#### 506213647 08/20/2020

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
QINGJUN ZHENG	03/13/2013
YIXIONG LIU	03/13/2013
JAMES A. FAUST	03/14/2013
MARK J. ROWE	03/13/2013
DANIE J. DE WET	03/15/2013
SUDHARSAN SUBBAIYAN	03/15/2013
MICHAEL J. MEYER	03/13/2013

### **RECEIVING PARTY DATA**

Name:	KENNAMETAL INC.
Street Address:	1600 TECHNOLOGY WAY
City:	LATROBE
State/Country:	PENNSYLVANIA
Postal Code:	15650-0231

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16783564

### **CORRESPONDENCE DATA**

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**Correspondent Name:** KENNAMETAL INC.

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Address Line 4: LATROBE, PENNSYLVANIA 15650-0231

ATTORNEY DOCKET NUMBER:	K-04252-US-DIV2
NAME OF SUBMITTER:	STEPHANIE WILLIAMS
SIGNATURE:	/Stephanie Williams/
DATE SIGNED:	08/20/2020

PAIENI **REEL: 053553 FRAME: 0988** 506213647

# **Total Attachments: 4** source=K\_04252\_Executed\_Assignment#page1.tif source=K\_04252\_Executed\_Assignment#page2.tif source=K\_04252\_Executed\_Assignment#page3.tif

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PATENT REEL: 053553 FRAME: 0989

### ASSIGNMEN'T

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,

Qingjun Zheng	of	1022 Lexington Drive Export, PA 15632 United States
Vixiong Liu	of	317 Marigold Drive Greensburg, PA 15601 United States
James A. Faust	of	408 Parkline Drive South New Albany, IN 47150 United States
Mark J. Rowe	of	135 Franklin Drive Nesv Derry, PA 15650 United States
Danie J. De Wet	of	471 Dundas Street East Belleville, ON K8N 1G2 Canada
Sudharsan Subbaiyan	of	249 Bridge Street West Apt#1501 Belleville, ON K8P 4V4 Canada
Michael J. Meyer	of	232 High Street Irwin, PA 15642 United States

hereby self 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:

### METHODS OF MAKING METAL MATRIX COMPOSITE AND ALLOY ARTICLES

executed concurrently herewith,

X filed on 2/6/20 having Serial Number 16/783,564

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

### DOCKET NUMBER: K-4252

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 relissue 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 I Signature:	Date: 03/13/2013
Witnessed by: Mank C9-	Date: $\frac{03/13/2013}{03/13/2013}$
Signature    Signature	Date: 03/13/2013
INVENTOR 2  Signature: Yixiong Liu	Date: 3/13/2013
Witnessed by: Hank La-	Date: 03/15/2013
Witnessed by:    VIN EET   KOMAK   Printed Name of Witness	Date: 03/13/2013

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INVENTOR 3	
Signature:	Date: 3/14/13
Signature:  James A. Faust  Witnessed by:  Signature	Date:
Printed Name of Witness  Witnessed by:  Signature  Printed Name of Witness	Date: 3-14-2013
Signaturo:	Date: 3/17/13
Witnessed by: Signature	Date: 03/12/2013
Printed Name of Witness  Witnessed by:  Signature  Zhenfu Liu  Printed Name of Witness	Date: 03/13/2013
Signature:  Danie J. De Wet  Witnessed by:  AZAZ FARUKI	Date: 15/03/2013 Date: March 15/13.
Printed Name of Witness  Witnessed by:  Signature  Jeff Couch Gas  Printed Name of Witness	Date: <u>March 15, 30</u> 13

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INVENTOR 6 Signature: S.	Date:
	Date:
Sudhargan Subbaiyan Witnessed by: Signature	Date: <u>March</u> 15/13
Printed Name of Witness  Witnessed by:  Signature  Tell Court to  Printed Name of Witness	Date: March 15, 201
inventor 7	
Signature: Michael J. Meyer.	Date: 3-13-15
Witnessed by: Jel J. Keurr Signature	Date: 03/13/2013
Toel To Dawson Printed Name of Witness	( )
Witnessed by: Niment Expenses Signature	Date: 03/13/2.013
VINEET KUMAR Printed Name of Witness	
Litting ismin or Aimer	