

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4266403

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	KENNAMETAL INC.	12/01/2015
RECEIVING PARTY DATA		
Name:	LANDIS SOLUTIONS LLC	
Street Address:	360 SOUTH CHURCH ST.	
City:	WAYNESBORO	
State/Country:	PENNSYLVANIA	
Postal Code:	17268	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	12616300
CORRESPONDENCE DATA		
Fax Number:	(312)609-5005	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
Email:	hmiller@vedderprice.com	
Correspondent Name:	HOLLY MILLER	
Address Line 1:	222 NORTH LASALLE STREET - 24TH FLOOR	
Address Line 4:	CHICAGO, ILLINOIS 60601	
ATTORNEY DOCKET NUMBER:	49127109001	
NAME OF SUBMITTER:	HOLLY MILLER	
SIGNATURE:	/Holly Miller/	
DATE SIGNED:	02/08/2017	
Total Attachments: 41		
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INTELLECTUAL PROPERTY ASSIGNMENT AGREEMENT

INTELLECTUAL PROPERTY ASSIGNMENT AGREEMENT (this “Assignment”), dated December 1, 2015, is made by and between each of the parties under the heading “Assignors” set forth on Schedule 1 attached hereto (collectively, the “Assignors” and each, an “Assignor”), and each of the parties under the heading “Assignees” set forth on Schedule 1 attached hereto (collectively, the “Assignees” and each, an “Assignee”). Unless otherwise indicated, capitalized terms used herein and not otherwise defined herein shall have the respective meanings set forth in that certain Purchase Agreement, dated as of October 30, 2015 (the “Purchase Agreement”), by and among Kennametal Inc., a Pennsylvania corporation (“Kennametal”) and Madison Industrial Solutions Corporation, a Delaware corporation (“Madison”).

WHEREAS, Kennametal and Madison have entered into the Purchase Agreement, pursuant to which, among other things, Kennametal has agreed to cause the Assignors to sell, convey, assign, transfer and deliver to Madison or its Buyer Designees, and Madison and its Buyer Designees have agreed to purchase, acquire and accept from the Assignors all right, title and interest in and to the Transferred Assets;

WHEREAS, each of the Assignees is a Buyer Designee of Madison;

WHEREAS, the Transferred Assets include all of the Assignors’ right, title and interest in the Target IP, including the Patents and Patent applications listed on Schedule 2 attached hereto, the Trademarks and Trademark applications listed on Schedule 3 attached hereto, and the domain names listed on Schedule 4 attached hereto; and

WHEREAS, in accordance with the Purchase Agreement, the Assignors desire to transfer and assign to the Assignees, and the Assignees desire to accept the transfer and assignment of all of the Assignors’ worldwide right, title and interest in and to the Target IP, including the Patents and Patent applications listed on Schedule 2 attached hereto, the Trademarks and Trademark applications listed on Schedule 3 attached hereto, and the domain names listed on Schedule 4 attached hereto.

NOW, THEREFORE, in exchange for the consideration set forth in the Purchase Agreement and the mutual covenants contained herein and in the Purchase Agreement, the receipt of which is hereby acknowledged, the parties hereby agree as follows:

1. Assignment of Target IP. Each Assignor does hereby irrevocably and unconditionally transfer and assign to the Assignee whose name is set forth in connection with the Transferred Assets described in this Section 1 (as set forth on Schedule 2 (with respect to Patents and Patent applications), Schedule 3 (with respect to Trademarks and Trademark applications), Schedule 4 (with respect to domain names), and Schedule 5 (with respect to any other Transferred Assets described in this Section 1)), and such Assignee hereby accepts the transfer and assignment of all worldwide right, title and interest in and to, free and clear of all Encumbrances except Permitted Encumbrances:

(a) the Target IP, including all goodwill of the business symbolized or associated therewith;

(b) all Patents and Patent applications listed on Schedule 2 attached hereto, the Trademarks and Trademark applications listed on Schedule 3 attached hereto, and the domain names listed on Schedule 4 attached hereto;

(c) any and all continuations-in-part, divisionals, reissues, re-examinations, substitutions and extensions of any patents and patent applications within the Target IP that may hereafter be secured by such Assignee under the laws now or hereafter in effect in the United States or in any other jurisdiction;

(d) all rights of any kind whatsoever of each Assignor accruing under any of the foregoing provided by applicable law of any jurisdiction, by international treaties and conventions and otherwise throughout the world;

(e) any and all royalties, fees, income, payments and other proceeds now or hereafter due or payable with respect to, or deriving from any and all of the foregoing; and

(f) any and all claims and causes of action, with respect to any of the foregoing, whether accruing before, on and/or after the date of this Assignment, including all rights to and claims for damages, restitution and injunctive and other legal and equitable relief for past, present and future infringement, dilution, injury to the associated goodwill, misappropriation, violation, misuse, breach or default, with the right but no obligation to sue for such legal and equitable relief and to collect, or otherwise recover, any such damages, as permitted under the applicable laws for any jurisdiction or country in which such claims may be asserted for the use and benefit of such Assignee and its successors, assigns and other legal representatives.

2. Use of Target IP. The foregoing assigned Target IP and related rights are to be held, used and enjoyed by the Assignee(s) to which it is assigned, its successors and assigns from and after the date hereof as fully and entirely as the same would have been held, used and enjoyed by each Assignor had this Assignment not been made.

3. Unassignable IP. If any Assignor has any intellectual property rights in and to the Target IP that cannot be assigned as a matter of law (the "Unassignable IP Rights"), such Assignor hereby grants to each Assignee, as applicable, an exclusive (without reservation), irrevocable, perpetual, worldwide, transferable, fully-paid and royalty-free license, with the right to sublicense through multiple tiers, under the Unassignable IP Rights, to fully utilize the Target IP in any manner without any restriction, and such Assignor hereby unconditionally and irrevocably waives and quitclaims to each Assignee, as applicable, any and all claims and causes of action of any kind against such Assignee, its successors, assigns, and other legal representatives, and its licensees (through multiple tiers) with respect to such rights, and agrees, at such Assignee's request and expense, to consent to and join in any action to enforce such rights. Each Assignor further waives any "moral" rights, or other rights with respect to

attribution of authorship or integrity relating to the Target IP as such Assignor may have under any applicable law under any legal theory.

4. Recordation. Each Assignor authorizes the U.S. Commissioner for Patents and the U.S. Commissioner for Trademarks and any other governmental officials of any patent or trademark office worldwide to record and register this Assignment upon request by the Assignees. Each Assignor shall, from time to time, at the request of any Assignee and without further consideration, but at the expense of and for the benefit of such Assignee and its successors and assigns, execute and deliver all of such instruments of sale, transfer, assignment and conveyance and all such notices, releases, acquittances and other documents, and take such other action, as such Assignee may reasonably request to effectively transfer, assign and convey to, and vest in, such Assignee and to put such Assignee in possession of the Target IP transferred and assigned thereto. Without limiting the foregoing, within three (3) business days following execution of this Assignment, each Assignor will transfer (or accept a request to transfer) the domain names included among the Target IP to an account and/or registrar of Assignee's choosing, unlock such domain names, and provide Assignee with all applicable AUTH CODEs.

5. Legal Proceedings. Each Assignor hereby appoints the Assignees and their respective successors and assigns as such Assignor's true and lawful attorneys with full power of substitution, in such Assignor's name and stead but on behalf and for the benefit of the Assignees and their respective successors and assigns, for the limited purpose of prosecuting and maintaining the Target IP before any trademark or patent office worldwide, at the expense of and for the benefit of the Assignee to which such Target IP was transferred and assigned and its successors and assigns, or executing such documents, which such Assignee or its successors or assigns may deem proper for the collection or reduction to possession of, or recordation of ownership to, any of the Target IP. The dissolution of such Assignor will not work a revocation of the foregoing powers.

6. Additional Documents. Each Assignor hereby agrees to execute any additional documents as may be reasonably necessary to effectuate the transfer of title in and to the Target IP to the applicable Assignee. Each Assignor will further cause its Affiliates to execute any other documents and undertake any other actions necessary to carry out the full intents and purposes of this Agreement and to fully vest all Target IP with the applicable Assignee.

7. Governing Law. Except to the extent that federal law preempts state law with respect to the matters covered hereby, this Assignment shall be governed by and construed and enforced in accordance with the internal laws of the State of New York without regard to the conflict of law principles thereof.

8. Amendment and Modifications. This Agreement may be amended, modified or supplemented at any time by the parties hereto, but only by an instrument in writing signed on behalf of the parties.

