

06-08-2005

Form PTO-1594 (Rev. 06/04)
OMB Collection 0651-0027 (exp. 6/30/2005)

DEPARTMENT OF COMMERCE
Patent and Trademark Office



RECORD
TRA

103016908

To the Director of the U. S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

6-3-05

1. Name of conveying party(ies)/Execution Date(s):

Hardinge Inc. (f/k/a Hardinge Brothers, Inc.)

- Individual(s)
- General Partnership
- Corporation-State
- Other
- Association
- Limited Partnership

Citizenship (see guidelines) New York

Execution Date(s) January 28, 2005

Additional names of conveying parties attached? Yes No

3. Nature of conveyance:

- Assignment
- Security Agreement
- Other
- Merger
- Change of Name

2. Name and address of receiving party(ies)

Additional names, addresses, or citizenship attached? Yes No

Name: Manufacturers and Traders Internal Trust Company

Address:

Street Address: One M&T Plaza

City: Buffalo

State: New York

Country: USA Zip: 14240

- Association
- General Partnership
- Limited Partnership
- Corporation
- Other

Citizenship New York
If assignee is not domiciled in the United States, a domestic representative designation is attached: Yes No
(Designations must be a separate document from assignment)

4. Application number(s) or registration number(s) and identification or description of the Trademark.

A. Trademark Application No.(s)

B. Trademark Registration No.(s)

2862838

Additional sheet(s) attached? Yes No

C. Identification or Description of Trademark(s) (and Filing Date if Application or Registration Number is unknown):

Talent

5. Name & address of party to whom correspondence concerning document should be mailed:

Name: Amber M. Barney, Esq.

Internal Address: Woods Oviatt Gilman LLP

Street Address: 700 Crossroads Bldg.
2 State Street

City: Rochester

State: New York Zip: 14614

Phone Number: 585.987.2886

Fax Number: 585.987.2896

Email Address: abarney@woodsoviatt.com

6. Total number of applications and registrations involved:

69

7. Total fee (37 CFR 2.6(b)(6) & 3.41) \$ 1,740.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed

8. Payment Information:

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number _____

Authorized User Name _____

9. Signature:

Amber M. Barney, Esq.

Signature

2/23/05

Date

Total number of pages including cover sheet, attachments, and document: 80

06/07/2005 ECOOPER 00000173 2862838 Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mail Stop 999 Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

01 FC:8521
02 FC:8522

40.00 DP
1700.00 DP

Continuation of Trademarks for Hardinge Inc.
f/k/a Hardinge Brothers Inc.

ACTIVE:

Box 4C

Box 4B

TRADEMARK	SERIAL NUMBER	REGISTRATION NUMBER
Hydroglide	76-544415	2881113
Elite	76-386432	2774036
Leader by Design	76-345949	2668689
Kel-Vista	76-167588	2492633
Design only – Step Up Squares	76-165657	2587727
Kel-Varia	75-376187	2207179
Kel-Vision	75-368632	2207121
Cobra	75-086875	2209431
Super-precision	75-079009	2289167
Quest	75-731597	2451904
Design only – Sure Grip	75-634382	2562161
Twinturn	75-501398	2356062
Kellenberger	75-368631	2231733
Sure-grip	75-075356	2263899
Conquest	75-028199	2015567
Sure-grip	74-490861	1921498
Autoload	74-289208	1848983
HQC	74-261255	1782411
Super-precision	73-024104	1062090
HLV	73-379222	1250969
Harcrete	73-831955	1616425
Conquest	73-797279	1569282
Har-matic	73-775760	1553488
Hardinge	73-740907	1534250
CHNC	73-639684	1451786
Hardinge CHNC II	73-575864	1407385
Super-precision		
TFB	73-541047	1418936
Vari-grip	73-123324	1089575
Hardinge	71-647775	0589432
Gyrotor	71-673446	0609528
Hardinge	71-541930	0514077

