

# PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Terry W. Kirk	06/02/2006
Brian R. Nussbaum	05/15/2006
Jon W. Bitler	06/06/2006
<b>RECEIVING PARTY DATA</b>	
Name:	Kennametal Inc.
Street Address:	1600 Technology Way, P. O. Box 231
City:	Latrobe
State/Country:	PENNSYLVANIA
Postal Code:	15650-0231
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	11396109
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(724)539-5903
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	724-539-3848
Email:	matthew.smith@kennametal.com
Correspondent Name:	Matthew W. Smith
Address Line 1:	1600 Technology Way, P. O. Box 231
Address Line 4:	Latrobe, PENNSYLVANIA 15650-0231
ATTORNEY DOCKET NUMBER:	K-2360
NAME OF SUBMITTER:	Matthew W. Smith
<p>Total Attachments: 3</p> <p>source=K2360 Assignment 6-8-06#page1.tif</p> <p>source=K2360 Assignment 6-8-06#page2.tif</p>	

CH \$40.00 11396109

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**PATENT**  
**REEL: 017747 FRAME: 0560**



**ASSIGNMENT**

Whereas, Terry W. Kirk, of 1298 N. Futrell 10, Fayetteville, Arkansas 72703, a citizen of the U.S.A., has made application for Letters Patent of the United States, entitled **HARD COMPOSITE CUTTING INSERT AND METHOD OF MAKING THE SAME**, said application having been executed

June 2, 2006(month day year)11/396,109, filed March 31, 2006(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 Terry W. Kirk 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 2 day of June, 2006.

Terry W. Kirk  
(signature of assignor)

[Signature]  
(witness)

[Signature]  
(witness)

**ASSIGNMENT**

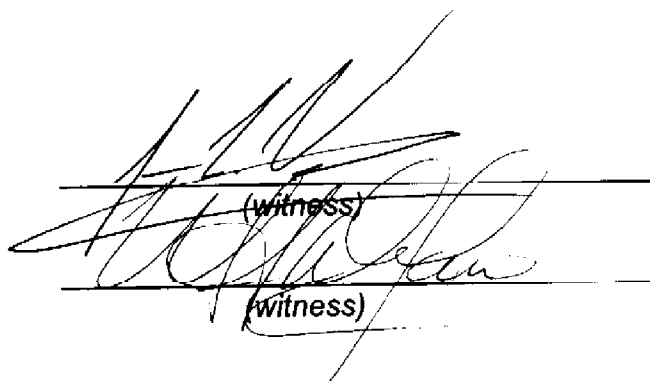
Whereas, Brian R. Nussbaum, of 18200 Westfield Place Drive, Apartment 214, Houston, Texas 77090, a citizen of the U.S.A., has made application for Letters Patent of the United States, entitled **HARD COMPOSITE CUTTING INSERT AND METHOD OF MAKING THE SAME**, said application having been executed

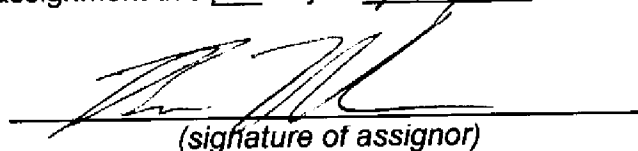
May 15, 2006 11/396,109, filed March 31, 2006;  
(month day year) (serial number, if any)

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 Brian R. Nussbaum 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 15 day of May, 2006.

  
(witness)  
(witness)

  
(signature of assignor)

**ASSIGNMENT**

Whereas, Jon W. Bitler, of 476 East Fritz Court, Fayetteville, Arkansas 72701, a citizen of the U.S.A., has made application for Letters Patent of the United States, entitled **HARD COMPOSITE CUTTING INSERT AND METHOD OF MAKING THE SAME**, said application having been executed

June 6, 2006 11/396,109, filed March 31, 2006;  
(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 Jon W. Bitler 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 6<sup>TH</sup> day of JUNE, 2006.

Harold E. Kelley  
(witness)  
Philip S. Kelly  
(witness)

Jon W. Bitler  
(signature of assignor)

**PATENT**