9. Waiver. At any time, the parties hereto entitled to the benefits of the respective term or provision may waive compliance with any obligation, covenant, agreement or condition contained herein. Any agreement on the part of a party to any such waiver shall be valid only if set forth in an instrument in writing signed on behalf of the party not entitled to the benefits of such waiver. No failure or delay on the part of any party hereto in the exercise of any right hereunder shall impair such right or be construed to be a waiver of, or acquiescence in, any breach of any representation, warranty or agreement herein, nor shall any single or partial exercise of such right preclude other or further exercise thereof or any other right

10. Counterparts. This Assignment may be signed in any number of counterparts, each of which shall be an original, with the same effect as if the signatures thereto and hereto were upon the same instrument. This Assignment shall become effective when each party hereto shall have received a counterpart hereof signed by the other parties hereto. For the convenience of the parties, any number of counterparts hereof may be executed, each such executed counterpart shall be deemed an original and all such counterparts together shall constitute one and the same instrument. Facsimile transmission (including the e-mail delivery of documents in Adobe PDF format) of any signed original counterpart and/or retransmission of any signed facsimile transmission shall be deemed the same as the delivery of an original.

11. Order of Precedence. In the event of any conflict or inconsistency between the terms of the Purchase Agreement and the terms hereof, the terms of the Purchase Agreement shall govern.

* * * * *

IN WITNESS WHEREOF, the parties hereto have caused this Intellectual Property Assignment Agreement to be executed as of the date first above written.

KENNAMETAL INC., *as Assignor*

By:


Name: John H. Jacko, Jr.
Title: Vice President and Chief Marketing Officer

[Signature page to Intellectual Property Assignment Agreement]

IN WITNESS WHEREOF, the parties hereto have caused this Intellectual Property Assignment Agreement to be executed as of the date first above written.

DELORO STELLITE HOLDINGS CORPORATION, *as*
Assignor

By:

Michelle R. Keating

Name: Michelle R. Keating

Title: Assistant Secretary

[Signature page to Intellectual Property Assignment Agreement]

IN WITNESS WHEREOF, the parties hereto have caused this Intellectual Property Assignment Agreement to be executed as of the date first above written.

KENNAMETAL TRICON METALS & SERVICES, INC.,
as Assignor

By: Michelle R. Keating
Name: Michelle R. Keating
Title: Assistant Secretary

[Signature page to Intellectual Property Assignment Agreement]

IN WITNESS WHEREOF, the parties hereto have caused this Intellectual Property Assignment Agreement to be executed as of the date first above written.

KENNAMETAL INFRASTRUCTURE GMBH, *as Assignor*

By: 

Name: Christoph Heckel

Title: Managing Director

By: 

Name: Dr. Thomas Lask

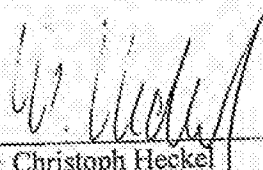
Title: Authorized Officer (*Prokurist*)

[Signature page to Intellectual Property Assignment Agreement]

IN WITNESS WHEREOF, the parties hereto have caused this Intellectual Property Assignment Agreement to be executed as of the date first above written.

KENNAMETAL PRODUKTIONS GMBH & CO. KG, as
Assignor

By:


Name: Christoph Heckel

Title: Managing Director of the general partner
Kennametal GmbH

By:


Name: Dr. Thomas Lask

Title: Authorized Officer (*Prokurist*) of the general
partner Kennametal GmbH

[Signature page to Intellectual Property Assignment Agreement]

IN WITNESS WHEREOF, the parties hereto have caused this Intellectual Property Assignment Agreement to be executed as of the date first above written.

KENNAMETAL EUROPE GMBH, *as Assignor*

By: 

Name: Johannes Berting
Title: Managing Director

By: _____

Name: Michael Rünz
Title: Authorized Officer (*Prokurist*)

[Signature page to Intellectual Property Assignment Agreement]


IN WITNESS WHEREOF, the parties hereto have caused this Intellectual Property Assignment Agreement to be executed as of the date first above written.

KENNAMETAL EUROPE GMBH, *as Assignor*

By:

Name: Johannes Berting
Title: Managing Director

By:


Name: Michael Ranz
Title: Authorized Officer (*Prokurist*)

[Signature page to Intellectual Property Assignment Agreement]

IN WITNESS WHEREOF, the parties hereto have caused this Intellectual Property Assignment Agreement to be executed as of the date first above written.

KENNAMETAL EXTRUDE HONE GMBH, *as Assignee*

By: 

Name: Dieter Josef Abler
Title: Managing Director

By: 


Name: Wolfgang Pern
Title: Managing Director

[Signature page to Intellectual Property Assignment Agreement]

IN WITNESS WHEREOF, the parties hereto have caused this Intellectual Property Assignment Agreement to be executed as of the date first above written.

EXTRUDE HONE LLC, *as Assignee*

By:



Name: Aaron Van Getson

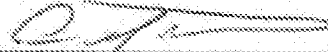
Title: Vice President, Assistant Secretary and
Assistant Treasurer

[Signature page to Intellectual Property Assignment Agreement]

IN WITNESS WHEREOF, the parties hereto have caused this Intellectual Property Assignment Agreement to be executed as of the date first above written.

LANDIS SOLUTIONS LLC, *as Assignee*

By:



Name: Aaron Van Getson

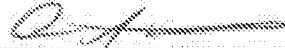
Title: Vice President, Assistant Secretary and
Assistant Treasurer

[Signature page to Intellectual Property Assignment Agreement]

IN WITNESS WHEREOF, the parties hereto have caused this Intellectual Property Assignment Agreement to be executed as of the date first above written.

TRICON WEAR SOLUTIONS LLC, *as Assignee*

By:



Name: Aaron Van Getson

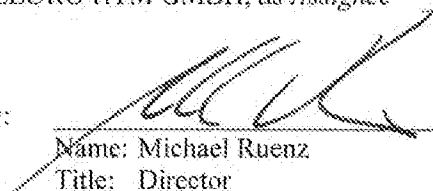
Title: Vice President, Assistant Secretary and
Assistant Treasurer

[Signature page to Intellectual Property Assignment Agreement]

IN WITNESS WHEREOF, the parties hereto have caused this Intellectual Property Assignment Agreement to be executed as of the date first above written.

DELORO HTM GMBH, *as Assignee*

By:


Name: Michael Ruenz
Title: Director

By:

Name: Karl-Heinz Andres
Title: Director

[Signature page to Intellectual Property Assignment Agreement]

IN WITNESS WHEREOF, the parties hereto have caused this Intellectual Property Assignment Agreement to be executed as of the date first above written.

DELORO HTM GMBH, *as Assignee*

By: _____

Name: Michael Ruenz

Title: Director

By: _____

Name: Karl-Heinz Andres

Title: Director

[Signature page to Intellectual Property Assignment Agreement]

IN WITNESS WHEREOF, the parties hereto have caused this Intellectual Property Assignment Agreement to be executed as of the date first above written.

MADISON INDUSTRIES HOLDING B.V., *as Assignee*

By: MADISON INDUSTRIES COÖPERATIEF U.A.
Its: Director

By: 
Name: David Cogman
Title: Managing Director

By: _____
Name: Jan-Willem Radstaak
Title: Managing Director

[Signature page to Intellectual Property Assignment Agreement]

IN WITNESS WHEREOF, the parties hereto have caused this Intellectual Property Assignment Agreement to be executed as of the date first above written.

MADISON INDUSTRIES HOLDING B.V., *as Assignee*

By: MADISON INDUSTRIES COÖPERATIEF U.A.
Its: Director

By: _____
Name: David Coghlan
Title: Managing Director


By: _____
Name: Jan Willem Radstaak
Title: Managing Director

[Signature page to Intellectual Property Assignment Agreement]


IN WITNESS WHEREOF, the parties hereto have caused this Intellectual Property Assignment Agreement to be executed as of the date first above written.

KENNAMETAL STELLITE GMBH, *as Assignee*

By:

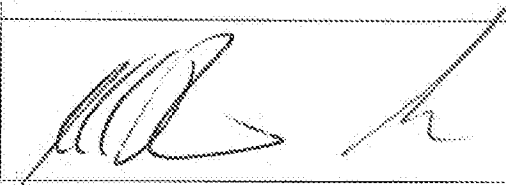

Name: Michael Ruenz
Title: Director

By:


Name: Markus Ohlemacher
Title: Director

Herewith we, Michael Ruenz and Markus Ohlemacher, notify that we have not yet been appointed as managing directors of the represented Kennametal Stellite GmbH at signing of this Intellectual Property Assignment Agreement. Therefore, this agreement may only be executed following our appointment as managing director of Kennametal Stellite GmbH.

Hiermit weisen wir, Michael Ruenz und Markus Ohlemacher, darauf hin, dass zum Zeitpunkt der Ausfertigung und Unterzeichnung des Intellectual Property Assignment Agreements noch nicht zum Geschäftsführer der hier vertretenen Kennametal Stellite GmbH bestellt worden sind. Dieser Vertrag darf daher nur nach unserer Bestellung als Geschäftsführer der Kennametal Stellite GmbH ausgeführt werden.




[Signature page to Intellectual Property Assignment Agreement]

IN WITNESS WHEREOF, the parties hereto have caused this Intellectual Property Assignment Agreement to be executed as of the date first above written.

