

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT2882027

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	X. DANIEL FANG	05/30/2014
	JEAN-LUC DUFOUR	05/30/2014
	DAVID J. WILLS	05/30/2014
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:	14294472	
CORRESPONDENCE DATA		
Fax Number:	(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>		
Phone:	7245395485	
Email:	k-corp.patents@kennametal.com	
Correspondent Name:	LARRY R MEENAN	
Address Line 1:	1600 TECHNOLOGY WAY	
Address Line 4:	LATROBE, PENNSYLVANIA 15650-0231	
ATTORNEY DOCKET NUMBER:	K-4553USUS2	
NAME OF SUBMITTER:	MARY OSBORNE	
SIGNATURE:	/Mary Osborne/	
DATE SIGNED:	06/03/2014	
Total Attachments: 2		
source=K-4553USUS2_Assignment#page1.tif		
source=K-4553USUS2_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,

X. Daniel Fang of 8109 Shady Place
Brentwood, Tennessee 37027
United States

Jean-Luc Dufour of 103 Niblick Court
Franklin, Tennessee 37064
United States

David J. Wills of 1416 Chantilly Lane
Franklin, Tennessee 37067
United States

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:

MULTI-PIECE TWIST DRILL HEAD AND TWIST DRILL INCLUDING THE SAME

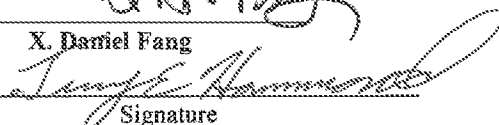
☐ executed concurrently herewith.

☐ filed on _____ having Serial Number _____

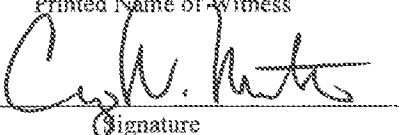
and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, reexaminations and reissues thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty 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 1

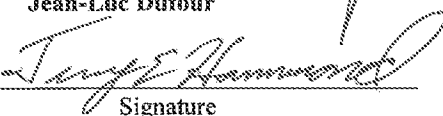
Signature: 
X. Daniel FangDate: 5-30-2014Witnessed by: 
SignatureDate: 5/30/14TERRY HAMMOND

Printed Name of Witness

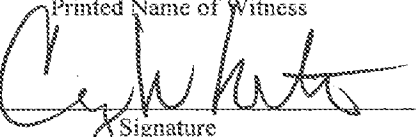
Witnessed by: 
SignatureDate: 5/30/14CRAIG MORTON

Printed Name of Witness

INVENTOR 2

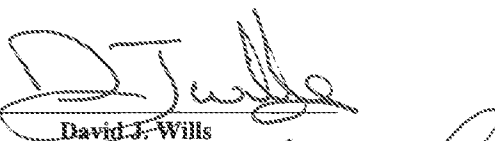
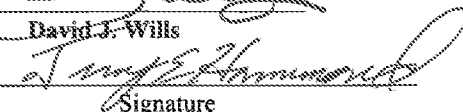
Signature: 
Jean-Luc DufourDate: 5-30-2014Witnessed by: 
SignatureDate: 5/30/14TERRY HAMMOND

Printed Name of Witness

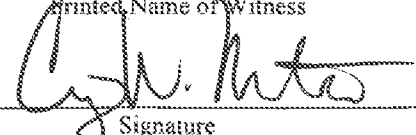
Witnessed by: 
SignatureDate: 5/30/14CRAIG MORTON

Printed Name of Witness

INVENTOR 3

Signature: 
David J. WillsDate: 5.30.2014Witnessed by: 
SignatureDate: 5/30/14TERRY HAMMOND

Printed Name of Witness

Witnessed by: 
SignatureDate: 5/30/14CRAIG MORTON

Printed Name of Witness