

**PATENT ASSIGNMENT**

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT								
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT								
<b>CONVEYING PARTY DATA</b>									
<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>Vaishali Bhagwanbhai Patel</td> <td>05/25/2007</td> </tr> <tr> <td>Donald W. Bucholz</td> <td>12/10/2007</td> </tr> <tr> <td>Kevin M. Singer</td> <td>06/25/2007</td> </tr> </tbody> </table>		Name	Execution Date	Vaishali Bhagwanbhai Patel	05/25/2007	Donald W. Bucholz	12/10/2007	Kevin M. Singer	06/25/2007
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Kevin M. Singer	06/25/2007								
<b>RECEIVING PARTY DATA</b>									
<b>Name:</b>	Kennametal Inc.								
<b>Street Address:</b>	1600 Technology Way								
<b>Internal Address:</b>	P.O. Box 231								
<b>City:</b>	Latrobe								
<b>State/Country:</b>	PENNSYLVANIA								
<b>Postal Code:</b>	15650								
<b>PROPERTY NUMBERS Total: 1</b>									
<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>11786891</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11786891				
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Application Number:	11786891								
<b>CORRESPONDENCE DATA</b>									
<b>Fax Number:</b>	(724)539-5903								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
<b>Phone:</b>	724-539-5331								
<b>Email:</b>	k-corp-ip.group@kennametal.com								
<b>Correspondent Name:</b>	Kennametal Inc.								
<b>Address Line 1:</b>	1600 Technology Way								
<b>Address Line 2:</b>	P.O. Box 231								
<b>Address Line 4:</b>	Latrobe, PENNSYLVANIA 15650								
<b>ATTORNEY DOCKET NUMBER:</b>	K-2454								
<b>NAME OF SUBMITTER:</b>	John J. Prizzi								
Total Attachments: 3									

**CH \$40.00 11786891**

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**ASSIGNMENT**

Whereas, Vaishali Bhagwanbhai Patel, of 1709 Somerset Place, Apartment #3, Louisville, Kentucky 40220, a citizen of India, has made application for Letters Patent of the United States, entitled **ARTICLES HAVING WEAR-RESISTANT COATINGS AND PROCESSES FOR MAKING THE SAME**, said application having been executed \_\_\_\_\_  
*(month day year)* *(serial number, if any)* 11/786,891, filed April 13, 2007;

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, she 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 Vaishali Bhagwanbhai Patel agrees for herself, and for her 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, she executes this assignment this 25 day of MAY, 2007.

V. B. Patel  
\_\_\_\_\_  
*(signature of assignor)*

Matthew J. ... P.E.  
\_\_\_\_\_  
*(witness)*  
J. A. J.  
\_\_\_\_\_  
*(witness)*

**ASSIGNMENT**

Whereas, Donald W. Bucholz, of 8609 Eagle Trail, Charlestown, Indiana 47111, a citizen of the U.S.A., has made application for Letters Patent of the United States, entitled **ARTICLES HAVING WEAR-RESISTANT COATINGS AND PROCESSES FOR MAKING THE SAME**, said application having been executed

December 10, 2007 11/786,891, filed April 13, 2007 ;  
 (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 Donald W. Bucholz 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 10<sup>th</sup> day of December, 2007.

Donald W. Bucholz  
 (signature of assignor)

Henry M. Eisenmann 12/10/07  
 (witness)  
Dainmon  
 (witness)

**ASSIGNMENT**

Whereas, Kevin Michael Singer, of 3614 Deibel Way, Louisville, Kentucky 40220, a citizen of the U.S.A., has made application for Letters Patent of the United States, entitled **ARTICLES HAVING WEAR-RESISTANT COATINGS AND PROCESSES FOR MAKING THE SAME**, said application having been executed

\_\_\_\_\_ 11/786,891, filed April 13, 2007 \_\_\_\_\_;  
 (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 Kevin Michael Singer 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 25<sup>th</sup> day of June, 2007.

Kevin M. Singer  
 (signature of assignor)

R. G. M. J.  
 (witness)

Brenda McMillan  
 (witness)