KENNAMETAL STELLITE COATINGS S.R.L, *as*
Assignee

By:



Name: Michael Ruenz
Title: Director

[Signature page to Intellectual Property Assignment Agreement]

SCHEDULE 1

ASSIGNORS AND ASSIGNEES

Assignors:

1. Kennametal Inc.
2. Deloro Stellite Holdings Corporation
3. Kennametal Tricon Metals & Services, Inc.
4. Kennametal Infrastructure GmbH
5. Kennametal Produktions GmbH & Co. KG
6. Kennametal Europe GmbH

Assignees:

1. Kennametal Extrude Hone GmbH
2. Extrude Hone LLC
3. Landis Solutions LLC
4. Tricon Wear Solutions LLC
5. Deloro HTM GmbH
6. Madison Industries Holding B.V.
7. Kennametal Stellite GmbH
8. Kennametal Stellite Coatings, S.r.l.

SCHEDULE 2

PATENTS AND PATENT APPLICATIONS

See attached.

The Patents and Patent Applications listed on the “Extrude Hone Patents-1” document are owned by Extrude Hone LLC (as successor to Extrude Hone Corporation), Extrude Hone GmbH and Kennametal Extrude Hone GmbH, as set forth in the attachment hereto, the shares of which are being transferred and therefore will be owned by a member of the Buyer group following the Closing. As a result, no assignment is necessary.

The Patents and Patent Applications listed on the “Extrude Hone Patents-2” document attached hereto shall be assigned to Extrude Hone LLC and Kennametal Extrude Hone GmbH.

The Patents and Patent Applications listed on the “Landis Business Patents” document attached hereto shall be assigned to Landis Solutions LLC.

The Patents and Patent Applications listed on the “Tricon Business Patents” document attached hereto shall be assigned to Tricon Wear Solutions LLC.

The Patents and Patent Applications listed on the “Biel Business Patents” document attached hereto shall be assigned to Deloro HTM GmbH.

The Patent Applications listed on the “Koblenz Patents” document attached hereto shall be assigned to Kennametal Stellite GmbH.

Key Location of Business	Country	Case Reference	Application No.	Filing Date	Inventor Title	Inventors (Last)	Expiry Date	Current Status	Filing Type	Google Patent Link	Beneficial Owner	Registered Owner	Assignee
Entrada Here	China	K-02744-CN-PCT	201086034405.10	2-Aug-10	METHOD FOR REMOVING ELECTROCHEMICAL DEPOSIT FROM WORKPIECE	Walt, Patrick, Resner, Michael, Schenker, Johannes	08-02-2030	Grant	PCT Application	http://www.google.com/patents/KS20120138480A1	Kemmerell Inc.	Entrada Here GmbH	Kemmerell Entrada Here GmbH
Entrada Here	France	K-02744-FR-EPT	107359206	2-Aug-10	METHOD AND DEVICE FOR ELECTROCHEMICAL MACHINING	Walt, Patrick, Resner, Michael, Schenker, Johannes	09-02-2030	Grant	Euro PCT Application	http://www.google.com/patents/KS20120138480A1	Kemmerell Inc.	Entrada Here GmbH	Kemmerell Entrada Here GmbH
Entrada Here	Germany	K-02744-DE-EPT	107359206	2-Aug-10	METHOD AND DEVICE FOR ELECTROCHEMICAL MACHINING	Walt, Patrick, Resner, Michael, Schenker, Johannes	08-02-2030	Grant	Euro PCT Application	http://www.google.com/patents/KS20120138480A1	Kemmerell Inc.	Entrada Here GmbH	Kemmerell Entrada Here GmbH
Entrada Here	Italy	K-02744-IT-EPT	107359206	Aug 2, 1010	METHOD AND DEVICE FOR ELECTROCHEMICAL MACHINING	Walt, Patrick, Resner, Michael, Schenker, Johannes	09-02-2030	Grant	Euro PCT Application	http://www.google.com/patents/KS20120138480A1	Kemmerell Inc.	Entrada Here GmbH	Kemmerell Entrada Here GmbH
Entrada Here	Japan	K-02744-JP-PCT	20109293710	2-Aug-10	METHOD FOR TREATING ELECTROCHEMICAL WORKPIECE	Walt, Patrick, Resner, Michael, Schenker, Johannes	08-02-2030	Filing	PCT Application	http://www.google.com/patents/KS20120138480A1	Kemmerell Inc.	Entrada Here GmbH	Kemmerell Entrada Here GmbH
Entrada Here	United States Of America	K-02744-US-PCT	13887786	2-Aug-10	FLEXTOOL - FLEXIBLE ELECTROCHEMICAL MACHINING SYSTEM FOR ECM PROCESS	Walt, Patrick, Resner, Michael, Schenker, Johannes	05-02-2031	Grant	National Patent	http://www.google.com/patents/KS20120138480A1	Kemmerell Inc.	Entrada Here GmbH	Kemmerell Entrada Here GmbH
Entrada Here	Germany	K-04023-DE-NP	102011100174.70	2-May-11	ELECTROCHEMICAL MACHINING SYSTEM FOR ECM PROCESS	Walt, Patrick, Resner, Michael, Schenker, Johannes	05-02-2031	Grant	National Patent	http://www.google.com/patents/KS20120138480A1	Kemmerell Inc.	Entrada Here GmbH	Kemmerell Entrada Here GmbH
Entrada Here	Germany	K-04023-DE-DIV	20201110005.90	2-May-11	ELECTROCHEMICAL MACHINING SYSTEM FOR ECM PROCESS	Walt, Patrick, Resner, Michael, Schenker, Johannes	05-02-2031	Grant	National Patent	http://www.google.com/patents/KS20120138480A1	Kemmerell Inc.	Entrada Here GmbH	Kemmerell Entrada Here GmbH
Entrada Here	United States Of America	NEI-02276-US-DIP	090738.892	18-Aug-99	ABRASIVE POLISHING METHOD, APPARATUS AND COMPOSITION	Greiner, James, Ruedel, Ruedel, Lawrence J	02-24-2017	Grant	Continuation-in-part	http://www.google.com/patents/US61000110017443	Kemmerell Inc.	Entrada Here LLC (as successor to Entrada Here Corporation)	Kemmerell Entrada Here GmbH
Entrada Here	United States Of America	NEI-02276-US-DIV	090926.604	14-Aug-01	ABRASIVE POLISHING APPARATUS	Greiner, James, Ruedel, Ruedel, Lawrence J	02-24-2017	Grant	National Patent	http://www.google.com/patents/US61000110017443	Kemmerell Inc.	Entrada Here LLC (as successor to Entrada Here Corporation)	Kemmerell Entrada Here GmbH
Entrada Here	United States Of America	NEI-02276-US-DIV	090926.604	14-Aug-01	ABRASIVE POLISHING COMPOSITION	Greiner, James, Ruedel, Ruedel, Lawrence J	02-24-2017	Grant	National Patent	http://www.google.com/patents/US61000110017443	Kemmerell Inc.	Entrada Here LLC (as successor to Entrada Here Corporation)	Kemmerell Entrada Here GmbH
Entrada Here	United States Of America	NEI-02284-US-PCT	11500601	1-Jul-05	ABRASIVE MACHINING METHOD FOR THERMOPLASTIC POLYMER	Linn, Michael F.Troua, A.Cheo, David P	03-01-2027	Grant	PCT Application	http://www.google.com/patents/US61000110017443	Kemmerell Inc.	Entrada Here LLC (as successor to Entrada Here Corporation)	Kemmerell Entrada Here GmbH
Entrada Here	China	NEI-02288-CN-NP	1132670	6-Sep-01	HIGH PRECISION ABRASIVE FLOW MACHINING APPARATUS AND METHOD	Walt, William M.Pulson, Edward J.Alt, Rudi S.Voss, Lawrence J	09-06-2021	Grant	National Patent	http://www.google.com/patents/US61000110017443	Kemmerell Inc.	Entrada Here LLC (as successor to Entrada Here Corporation)	Kemmerell Entrada Here GmbH
Entrada Here	France	NEI-02288-FR-EPA	1650099.3	5-Sep-01	HIGH PRECISION ABRASIVE FLOW MACHINING APPARATUS AND METHOD	Walt, William M.Pulson, Edward J.Alt, Rudi S.Voss, Lawrence J	09-05-2021	Grant	Euro Patent Application	http://www.google.com/patents/US61000110017443	Kemmerell Inc.	Entrada Here LLC (as successor to Entrada Here Corporation)	Kemmerell Entrada Here GmbH
Entrada Here	Germany	NEI-02288-DE-EPA	1650099.3	5-Sep-01	HIGH PRECISION ABRASIVE FLOW MACHINING APPARATUS AND METHOD	Walt, William M.Pulson, Edward J.Alt, Rudi S.Voss, Lawrence J	09-05-2021	Grant	Euro Patent Application	http://www.google.com/patents/US61000110017443	Kemmerell Inc.	Entrada Here LLC (as successor to Entrada Here Corporation)	Kemmerell Entrada Here GmbH
Entrada Here	Japan	NEI-02288-JP-NP	2701785730	6-Sep-01	HIGH PRECISION ABRASIVE FLOW MACHINING APPARATUS AND METHOD	Walt, William M.Pulson, Edward J.Alt, Rudi S.Voss, Lawrence J	09-06-2021	Grant	National Patent	http://www.google.com/patents/US61000110017443	Kemmerell Inc.	Entrada Here LLC (as successor to Entrada Here Corporation)	Kemmerell Entrada Here GmbH
Entrada Here	United States Of America	NEI-02288-US-NP	090931204	16-Aug-01	HIGH PRECISION ABRASIVE FLOW MACHINING APPARATUS AND METHOD	Walt, William M.Pulson, Edward J.Alt, Rudi S.Voss, Lawrence J	09-06-2021	Grant	National Patent	http://www.google.com/patents/US61000110017443	Kemmerell Inc.	Entrada Here LLC (as successor to Entrada Here Corporation)	Kemmerell Entrada Here GmbH
Entrada Here	China	NEI-02290-CN-PCT	0852930.6	21-Sep-01	ABRASIVE FLOW MACHINING APPARATUS AND METHOD	Walt, William M.Pulson, Edward J.Alt, Rudi S.Voss, Lawrence J	09-21-2021	Grant	PCT Application	http://www.google.com/patents/US61000110017443	Kemmerell Inc.	Entrada Here LLC (as successor to Entrada Here Corporation)	Kemmerell Entrada Here GmbH
Entrada Here	Germany	NEI-02290-DE-EPT	1975764	21-Sep-01	ABRASIVE FLOW MACHINING APPARATUS AND METHOD	Walt, William M.Pulson, Edward J.Alt, Rudi S.Voss, Lawrence J	09-21-2021	Grant	Euro PCT Application	http://www.google.com/patents/US61000110017443	Kemmerell Inc.	Entrada Here LLC (as successor to Entrada Here Corporation)	Kemmerell Entrada Here GmbH
Entrada Here	Japan	NEI-02290-JP-PCT	2005317970	21-Sep-01	ABRASIVE FLOW MACHINING APPARATUS AND METHOD	Walt, William M.Pulson, Edward J.Alt, Rudi S.Voss, Lawrence J	09-21-2021	Grant	PCT Application	http://www.google.com/patents/US61000110017443	Kemmerell Inc.	Entrada Here LLC (as successor to Entrada Here Corporation)	Kemmerell Entrada Here GmbH
Entrada Here	South Korea / Republic of Korea	NEI-02290-KR-PCT	2004706400	21-Sep-01	ABRASIVE FLOW MACHINING APPARATUS AND METHOD	Walt, William M.Pulson, Edward J.Alt, Rudi S.Voss, Lawrence J	09-21-2021	Grant	PCT Application	http://www.google.com/patents/US61000110017443	Kemmerell Inc.	Entrada Here LLC (as successor to Entrada Here Corporation)	Kemmerell Entrada Here GmbH
Entrada Here	United States Of America	NEI-02290-US-PCT	10488327	21-Sep-01	ABRASIVE FLOW MACHINING APPARATUS AND METHOD	Walt, William M.Pulson, Edward J.Alt, Rudi S.Voss, Lawrence J	09-21-2021	Grant	PCT Application	http://www.google.com/patents/US61000110017443	Kemmerell Inc.	Entrada Here LLC (as successor to Entrada Here Corporation)	Kemmerell Entrada Here GmbH

