

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT5408799

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
XIANGDONG D. FANG	02/28/2019
RUY FROTA DE SOUZA FILHO	02/28/2019
DAVID J. WILLS	03/01/2019
JOE G. SLUSARCYK	02/28/2019
MANUEL WACINSKI	03/06/2019
<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>	16294986
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(724)539-5903
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	724-539-5485
<b>Email:</b>	k-corp.patents@kennametal.com
<b>Correspondent Name:</b>	KENNAMETAL INC. INTELLECTUAL PROPERTY DE
<b>Address Line 1:</b>	P.O. BOX 231
<b>Address Line 2:</b>	1600 TECHNOLOGY WAY
<b>Address Line 4:</b>	LATROBE, PENNSYLVANIA 15650
<b>ATTORNEY DOCKET NUMBER:</b>	P18-06370-US-NP
<b>NAME OF SUBMITTER:</b>	PETER J. RASHID
<b>SIGNATURE:</b>	/Peter J. Rashid/
<b>DATE SIGNED:</b>	03/07/2019
This document serves as an Oath/Declaration (37 CFR 1.63).	

**Total Attachments: 6**

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**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,

<b>Xiangdong D. Fang</b>	of	1600 Technology Way Latrobe, Pennsylvania 15650-0231 United States of America
<b>Ruy Frota de Souza Filho</b>	of	1600 Technology Way Latrobe, Pennsylvania 15650-0231 United States of America
<b>David J. Wills</b>	of	1600 Technology Way Latrobe, Pennsylvania 15650-0231 United States of America
<b>Joe G. Slusarczyk</b>	of	1600 Technology Way Latrobe, Pennsylvania 15650-0231 United States of America
<b>Manuel Wacinski</b>	of	Wehlauer Straße 73 Fürth D-90766 Germany

hereby 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 patent currently entitled:

**ROTARY CUTTING TOOL WITH INTERNAL COOLANT PASSAGE**

- ☒ executed concurrently herewith and filed in \_\_\_\_\_.
- ☐ filed on \_\_\_\_\_ having Serial Number \_\_\_\_\_, filed in \_\_\_\_\_.

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 the above identified 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 the Assignee's U.S. attorneys associated with U.S. Patent and Trademark Office Customer Number 27877 to insert the application number and filing date, when known, into the assignment for this invention.

## INVENTOR 1

Signature:   
Xiangdong D. Fang

Date: 2-28-2019

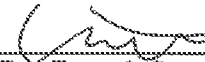
Witnessed by:   
Signature  
Lance Brunetto  
Printed Name of Witness

Date: 2-28-2019

Witnessed by:   
Signature  
Jean-Luc Dufour  
Printed Name of Witness

Date: 2-28-2019

## INVENTOR 2


Signature:   
Ruy Eryta de Souza Filho

Date: 2/28/2019

Witnessed by:   
Signature

Date: 2-28-2019

Lance Brunetto  
Printed Name of Witness

Witnessed by:   
Signature

Date: 2/28-2019

Jean-Luc Dufour  
Printed Name of Witness

DOCKET NO. P18-06370-US-NP

INVENTOR 3

Signature: \_\_\_\_\_

David J. Willis

Witnessed by: \_\_\_\_\_

Signature

SWETHA R

Printed Name of Witness

Witnessed by: \_\_\_\_\_

Signature

Printed Name of Witness

INVENTOR 4

Signature: \_\_\_\_\_

Joe G. Slusarczyk

Witnessed by: \_\_\_\_\_

Signature

Printed Name of Witness

Witnessed by: \_\_\_\_\_

Signature

Printed Name of Witness

INVENTOR 5

Signature: \_\_\_\_\_

Manuel Wacinski

Witnessed by: \_\_\_\_\_

Signature

Printed Name of Witness

Witnessed by: \_\_\_\_\_

Signature

Printed Name of Witness

Date: March 1, 2019

Date: March 1, 2019

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

INVENTOR 3

Signature: \_\_\_\_\_  
David J. Wills

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

INVENTOR 4

Signature: \_\_\_\_\_  
Joe G. Slusarczyk

Date: 2-28-2019

Witnessed by: \_\_\_\_\_  
Signature

Date: 2-28-2019

Lance Brunetto  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: 2-28-2019

Jean L. Debar  
Printed Name of Witness

INVENTOR 5

Signature: \_\_\_\_\_  
Manuel Wacinski

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

DOCKET NO. P18-06370-US-NP

INVENTOR 3

Signature: \_\_\_\_\_  
David J. Wills

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

INVENTOR 4

Signature: \_\_\_\_\_  
Joe G. Slusarczyk

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

INVENTOR 5

Signature: \_\_\_\_\_  
Manuel Wacinski

Date: 6.3.19

Witnessed by: \_\_\_\_\_  
Signature

Date: 06.03.2019

Herbert Kauper  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: 03/06/2019

MARCUS PAUL  
Printed Name of Witness

## Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

**PATENT**

**RECORDED: 03/07/2019**

**REEL: 048525 FRAME: 0712**