PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY DATA				
N			ame	Execution Date
KARTHIC RAMESH				09/28/2012
RECEIVING PARTY DATA				
Name:	KENNAMETAL INDIA LIMITED			
Street Address:	8/9TH MILE			
Internal Address:	TUMKUR ROAD			
City:	BANGALORE			
State/Country:				
Postal Code:	560073			
PROPERTY NUMBERS Total: 1				
Property Type			Number	
Application Number: 13554		188		
Application Number: 13554188 CORRESPONDENCE DATA Y				
Fax Number: 7245395903				
Fax Number:724539590380Correspondence will be sent via US Mail when the fax attempt is unsuccessful.80				
Phone: (724)539-5485 Email: k-corp.patents@kennametal.com				
Email: k-corp.patents@kennametal.com Correspondent Name: KENNAMETAL INC.				
Address Line 1: 1600 TECHNOLOGY WAY				
Address Line 4: LATROBE, PENNSYLVANIA 15650-0231				
ATTORNEY DOCKET NUMBER:			K-4014INUS1	
NAME OF SUBMITTER:			Stephen A. Bucchianeri	
Total Attachments: 2 source=4014ASSIGNMENT#page1.tif source=4014ASSIGNMENT#page2.tif				

DOCKET NUMBER: K-4014INUS1

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

KARTHIC RAMESH

#1627, 3rd Cross, Krishna Reddy Layout HBR-3rd Block, Kalyan Nagar Post Bangalore 560043 INDIA

hereby sell and assign to Kennametal India Limited, an Indian corporation (hereinafter referred to as Assignee) having an address at 8/9th Mile, Tumkur Road, Bangalore, India 560073, 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:

IDEXABLE DRILL INSERT

executed concurrently herewith,

filed on July 20, 2012 having Serial Number 13/554,188

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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PATENT REEL: 029054 FRAME: 0993

DOCKET NUMBER: K-4014INUS1

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 Kauthe R Signature: _

KARTHIC RAMESH

Date: 28 Sep 2012

Witnessed by: ____

h.swater Signature

Nataraju BS

Witnessed by: <u>M. Rushikesb</u> Signature

Rushikesh M

Date: 28/9/2012

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PATENT REEL: 029054 FRAME: 0994

RECORDED: 10/01/2012