1 (Case No.: <u>K-1991</u>
Form PTO-1595 (Rev. 6-93) OMB No. 0651-0011 (exp. 494) REC	T IIS DEPARTMENT OF COMMERCE
To the Honorable Commissioner Corp. 10256265	- 1 10000 1000
1. Name of conveying party(ies): Alfred S. Gates, Jr. Edward J. Oles Kent L. Reiner William M. Alexander, IV Jean-Pierre Genain Additional name(s) of conveying party(ies) attached Yes No	Name and address of receiving party(ies) Name: KENNAMETAL INC. Internal Address: P. O. Box 231
3. Nature of conveyance: ☑ Assignment ☐ Merger	Street Address: 1600 Technology Way
Security Agreement	City: Latrobe State: PA ZIP: 15650
Execution Date: September 17, 2003, August 29, 2003, September 22, 2003, September 3, 2003, and September 8, 2003, respectively	Additional name(s) & address(es) attached?
 Application number(s) or patent number(s): If this document is being filed together with a new application, the 	ne execution date of the application is:
A. Patent Application No.(s)	B. Patent No.(s)
10/463,379, filed June 17, 2003	
Additional numbers attached?	☐ Yes ☑ No
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: John J. Prizzi	7. Total fee (37 CFR 3.41)
Internal Address: KENNAMETAL INC.	☐ Enclosed
P. O. Box 231	☑ Authorized to be charged to deposit account
Street Address: 1600 Technology Way	8. Deposit account number:
City: <u>Latrobe</u> State: <u>PA</u> ZIP: <u>15650</u> Phone: 724-539-5331; Fax: 724-539-5903	11-0508
DO NOT USE T	THIS SPACE
9. Statement and signature To the best of my knowledge and belief, the foregoing information original document.	on is true and correct and any attached copy is a true copy of the
John J. Prizzi	
Name of Person Signing Signatur Total number of pages including cover sheet, att	Date Pachments, and document:
Mail documents to be recorded with r Mail Stop Missing Parts, Commissioner for Patents	
	09/29/ 01 FC::
	DATENT

Page 1 of 1

Whereas, Alfred S. Gates, Jr., of 1203 Ridgeview Drive, Greensburg, Pennsylvania 15601, a citizen of the U.S.A., has made application for Letters Patent of the United States, entitled COATED CUTTING TOOL WITH BRAZED-IN SUPERHARD BLANK, said application having been executed

September 17, 2003 10/463,379, filed June 17, 2003 (month day year) (serial number, if any)

And Whereas, <u>Kennametal Inc.</u>, 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>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 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>Alfred S. Gates, Jr.</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 17 day of September, 2003.

1 9/17/03

(4 9/17/03

PATENT

(signature of assignor)

REEL: 014527 FRAME: 0154

Whereas, Edward J. Oles, of 105 Mosshaven Way, Ligonier, Pennsylvania 15658, a citizen of the U.S.A., has made application for Letters Patent of the United States, entitled COATED CUTTING TOOL WITH BRAZED-IN SUPERHARD BLANK, said application having been executed

August 29, 2003	10/463,379, filed June 17, 2003	;
(month day year)	(serial number, if any)	

And Whereas, <u>Kennametal Inc.</u>, a <u>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 hereby 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 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>Edward J. Oles</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 the	nis assignment this 3rd day of September, 2003.
	Column J. Oles
•	(signature of assignor)
Roberta E. Penich	_
(witness)	
(witness)	-

Whereas, <u>Kent L. Reiner</u>, of <u>R. D. #1, Box 155-BB, Latrobe, Pennsylvania 15650</u>, a citizen of the U.S.A., has made application for Letters Patent of the United States, entitled **COATED CUTTING TOOL WITH BRAZED-IN SUPERHARD BLANK**, said application having been executed

September 22, 2003	10/463,379, filed June 17, 2003	_;
(month day year)	(serial number, if any)	_

And Whereas, <u>Kennametal Inc.</u>, 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 One (\$1.00) dollar, and other good and valuable consideration, the receipt of which is hereby acknowledged, he hereby assigns, sells, 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 Kent L. Reiner 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 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 22 day of 52p, 2003.