NOT ACTIVE:**Box 4C****Box 4B**

TRADEMARK	SERIAL NUMBER	REGISTRATION NUMBER
LEANTURN	76430235	
TRIUMPH	76339490	
SUPER-PRECISION2	75652345	
ACCEL	75501399	
HARDMILLING	75501397	
TOOL ROOM LATHE DESIGN	74424847	
ULTRA-PRECISION	74420703	
VERSA-FLEX	74269550	
DV FIVE-NINE	73389600	1262848
HSL FIVE-NINE	73401351	1261488
DSM FIVE-NINE	73379432	1259831
SUPERSLANT	73350813	1227337
IMPACT SERVICES IMAGERY- MEDIA-PRODUCTION-AUDIO/VIDEO- COMMUNICATIONS-TRAINING	73685703	1509966
HARDINGE CHNC II+ SUPER- PRECISION	73648865	1460645
HARDINGE CHNC I PRECISION	73648864	1460644
PTM 4000	73518329	1361448
DSM-A	73506283	1338814
THRU-HOLE	73485576	1369807
TUTOR/TURN	73444314	1296085
DO THE HARDINGE SLANT	73379301	1262844
HXL	73377847	1250966
"A TOOLMAKER'S DREAM"	73315539	1212164
CHNC	732552277	1164398
DEAD-LENGTH	73213329	1144756
DOVETAIL BED	73196437	
HLV	73191944	
AHC	73188161	1139400
HNC	73157878	1100041
HF	73148813	1104208
PERFORMANCE HAS ESTABLISHED LEADERSHIP FOR HARDINGE	73138219	1151472
LENSMASTER	72396339	0944609
CATARACT	72360071	0926778
CASCADE	72057954	0679205
ELECTRIC EAR	71400459	0358544
PATROL	71061263	0097768
HARDINGE		00638995
ALERT	71061262	0086587

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TRADEMARK
REEL: 003168 FRAME: 0186

INTELLECTUAL PROPERTY SECURITY AGREEMENT

THIS INTELLECTUAL PROPERTY SECURITY AGREEMENT (this "*Agreement*"), dated as of January 28, 2005, made by **HARDINGE INC.**, a New York corporation (the "*Borrower*"), any other Persons listed on the signature pages hereof and the Additional Grantors (as hereinafter defined) (the Borrower, the Persons listed on the signature pages hereof and the Additional Grantors being collectively referred to herein as the "*Grantors*"), to **MANUFACTURERS AND TRADERS TRUST COMPANY**, as Agent (in such capacity, together with any successor Agent, the "*Agent*") for the Banks (the Agent, the Banks the Issuing Bank, and the Swing Bank being, collectively the "*Secured Parties*").

RECITALS:

A. Pursuant to the Amended and Restated Revolving Credit and Term Loan Agreement of even date herewith (as amended, supplemented, restated supplemented or otherwise modified from time to time "*Loan Agreement*"), the Banks have agreed to make Revolving Loans and Term Loans to the Borrower, have agreed to issue and/or participate in Facility Letters of Credit for the benefit of the Borrower, upon the terms and conditions set forth therein.

B. In connection with the Loan Agreement, the Grantors have executed and delivered an Amended and Restated Security Agreement dated as of January 28, 2005 (as amended, supplemented, restated or otherwise modified from time to time, the "*Security Agreement*") which, among other things, amends and restates certain security agreements previously executed by the Grantors pursuant to which the Agent's predecessor in interest, JPMorgan Chase, N.A., was granted a security interest in the Intellectual Property Collateral and filed (a) with the Patent and Trademark Office a Notice of Interest dated on or about October 24, 2002 with respect to the Patent Collateral and a Notice of Security Interest dated on or about October 24, 2002 with respect to the Trademark Collateral and (c) with the United States Copyright Office a Memorandum of Grant of Security Interest in Copyright dated November 3, 2004.

C. Each of the Grantors will derive substantial direct and indirect benefit from the transactions contemplated by the Loan Documents.

D. Pursuant to the Security Agreement, the Grantors are entering into this Agreement in order to reaffirm, confirm and/or the grant of a security interest in the Intellectual Property Collateral to the Agent for the ratable benefit of the Secured Parties to secure the Obligations.