Exclude None	United States Of America	KEH-02291-US-GIP	11088176	12-Nov-04	METHOD AND APPARATUS FOR MEASURING FLOW POLISHING A WORKPIECE	Greenstein, John M./Rhoades, Lawrence J	09-23-2023	Grant	Continuation-In-Part		Kemenceal Inc.	Exclude None LLC (as successor to Exclude None Corporation)	Exclude None LLC
Exclude None	China	KEH-02291-CN-PCT	200460018332.70	23-Sep-04	DEVICE AND APPARATUS FOR MEASURING FLOW POLISHING A WORKPIECE	Kocosekany, James B	09-23-2024	Grant	PCT Application	http://www.google.com/patents/K6555587	Kemenceal Inc.	Exclude None LLC (as successor to Exclude None Corporation)	Exclude None LLC
Exclude None	Germany	KEH-02291-DE-EPT	471447 B.3	23-Sep-04	METHOD AND APPARATUS FOR MEASURING FLOW POLISHING A WORKPIECE	Kocosekany, James B	09-23-2024	Grant	Euro PCT Application	http://www.google.com/patents/K6555587	Kemenceal Inc.	Exclude None LLC (as successor to Exclude None Corporation)	Exclude None LLC
Exclude None	Japan	KEH-02291-JP-PCT	2008527193	23-Sep-04	DEVICE AND APPARATUS FOR MEASURING FLOW POLISHING A WORKPIECE	Kocosekany, James B	09-23-2024	Grant	PCT Application	http://www.google.com/patents/K6555587	Kemenceal Inc.	Exclude None LLC (as successor to Exclude None Corporation)	Exclude None LLC
Exclude None	Japan	KEH-02294-JP-PCT	09-508534	2-Aug-06	ABRASIVE LIQUID SLURRY FOR POLISHING AND POLISHING A MICROCHOLE	Perry, Winfield B	08-02-2016	Grant	PCT Application	http://www.google.com/patents/K6533387	Kemenceal Inc.	Exclude None LLC (as successor to Exclude None Corporation)	Exclude None LLC
Exclude None	Germany	KEH-02295-DE-EPT	999219472	11-May-99	SYSTEM FOR CONTROLLING THE SIZE AND SURFACE GEOMETRY OF AN ORIFICE	Perry, Winfield B./O'Shina, Liam /Wright, Mark	09-11-2019	Grant	Euro PCT Application	http://www.google.com/patents/K6533601	Kemenceal Inc.	Exclude None LLC (as successor to Exclude None Corporation)	Exclude None LLC
Exclude None	Japan	KEH-02295-JP-PCT	2008546125	11-May-99	SYSTEM FOR CONTROLLING THE SIZE AND SURFACE GEOMETRY OF AN ORIFICE	Perry, Winfield B./O'Shina, Liam /Wright, Mark	09-11-2019	Grant	PCT Application	http://www.google.com/patents/K6533601	Kemenceal Inc.	Dynetic Corporation	Exclude None LLC
Exclude None	Japan	KEH-02295-JP-PCT	2004205797	11-May-99	SYSTEM FOR CONTROLLING THE SIZE AND SURFACE GEOMETRY OF AN ORIFICE	Perry, Winfield B./O'Shina, Liam /Wright, Mark	09-11-2019	Grant	PCT Application	http://www.google.com/patents/K6533601	Kemenceal Inc.	Exclude None LLC (as successor to Exclude None Corporation)	Exclude None LLC
Exclude None	United States Of America	KEH-02295-US-NP	09/073,544	11-May-98	SYSTEM FOR CONTROLLING THE SIZE AND SURFACE GEOMETRY OF AN ORIFICE	Liam /Wright, Mark	05-11-2018	Grant	National Patent		Kemenceal Inc.	Exclude None LLC (as successor to Exclude None Corporation)	Exclude None LLC
Exclude None	Germany	KEH-02484-DE-NP	10204004991.20	30-Jan-04	APPARATUS AND METHOD FOR MACHINING OF WORKPIECES	Guenther, Markus /Guenther, Oliver	01-30-2024	Grant	National Patent	http://www.google.com/patents/K610000049172	Kemenceal Inc.	Exclude None GmbH	Kemenceal Inc.
Exclude None	Germany	KEH-02559-DE-EPT	8604157.9	12-Sep-08	DEVICE AND METHOD FOR ELECTROCHEMICAL TREATMENT	Huls, Rainer /Wardich, Peter /Malt, Patrick /Burmester, Ulrich /Fauz	09-12-2028	Grant	Euro PCT Application	http://www.google.com/patents/K62011025337	Kemenceal Inc.	Exclude None GmbH	Kemenceal Inc.
Exclude None	Germany	KEH-02559-DE-NP	102007044495.70	14-Sep-07	DEVICE AND METHOD FOR ELECTROCHEMICAL TREATMENT	Huls, Rainer /Wardich, Peter /Malt, Patrick /Burmester, Ulrich /Fauz	09-12-2028	Grant	PCT Application	http://www.google.com/patents/K62011025337	Kemenceal Inc.	Kemenceal/Exclude None GmbH	Kemenceal/Exclude None GmbH
Exclude None	Japan	KEH-02559-JP-PCT	2010524513	12-Sep-08	DEVICE AND METHOD FOR ELECTROCHEMICAL TREATMENT	Huls, Rainer /Wardich, Peter /Malt, Patrick /Burmester, Ulrich /Fauz	09-12-2028	Grant	PCT Application	http://www.google.com/patents/K62011025337	Kemenceal Inc.	Exclude None GmbH	Kemenceal/Exclude None GmbH
Exclude None	United States Of America	KEH-02559-US-PCT	12672398	12-Sep-08	DEVICE AND METHOD FOR ELECTROCHEMICAL TREATMENT	Huls, Rainer /Wardich, Peter /Malt, Patrick /Burmester, Ulrich /Fauz	09-12-2028	Grant	PCT Application	http://www.google.com/patents/K62011025337	Kemenceal Inc.	Exclude None GmbH	Kemenceal/Exclude None GmbH
Exclude None	Germany	KEH-02567-DE-EPT	3737285.3	23-Jan-03	METHOD AND DEVICE FOR OBTAINING A DETERMINED FLOW CHANNEL BY REMOVING RESISTANCE OF A FLOW CHANNEL	Gasper, Peter /Wahne, Alfred	01-23-2023	Grant	Euro PCT Application	http://www.google.com/patents/K62172865	Kemenceal Inc.	Exclude None GmbH	Kemenceal/Exclude None GmbH
Exclude None	United States Of America	KEH-02567-US-PCT	110531448	23-Jan-03	METHOD AND DEVICE FOR OBTAINING A DETERMINED FLOW CHANNEL BY REMOVING RESISTANCE OF A FLOW CHANNEL	Gasper, Peter /Wahne, Alfred	01-23-2023	Grant	PCT Application	http://www.google.com/patents/K62109594	Kemenceal Inc.	Exclude None GmbH	Kemenceal/Exclude None GmbH
Exclude None	United States Of America	KEH-02567-US-PCT	11954785	23-Jan-03	METHOD AND DEVICE FOR OBTAINING A DETERMINED FLOW CHANNEL BY REMOVING RESISTANCE OF A FLOW CHANNEL	Gasper, Peter /Wahne, Alfred	01-23-2023	Grant	PCT Application		Kemenceal Inc.	Exclude None GmbH	Kemenceal/Exclude None GmbH
Exclude None	Germany	KEH-02610-DE-PCT	11203001798.30	20-Jul-09	USE OF REGULATOR FOR THERMAL DEBURRING OF WORKPIECES	Wohmann, Kerstin /Ottensmeyer, Barbara	07-20-2029	Grant	PCT Application	http://www.google.com/patents/K62172865	Kemenceal Inc.	Exclude None GmbH	Kemenceal Inc.
Exclude None	European Patent Office (Patents)	KEH-02690-EPT-EPD	5914237.7	13-Feb-02	DEVICE AND METHOD FOR THERMAL DEBURRING OF WORKPIECES	Conrad, Hans-Jurgen /Berthold, Johann /Berthold, Berthold	02-13-2022	Publication	European divisional	http://www.google.com/patents/K6122820	Kemenceal Inc.	Exclude None LLC (as successor to Exclude None Corporation)	Exclude None LLC
Exclude None	Germany	KEH-02690-DE-EPA	20035808	13-Feb-02	DEVICE AND METHOD FOR THERMAL DEBURRING OF WORKPIECES	Conrad, Hans-Jurgen /Berthold, Johann /Berthold, Berthold	02-13-2022	Grant	European Application	http://www.google.com/patents/K6122820	Kemenceal Inc.	Exclude None GmbH	Kemenceal/Exclude None GmbH
Exclude None	Germany	KEH-02694-DE-EPT	7787395.6	27-Jul-07	DEVICE FOR THERMAL DEBURRING OF WORKPIECES	Malt, Patrick	07-27-2027	Grant	Euro PCT Application	http://www.google.com/patents/K62102033746	Kemenceal Inc.	Exclude None GmbH	Kemenceal/Exclude None GmbH
Exclude None	United States Of America	KEH-02694-US-PCT	122193449	27-Jul-07	DEVICE FOR THERMAL DEBURRING OF WORKPIECES	Malt, Patrick	04-25-2029	Grant	PCT Application	http://www.google.com/patents/K62102033746	Kemenceal Inc.	Exclude None GmbH	Kemenceal/Exclude None GmbH
Exclude None	United States Of America	KEH-02694-US-PCT	14282092	14-Apr-14	DEVICE FOR THERMAL DEBURRING OF WORKPIECES	Malt, Patrick	07-27-2027	Publication	Divisional	http://www.google.com/patents/K62102033746	Kemenceal Inc.	Exclude None GmbH	Kemenceal/Exclude None GmbH

