

PATENT ASSIGNMENT

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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>Thomas J. Long II</td> <td>01/31/2006</td> </tr> <tr> <td>Jeffrey F. Kovac</td> <td>01/31/2006</td> </tr> <tr> <td>Ruy Frota de Souza Filh</td> <td>01/31/2006</td> </tr> </tbody> </table>		Name	Execution Date	Thomas J. Long II	01/31/2006	Jeffrey F. Kovac	01/31/2006	Ruy Frota de Souza Filh	01/31/2006
Name	Execution Date								
Thomas J. Long II	01/31/2006								
Jeffrey F. Kovac	01/31/2006								
Ruy Frota de Souza Filh	01/31/2006								
RECEIVING PARTY DATA									
Name:	Kennametal Inc.								
Street Address:	1600 Technology Way, P. O. Box 231								
Internal Address:	Kennametal Inc.								
City:	Latrobe								
State/Country:	PENNSYLVANIA								
Postal Code:	15650-0231								
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>11281275</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11281275				
Property Type	Number								
Application Number:	11281275								
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:	larry.meenan@kennametal.com								
Correspondent Name:	Larry R. Meenan								
Address Line 1:	1600 Technology Way, P. O. Box 231								
Address Line 2:	Kennametal Inc.								
Address Line 4:	Latrobe, PENNSYLVANIA 15650-0231								
ATTORNEY DOCKET NUMBER:	K-2350								
NAME OF SUBMITTER:	Larry R. Meenan								

CH \$40.00 11281275

Total Attachments: 3

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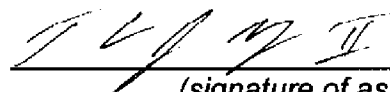
ASSIGNMENT

Whereas, Thomas J. Long, II, of 403 Westland Drive, Greensburg, Pennsylvania 15601,
a citizen of the U.S.A., has made application for Letters Patent of the United States, entitled
CUTTING TOOL WITH STRESS SPLITTER, said application having been executed
January 31, 2006 11/281,275, filed November 17, 2005 ;
(month day year) (serial number, if any)

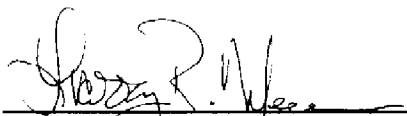
And Whereas, Kennametal Inc., a corporation of the Commonwealth of Pennsylvania, of
P. O. Box 231, Latrobe, Pennsylvania 15650, is desirous of acquiring an interest in the same;

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 Thomas J. Long, II 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.

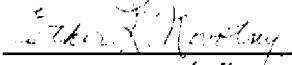
In Testimony Thereof, he executes this assignment this 31st day of January, 2006.



(signature of assignor)



(witness)



(witness)

ASSIGNMENT

Whereas, Jeffrey F. Kovac, of 134 Loyalhanna Avenue, Loyalhanna, Pennsylvania 15661, a citizen of the U.S.A., has made application for Letters Patent of the United States, entitled **CUTTING TOOL WITH STRESS SPLITTER**, said application having been executed January 31, 2006 11/281,275, filed November 17, 2005 ;
 (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 Jeffrey F. Kovac 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 31 day of January, 2006. *JFK*

[Signature]
 (witness)

[Signature]
 (witness)

[Signature]
 (signature of assignor)

ASSIGNMENT

Whereas, Ruy Frota de Souza, Filho, of 639 Rose Garden Terrace, Latrobe, Pennsylvania 15650, a citizen of Brazil, has made application for Letters Patent of the United States, entitled **CUTTING TOOL WITH STRESS SPLITTER**, said application having been executed

January 31, 2006

11/281,275, filed November 17, 2005

(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 Ruy Frota de Souza, Filho 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 31 day of JANUARY, 2006.

[Handwritten Signature]

(witness)

[Handwritten Signature]

(witness)

[Handwritten Signature]

(signature of assignor)

PATENT