PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5845210

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LANCE DAVID BRUNETTO	12/02/2019
RUY FROTA DE SOUZA FILHO	12/02/2019
RONALD LOUIS DUDZINSKY	12/02/2019

RECEIVING PARTY DATA

Name:	KENNAMETAL INC.
Street Address:	1600 TECHNOLOGY WAY
City:	LATROBE
State/Country:	PENNSYLVANIA
Postal Code:	15650

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16700266

CORRESPONDENCE DATA

Fax Number: (724)539-5903

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.

Phone: 724-539-5485

Email: k-corp.patents@kennametal.com

KENNAMETAL INC. INTELLECTUAL PROPERTY DE **Correspondent Name:**

Address Line 1: P.O. BOX 231

Address Line 2: 1600 TECHNOLOGY WAY

Address Line 4: LATROBE, PENNSYLVANIA 15650

ATTORNEY DOCKET NUMBER:	P19-06380-US-NP
NAME OF SUBMITTER:	PETER J. RASHID
SIGNATURE:	/Peter J. Rashid/
DATE SIGNED:	12/02/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

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PATENT REEL: 051156 FRAME: 0339 505798381

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PATENT REEL: 051156 FRAME: 0340

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,

Lance David Brunetto of 1600 Technology Way
Latrobe, Pennsylvania 15650-0231
United States of America

Ruy Frota de Souza Filho of 1600 Technology Way
Latrobe, Pennsylvania 15650-0231
United States of America

Ronald Louis Dudzinsky of 1600 Technology Way
Latrobe, Pennsylvania 15650-0231

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:

United States of America

ROTARY CUTTING TOOL WITH HYBRID CUTTING INSERT DESIGN

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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

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PATENT REEL: 051156 FRAME: 0341 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 I DE BULL. Signature:	Date: 12/2/19
Lauge David Brunetto Witnessed by:	Date: 12/2/15
Signature Kent Julium 5 Printed Name of Witness	
Witnessed by: <u>James 2s, Ways</u> Signature	Date: <u>/2-2-/9</u>
Thres M. WAFFLE Printed Name of Witness	
INVENTOR 2	
Signature: Ruy Frota de Souza Filho	Date: <u>(2 - 02 - 19</u>
Witnessed by: Signature	Date: 12-02/2019
Y. Daniel Tany Printed Name of Witness	~ 63
Witnessed by: <u>Game to Way af ——————————————————————————————————</u>	Date: /2-2-/9

JAMES M WASSELF Printed Name of Witness

DOCKET NO. P19-06380-US-NP

INVENTOR 3	
Signature: Hand 19 July	Date: 17-02-15
Ronald Louis Dudzinsky Witnessed by:	Date: 12/2/19
Sighature Sighature	
Witnessed by: <u>James 2s Wages</u> Signature	Date:
<u> ブネッセミ 科。 <i>いきょうこと</i></u> Printed Name of Witness	