KMT Location or Business	Country	Case Reference	Application No.	Filing Date	Internal Title	Inventors (List)	Expiry Date	Current Status	Filing Type	Google Patent Link	Beneficial Owner	Registered Owner	Assignee
Extrude Hone	Germany	K-02744-DE-NP	102009036221.50	5-Aug-09	METHOD AND DEVICE FOR ELECTROCHEM- ICAL	Matt, Patrick ; Fiesler, Michael ; Schreiner, Johannes	08-05-2029	Publicati- on	National Patent	http://www.google.com/patents/US20120138480A1	Kennametal Inc.	Kennametal Inc.	Kennametal Extrude Hone GmbH
Extrude Hone	Germany	K-06014-DE-NP	10 2015 103 224.4	5-Mar-15	Flexible Pulse shapes for Electrochemical machining to prevent stray machining	Wosniak, Fabio Augusto; Weber, Vitali	03-05-2035	Filing	National Patent			Kennametal Inc.	Kennametal Extrude Hone GmbH
Extrude Hone	United States Of America	KEH-02610-US-NP	12185949	5-Aug-08	GAS REGULATOR FOR THERMAL ENERGY	Mcnamon, Kieran ; O'Halloran, Eamonn	08-05-2028	Grant	National Patent	http://www.google.com/patents/US7922833	Kennametal Inc.	Kennametal Inc.	Extrude Hone LLC

KM1 Location or Business	Country	Case Reference	Application No.	Filing Date	Internal Title	Inventors (List)	Expiry Date	Current Status	Filing Type	Google Patent Link	Owner	Assignee
Landis	Canada	K-04505-CA-NP	2512347	15-Jul-05	REMOVABLE TAP CHASERS AND TAP SYSTEMS INCLUDING THE SAME	Mofft, Edward C.; Barnes, Donald G.; Shook, Brian V.	07-15-2025	Grant	National Patent	http://www.google.com/patents/US20060024140	TDV Industries, LLC	Landis Solutions LLC
Landis	China	K-04505-CN-NP	2,0051E+11	1-Aug-05	REMOVABLE TAP CHASERS AND TAP SYSTEMS INCLUDING THE SAME	Mofft, Edward C.; Barnes, Donald G.; Shook, Brian V.	08-01-2025	Grant	National Patent	http://www.google.com/patents/US20060024140	TDV Industries, LLC	Landis Solutions LLC
Landis	Canada	K-04543-CA-PCT	277361	Oct 22, 1010	THREAD ROLLING DIE AND METHOD OF MAKING THE SAME	Bowman, Grayson L.; Brown, Matthew D.; Mirchandani, Prakash K.; Shook, Bowman, Grayson L.; Brown, Matthew D.; Mirchandani, Prakash K.; Shook,	10-22-2030	Publication	PCT Application	http://www.google.com/patents/US20110107811	TDV Industries, LLC	Landis Solutions LLC
Landis	China	K-04543-CN-PCT	201080050402.20	22-Oct-10	THREAD ROLLING DIE	Bowman, Grayson L.; Brown, Matthew D.; Mirchandani, Prakash K.; Shook,	10-22-2030	Publication	PCT Application	http://www.google.com/patents/US20110107811	TDV Industries, LLC	Landis Solutions LLC
Landis	European Procedure (Patents)	K-04543-EP-EPT	107743627	22-Oct-10	THREAD ROLLING DIE AND METHOD OF MAKING THE SAME	Bowman, Grayson L.; Brown, Matthew D.; Mirchandani, Prakash K.; Shook,	10-22-2030	Publication	Euro-PCT Application	http://www.google.com/patents/US20110107811	TDV Industries, LLC	Landis Solutions LLC
Landis	Mexico	K-04543-MX- PCT	MXa2012004858	22-Oct-10	THREAD ROLLING DIE AND METHOD OF MAKING THE SAME	Bowman, Grayson L.; Brown, Matthew D.; Mirchandani, Prakash K.; Shook,	10-22-2030	Filing	PCT Application	http://www.google.com/patents/US20110107811	TDV Industries, LLC	Landis Solutions LLC
Landis	United States Of America	K-04543-US-NP	12616300	11-Nov-09	THREAD ROLLING DIE AND METHOD OF MAKING THE SAME	Mirchandani, Prakash K.; Shook, Brian V.; Bowman, Grayson L.; Brown,	11-11-2029	Publication	National Patent	http://www.google.com/patents/US20110107811	TDV Industries, LLC	Landis Solutions LLC
Landis	Canada	K-04546-CA-NP	2744583	27-Jun-11	APPARATUSES AND METHODS FOR ROLLING ANGLED LUBRICATION SADDLES	Hegel, Terry L.; Shook, Brian V.	06-27-2031	Publication	National Patent	http://www.google.com/patents/US20120011912	TDV Industries, LLC	Landis Solutions LLC
Landis	Mexico	K-04546-MX-NP	MXa2011007269	6-Jul-11	APPARATUSES AND METHODS FOR ROLLING ANGLED LUBRICATION SADDLES	Hegel, Terry L.; Shook, Brian V.	07-06-2031	Notice of Allowance	National Patent	http://www.google.com/patents/US20120011912	TDV Industries, LLC	Landis Solutions LLC
Landis	United States Of America	K-04546-US-NP	12836174	14-Jul-10	APPARATUSES AND METHODS FOR ROLLING ANGLED LUBRICATION SADDLES	Hegel, Terry L.; Shook, Brian V.	07-14-2030	Grant	National Patent	http://www.google.com/patents/US20120011912	Kennametal Inc.	Landis Solutions LLC

