PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------|----------------|
| Richard J. Gubanich | 02/03/2010 |
| Edward M. Dinco | 02/02/2010 |
| Kent P. Mizgalski | 02/04/2010 |
| Thomas R. Weisel | 02/03/2010 |

RECEIVING PARTY DATA

| Name: | Kennametal Inc. |
|-------------------|---------------------|
| Street Address: | 1600 Technology Way |
| Internal Address: | P.O. Box 231 |
| City: | Latrobe |
| State/Country: | PENNSYLVANIA |
| Postal Code: | 15650-0231 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 11945647 |

CORRESPONDENCE DATA

Fax Number: (412)945-5933

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Address Line 2: 436 Seventh Avenue

Address Line 4: Pittsburgh, PENNSYLVANIA 15219

ATTORNEY DOCKET NUMBER: K-1936//0687-060266

NAME OF SUBMITTER: James G. Porcelli, Reg. No. 33,757

PATENT

REEL: 024007 FRAME: 0574

OF \$40.00 11945647

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Total Attachments: 4 source=060266-Assign#page1.tif source=060266-Assign#page2.tif source=060266-Assign#page3.tif source=060266-Assign#page4.tif

> PATENT REEL: 024007 FRAME: 0575

| 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) Richard J. Gubanich, Edward M. Dinco, Kent P. Mizgalski, Thomas R. Weisel | 2. Name and address of receiving party(ies) Name: Kennametal Inc. Internal Address: | | | |
| Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance/Execution Date(s): Execution Date(s) 02/03/2010, 02/02/2010, 02/04/2010, 02/03/2010 Assignment Merger Security Agreement Change of Name Joint Research Agreement Government Interest Assignment Executive Order 9424, Confirmatory License Other | Street Address: 1600 Technology Way P.O. Box 231 City: Latrobe State: PA Country: U.S.A. Zip: 15650-0231 Additional name(s) & address(es) attached? ☐ Yes ✓ No | | | |
| 4. Application or patent number(s): A. Patent Application No.(s) 11/945,647 Additional numbers att 5. Name and address to whom correspondence | document is being filed together with a new application. B. Patent No.(s) ached? Yes No 6. Total number of applications and patents | | | |
| concerning document should be mailed: | involved: | | | |
| Name: Internal Address:_The Webb Law Firm | 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 | | | |
| Street Address: 436 Seventh Avenue 700 Koppers Building | Enclosed None required (government interest not affecting title) | | | |
| City: Pittsburgh | 8. Payment Information | | | |
| State: PA Zip: 15219 Phone Number: 412-471-8815 | a. Credit Card Last 4 Numbers 4775 Expiration Date 05/2012 | | | |
| Fax Number: 412-945-5933 Email Address: assignments@webblaw.com | b. Deposit Account Number 23-0650 Authorized User Name The Webb Law Firm | | | |
| 9. Signature: my fral | March 1, 2010 | | | |
| Signature James G. Porcelli, Reg. No. 33,757 Name of Person Signing | Total number of pages including cover sheet, attachments, and documents: | | | |

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,

RICHARD J. GUBANICH of 523 Monticello Drive Delmont, PA 15626

EDWARD M. DINCO of 118 E. Third Street Derry, PA 15627

KENT P. MIZGALSKI of 127 Fox Haven Drive Stahlstown, PA 15687

THOMAS R. WEISEL of 718 Hill Street
Greensburg, PA 15601

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:

METHOD AND APPARATUS USING A SPLIT CASE DIE TO PRESS A

PART AND THE PART PRODUCED THEREFROM

| | executed concurrently herewith, |
|-------------|--|
| \boxtimes | filed on November 27, 2007 having Serial Number 11/945.647 |

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.

Page 1 of 3

| INVENTOR I | |
|--|--------------------|
| Signature: Ruband J. Hubanik RICHARD J. GUBANICH | Date: 3.feb. 2010 |
| Witnessed by: Man Genner Just | Date: F2b 3, 2010 |
| Witnessed by: Swan Genner Juris Signature Signature Juris Printed Name of Witness | |
| Witnessed by: Esther K. Govotsey Signature | Date: Feb. 3, 2010 |
| Esther K. Novotny Printed Name of Witness | |
| INVENTOR 2 | |
| Signature: EDWARD M. DINCO | Date: 2-2-10 |
| Witnessed by: Signature Signature | Date: 716 2, 2010 |
| Susan Canmer-Jervis Printed Name of Witness | |
| Witnessed by: Cattle K. Govotny Signature | Date: Feb. 2, 2010 |
| Esther K. Novotny Printed Name of Witness | |
| INVENTOR 3 | |
| Signature: Kent P. Mizzalog KENT P. MIZGALSKI | Date: 2/4//0 |
| Witnessed by: Mison again Justine Susan Cranmer-Terris | Date: 1664,2070 |
| Susan Cranmer-Jervis Printed Name of Witness | |

DOCKET NU ER: K-1936//0687-060266

| Witnessed by: Esther, & Mountage | Date: Feb. 4,2010 |
|----------------------------------|-------------------|
| Signature/ | |

Esther K. Novotny
Printed Name of Witness

INVENTOR 4

Signature / Norman / Weise

Witnessed by: Alban Mann Juvis

Susan Cranmer-Jervis
Printed Name of Witness

Witnessed by: Cather X Movethy
Signature

Esther K. Novothy
Printed Name of Witness

ate: 2/3/201

Date: Feb 3, 2010

Date: Feb. 3, 2010

RECORDED: 03/01/2010