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ML/ RECORDATION FO	ORM COVER SHEET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
	TS ONLY	
To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof		
1. Name of conveying party(les):	2. Name and address of receiving party(les)	
/ Gary D. Baldwin Robert Λ. Acero 2 Kay E. Kucharik	Name: Kennametal Inc.	
3 William C. Magill	Internal Address: Phone: 724-539-5838	
Additional neme(a) of conveying party(se) attached? Yes 22 No	Fax: 724-539-5903	
3. Nature of conveyance:		
🖏 Assignment 💭 Merger	Street Address: 1600 Technology Way	
Security Agreement Change of Name	P. O. Box 231	
Other 2	City: Jatrohe State: PA ZIP: 15650	
Execution Datos May 1, 1998; April 28, 1998; April 29, 1998, respectively	Additional name(s) & address(es) attached? Q Yes Q No	
4. Application number(s) or patent number(s);		
If this document is being filed together with a new application	on, the execution date of the application is:	
A. Patent Application No.(s)	B. Patent No.(s)	
08/985,483, filed December 4, 1997		
Additional rumburs attached? Q Yes & No		
<ol><li>Name and address of party to whom correspondence concerning document should be mailed;</li></ol>	6. Total number of applications and patents involved:	
Name: Mr. John M. Vasuta	7 Tables (27 CEP 2 41) 5 40.00	
Internal Address; 1600 Technology Way	7. Total fee (37 CFR 3.41)	
Phone: 724-539-5838	C Enclosed	
Fax: 724-539-5903	XX Authorized to be charged to deposit account	
Kennametal Inc.		
P. O. Box 231	8. Deposit account number: 11-0508	
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05/13/1998 BHINESat 20000039 11058 Bate 0898 A63 ZIP: 15650 02 FC:581 40.00 CH	XÁSINU/XVLUVICA 1879927960bin seign X stening-by sjegonikacu 2003	
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9. Statement and signature.		
	ation is true and correct and any attached copy is a true copy of	
John M. Vasuta	M Cofate May 6, 1998	
Name of Person Signing	Signature Date	
Mail documents to be recorded with re	cover sheet, attachments, and document.	
Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231		

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# Page 1 of 1

Docket No. K-1414

#### ASSIGNMENT

Whereas, <u>Gary D. Baldwin</u>, of <u>7429 Deerfield Park Drive</u>, <u>Olympia</u>, <u>Washington</u> <u>98516</u>, <u>U.S.A.</u>, a citizen of the United States of America, has made application for Letters Patent of the United States, entitled <u>A THREE DIMENSIONAL MILL AND MILLING INSERTS</u>, said application having been executed

May 1, 1998	08/985.483. filed December 4, 1997 ;
(month day year)	(serial number, if any)

And Whereas, Kennametal Inc., a corporation of the Commonwealth of Pennsylvania, of <u>P. O. Box 231, Latrobe, Pennsylvania 15650</u>, is desirous of acquiring an interest in the same;

Now, therefore, in consideration of <u>One</u> (\$1.00) dollar, and other good and valuable consideration, the receipt of which is hereby acknowledged, <u>ho</u> hereby assigns, sells, and sets over unto the said <u>Kennametal Inc.</u>, its successors, assigns and legal representatives, <u>the antire</u> right, tille and interest in and to said invention for the United States and their territories and all foreign countries, and in and to said Letters Patent, divisions, continuations. continuations-in-part, reissues and extensions thereof in the United States and all foreign countries (including the right to apply for Letters Patent in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), and hereby requests that said Letters Patent issue accordingly. For said consideration said <u>Gary D. Baldwin</u> agrees for himself, and for <u>his</u> heirs, executors and administrators, to execute without further consideration all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to <u>Kennametal Inc.</u> or any assignee acquiring title to said invention. and to execute any other papers that may be neceded in connection with filling said applications and securing patents thoreon.

In Testimony Thereof, he executes this assignment this / day of \_\_\_\_\_\_\_, 19.95

(signature of assignor)

Kohenta E. Penich (wilness) John M. Vasuta (witness)

## Page 1 of 1

Docket No. <u>K-1414</u>

## ASSIGNMENT

Whereas, <u>Kay E. Kucharlk</u>, of <u>19220</u> Slafford Avenue, <u>Maple Heights</u>, <u>Ohio</u> <u>44137</u>, <u>U.S.A.</u>, a citizen of the United States of America, has made application for Letters Patent of the United States, entitled <u>A THREE DIMENSIONAL MILL AND MILLING INSERTS</u>, said application having been executed

April 28, 1998	08/985,483, filed December 4, 1997	
(month day year)	(serial number, if any)	