NOW, THEREFORE, in consideration of the premises and in order to induce the Banks, the Agent and the Issuing Bank to consolidate, amend and restate the Existing Agreements and to continue to make Loans, issue and/or participate in Facility Letters of Credit and to induce the Banks to enter into Hedge Agreements and Bank Product Agreements from

time to time, each Grantor hereby agrees with the Agent for the ratable benefit of the Secured Parties as follows:

Section 1. Definitions. Unless otherwise defined herein or the context otherwise requires, terms used in this Agreement, including its preamble and recitals, have the meanings provided (or incorporated by reference) in the Security Agreement.

Section 2. Grant of Security Interest.

(i) the patents and patent applications set forth in **Schedule A** hereto (the "**Patents**");

(ii) the trademark and service mark registrations and applications set forth in **Schedule B** hereto (provided that no security interest shall be granted in United States intent-to-use trademark applications to the extent that, and solely during the period in which, the grant of a security interest therein would impair the validity or enforceability of such intent-to-use trademark applications under applicable federal law), together with the goodwill symbolized thereby (the "**Trademarks**");

(iii) the copyright registrations and applications and exclusive copyright licenses set forth in **Schedule C** hereto (the "**Copyrights**");

(iv) all reissues, divisions, continuations, continuations-in-part, extensions, renewals and reexaminations of any of the foregoing, all rights in the foregoing provided by international treaties or conventions, all rights corresponding thereto throughout the world and all other rights of any kind whatsoever of such Grantor accruing thereunder or pertaining thereto;

(v) all any and all claims for damages and injunctive relief for past, present and future infringement, dilution, misappropriation, violation, misuse or breach with respect to any of the foregoing, with the right, but not the obligation, to sue for and collect, or otherwise recover, such damages; and

(vi) any and all proceeds of, collateral for, income, royalties and other payments now or hereafter due and payable with respect to, and supporting obligations relating to, any and all of the foregoing or arising from any of the foregoing.

Section 3. Security Agreement. This Agreement has been executed and delivered by the Grantor for the purpose of registering the security interest of the Agent in the Collateral, with (as applicable) the United States Patent and Trademark Office, the United States Copyright Office and corresponding offices in other countries of the world, such registration will be completed by, and at the cost of the Grantor. The security interest granted hereby has been granted as a supplement to, and not in limitation of, the security interest granted to the Agent for its benefit and the benefit of each Secured Party under the Security Agreement. The Security Agreement (and all rights and remedies of the Agent and each Secured Party thereunder) shall remain in full force and effect in accordance with its terms. The Grantor authorizes and requests that the Register of Copyrights, the Commissioner for Patents and the Commissioner for Trademarks and any other applicable government officer to record this IP Security Agreement.

Section 4. Release of Security Interest. Upon the latest of: (i) the payment in full in cash of all Obligations, (ii) the termination of the Commitments of all the Banks, (iii) the termination or expiration of all Facility Letters of Credit and the JPMorgan Letters of Credit, (iv) the termination of the Customer Note Guarantees or the satisfaction of the obligations of Borrower guaranteed thereby given by the Borrower to any Bank and (v) any Hedging Agreement between any Credit Party and any Bank and any Bank Product Agreements between the Borrower and any of its Subsidiaries and any Bank no longer being in effect, the Agent shall, at the Grantor's expense, execute and deliver to the Grantor all instruments and other documents as may be necessary or proper to release the lien on and security interest in the Collateral which has been granted hereunder.

Section 5. Acknowledgment. The Grantor does hereby further acknowledge and affirm that the rights and remedies of the Agent with respect to the security interest in the Collateral granted hereby are more fully set forth in the Security Agreement, the terms and provisions of which (including the remedies provided for therein) are incorporated by reference herein as if fully set forth herein.

Section 6. Loan Document. This Agreement is a Loan Document executed pursuant to the Loan Agreement and shall (unless otherwise expressly indicated herein) be construed, administered and applied in accordance with the terms and provisions of the Loan Agreement.

Section 7. Counterparts. This Agreement may be executed by the parties hereto in several counterparts, each of which shall be deemed to be an original and all of which shall constitute together but one and the same agreement.

Section 8. Governing Law. This IP Security Agreement shall be governed by, and construed in accordance with, the laws of the State of New York.

* * *

IN WITNESS WHEREOF, each Grantor has caused this Agreement to be duly executed and delivered by its officer thereunto duly authorized as of the date first above written.

HARDINGE INC.

