502934595 08/14/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TERRY WAYNE KIRK	06/29/2010
HONGBO TIAN	06/29/2010
XIN DENG	06/29/2010
DEBANGSHU BANERJEE	06/29/2010
QINGJUN ZHENG	06/29/2010

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:	14458918

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) 539-4653

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Correspondent Name: MATTHEW W. GORDON Address Line 1: 1600 TECHNOLOGY WAY

Address Line 4: LATROBE, PENNSYLVANIA 15650

ATTORNEY DOCKET NUMBER:	K-2701USUS2
NAME OF SUBMITTER:	ALAN G. TOWNER
SIGNATURE:	/Alan G. Towner/
DATE SIGNED:	08/14/2014

Total Attachments: 3

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PATENT 502934595 REEL: 033532 FRAME: 0889

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PATENT REEL: 033532 FRAME: 0890

DOCKET NUMBER: K-2701

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

of

Terry Wayne Kirk

of 4006 East Mural Drive

Fayetteville, AR 72701

a citizen of the United States of America

Hongbo Tian

1600 W. Persimmon St., Apt. 16

Rogers, AR 72756 a citizen of China

Xin Deng

2820 Wellington Circle

Rogers, AR 72758 a citizen of China

Debangshu Banerjee

of 314

3150 Silver Bell Trace

Springdale, AR 72762 a citizen of India

Qingjun Zheng

of

4406 Worthington Drive

Rogers, AR 72758 a citizen of China

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:

CARBIDE PELLETS FOR WEAR RESISTANT APPLICATIONS

executed concurrently herewith,		
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 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.

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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: Terry Wayne Kirk	Date: 6/29/2010
Witnessed by:	Date: 6/29/2010
Signature Matthew C Sims	·
Witnessed by: Printed Name of Witness Witnessed by: Signature	Date: 6/29/10
Rebecca Garrigus Printed Name of Witness	
INVENTOR 2 Honor Tikes	6/20/
Signature: Hongbo (ian Hongbo Tian	Date: $\frac{6/29/10}{}$
Witnessed by: Witnessed by: Signature	Date: 6/29/2010
Metthew C. 5:m5 Printed Name of Witness	
Witnessed by: Place Tarker	Date: 6/29 (10
Peloeua Garrians	

Printed Name of Witness

INVENTOR 3	
Signature:	Date: 06-29-2010
Witnessed by: Signature Mathew C. Sims	Date: 06/29/2010
Witnessed by: Printed Name of Witness Witnessed by: Refreca Garraus Printed Name of Witness	Date: 6/29/10
Signature: Debangshu Banerjee	Date: 6/29/10
Witnessed by: Signature	Date: 0(0/29/2010
Mathew C. Sims Printed Name of Witness Witnessed by: Rebecca Garrigus Printed Name of Witness	Date: 6/29/10
Signature: Qingjun Zheng	Date: $06 - 29 - 20/0$
Witnessed by: Wark C. Signature	Date: 06/29/2010
Matthew (. Sim 5 Printed Name of Witness Witnessed by: Lloca Tangus Signature Relocus Garrigus Printed Name of Witness	Date: 6/29/10

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