

# PATENT ASSIGNMENT

Electronic Version v1.1

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Willard E. Henderer	04/28/2004
Alan L. Barrows	04/03/2004
Steven R. Burns	05/06/2004
Dennis J. Greene	06/01/2004
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Kennametal Inc.
<b>Street Address:</b>	1600 Technology Way, P. O. Box 231
<b>Internal Address:</b>	Kennametal Inc.
<b>City:</b>	Latrobe
<b>State/Country:</b>	PENNSYLVANIA
<b>Postal Code:</b>	15650-0231
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	10862870
<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>	724-539-5485
<b>Email:</b>	larry.meenan@kennametal.com
<b>Correspondent Name:</b>	Larry R. Meenan
<b>Address Line 1:</b>	1600 Technology Way, P. O. Box 231
<b>Address Line 2:</b>	Kennametal Inc.
<b>Address Line 4:</b>	Latrobe, PENNSYLVANIA 15650-0231
<b>NAME OF SUBMITTER:</b>	Larry R. Meenan
Total Attachments: 4	

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**PATENT**  
**REEL: 015050 FRAME: 0429**

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**ASSIGNMENT**

Whereas, Willard E. Henderer, of 745 Magruder Landing, Evans, Georgia 30809, U.S.A., a citizen of the United States, has made application for Letters Patent of the United States, entitled **LOW TORQUE TAP**, said application having been executed April 28, 2004;

(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 Willard E. Henderer 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 28 day of April, 2004.

Willard E. Henderer  
(signature of assignor)

John J. Henderer  
(witness)  
Luigi Waters  
(witness)

**ASSIGNMENT**

Whereas, Alan L. Barrows, of 8 Frost Lane, Hadley, Massachusetts 01035, U.S.A., a citizen of the United States, has made application for Letters Patent of the United States, entitled **LOW TORQUE TAP**, said application having been executed

April 3, 2004 \_\_\_\_\_;

(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 Alan L. Barrows 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 3 day of APRIL, 2004.

Alan L. Barrows  
(signature of assignor)

Alan J. Cusack  
(witness)

William J. Cusack  
(witness)

**ASSIGNMENT**

Whereas, Steven R. Burns, of 1822 Whitehill Road, East Ryegate, Vermont 05042, U.S.A., a citizen of the United States, has made application for Letters Patent of the United States, entitled LOW TORQUE TAP, said application having been executed  
April 28, 2004;

(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 Steven R. Burns 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 28<sup>th</sup> day of April, 2004.

[Signature]  
(signature of assignor)

[Signature]  
(witness)

[Signature]  
(witness)

**ASSIGNMENT**

Whereas, Dennis J. Greene, of 35 West Mountain Road, Bernardston, Massachusetts 01337, U.S.A., a citizen of the United States, has made application for Letters Patent of the United States, entitled **LOW TORQUE TAP**, said application having been executed

June 1, 2004;

(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 Dennis J. Greene 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 1 day of June, 2004.

Dennis J. Greene  
(signature of assignor)

William C. Brown 6/1/04  
(witness)

William C. Brown 6/1/04  
(witness)

**PATENT**