502362056 05/28/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KARTHIC RAMESH	02/28/2013

RECEIVING PARTY DATA

Name:	KENNAMETAL INDIA LIMITED	
Street Address:	8/9TH MILE	
Internal Address:	TUMKUR ROAD	
City:	BANGALORE	
State/Country:	INDIA	
Postal Code:	560073	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	13903295	

CORRESPONDENCE DATA

Fax Number: 7245395903

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: (724)539-5485

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-4012INUS2
NAME OF SUBMITTER:	Stephen A. Bucchianeri
Signature:	/Stephen A. Bucchianeri/
Date:	05/28/2013

Total Attachments: 2

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PATENT REEL: 030495 FRAME: 0106 IOP \$40.00 1390329

DOCKET NUMBER: K-4012INUS2

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,

KARTHIC RAMESH

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

INDEXABLE DRILL INSERT

\boxtimes	execute	d concurrently herewith,	
	filed on	having Serial Numb	er

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.

PATENT REEL: 030495 FRAME: 0107

DOCKET NUMBER: K-4012INUS2

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.

Date: $\frac{28/2}{20/3}$

Witnessed by: Nataraju BS

Witnessed by: P.Shakaikhna Pinnoju