KMT Location or Business	Country	Case Reference	Application No.	Filing Date	Internal Title	Inventors (List)	Expiry Date	Current Status	Filing Type	Google Patent Link	Owner	Assignee
Tricon	Australia	K-03009-AU-PCT	2011336937	22-Nov-11	ABRASION RESISTANT STEEL, METHOD OF MANUFACTURING AN ABRASION RESISTANT STEEL AND ARTICLES MADE THEREFROM	Moody, Vance Allen	11-22-2031	Filing	PCT Application	http://www.google.com/patents/US20120134872A1	Kennametal Inc.	Tricon Wear Solutions LLC
Tricon	Canada	K-03009-CA-PCT	2817408	22-Nov-11	ABRASION RESISTANT STEEL, METHOD OF MANUFACTURING AN ABRASION RESISTANT STEEL AND ARTICLES MADE THEREFROM	Moody, Vance Allen	11-22-2031	Filing Decision	PCT Application	http://www.google.com/patents/US20120134872A1	Kennametal Inc.	Tricon Wear Solutions LLC
Tricon	China	K-03009-CN-PCT	201180056549.70	22-Nov-11	ABRASION RESISTANT STEEL, METHOD OF MANUFACTURING AN ABRASION RESISTANT STEEL AND ARTICLES MADE THEREFROM	Moody, Vance Allen	11-22-2031	Publication	PCT Application	http://www.google.com/patents/US20120134872A1	Kennametal Inc.	Tricon Wear Solutions LLC
Tricon	Germany	K-03009-DE-PCT	112011103972.70	22-Nov-11	ABRASION RESISTANT STEEL, METHOD OF MANUFACTURING AN ABRASION RESISTANT STEEL AND ARTICLES MADE THEREFROM	Moody, Vance Allen	11-22-2031	Publication	PCT Application	http://www.google.com/patents/US20120134872A1	Kennametal Inc.	Tricon Wear Solutions LLC
Tricon	South Africa	K-03009-ZA-PCT	201302515	22-Nov-11	ABRASION RESISTANT STEEL, METHOD OF MANUFACTURING AN ABRASION RESISTANT STEEL AND ARTICLES MADE THEREFROM	Moody, Vance Allen	11-22-2031	Grant	PCT Application	http://www.google.com/patents/US20120134872A1	Kennametal Inc.	Tricon Wear Solutions LLC
Tricon	United States Of America	K-03009-US-NP	129565590	30-Nov-10	ABRASION RESISTANT STEEL, METHOD OF MANUFACTURING AN ABRASION RESISTANT STEEL AND ARTICLES MADE THEREFROM	Moody, Vance Allen	11-30-2030	Publication	National Patent	http://www.google.com/patents/US20120134872A1	Kennametal Inc.	Tricon Wear Solutions LLC

KM1 Location or Business	Country	Case Reference	Application No.	Filing Date	Internal Title	Inventors (List)	Expiry Date	Current Status	Filing Type	Google Patent Link	Owner	Assignee
Biel	Germany	K-04075-DE-EPT	4405664.6	29-Oct-04	METHOD FOR MANUFACTURING A CERMET LAYER AND COATED PRODUCT	Hoter, Beat ;Bruder, Lohar Heinrich	10-09-2024	Grant	European Application	http://www.google.com/patents/DE1652668	Kemameitel Europe GmbH	Dalcoz HTM GmbH
Biel	Austria	K-04075-AT-EPT	9741823	27-Apr-09	METHOD FOR PRODUCING A MEGNETIZABLE METAL SHAPED BODY	Hoter, Beat ;Gumpel, Paul ; Glaser, Stefan	4/27/2029	Grant	Euro-PCT Application	http://www.google.com/patents/US20110058976	Kemameitel Europe GmbH	Dalcoz HTM GmbH
Biel	Germany	K-04075-DE-EPT	9741823	27-Apr-09	METHOD FOR PRODUCING A MEGNETIZABLE METAL SHAPED BODY	Hoter, Beat ;Gumpel, Paul ; Glaser, Stefan	04-27-2029	Grant	Euro-PCT Application	http://www.google.com/patents/US20110058976	Kemameitel Europe GmbH	Dalcoz HTM GmbH
Biel	Germany	K-04075-DE-NP	102008023059.60	9-May-08	METHOD FOR PRODUCING A MEGNETIZABLE METAL SHAPED BODY	Hoter, Beat ;Gumpel, Paul ; Glaser, Stefan	05-09-2028	Grant	National Patent	http://www.google.com/patents/US20110058976	Kemameitel Europe GmbH	Dalcoz HTM GmbH
Biel	Ireland	K-04075-IE-EPT	9741823	27-Apr-09	METHOD FOR PRODUCING A MEGNETIZABLE METAL SHAPED BODY	Hoter, Beat ;Gumpel, Paul ; Glaser, Stefan	04-27-2029	Grant	Euro-PCT Application	http://www.google.com/patents/US20110058976	Kemameitel Europe GmbH	Dalcoz HTM GmbH
Biel	Switzerland	K-04075-CH-EPT	9741823	27-Apr-09	METHOD FOR PRODUCING A MEGNETIZABLE METAL SHAPED BODY	Hoter, Beat ;Gumpel, Paul ; Glaser, Stefan	04-27-2029	Grant	Euro-PCT Application	http://www.google.com/patents/US20110058976	Kemameitel Europe GmbH	Dalcoz HTM GmbH
Biel	United Kingdom	K-04075-GB-EPT	9741823	27-Apr-09	METHOD FOR PRODUCING A MEGNETIZABLE METAL SHAPED BODY	Hoter, Beat ;Gumpel, Paul ; Glaser, Stefan	04-27-2029	Grant	Euro-PCT Application	http://www.google.com/patents/US20110058976	Kemameitel Europe GmbH	Dalcoz HTM GmbH
Biel	United States Of America	K-04075-US-PCT	12991552	27-Apr-09	METHOD FOR PRODUCING A MEGNETIZABLE METAL SHAPED BODY	Hoter, Beat ;Gumpel, Paul ; Glaser, Stefan	04-27-2029	Publication	PCT Application	http://www.google.com/patents/US20110058976	Kemameitel Europe GmbH	Dalcoz HTM GmbH
Biel	Germany	K-04075-DE-EPA	968903853	11-Jun-96	PROCESS FOR PREPARING HARDNESS MEASUREMENT PLATES	Hoter, Beat	06-11-2016	Grant	European Application	http://www.google.com/patents/DE9754942	Kemameitel Europe GmbH	Dalcoz HTM GmbH

K&T Location or Business	Cauntity	Case Reference	Application No	Filing Date	Internal Title	Inventors (List)	Current Status	Filing Type	Owner	Assignee
Koblenz	Germany	Case K-4256-DE-NP	DE01210021265	29-Oct-12	Online Process Control via Emission Spectroscopy	Oliver Lanz, Georg Anderod, Peter Korns, Christian Benesko	Publication (DE102012021265 A1)	National Patent	Kernmetal Inc.	Kernmetal Stellite GmbH
Koblenz	U.S.	Case PI-5-06054-US-NP	62194362	20-Jul-15	SYSTEM AND METHOD FOR AUTOMATED WELDING	Oliver Lanz, Torsten Baum	Filing	Provisional Application	Kernmetal Inc.	Kernmetal Stellite GmbH

SCHEDULE 3

TRADEMARKS AND TRADEMARK APPLICATIONS

See attached.

The Trademarks and Trademark Applications listed on the “Landis Business Trademarks” document attached hereto shall be assigned to Landis Solutions LLC.

The Trademarks and Trademark Applications listed on the “Tricon Business Trademarks” document attached hereto shall be assigned to Tricon Wear Solutions LLC.

The Trademarks and Trademark Applications listed on the “Biel (Deloro) Trademark” document attached hereto shall be assigned to Madison Industries Holding B.V.

