

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Wayne H. Beach</td> <td>08/21/2008</td> </tr> <tr> <td>Stephen P. Stiffler</td> <td>08/22/2008</td> </tr> <tr> <td>Eric P. Helsel</td> <td>08/21/2008</td> </tr> <tr> <td>Donald E. Keller</td> <td>08/21/2008</td> </tr> </tbody> </table>		Name	Execution Date	Wayne H. Beach	08/21/2008	Stephen P. Stiffler	08/22/2008	Eric P. Helsel	08/21/2008	Donald E. Keller	08/21/2008
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Wayne H. Beach	08/21/2008										
Stephen P. Stiffler	08/22/2008										
Eric P. Helsel	08/21/2008										
Donald E. Keller	08/21/2008										
RECEIVING PARTY DATA											
Name:	KENNAMETAL INC.										
Street Address:	1600 Technology Way										
Internal Address:	P.O. Box 231										
City:	Latrobe										
State/Country:	PENNSYLVANIA										
Postal Code:	15650										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12200260</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12200260						
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Application Number:	12200260										
CORRESPONDENCE DATA											
Fax Number:	(724)539-5903										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	724-539-5485										
Email:	k-corp-ip.group@kennametal.com										
Correspondent Name:	KENNAMETAL INC.										
Address Line 1:	1600 Technology Way										
Address Line 2:	P.O. Box 231										
Address Line 4:	Latrobe, PENNSYLVANIA 15650										
ATTORNEY DOCKET NUMBER:	K-2461										
NAME OF SUBMITTER:	Matthew W. Gordon										

CH \$40.00 12200260

Total Attachments: 4

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ASSIGNMENT

Whereas, Wayne H. Beach of 190 Closson Road, Roaring Spring, Pennsylvania, 16673, U. S. A., has made application for Letters Patent of the United States, entitled CUTTING TOOL WITH WATER INJECTION TO THE CUTTING IT SHANK, said application having been executed

August 28, 2008

12/200260

*(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 Wayne H. Beach 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 21 day of August, 2008.

Wayne H. Beach
(Wayne H. Beach)

W. Thomas Heit
(witness)

Keith E. Beach
(witness)

ASSIGNMENT

Whereas, Stephen P. Stiffler of 2009 Salemville Road, New Enterprise, Pennsylvania, 16664, U. S. A., has made application for Letters Patent of the United States, entitled CUTTING TOOL WITH WATER INJECTION TO THE CUTTING IT SHANK , said application having been executed

August 28, 2008

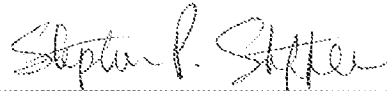
12/200260

*(month day year)**(serial number, if any)*

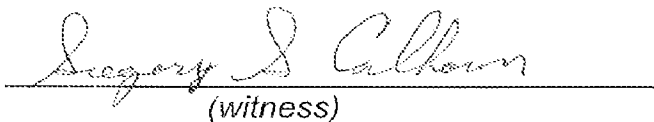
And Whereas, Kennametal Inc., a corporation of the Commonwealth of Pennsylvania of P.O. Box 231, Latrobe, Pennsylvania 15650 is desirous of acquiring an interest in the same;

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 Stephen P. Stiffler 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.

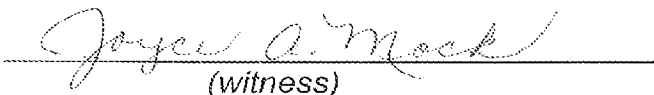
In Testimony Thereof, he executes this assignment this 22 day of AUGUST, 2008.



(Stephen P. Stiffler)



(witness)



(witness)

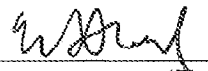
ASSIGNMENT

Whereas, Eric P. Helsel of 107 R Lane, New Enterprise, Pennsylvania, 16664, U. S. A., has made application for Letters Patent of the United States, entitled CUTTING TOOL WITH WATER INJECTION TO THE CUTTING IT SHANK, said application having been executed August 28, 2008 12/200260;
 (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 Eric P. Helsel 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.

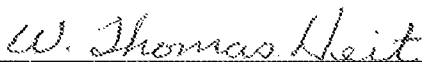
In Testimony Thereof, he executes this assignment this 21 day of August, 2008.



 (Eric P. Helsel)



 (witness)



 (witness)

ASSIGNMENT

Whereas, Donald E. Keller of 5200 Forest Avenue, Bedford, Pennsylvania, 15522, U. S. A., has made application for Letters Patent of the United States, entitled CUTTING TOOL WITH WATER INJECTION TO THE CUTTING IT SHANK , said application having been executed

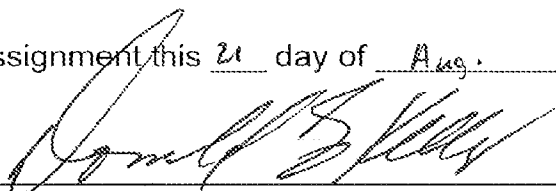
August 28, 2008
(month day year)

12/200260
(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 Donald E. Keller 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.

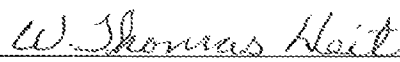
In Testimony Thereof, he executes this assignment this 21 day of Aug., 2008.



(Donald E. Keller)



(witness)



(witness)