PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------------|----------------|
| Randall Walter Ojanen | 09/21/2011 |
| Don Carlin Rowlett | 09/09/2011 |

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 29402439 |

CORRESPONDENCE DATA

Fax Number: (724)539-5903 Phone: 724-539-5485

Email: k-corp.patents@kennametal.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US

Mail.

Correspondent Name: KENNAMETAL INC. Intellectual Property De

Address Line 1: P.O. BOX 231

Address Line 2: 1600 TECHNOLOGY WAY

Address Line 4: LATROBE, PENNSYLVANIA 15650

ATTORNEY DOCKET NUMBER: K-4086

NAME OF SUBMITTER: Benjamin T. Queen, II

Total Attachments: 3 source=ASN#page1.tif source=ASN#page2.tif source=ASN#page3.tif

> PATENT REEL: 026955 FRAME: 0674

CH \$40,00 2940

501668603

DOCKET NUMBER: K-4086

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,

of

Randall Walter Ojanen

of 508 Crestfield Drive Bristol, Tennessee 37620

a citizen of the United States of America

Don Carlin Rowlett

executed concurrently herewith,

protection for said invention and its improvements in all countries.

933 South Juliana Street Bedford, Pennsylvania 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:

WASHER

| 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 |
| nventions 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 |

Page 1 of 2

2087718v1

DOCKET NUMBER: K-4086

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 I | |
|---|---------------|
| Signature: Danall Jan | Date: 9/21/11 |
| Randall Walter Ojanen | 2 / |
| Witnessed by: | Date: 9/21/11 |
| Signature | |
| DOWALD E. KELLER | |
| Printed Name of Witness | , |
| Witnessed by: Signature | Date: 9/2//// |
| 2 | |
| DURNE G. CAR | ON, SR |
| Printed Name of Witness | |
| | |
| | |
| • | |
| INVENTOR 2 | |
| | |
| Signature: | Deter |
| Don Carlin Rowlett | Date: |
| 2012 0111111111111111111111111111111111 | |
| Witnessed by: | Date: |
| Signature | |
| | |
| Printed Name of Witness | |
| | |
| Witnessed by: | Date: |
| Signature | |
| | |

Page 2 of 2

Printed Name of Witness

2087718v1

DOCKET NUMBER: K-4086

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: | Randall Walter Ojanen | Date: |
| Witnessed by: | Signature | Date: |
| | Printed Name of Witness | |
| Witnessed by: _ | Signature | Date: |
| | Printed Name of Witness | |
| INVENTOR 2 | | |
| Signature: | Dop Çarlin Rowlett | Date: 9-9-2011 |
| Witnessed by: _ | At Pill | Date: <u>9-9-2011</u> |
| Witnessed by: | Printed Name of Witness | Date: _09550 // |
| witnessed by | Signature Disays 5 (A) | |

Page 2 of 2

RECORDED: 09/23/2011