(signature of assignor)

(witness)

(witness)

Whereas, William M. Alexander, IV, of 870 Castleview Drive, North Huntingdon, Pennsylvania 15642, a citizen of the U.S.A., has made application for Letters Patent of the United States, entitled COATED CUTTING TOOL WITH BRAZED-IN SUPERHARD BLANK, said application having been executed

September 3, 2003	10/463,379, filed June 17, 2003	_;
(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 One (\$1.00) dollar, and other good and valuable consideration, the receipt of which is hereby acknowledged, he hereby assigns, sells, 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 M. Alexander, IV 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 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 3 day of 2003.

signature of assignor)

(withess)

PATENT

REEL: 014527 FRAME: 0157

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N° de dossier : <u>K-1991</u>

ACTE DE CESSION

Attendu que Jean-Pierre Genain, domicilié 4, chemin de Larsan, Perriche, 33750 Beychac et Cailleau, France, citoyen français, a fait une demande de lettres patentes émises par les États-Unis et intitulées COATED CUTTING TOOL WITH BRAZED-IN SUPERHARD BLANK, (Outil de coupe enrobé avec une ébauche extra-dure brasée) et que la dite demande a été signée le

September 8, 2003 10/463,379 et déposée le 17 juin 2003 (mois/jour/année) (numéro de série, le cas échéant)

Et attendu que <u>Kennametal Inc., société incorporée dans le Commonwealth de Pennsylvanie</u> et domiciliée <u>P. 0. Box 231, Latrobe, Pennsylvania 15650</u>, désire acquérir un droit à ce sujet;

En vertu de quoi, en contrepartie de la somme de un (1 \$) dollar et autre contrepartie de valeur, dont les présentes accusent réception, il, par les présentes, cède, vend et transfère à ladite société Kennametal Inc., ses successeurs, ayants droit et représentants juridiques, tout droit, titre et intérêt relatif à ladite invention pour les États-Unis, ses territoires et tous les autres pays, et relatif aux dites lettres patentes, à leurs divisions, continuations en tout ou partie, ré-émissions et extensions aux États-Unis et dans tout autre pays (y compris le droit de déposer une demande de lettres patentes dans les autres pays en son nom propre et de réclamer, pour toutes ces demandes dans les autres pays, tous les droits de propriété conférés par les conventions internationales, les traités et autres mécanismes), et demande par les présentes que lesdites lettres patentes en fassent état. Pour ladite contrepartie, ledit Jean-Pierre Genain convient, pour lui-même, ses héritiers, ses exécuteurs testamentaires et administrateurs, de signer sans autre contrepartie tout document pouvant être nécessaire pour le dépôt de demandes aux États-Unis et dans les autres pays pour ladite invention et d'en faire cession à la société Kennametal Inc. ou à tout cessionnaire acquérant le titre de ladite invention, et de signer tout autre document pouvant être requis pour le dépôt desdites demandes et l'obtention des brevets qui s'v rapportent.

sion ce jour, le
Gaignature du cédant)

Whereas, Jean-Pierre Genain, of 4 chemin de Larsan, Perriche, 33750 Beychac et
Cailleau, France, a citizen of France, has made application for Letters Patent of the
United States, entitled COATED CUTTING TOOL USING BRAZED-IN SUPERHARD BLANK,
said application having been executed

 September 8, 2003
 10/463,379, filed June 17, 2003
 ;

 (month day year)
 (serial number, if any)

And Whereas, <u>Kennametal Inc.</u>, a <u>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 hereby 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 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>Jean-Pierre Genain</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 day of _______, 2003.

(signature of assignor)

(witness)