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LANDMATIC	KTM 4692.R1	France	Registered			Aug 7, 1996	96637864	Metalworking Products	07 Int.-		Landis Solutions LLC
LANDMATIC	KTM 4692.G81	United Kingdom	Registered			Aug 28, 1997	579556	Metalworking Products	07 Int.-Die heads being machine tools		Landis Solutions LLC
LANDMATIC	KTM 4692.US1	United States of America	Registered	Apr 22, 1926	71230553	Aug 24, 1926	217005	Kennametal Inc.	08 Int.-DIE HEADS		Landis Solutions LLC

LANBAC	KTM 4/694.US1	United States of America	Registered	Oct 12, 1939	71424480	Aug 20, 1940	380288	Kennametal Inc.	07 inc.-TENGING/AL CHASSIS.	Landis Solutions LLC
OSTER	KTM 4/710.CA1	Canada	Registered	Jul 29, 1926	0122755	Nov 1, 1928	TM0245154	Kennametal Inc.	04 inc.-CUTTING OILS.	Landis Solutions LLC
OSTER	KTM 4/710.US1	United States of America	Registered	Apr 29, 1986	73725412	Jan 3, 1989	131862	Kennametal Inc.		Landis Solutions LLC
OSTER	KTM 4/710.US3	United States of America	Registered	Apr 15, 1906	71084113	Jul 21, 1906	70024	Kennametal Inc.	07 inc.-THREAD CUTTING TOOLS, MACHINES,AND DEVICES.	Landis Solutions LLC
BEST OIL	KTM 4/769.US1	United States of America	Registered	Jul 30, 2006	77534474	Apr 7, 2009	3401669	Kennametal Inc.	04 inc.-Cutting oil for industrial metal working	Landis Solutions LLC
HYPERRO!	KTM 4/774.BR1	Brazil	Registered	Sep 21, 2009	901971448	Aug 7, 2012	901971448	TDY INDUSTRIES, INC.	07 inc.-Thread rolling tools, namely, thread rolling machines, thread rolling heads, thread rolling dies, thread rolls, and thread rolling devices.	Landis Solutions LLC
HYPERRO!	KTM 4/774.CA1	Canada	Registered	Sep 24, 2009	1452975	Dec 23, 2010	785969	Kennametal Inc.	07 inc.-Thread rolling tools, namely, thread rolling machines, thread rolling heads, thread rolling dies, thread rolls, and thread rolling devices.	Landis Solutions LLC
HYPERRO!	KTM 4/774.EU1	European Union	Registered	Sep 18, 2009	8559809	May 10, 2010	8559809	Kennametal Inc.	07 inc.-Thread rolling tools, namely, thread rolling machines, thread rolling heads, thread rolling dies, thread rolls, and thread rolling devices.	Landis Solutions LLC
HYPERRO!	KTM 4/774.MX1	Mexico	Registered	Sep 24, 2009	1066001	Oct 15, 2009	1125949	TDY INDUSTRIES, INC.	07 inc.-Thread rolling tools, namely, thread rolling machines, thread rolling heads, thread rolling dies, thread rolls, and thread rolling devices.	Landis Solutions LLC
HYPERRO!	KTM 4/774.US1	United States of America	Registered	Mar 24, 2009	77697929	Feb 9, 2010	3746158	Kennametal Inc.	07 inc.-Thread rolling tools, namely, thread rolling machines, thread rolling heads, thread rolling dies, thread rolls, and thread rolling devices.	Landis Solutions LLC
LANDIS 8 Device (Dead)	KTM 4/865.MY1	Malaysia	Registered			May 19, 1952	MZ1401	Metalworking Products	07 inc.-CUTTER HEADS, THREAD-CUTTING MACHINES, AND CUTTERS THEREFOR.	Landis Solutions LLC

MARK	FILE NUMBER	COUNTRY NAME	STATUS	DATE FILED	APPLICATION NUMBER	REGISTRATION DATE	REGISTRATION NUMBER	OWNER	ASSIGNEE
TRICON SUPER C	ATM-828AU1	Australia	Registered	Dec 17, 1998	781310	Dec 17, 1998	781310	Tricon Metals & Services, Inc.	Tricon Wear Solutions LLC
TRICON SUPER C	ATM-828CA1	Canada	Registered	Dec 17, 1998	899596	Oct 18, 2000	TMA534961	Tricon Metals & Services, Inc.	Tricon Wear Solutions LLC
TRICON SUPER C		Indonesia	Registered	Feb 12, 2009	R002008004701	Feb 13, 2009	IDM000193147	Kennametal Tricon Metals & Services, Inc.	Tricon Wear Solutions LLC
TRICON SUPER C	ATM-828ID1	Mexico	Registered	Jan 4, 1999	358914	Mar 24, 1999	603065	Tricon Metals & Services, Inc.	Tricon Wear Solutions LLC
TRICON SUPER C	ATM-828MX1	Singapore	Registered	Dec 18, 1998	12583198	Dec 18, 1998	T98125831	Tricon Metals & Services, Inc.	Tricon Wear Solutions LLC
TRICON SUPER C	ATM-828SG1	Thailand	Registered	Dec 28, 1998	377455	May 1, 2000	Kor112455	Tricon Metals & Services, Inc.	Tricon Wear Solutions LLC
TRICON SUPER C	ATM-828TH1	United States of America	Registered	Nov 23, 1987	73696929	Oct 4, 1988	1506789	Tricon Metals & Services, Inc.	Tricon Wear Solutions LLC
TRICON SUPER X	ATM-829US1	United States of America	Registered	Oct 14, 1986	73625086	Aug 11, 1987	1451766	Tricon Metals & Services, Inc.	Tricon Wear Solutions LLC
TRI-BRAZE	ATM-831AU1	Australia	Registered	Dec 17, 1998	781309	Dec 17, 1998	781309	Tricon Metals & Services, Inc.	Tricon Wear Solutions LLC
TRI-BRAZE	ATM-831CA1	Canada	Registered	Dec 17, 1998	899595	Oct 18, 2000	TMA534960	Tricon Metals & Services, Inc.	Tricon Wear Solutions LLC
TRI-BRAZE		Indonesia	Registered	Feb 12, 2009	R002008004699	Feb 13, 2009	IDM000193145	Kennametal Tricon Metals & Services, Inc.	Tricon Wear Solutions LLC
TRI-BRAZE	ATM-831ID1	Mexico	Registered	Jan 4, 1999	358913	Feb 25, 1999	602111	Tricon Metals & Services, Inc.	Tricon Wear Solutions LLC
TRI-BRAZE	ATM-831MX1	United States of America	Registered	Dec 20, 1972	72444282	Feb 5, 1974	0978006	Tricon Metals & Services, Inc.	Tricon Wear Solutions LLC
TRI-BRAZE	ATM-831US1	Australia	Registered	Dec 17, 1998	781307	Dec 17, 1998	781307	Tricon Metals & Services, Inc.	Tricon Wear Solutions LLC
TRICON	ATM-832AU1	Canada	Registered	Dec 17, 1998	899593	Oct 18, 2000	TMA534985	Tricon Metals & Services, Inc.	Tricon Wear Solutions LLC
TRICON	ATM-832CA1	Indonesia	Registered	Feb 12, 2009	R002008004702	Feb 13, 2009	IDM000193148	Kennametal Tricon Metals & Services, Inc.	Tricon Wear Solutions LLC
TRICON	ATM-832ID1	Mexico	Registered	Jan 4, 1999	358912	Mar 24, 1999	603064	Tricon Metals & Services, Inc.	Tricon Wear Solutions LLC
TRICON	ATM-832MX1	Singapore	Registered	Dec 18, 1998	T98125821	Dec 18, 1998	T98125821	Tricon Metals & Services, Inc.	Tricon Wear Solutions LLC
TRICON	ATM-832SG1	Thailand	Registered	Dec 28, 1998	377452	Mar 3, 2000	Kor109490	Tricon Metals & Services, Inc.	Tricon Wear Solutions LLC
TRICON	ATM-832TH1	United States of America	Registered	Dec 20, 1972	72444277	Feb 5, 1974	0978002	Tricon Metals & Services, Inc.	Tricon Wear Solutions LLC
TRILOY	ATM-835US1	Australia	Registered	Dec 17, 1998	781308	Dec 17, 1998	781308	Tricon Metals & Services, Inc.	Tricon Wear Solutions LLC
TRICON & TRIANGULAR DEVICE	ATM-837AU1	Canada	Registered	Dec 17, 1998	899594	Oct 18, 2000	TMA534986	Tricon Metals & Services, Inc.	Tricon Wear Solutions LLC
TRICON & TRIANGULAR DEVICE	ATM-837CA1	Indonesia	Registered	Feb 12, 2009	R002008004700	Feb 13, 2009	IDM000193146	Kennametal Tricon Metals & Services, Inc.	Tricon Wear Solutions LLC
TRICON & TRIANGULAR DEVICE	ATM-837ID1	Mexico	Registered	Jan 4, 1999	358911	Mar 30, 1999	604982	Tricon Metals & Services, Inc.	Tricon Wear Solutions LLC
TRICON & TRIANGULAR DEVICE	ATM-837MX1	Singapore	Registered	Jan 12, 1999	24699	Jan 12, 1999	T99002460	Tricon Metals & Services, Inc.	Tricon Wear Solutions LLC
TRICON & TRIANGULAR DEVICE	ATM-837TH1	Thailand	Registered	Dec 28, 1998	377453	Mar 3, 2000	Kor109489	Tricon Metals & Services, Inc.	Tricon Wear Solutions LLC