By: Richard L. Simons
Name: RICHARD L. SIMONS
Title: EXECUTIVE VICE PRESIDENT
AND CFO

L. KELLENBERGER & CO. AG.

By: **HARDINGE INC.**

By: Richard L. Simons
Name: RICHARD L. SIMONS
Title: EXECUTIVE VICE PRESIDENT
AND CFO

HARDINGE TECHNOLOGY SYSTEMS, INC.

By: Richard L. Simons
Name: RICHARD L. SIMONS
Title: ~~EXECUTIVE VICE~~
PRESIDENT AND
-CFO
TREASURER AND
ASSISTANT SECRETARY

SCHEDULE A
Description of Intellectual Property

Item 1: Patents and Patent Applications
Domestic
Hardinge Inc.

<u>U.S. PATENT</u>	<u>DATE ISSUED</u>	<u>INVENTION</u>
4,506,569	03/26/85	Multiple Axis Slantbed Machine
4,524,655	06/25/85	Indexable machine tool turret and attachments therefor
4,656,708	04/14/87	Live Tooling Turret
4,785,513	11/22/88	Turret having rotating and non-rotating tooling
4,829,861	05/16/89	Headstock Assembly for a Chucker and Bar Machine
4,858,933	08/22/89	Game Article Selection Apparatus
4,858,938	08/22/89	Two Piece Collet w/Interlocking Collet Assembly
4,893,532	01/16/90	Breakaway Tool Element & Method of Mounting
4,907,478	03/13/90	Apparatus and process for assembling a machine tool and machine tool formed thereby
4,981,056	01/01/91	Apparatus and process for assembling a machine tool and machine tool formed thereby
5,087,059	02/11/92	Tool for installing or removing a collet head
5,096,213	03/17/92	Collet Assembly
5,113,558	05/19/92	Bed Cooler & Chip Flusher for a Machine Tool
5,186,086	02/16/93	Finished Parts Catcher for an Automatic Machine
5,190,421	03/02/93	Coolant Supply System for a Machine Tool
5,213,019	05/25/93	Headstock Cooling System for a Machine Tool
5,221,098	06/22/93	Collet Closer
5,282,402	02/01/94	Machine Tool Tailstock
5,303,458	04/19/94	Method & Apparatus for Detecting & Comp. Thermal Growth
5,325,749	07/05/95	Machine Tool Having a Quick Release Draw Tube
5,325,750	07/05/94	Machine Tool Assembly Having Replicated Support Surface
5,330,224	07/19/94	Collet Chuck
5,349,731	09/27/94	Temp. Compensated & Shock Resistant Machine Tool
5,367,754	11/29/94	Gang Tooling for CNC Lathe

SCHEDULE A *PA*
Description of Intellectual Property

Item 1: Patents and Patent Applications
Domestic
Hardinge Inc.
Continued

<u>U.S. PATENT</u>	<u>DATE ISSUED</u>	<u>INVENTION</u>
5,397,135	03/14/95	Expanding Collet Assembly
5,617,769	04/08/97	Thermally Compliant Bar Feeding Machine
5,948,177	09/07/99	Collet Metal Treating Process
6,036,415	03/14/00	Spindle for Gripping & Closing a Mounting Member
6,257,595	07/10/01	Collet Chuck With Quick-Change Cap
6,264,210	07/24/01	Quick-Change Jaw Chuck System
6,640,404	11/04/03	Three piece coupling arrangement for a turret indexing mechanism for a machine tool assembly on an air bearing assembly for the same
6,640,679	11/04/03	Collet adapter chuck assembly with axially fixed collet head
6,726,221	04/27/04	Dead length collet chuck assembly
6,785,943	09/07/04	Indexing tool turret
D278,245	04/02/85	Collet holder
D278,344	04/09/85	Collet holder
D294,587	03/08/88	Tool holder for a drill bit or the like
D294,588	03/08/88	Tool holder for drill bit or the like
D275,860	10/09/84	Combined Character and Bar Machine
D296,559	07/05/88	Draw tube adapter
Des. 303,805	10/03/89	Combined Chuck and Bar Machine
Des. 306,865	03/27/90	Combined Chuck & Car Machine
Des. 311,407	10/16/90	Machine Tool Bed
Des. 338,476	08/17/93	Chuck and Bar Machine

