

**PATENT ASSIGNMENT**

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Xin Deng	06/23/2009
Jonathan W. Bitler	07/16/2009
<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>
<b>Application Number:</b>	12488162
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(724)539-5903
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	724-452-4414
<b>Email:</b>	K-CORP.Patents@kennametal.com
<b>Correspondent Name:</b>	Kennametal, Inc.
<b>Address Line 1:</b>	1600 Technology Way
<b>Address Line 4:</b>	Latrobe, PENNSYLVANIA 15650-0231
<b>ATTORNEY DOCKET NUMBER:</b>	K-2773
<b>NAME OF SUBMITTER:</b>	Thomas Lizzi, Esq.
<b>Total Attachments: 3</b> source=Assignment_Deng_and_Bitler#page1.tif source=Assignment_Deng_and_Bitler#page2.tif source=Assignment_Deng_and_Bitler#page3.tif	

CH \$40.00 12488162

DOCKET NUMBER: K-2773

**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,

**Xin Deng**

of 2820 Wellington Circle, Rogers, AR 72758

**Jonathan W. Bitler**

of 803 N Highland Avenue, Fayetteville, AR 72701

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:

**Erosion Resistant Subterranean Drill Bits Having Infiltrated Metal Matrix Bodies** executed concurrently herewith, filed on June 19, 2009 having Serial Number 12/488,162

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.

DOCKET NUMBER: K-2773

INVENTOR 1

Signature: Xin Deng  
Xin Deng

Date: 06-23-2009

Witnessed by: Rick Riley  
Signature

Date: 06/23/09

Rick Riley  
Printed Name of Witness

Witnessed by: Rebecca Garrigus  
Signature

Date: 06/23/09

Rebecca Garrigus  
Printed Name of Witness

INVENTOR 2

Signature: \_\_\_\_\_  
Jonathan W. Bitler

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

INVENTOR

Signature: [Handwritten Signature]

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

Printed Name of Witness

INVENTOR

Signature: [Handwritten Signature]

Date: 16 JULY 09

Witnessed by: [Handwritten Signature]  
Signature

Date: 07/16/09

Rick Riley  
Printed Name of Witness

Witnessed by: [Handwritten Signature]  
Signature

Date: 7/16/09

Dev Banerjee  
Printed Name of Witness