

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
MICHAEL HACKER	01/17/2012
HEINRICH MANNER	01/17/2012
XAVER SPICHTINGER	01/17/2012
<b>RECEIVING PARTY DATA</b>	
Name:	KENNAMETAL INC.
Street Address:	1600 TECHNOLOGY WAY
City:	LATROBE
State/Country:	PENNSYLVANIA
Postal Code:	15650-0231
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	13387250
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(724)539-5903
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Email:	k-corp.patents@kennametal.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	KENNAMETAL INC.
Address Line 1:	1600 TECHNOLOGY WAY
Address Line 4:	LATROBE, PENNSYLVANIA 15650-0231
ATTORNEY DOCKET NUMBER:	K-2828DEPCUS
NAME OF SUBMITTER:	Stephen A. Bucchianeri
Total Attachments: 3 source=2828ASSIGNMENT#page1.tif source=2828ASSIGNMENT#page2.tif source=2828ASSIGNMENT#page3.tif	

OP \$40.00 13387250

**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,

<b>Michael Hacker</b>	of	<b>Ebenseestr. 21 90482 Nürnberg GERMANY</b>
<b>Heinrich Manner</b>	of	<b>Weidenthal 40 92543 Guteneck GERMANY</b>
<b>Xaver Spichtinger</b>	of	<b>Gartenried 1 92526 Oberviechtach GERMANY</b>

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:

**REGULATING ELEMENT**

executed concurrently herewith,

filed on January 26, 2012 having Serial Number 13/387,250

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:   
Michael Hacker

Date: 17.01.2012

Witnessed by:   
Signature

Date: 17.01.2012

René Schwarznau  
Printed Name of Witness

Witnessed by:   
Signature

Date: 17.01.2012

Bernhard Eckl  
Printed Name of Witness

INVENTOR 2

Signature:   
Heinrich Manner

Date: 17.01.2012

Witnessed by:   
Signature

Date: 17.01.2012

René Schwarznau  
Printed Name of Witness

Witnessed by:   
Signature

Date: 17.01.2012

Bernhard Eckl  
Printed Name of Witness

INVENTOR 3

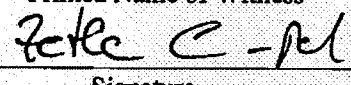
Signature:   
Xaver Spichtinger

Date: 17.01.2012

Witnessed by:   
Signature

Date: 17.01.2012

Bernhard Eckel  
Printed Name of Witness

Witnessed by:   
Signature

Date: 17.01.2012

Hans-Peter Zeitler  
Printed Name of Witness