SCHEDULE A
Description of Intellectual Property

Item 1: Patents and Patent Applications
Domestic
Hardinge Inc.
Continued

PATENT APPLICATIONS:

<u>APPLICATION #</u>	<u>APPLICATION DATE</u>
9/389051	09/02/99
9/939795	08/28/01
60/406933	08/30/02
10/231382	08/30/02
10/156694	05/29/02
10/202671	07/25/02
10/228256	08/27/02
20040042689	03/04/04

Patents Assigned to Hardinge from AESOP/Slocum

<u>U.S. PATENT</u>	<u>DATE ISSUED</u>	<u>INVENTION</u>
5,104,237	04/14/92	Self Compensating Hydrostatic Linear Motion Bearing and Method
5,104,327	04/04/02	Wire Form Socket Connector
5,281,032	01/25/94	Self Compensating Hydrostatic Bearings for Supporting Shafts and Spindles and The Like for Rotary and Translational Motion and Methods Therefor
5,466,071	11/14/95	High Speed Hydrostatic Spindle Design
5,533,814	07/09/96	Low Profile Self Compensated Hydrostatic Thrust Bearing
5,674,032	10/07/97	Tooling System and Method with Integral Hydrostatic Bearings and Turbine Power Source
5,700,092	12/23/97	Integrated Shaft Self-Compensating Hydrostatic Bearing

Bridgeport assignment per Nov 3, 2004 agreement

<u>U.S. PATENT</u>	<u>DATE ISSUED</u>	<u>INVENTION</u>
5,672,145	09/30/97	Tool Carousel

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SCHEDULE A

Description of Intellectual Property

Item 1: Patents and Patent Applications

Domestic
Hardinge Inc.

EXPIRED PATENTS:

4,423,993	1/3/84	Retractable Bar Stock Feeder
4,463,634	8/7/84	Parts Catcher for an Automatic Machine
Des. 275,860	10/9/84	Combined Chucker and Bar Machine
4,477,095	10/16/84	Collet Adapter
Des. 278,245	4/2/85	Collet Holder
Des. 278,344	4/9/85	Collet Holder
4,524,655	6/25/85	Indexable Machine Tool Turret & Attachments Therefor
4,907,478	3/13/90	Apparatus & Process for Assembling a Machine Tool and Formed
4,981,056	1/1/91	Apparatus & Process for Assembling a Machine Tool and Formed
5,087,059	2/11/92	Tool for Installing or Removing a Collet Head
4,478,117	10/23/84	Slant Bed for Chucker Machine
D271,977	12/27/83	Master Collet for Machine Tools
4,413,939	11/8/83	Bar Stock Feeder
4,387,905	6/14/83	Machine Tool Chuck
4,329,785	5/18/82	Presetter Gauge
4,312,105	1/26/82	Programmable Turret-type Machine Tool
4,309,041	1/5/82	Machine Tool Collet
4,262,563	4/21/81	Turret Indexing Assembly for Machine Tools
4,255,056	3/10/81	Pre-setter for positioning tooling on turrets
4,249,748	2/10/81	One-piece collet and process for making same
4,245,846	1/20/81	One-piece collet
4,226,322	10/7/80	Machine tool guard door assembly
4,210,040	4/1/80	Apparatus for turning machines and the like for simultaneous axial and radial profiling of work
D255,693	7/1/80	Font of characters
4,195,538	4/1/80	Machine tool feed screw assembly
4,143,564	3/13/79	Apparatus for simultaneously forming selected circumferential and axial profiles on a workpiece
4,129,220	12/12/78	Bar stock feed apparatus
4,080,854	3/28/78	Adjustable tool holder
RE29,533	2/7/78	Self-centering jaw chuck
4,044,650	8/30/77	Milling attachment for a lathe
D245,007	4/12/77	Automatic chucking machine
D243,664	3/15/77	Index ring for a machine tool
3,961,800	6/8/76	Stub collet
3,952,693	4/27/76	Machine tool dial assembly

