

RECORDATION FORM COVER
PATENTS ONLY

KG-1710
02-09-2001



COMMERCE
mark Office

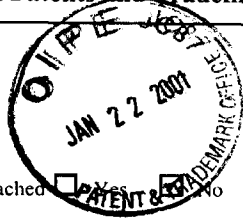
101610603

To the Honorable Commissioner of Patents and Trademarks: Please record this document as a true and correct copy thereof.

1. Name of conveying party(ies):

Micheal D. Boyd

1-28-01



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

2. Name and address of receiving party(ies)

Name: KENNAMETAL INC.

Internal Address: P. O. Box 231

Street Address: 1600 Technology Way

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: November 14, 2000

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 14, 2000

A. Patent Application No.(s)

09/680,360

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: John J. Prizzi

Internal Address: KENNAMETAL INC.

P. O. Box 231

Street Address: 1600 Technology Way

City: Latrobe State: PA ZIP: 15650

6. Total number of applications and patents involved:

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

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

11-0508

DO NOT USE THIS SPACE

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.

John J. Prizzi
Name of Person Signing

January 17, 2001
Date

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

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

ASSIGNMENT

Whereas, Micheal D. Boyd of 1701 Beth Drive, Rogers, Arkansas 72756, U. S. A., has made application for Letters Patent of the United States, entitled CUTTING INSERT FOR PERCUSSION DRILL BIT, said application having been executed

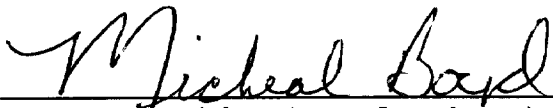
November 14, 2000
(month day year)

09/680,360 filed October 5, 2000;
(serial number, if any)

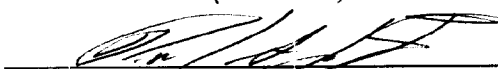
And Whereas, Kennametal Inc., a corporation of the Commonwealth of Pennsylvania of P.O. Box 231, Latrobe, Pennsylvania 15650, is desirous of acquiring an interest in the same;

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 Micheal D. Boyd 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 14th day of November, 2000.


(signature of assignor)


(witness)


(witness)