Name of Person Signing

[Signature]
Signature

December 10, 1998

Date

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20540

PATENT
REEL: 9644 FRAME: 0714

ASSIGNMENT

Whereas, William R. Shaffer of 106 Magnolia Drive, Greensburg, Pennsylvania 15601, U. S. A., has made application for Letters Patent of the United States, entitled ELONGATE SUPPORT MEMBER AND METHOD OF MAKING THE SAME, said application having been executed

November 30, 1998;

(month day year)

(serial number, if any)

And Whereas, Kennametal Inc., a corporation of the Commonwealth of Pennsylvania of P.O. Box 231, Latrobe, Pennsylvania 15650 is desirous of acquiring an interest in the same;

Now, therefore, in consideration of One (\$1.00) dollar, and other good and valuable consideration, the receipt of which is hereby acknowledged, he hereby assigns, sells, and sets over unto the said Kennametal Inc. its successors, assigns and legal representatives, the entire right, title and interest in and to said invention for the United States and their territories and all foreign countries, and in and to said Letters Patent, divisions, continuations, continuations-in-part, reissues and extensions thereof in the United States and all foreign countries (including the right to apply for Letters Patent in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), and hereby requests that said Letters Patent issue accordingly. For said consideration said William R. Shaffer agrees for himself, and for his heirs, executors and administrators, to execute without further consideration all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to Kennametal Inc. or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said applications and securing patents thereon.

In Testimony Thereof, he executes this assignment this 10th day of December, 1998.

William R. Shaffer
(signature of assignor)

Esther K. Novotny
(witness)

Roberta E. Perich
(witness)