TRADEMARK

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SCHEDULE ~~A~~ ^B

Description of Intellectual Property

Item 1: Patents and Patent Applications
Domestic
L. Kellenberger & Co., AG

<u>U.S. PATENT</u>	<u>DATE ISSUED</u>	<u>INVENTION</u>
5,335,454	<u>08/09/94</u>	Procedure for the Numerical Control of a Workpiece on a Grinding m/c
0,589,826		
0,542,674		

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SCHEDULE A

Description of Intellectual Property

**Item 1: Patents and Patent Applications
Domestic
Hardinge Technology Systems, Inc..**

NONE

(558937:)

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6/27/01
LS
TRADEMARK

REEL: 003168 FRAME: 0196

SCHEDULE A to H
Description of Intellectual Property

Item 1: Patents and Patent Applications
International
Hardinge Inc.

(via Asset Purchase Agreement with Bridgeport dated November, 2004)

Country	Patent Pub. No.	Patent App. No.	Title	Filing Date	Grant Date	Status	Next Renewal Date
GB	GB2329139	GB9719544.0	Tool Carousel	09/12/97	09/10/02	In force	09/12/05
GB	GB2294219	GB9420926.9	Tool Carousel	10/17/94	01/27/98	In force	10/17/05
GB	GB2375316	GB0216867.2	Tool Carousel	09/12/97	12/31/02	In force	09/12/05
GB	GB2375061	GB0216869.8	Drive Mechanism for a Tool Carousel Wheel	09/12/97	12/31/02	In force	09/12/05
GB	GB2375060	GB0216868.0	Lifting and Lowering Mechanism for use with a Tool Carousel Wheel	09/12/97	12/31/02	In force	09/12/05

{558935:}

1. 1109643 (Note: This is a Patent Application only.), June 27, 2001, Issue No.: 200126 , SPINDLE FOR GRIPPING AND CLOSING A MOUNTING MEMBER, SPINDEL ZUR BET[Auml]TIGUNG EINES SPANNELEMENTS, BROCHE PERMETTANT DE SAISIR ET DE FERMER UN ELEMENT DE MONTAGE, SHEEHAN, Brian, C. - One Hardinge Drive, Elmira, NY 14902, United States (US); SHEEHAN, Terry, M. - One Hardinge Drive, Elmira, NY 14902, United States (US); SOROKA, Dan, P. - One Hardinge Drive, Elmira, NY 14902, United States (US), 99944067 , Hardinge, Inc., 02975430, One Hardinge Drive, Elmira, NY 14902, United States (US)
2. 1075894 (Note: This is a Patent Application only.), February 14, 2001, Issue No.: 200107 , Driving connection arrangement and sealing arrangement for a live tool and method for sealing the same, Antriebsverbindung und Dichtungsanordnung fur ein angetriebenes Werkzeug und Verfahren zum abdichten desselben, Liaison d'entrainement et dispositif d'etancheite pour un outil entraine et methode pour etancher celui-ci, Sheehan, Terrance - 801 Grove Street, Elmira, NY 14901, United States (US); Merzejewski, Jacek - 815 W. Broad Street Apt. K 3, Horseheads, NY 14845, United States (US); Sheehan, Brian C. - 974 Lincoln St., Elmira, NY 14901, United States (US); Comstock, Gary L. - Box 200, RD # 2, Gillette, Pennsylvania 12695, United States (US), 00306683 , Hardinge, Inc., 02975431, 1 Hardinge Drive, Elmira, New York 14902-1507, United States (US)
3. 04078390 (Note: This is a Patent Application only.), September 16, 2004, Issue No.: 200438 , MACHINE TOOL, MACHINE OUTIL, SOROKA, Daniel, P. - 117 Monore Drive, Horseheads, NY 14845, United States (US); SHEEHAN, Terrance - 801 Grove Street, Elmira, NY 14901, United States (US); WASSON, Kevin - 196 Lewis Road, Pine City, NY 14871, United States (US); ERVIN, J., Patrick - 90 Moringside Drive, Elmira, NY 14905, United States (US), PCT/US04/006370 , HARDINGE INC., One Hardinge Drive, Elmira, NY 14902-1507, United States (US)
4. 04020852 (Note: This is a Patent Application only.), March 11, 2004, Issue No.: 200411 , HYDROSTATIC BEARING FOR LINEAR MOTION GUIDANCE, PALIER HYDROSTATIQUE SERVANT AU GUIDAGE D'UN MOUVEMENT LINEAIRE, WASSON, Kevin, Lee - 196 Lewis Road, Pine City, NY 14871, United States (US); SHEEHAN, Terrance - 801 Grove Street, Elmira, NY 14901, United States (US); SOROKA, Daniel - 117 Monroe Dr., Horseheads, NY 14945, United States (US), PCT/US03/026816 , HARDINGE, INC., One Hardinge Drive, Elmira, NY 14902-1507, United States (US)

