

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Bernhard Borschert</td><td>01/04/2003</td></tr><tr><td>Dieter Muhlfriedel</td><td>04/04/2003</td></tr></tbody></table>	Name	Execution Date	Bernhard Borschert	01/04/2003	Dieter Muhlfriedel	04/04/2003	
Name	Execution Date						
Bernhard Borschert	01/04/2003						
Dieter Muhlfriedel	04/04/2003						
RECEIVING PARTY DATA							
Name:	Kennametal Inc.						
Street Address:	1600 Technology Way						
City:	Latrobe						
State/Country:	PENNSYLVANIA						
Postal Code:	15650						
PROPERTY NUMBERS Total: 1							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11438971</td></tr></tbody></table>	Property Type	Number	Application Number:	11438971			
Property Type	Number						
Application Number:	11438971						
CORRESPONDENCE DATA							
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Total Attachments: 2 source=L07916#page1.tif source=L07916#page2.tif							

OP \$40.00 11438971

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PATENT
REEL: 020080 FRAME: 0380

Übertragungserklärung

(Deutsch)

NHL File Number:

SOLE/JOINT

NHL-KEH-22

U.S. Patent- und Warenzeichenamt

EXAMINER: (NOT YET RECEIVED)
ART UNIT: (NOT YET RECEIVED)
SERIAL NO.: 10/377,588
FILING DATE: February 28, 2003
INVENTORS: Bernhard BORSCHERT and Dieter MÜHLFRIEDEL
TITLE: A TWIST DRILL WITH A REPLACEABLE CUTTING INSERT AND A
ROTARY CUTTING TOOL WITH A REPLACEABLE CUTTING INSERT

ASSIGNMENT

In consideration of one dollar and other good and valuable consideration, receipt of which is hereby acknowledged, I (we), as assignor(s) [inventor(s)] (name(n) des Erfinders oder der Erfinder): Bernhard BORSCHERT and Dieter MÜHLFRIEDEL

of: (Stadt, land) [address(es) of assignor(s) (inventor(s))]: 96050 Bamberg and 91320 Ebermannstadt, respectively, both of Germany

hereby sell, assign and set over the entire right, title and interest for the United States to (namen des anmelders oder der anmelder(in)) [name of assignee (Company)]: Kennametal Inc.

of: (Stadt, land) [address of assignee (company)]: 1600 Technology Way, Latrobe, PA 15650-0231, U.S.

as assignee(s) to the invention in (titel der Erfindung) [title of invention]: A TWIST DRILL WITH A REPLACEABLE CUTTING INSERT AND A ROTARY CUTTING TOOL WITH A REPLACEABLE CUTTING INSERT

for which an application for United States Letters Patent has been executed by me (us) on the date(s) indicated below, and all original and reissued patents granted therefor, and all divisions and continuations thereof, including the subject-matter of any and all claims which may be obtained in every such patent, and authorize and request the Commissioner of Patents and Trademarks of the United States, to issue the said letters patent to said assignee, said assignee's successors, assigns, nominees or other legal representatives, as assignee of the entire interest, and covenant that I (we) have not executed and will not execute any agreement in conflict herewith, and agree that I (we) will communicate to said assignee, said assignee's successors, assigns, nominees or other legal representatives, all facts known to me (us) respecting said invention, whenever requested, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and do all lawful acts requisite for the application for such divisional, continuing or reissue applications, or the procuring thereof, and that if and when said assignee, said assignee's successors, assigns, nominees or other legal representatives desire to file a disclaimer relating thereof, I (we) will, upon request, sign all lawful papers requisite for the filing of such disclaimer, and I (we) further covenant and agree that I (we) will, at any time upon request, do everything legally possible to aid said assignee, said assignee's successors, assigns, nominees or other legal representatives, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, the expenses incident to said applications or patents may become involved, the expenses incident to said applications to be borne and paid by said assignee, said assignee's successors, assigns, nominees or other legal representatives.

(Continued on Page 2)

NHL:slm/vwt

KEH-22 06/KEH035

PATENT
REEL: 020080 FRAME: 0381

Übertragungserklärung

(Deutsch)

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U.S. Patent- und Warenzeichenamt

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ASSIGNMENT - Page 2

IN TESTIMONY WHEREOF, I (we) have hereunto set my (our) hand(s) and seal(s) on the date(s) (DATUM) indicated below.

1) Bernhard BORSCHERT
Printed Name(s) of Inventor(s)

2) Dieter MÜHLFRIEDEL
(NAMEN DER ERFINDER)

1) B. Boschert X
Signature(s) of Inventor(s) (EIGENHÄNDIGE UNTERSCHRIFT DER ERFINDER)

2) D. Mühlfriedel

X 1) 01. 04. 2003
TAG MONAT
Date(s) of Signature(s)

X 2) 04. 04. 2003
TAG MONAT
(DATUM)

NHL:slm/vwt

KEH-22 06/KEH035

PATENT

RECORDED: 11/07/2007

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