

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3001831

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
YAN YAN	08/26/2014
EMMANUEL PUVILAND	08/28/2014
<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>	15650-0231
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14471798
<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.
<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>	K-5932USUS1
<b>NAME OF SUBMITTER:</b>	STEPHANIE WILLIAMS
<b>SIGNATURE:</b>	/stephanie williams/
<b>DATE SIGNED:</b>	08/28/2014
<b>Total Attachments: 2</b>	
source=K5932USUS1_Assignment#page1.tif	
source=K5932USUS1_Assignment#page2.tif	

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,

**Yan Yan**

of 6702 W Friendly Ave  
Unit 3F  
Greensboro, NC 27410

**Emmanuel Puviland**

of 11 rue de général de Gaulle  
Dambach-la-Ville  
France 67650

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:

**THREAD FORMING TAPS**

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.

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

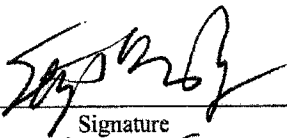
Signature: Yan Yan  
Yan Yan

Date: 08/26/2014

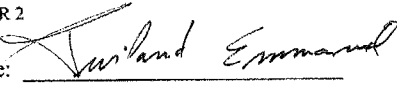
Witnessed by: Keith Robbins  
Signature

Date: 8/26/14

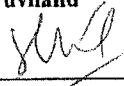
Keith Robbins  
Printed Name of Witness

Witnessed by:   
Signature  
Stephen M George  
Printed Name of Witness

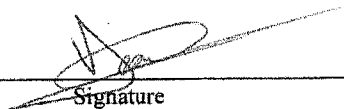
Date: 8/27/2014

INVENTOR 2  
Signature:   
Emmanuel Puviland

Date: 8/28/2014

Witnessed by:   
Signature  
Sylvie NOËL  
Printed Name of Witness

Date: 08/28/2014

Witnessed by:   
Signature  
DESORTES  
Printed Name of Witness

Date: 08/28/2014