

09-19-2001



101848712

Case No.: K-1777

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Honorable Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Yixiong Liu  
Joseph M. Tauber  
Charles Erik Bauer

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: September 4, 2001, September 4, 2001, and  
September 5, 2001, respectively

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: September 4, 2001;  
September 4, 2001; and September 5, 2001, respectively

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: John J. Prizzi

Internal Address: KENNAMETAL INC.  
Phone: 724-539-5331; Fax: 724-539-5903  
P. O. Box 231

Street Address: 1600 Technology Way

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

09/18/2001 LNUELLER 00000147 110508 09946545  
01 FC:581 40.00 CH

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

Signature

September 5, 2001  
Date

Total number of pages including cover sheet, attachments, and document: 5

Mail documents to be recorded with required cover sheet information to:  
Assistant Commissioner for Patents, Box Assignments, Washington, DC 20231

PATENT  
REEL: 012163 FRAME: 0659

**ASSIGNMENT**

Whereas, Yixiong Liu, of 317 Marigold Drive, Greensburg, Pennsylvania 15601, U. S. A., a citizen of the United States of America, has made application for Letters Patent of the United States, entitled "DIAMOND COATED CUTTING TOOL AND METHOD FOR MAKING THE SAME." said application having been executed

September 4, 2001;

(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 Yixiong Liu 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 4 day of September, 2001.

Yixiong Liu  
(signature of assignor)

[Signature]  
(witness)

                      
(witness)

**ASSIGNMENT**

Whereas, Joseph M. Tauber, of 11 Saxony Drive, Harrison City, Pennsylvania 15636, U.S.A., a citizen of the United States of America, has made application for Letters Patent of the United States, entitled "DIAMOND COATED CUTTING TOOL AND METHOD FOR MAKING THE SAME," said application having been executed

September 4, 2001

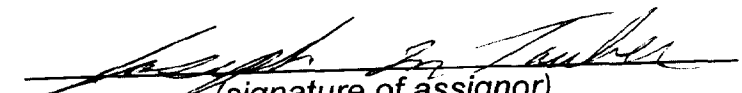
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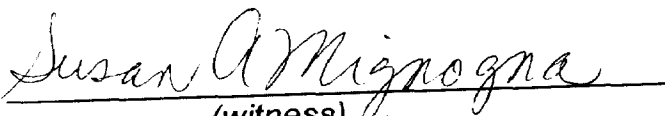
(serial number, if any)

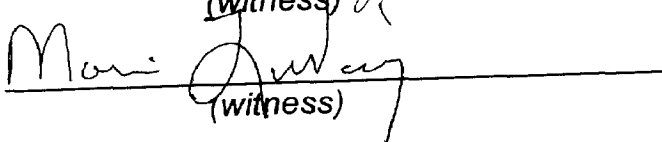
And Whereas, Kennametal Inc., a corporation of the Commonwealth of Pennsylvania, of P. O. Box 231, Latrobe, Pennsylvania 15650, is desirous of acquiring an interest in the same;

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 Joseph M. Tauber 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 Whereof, he executes this assignment this 4<sup>th</sup> day of September, 2001.

  
(signature of assignor)

  
(witness)

  
(witness)

**ASSIGNMENT**

Whereas, Charles Erik Bauer, of 423 Fox Hill Street, Greensburg, Pennsylvania 15601, U.S.A., a citizen of the United States of America, has made application for Letters Patent of the United States, entitled "DIAMOND COATED CUTTING TOOL AND METHOD FOR MAKING THE SAME," said application having been executed

September 5, 2001;  
(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 C. Erik Bauer 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 5 day of September, 2001.

C Erik Bauer  
(signature of assignor)

Arthur R. Hovatt  
(witness)  
John J. Gifford  
(witness)