

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2696942

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>J. DENNY ROBERTSON</td> <td>11/15/2013</td> </tr> <tr> <td>PAVEL LEDYAN</td> <td>11/15/2013</td> </tr> <tr> <td>GREGORY G. HERNDON</td> <td>11/20/2013</td> </tr> </tbody> </table>		Name	Execution Date	J. DENNY ROBERTSON	11/15/2013	PAVEL LEDYAN	11/15/2013	GREGORY G. HERNDON	11/20/2013
Name	Execution Date								
J. DENNY ROBERTSON	11/15/2013								
PAVEL LEDYAN	11/15/2013								
GREGORY G. HERNDON	11/20/2013								
RECEIVING PARTY DATA									
Name:	KENNAMETAL INC.								
Street Address:	1600 TECHNOLOGY WAY								
City:	LATROBE								
State/Country:	PENNSYLVANIA								
Postal Code:	15650-0231								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14075832</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14075832				
Property Type	Number								
Application Number:	14075832								
CORRESPONDENCE DATA									
Fax Number:	(412)945-5933								
Phone:	412-471-8815								
Email:	assignments@webblaw.com								
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>									
Correspondent Name:	THE WEBB LAW FIRM								
Address Line 1:	ONE GATEWAY CENTER, 420 FT DUQUESNE BLVD								
Address Line 2:	SUITE 1200								
Address Line 4:	PITTSBURGH, PENNSYLVANIA 15222								
ATTORNEY DOCKET NUMBER:	0687-133482								
NAME OF SUBMITTER:	JAMES G. PORCELLI								
Signature:	/James G. Porcelli/								

Date:

01/24/2014

Total Attachments: 3

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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)

J. Denny Robertson
Pavel Ledyan
Gregory G. Herndon

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

2. Name and address of receiving party(ies)

Name: Kennametal Inc.

Internal Address: _____

Street Address: 1600 Technology Way

City: Latrobe

State: Pennsylvania

Country: USA Zip: 15650-0231

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

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

Execution Date(s) Nov. 15, 2013; Nov. 15, 2013; Nov. 20, 2013

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

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)
14/075,832

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: _____

Internal Address: The Webb Law Firm

Street Address: One Gateway Center
420 Ft. Duquesne Blvd., Ste 1200

City: Pittsburgh

State: PA Zip: 15222

Phone Number: 412-471-8815

Fax Number: 412-945-5933

Email Address: assignments@webblaw.com

6. Total number of applications and patents involved: 1

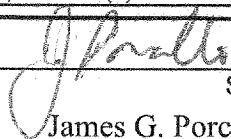
- 7. Total fee (37 CFR 1.21(h) & 3.41) \$ _____**
- Authorized to be charged by credit card
 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers 1916
Expiration Date 05/2015

b. Deposit Account Number 23-0650

Authorized User Name _____

9. Signature:

Signature

January 24, 2014

Date

James G. Porcelli

Name of Person Signing

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

3

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

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,

J. DENNY ROBERTSON	of	Rogers, AR
PAVEL LEDYAN	of	Bentonville, AR
GREGORY G. HERNDON	of	Rogers, AR

of

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:

executed concurrently herewith,

filed on 11/08/2013 having Serial Number 14/075,832


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: 
J. DENNY ROBERTSON

Date: 11/15/13

Witnessed by: 
Signature

Date: 11-15-13

David Birdcreek
Printed Name of Witness

Witnessed by: 
Signature

Date: 11-15-13

HUGO SERRANO
Printed Name of Witness

INVENTOR 2

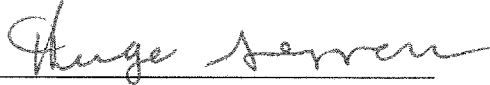
Signature: 
PAVEL LEDYAN

Date: 11/15/13

Witnessed by: 
Signature

Date: 11-15-13

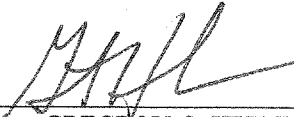
David Birdcreek
Printed Name of Witness

Witnessed by: 
Signature

Date: 11-15-13

HUGO SERRANO
Printed Name of Witness

INVENTOR 3


Signature: 
GREGROY G. HERNDON

Date: 11-20-13

Witnessed by: 
Signature

Date: 11-20-13

HUGO SERRANO
Printed Name of Witness

Witnessed by: 
Signature

Date: 11-20-13

David Birdcreek
Printed Name of Witness