And Whereas, Kennametal Inc., a corporation of the Commonwealth of Pennsylvania, of P. O. Box 231, Latrobe, Pennsylvania 15650, is desirous of acquiring an interest in the same;

Now, therefore, in consideration of <u>One (\$1.00)</u> dollar, and other good and valuable consideration, the receipt of which is hereby acknowledged, <u>she</u> hereby assigns, sells, and sets over unto the said <u>Kennametal Inc.</u>, its successors, assigns and legal representatives, <u>the entire</u> right, title and interest in and to said invention for the United States and their territories and all foreign countries, and in and to said Letters Patent, divisions, continuations. continuations-in-part, reissues and extensions thereof in the United States and all foreign countries (including the right to apply for Letters Patent In foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), and hereby requests that said Letters Patent issue accordingly. For said consideration said <u>Kay E. Kucharik</u> agrees for herself, and for <u>her</u> heirs, executors and administrators, to execute without further consideration all papers that may be necessary to file applications in the United States and consignee acquiring title to said invention, and to execute any other papers that may be necessary to applications in the United States and foreign countries for said invention and to assign the same to Kennametal Inc. or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filling said applications and securing patents thereon.

In Tostimony Thereof, she executes this assignment this 28 day of APRIL.

Signature of assignor)

Page 1 of 1

Docket No. K-1414

#### ASSIGNMENT

Whereas. William C. Magill, of 8295 Munson Road, Mentor, Ohio 44060, U.S.A., a citizen of the United States of America, has made application for Letters Patent of the United States, entitled A THREE DIMENSIONAL MILL AND MILLING INSERTS, said application having been executed

April 29, 1998 08/985.483, filed December 4, 1997; (serial number, if any) (month day year)

And Whereas, Kennametal Inc., a corporation of the Commonwealth of Pennsvivania, of P. O. Box 231, Latrobe, Pennsylvania 15650, is desirous of acquiring an Interest In the same;

Now, therefore. In consideration of One (\$1.00) dollar, and other good and valuable consideration, the receipt of which is hereby acknowledged, he hereby assigns, selis, and sets over unto the said Kennametal Inc., its successors, assigns and legal representatives, the entire right, title and interest in and to said invention for the United States and their territories and all foreign countries, and in and to said Letters Patent, divisions, continuations, continuations-in-part, reissues and extensions thereof in the United States and all foreign countries (including the right to apply for Letters Patent in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), and hereby requests that said Letters Patent issue accordingly. For said consideration said William C. Magill agrees for himself, and for his heirs, executors and administrators, to execute without further consideration all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to Kennametal Inc. or any assignce acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said applications and securing patents thereon.

In Testimony Thereof, he executes this assignment this 27 day of \_\_\_\_\_, 1998

<u>Aulliam Clain Magil</u> (signature of assignor)

Roberta E. Poruch (witness) <u>Zattan R. Morotry</u> (witness)

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Docket No. K-1414

## ASSIGNMENT

Whereas, <u>Robert A. Acero</u>, of <u>907 Hidden Valley Road. Kingsport. Tennessee</u> <u>37663.</u> <u>U.S.A.</u>, a citizen of the United States of America, has made application for Letters Patent of the United States, entitled <u>A THREE DIMENSIONAL MILL AND MILLING INSERTS</u>, said application having been executed

April 27, 1998	<u>08/985,483, filed December 4, 1997</u> ;
(month day year)	(serial number, if any)

And Whereas, <u>Kennametal Inc., a corporation of the Commonwealth of Pennsylvania</u>, of <u>P. O. Box 231, Latrobe, Pennsylvania 15650</u>, is desirous of acquiring an interest in the same;

Now, therefore, in consideration of <u>One (\$1.00)</u> dollar, and other good and valuable consideration, the receipt of which is horeby acknowledged, <u>he</u> hereby assigns, sells, and sets over unto the said <u>Kennametal Inc.</u>, its successors, assigns and legal representatives. <u>the entire</u> right, title and interest in and to said invention for the United States and Iheir territories and all foreign countries, and In and to said Letters Patent, divisions, continuations, continuations-in-part, reissues and extensions thereof in the United States and all foreign countries (including the right to apply for Letters Patent in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), and hereby requests that sald Letters Patent issue accordingly. For said consideration said <u>Robert A. Acero</u> agrees for <u>himself</u>, and for <u>his</u> heirs, executors and administrators, to execute without further consideration all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to <u>Kennametal Inc.</u> or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said applications and securing patents thereon.

In Testimony Thereof, he executes this assignment this 27 day of  $\Delta p \cdot Q$ , 199S

(signature of assignor)

Ju b. Till (witness) Karen Sturens

TOTAL P.08

PATENT REEL: 9552 FRAME: 0825

**RECORDED: 05/11/1998**