

## PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Ray C. Macintyre</td> <td>05/17/2012</td> </tr> <tr> <td>William P. Prezlock</td> <td>05/25/2012</td> </tr> </tbody> </table>		Name	Execution Date	Ray C. Macintyre	05/17/2012	William P. Prezlock	05/25/2012				
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<table border="1"> <tr> <td>Name:</td> <td>Kennametal Inc.</td> </tr> <tr> <td>Street Address:</td> <td>1600 Technology Way</td> </tr> <tr> <td>City:</td> <td>Latrobe</td> </tr> <tr> <td>State/Country:</td> <td>PENNSYLVANIA</td> </tr> <tr> <td>Postal Code:</td> <td>15650</td> </tr> </table>		Name:	Kennametal Inc.	Street Address:	1600 Technology Way	City:	Latrobe	State/Country:	PENNSYLVANIA	Postal Code:	15650
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CORRESPONDENCE DATA											
<p>Fax Number:</p> <p>Phone: 724-539-5485</p> <p>Email: k-corp.patents@kennametal.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: KENNAMETAL INC. Intellectual Property De</p> <p>Address Line 1: P.O. BOX 231</p> <p>Address Line 2: 1600 TECHNOLOGY WAY</p> <p>Address Line 4: LATROBE, PENNSYLVANIA 15650</p>											
ATTORNEY DOCKET NUMBER:	K-4122										
NAME OF SUBMITTER:	Benjamin T. Queen II										
<p>Total Attachments: 2</p> <p>source=K_4122_Assignment#page1.tif</p> <p>source=K_4122_Assignment#page2.tif</p>											

OP \$40.00 13494425

**ASSIGNMENT**

In accordance with my/our obligations under an Employment Agreement or (as applicable) arising out of other agreements, and/or for other good and valuable consideration of which I/we acknowledge receipt, I/we,

**Ray C. Macintyre**

of **947 Kauffman Road  
Alum Bank, PA 15521  
a citizen of the United States of America**

**William P. Prezlock**

of **219 Oak Ridge Avenue  
Bedford, PA 15522  
a citizen of the United States of America**

hereby sell and assign to Kennametal Inc., **a corporation of the Commonwealth of Pennsylvania**, (hereinafter referred to as Assignee) having an address at 1600 Technology Way, Latrobe, Pennsylvania 15650-0231, USA, its successors and assigns my (our) entire respective right(s), title(s) and interest(s) in and to the invention and improvements invented and originated by me/us and described in the application for United States Patent currently entitled:

**Cutting Bit with Hard Cutting Tip Centering and Braze Joint Control Feature**

☒ executed concurrently herewith,

☐ filed on \_\_\_\_\_ having Serial Number \_\_\_\_\_

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, reexaminations and reissues thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said inventions and improvements resulting therefrom to said Assignee, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Assignee, I/we will communicate to said Assignee or its representatives or nominees any facts known to me/us respecting said inventions and improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, reexamination and reissue applications, make all rightful oaths and generally do everything possible to aid said Assignee, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention and its improvements in all countries.

I/we, an inventor signing below, hereby authorize and request my attorneys associated with Customer Number 27877 to insert the application number and filing date, when known, into the assignment for this invention.

INVENTOR 1

Signature: Ray C. Mau Jr.  
Inventor Name

Date: 5/17/2012

Witnessed by: James R. Black  
Signature

Date: 5/17/2012

James R. Black  
Printed Name of Witness

Witnessed by: Robin L. Barkley  
Signature

Date: 5-17-2012

ROBIN L. BARKLEY  
Printed Name of Witness

INVENTOR 2

Signature: Don P. V.  
Inventor Name

Date: 5/25/2012

Witnessed by: Jacques B. Williams  
Signature

Date: 5/25/2012

JACQUES B. WILLIAMS  
Printed Name of Witness

Witnessed by: Donald E. Kewer  
Signature

Date: 5/25/2012

DONALD E. KEWER  
Printed Name of Witness