

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Stephen Michael George	08/13/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Kennametal Inc.
<b>Street Address:</b>	1600 Technology Way
<b>City:</b>	Latrobe
<b>State/Country:</b>	PENNSYLVANIA
<b>Postal Code:</b>	15650
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12485166
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(412)471-4094
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	4124718815
<b>Email:</b>	webblaw@webblaw.com
<b>Correspondent Name:</b>	The Webb Law Firm
<b>Address Line 1:</b>	700 Koppers Building
<b>Address Line 4:</b>	Pittsburgh, PENNSYLVANIA 15219
<b>ATTORNEY DOCKET NUMBER:</b>	K-2599//0687-090121
<b>NAME OF SUBMITTER:</b>	James G. Porcelli, Reg. No. 33,757
<b>Total Attachments: 2</b> source=TX6623#page1.tif source=TX6623#page2.tif	

OP \$40.00 12485166

### RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

Stephen Michael George

Additional name(s) of conveying party(ies) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) 08/13/2009

- Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other

**2. Name and address of receiving party(ies)**

Name: Kennametal Inc.

Internal Address: K-2599

Street Address: 1600 Technology Way

City: Latrobe

State: PA

Country: U.S.A. Zip: 15650

Additional name(s) & address(es) attached?  Yes  No

**4. Application or patent number(s):**

This document is being filed together with a new application.

A. Patent Application No.(s)

12/485,166

B. Patent No.(s)

Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: James G. Porcelli, Esq.

Internal Address: The Webb Law Firm

Street Address: 436 Seventh Avenue

700 Koppers Building

City: Pittsburgh

State: PA Zip: 15219

Phone Number: 412-471-8815

Fax Number: 412-471-4094

Email Address: webblaw@webblaw.com

**6. Total number of applications and patents involved:** 1

**7. Total fee (37 CFR 1.21(h) & 3.41) \$** 40.00

- Authorized to be charged by credit card  
 Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

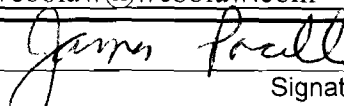
**8. Payment Information**

a. Credit Card Last 4 Numbers 4775  
Expiration Date 05/2012

b. Deposit Account Number 23-0650

Authorized User Name The Webb Law Firm

**9. Signature:**



Signature

August 21, 2009

Date

James G. Porcelli, Esq., Reg. No. 33,757

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

2

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

Doc. No.

**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, **STEPHEN MICHAEL GEORGE** 1206 Ventana Court, Evans, GA 30809 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:

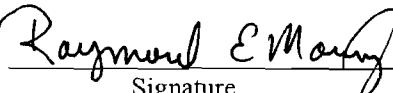
**TWIST DRILL WITH NEGATIVE AXIAL RAKE TRANSITION BETWEEN THE LIP AND THE SECONDARY CUTTING EDGE**

- executed concurrently herewith,
- filed on June 16, 2009, having Serial Number 12/485,166

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.

Signature:  Date: 8/13/2009  
STEPHEN MICHAEL GEORGE

Witnessed by:  Date: 8/13/2009  
Signature

Raymond E. Moring  
Printed Name of Witness

Witnessed by:  Date: 8/13/2009  
Signature

TROY F. WALTERS  
Printed Name of Witness