TRICON & TRIANGULAR DEVICE	ATM-837US1	United States of America	Registered	Dec 20, 1972	72444280	Feb 5, 1974	0978005	Tricon Metals & Services, Inc.	Tricon Wear Solutions LLC
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Case reference	Trademark	Country	Filing Number	Registration Number	Name	Class	Description in English	Assignee
KT-04210-ALU-NF	DELORO	Australia	276935	276935	Kernmetal Inc.	06	Unwrought and partly wrought common metals and their alloys and articles included in Class 6 made therefrom, wire (iron-electric), welding rods.	Madison Industries Holding B.V.
KT-04210-ALU-NF[2]	DELORO	Australia	E655403	E655403	Kernmetal Inc.	09	Electrodes for electric arc welding	Madison Industries Holding B.V.
KT-04210-BX-NF	DELORO	Belarus	527536	33166	Kernmetal Inc.	06	Metal alloys, not included in other classes, welding rods of ordinary metal.	Madison Industries Holding B.V.
KT-04210-BX-NF	DELORO	Belarus	527536	33166	Kernmetal Inc.	06	Knives, not included in other classes.	Madison Industries Holding B.V.
KT-04210-BX-NF	DELORO	Belarus	527536	33166	Kernmetal Inc.	09	Electrodes for electric welding.	Madison Industries Holding B.V.
KT-04210-CA-NF	DELORO	Canada	134298	134298	Deloro Stainless Holdings Corporation		Cutting tools and dies and machine parts made from or partially coated with an alloy for resistance to wear, corrosion and high temperature, namely: (a) for use in agriculture: ploughshares, plough discs, ditcher teeth, corn knives, mower discs, crushers	Madison Industries Holding B.V.
KT-04210-DE-NF	DELORO	Germany	W674433	W674433	Kernmetal Inc.	06	Alloy composed of base metals and cast parts thereof, in particular valves, valve seat rings, rocker arms, pump, pump ribs, knives, plowshares, forgings, bolts, bars, shafts, rods, rolls, shafts, welding rods, wire, tools for metalworking, drill bits,	Madison Industries Holding B.V.
KT-04210-DE-NF	DELORO	Germany	W674433	W674433	Kernmetal Inc.	07		Madison Industries Holding B.V.
KT-04210-DE-NF	DELORO	Germany	W674433	W674433	Kernmetal Inc.	06		Madison Industries Holding B.V.
KT-04210-DE-NF	DELORO	Germany	W674433	W674433	Kernmetal Inc.	09		Madison Industries Holding B.V.
KT-04210-GB-NF	DELORO	United Kingdom	402074	402074	Kernmetal Inc.	06	Coat unwrought and partly wrought for use in manufacture	Madison Industries Holding B.V.
KT-04210-HU-NF	DELORO	Hungary	2253 961/77	119825	Kernmetal Inc.	06	Unwrought and semi-processed metals and alloys thereof, and castings made of such metals and the alloys thereof, wires for not electric purposes, welding rods.	Madison Industries Holding B.V.
KT-04210-HU-NF	DELORO	Hungary	2253 961/77	119825	Kernmetal Inc.	09	Electrodes for electric arc welding	Madison Industries Holding B.V.
KT-04210-US-NF	DELORO	United States Of America	731 199 653	1,154,508	Kernmetal Inc.	06	((STAINLESS STEEL CASTINGS AND)) NICKEL ALLOY CASTINGS, HARD SURFACING RODS AND WIRE, WELDING WIRES AND POWDERS FOR DEPOSITING HARD SURFACING METALS.	Madison Industries Holding B.V.
KT-04210-CN-NF[2]	DELORO	China	356725	356725	Deloro Stainless Holdings Corporation			Madison Industries Holding B.V.
KT-04210-KR-NF	DELORO	South Korea / Republic of Korea	585322	585322	Deloro Stainless Holdings Corporation			Madison Industries Holding B.V.
KT-04210-FR-NF	DELORO	France	967106	1528221	Kernmetal Inc.			Madison Industries Holding B.V.
KT-04210-SK-NF	DELORO	Slovakia	48933	163411	Kernmetal Inc.			Madison Industries Holding B.V.
KT-04210-BG-NF	DELORO	Bulgaria	12260	3709895	Deloro Stainless Holdings Corporation			Madison Industries Holding B.V.
KT-04210-RO-NF	DELORO	Romania	3709895	3709895	Deloro Stainless Holdings Corporation			Madison Industries Holding B.V.
KT-04210-KR-NF[2]	DELORO	South Korea / Republic of Korea	57850	57850	Deloro Stainless Holdings Corporation			Madison Industries Holding B.V.
KT-04210-KR-NF[3]	DELORO	South Korea / Republic of Korea	58945	58945	Deloro Stainless Holdings Corporation			Madison Industries Holding B.V.
KT-04210-BR-NF	DELORO	Brazil	007036615	007036615	Deloro Stainless Holdings Corporation			Madison Industries Holding B.V.
KT-04210-DZ-NF	DELORO	Algeria	957	55120	Deloro Stainless Holdings Corporation			Madison Industries Holding B.V.
KT-04210-CN-NF	DELORO	China	355937	355937	Deloro Stainless Holdings Corporation			Madison Industries Holding B.V.
KT-04210-CZ-NF	DELORO	Czech Republic	49833	163411	Kernmetal Inc.			Madison Industries Holding B.V.

SCHEDULE 4

DOMAIN NAMES

Domain Name	Registrant	Assignee
extrudehone.com	Kennametal Inc.	Extrude Hone LLC
abrasiveflowmachining.com	Kennametal Inc.	Extrude Hone LLC
extrudehone.co.uk	Extrude Hone Limited	Extrude Hone Limited
cation.org		Extrude Hone LLC
deburring.org		Extrude Hone LLC
dyneticsllc.com		Extrude Hone LLC
dyneticsllc.net		Extrude Hone LLC
dyneticsllc.org		Extrude Hone LLC
extrudehone.com	Kennametal Inc.	Extrude Hone LLC
gethoned.com		Extrude Hone LLC
surftran.com		Extrude Hone LLC
surftran.info		Extrude Hone LLC
surftran.net		Extrude Hone LLC
surftran.org		Extrude Hone LLC
thehonepage.com	Kennametal Inc.	Extrude Hone LLC
thermoburr.com	Kennametal Inc.	Extrude Hone LLC
thermoburr.net		Extrude Hone LLC
thermoburr.org		Extrude Hone LLC
landisthreading.ch	Kennametal	Landis Solutions LLC
landisthreading.com	Kennametal Inc.	Landis Solutions LLC
landisthreadingsystems.com	Kennametal Inc.	Landis Solutions LLC
triconmetals.com		Tricon Wear Solutions LLC
deloro.de		Madison Industries Holding B.V.
hettiger-stellite.de		Kennametal Stellite GmbH

SCHEDULE 5

ALLOCATION OF TARGET IP AND OTHER INTELLECTUAL PROPERTY RIGHTS

Subject to the non-exclusive limitation set forth in item 2 below, all Intellectual Property that is used or held for use in the Target Businesses at the Closing and not identified on Schedules 2, 3 or 4 of this Assignment:

1.

All Intellectual Property Used or Held for Use in	Assignees
Bellusco Business	Kennametal Stellite Coatings S.r.l.
Biel Business	Deloro HTM GmbH
Extrude Hone Business	Extrude Hone LLC Kennametal Extrude Hone GmbH
Koblenz Business	Kennametal Stellite GmbH
Milan Business	Kennametal Stellite S.p.A.
Landis Business	Landis Solutions LLC
Tricon Business	Tricon Wear Solutions LLC

2. Any rights to on a non-exclusive basis:

Target IP	Assignees
Carstell	Kennametal Stellite GmbH Kennametal Stellite Coatings S.r.l.
Delcrome	Kennametal Stellite GmbH Kennametal Stellite Coatings S.r.l.
Denertia	Kennametal Stellite GmbH Kennametal Stellite Coatings S.r.l.
Durastell	Kennametal Stellite GmbH Kennametal Stellite Coatings S.r.l.
Nistelle	Kennametal Stellite GmbH Kennametal Stellite Coatings S.r.l.
Stelcar	Kennametal Stellite GmbH Kennametal Stellite Coatings S.r.l.
T-400	Kennametal Stellite GmbH Kennametal Stellite Coatings S.r.l.
T-800	Kennametal Stellite GmbH Kennametal Stellite Coatings S.r.l.
Triballoy	Kennametal Stellite GmbH Kennametal Stellite Coatings S.r.l.
Tristelle	Kennametal Stellite GmbH Kennametal Stellite Coatings S.r.l.

3. Any rights to on an exclusive basis:

Target IP	Assignees
Hettiger	Kennametal Stellite GmbH