5. 04020131 (Note: This is a Patent Application only.), March 11, 2004, Issue No.: 200411 , EXPANDING COLLET ASSEMBLY FOR PICK-OFF SPINDLE, ENSEMBLE PINCE EXPANSIBLE POUR BROCHE AMOVIBLE, SMITH, Roger, R. - 969 Breesport Road, Erin, New York 14838, United States (US); ROBERTS, Matthew, C., Jr. - 6653 Quinn Road, Bath, NY 14810, United States (US), PCT/US02/041052 , HARDINGE INC., One Hardinge Drive, Elmira, New York 14902, United States (US)

6. 0013843 (Note: This is a Patent Application only.), March 16, 2000 , REDUCED VIBRATION LATHE, TOUR A VIBRATION REDUITE, MIERZEJEWSKI, Jacek - Appartment K3, 815W Broad Street, Horseheads, NY 14845, United States (US); BRACKELY, Douglas, E. - 223 Chambers Road, Horseheads, NY 14845, United States (US); COMSTOCK, Gary - RD#2 Box 200, Gillette, PA 12695, United States (US), PCT/US99/18837 , SHEEHAN, Terrence, 801 Grove Street, Elmira, NY 14901, United States (US)

7. 0013827 (Note: This is a Patent Application only.), March 16, 2000 , SPINDLE FOR GRIPPING AND CLOSING A MOUNTING MEMBER, BROCHE PERMETTANT DE SAISIR ET DE FERMER UN ELEMENT DE MONTAGE, SHEEHAN, Brian, C. - One Hardinge Drive, Elmira, NY 14902, United States (US); SHEEHAN, Terry, M. - One Hardinge Drive, Elmira, NY 14902, United States (US); SOROKA, Dan, P. - One Hardinge Drive, Elmira, NY 14902, United States (US), PCT/US99/20223 , HARDINGE, INC., One Hardinge Drive, Elmira, NY 14902, United States (US)

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12/1/01
TRADEMARK

REEL: 003168 FRAME: 0199

SCHEDULE A

Description of Intellectual Property

**Item 1: Patents and Patent Applications
International
Hardinge Technology Systems, Inc.**

NONE

(558938:)

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SCHEDULE A *AK*

Description of Intellectual Property

Item 1: Patents and Patent Applications
International
L. Kellenberger & Co., AG

(558933:)

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TRADEMARK
REEL: 003168 FRAME: 0201

- 1. 589826, March 30, 1994, Issue No.: 199413 , Grinding machine, Schleifmaschine, Machine de meulage, Ilek, Anton - Spitzestrasse 19, CH-9034 Eggersriet, Switzerland (CH); Thurnherr, Hugo - Federerstrasse 28, CH-9008 St. Gallen, Switzerland (CH); Eugster, Emil - Landhaus, CH-9050 Appenzell, Switzerland (CH); Gschwend, Bernard - Zilstrasse 20, CH-9016 St. Gallen, Switzerland (CH), 93810416 , L. KELLENBERGER & CO. AG, 01559170, Heiligkreuzstrasse 28, CH-9009 St. Gallen, Switzerland (CH)

- 2. 542674, May 19, 1993, Issue No.: 199320 , Method for numerical controlled machining of a workpiece on a grinding machine, Verfahren zur numerisch steuerbaren Bearbeitung eines Werkstuckes an einer Schleifmaschine, Procédé d'usinage a commande numerique d'une piece sur une rectifieuse, Ilek, Anton - Spitzestrasse 19, CH-9034 Eggersriet, Switzerland (CH); Thurnherr, Hugo - Federerstrasse 28, CH-9008 St. Gallen, Switzerland (CH); Eugster, Emil - Landhaus, CH-9050 Appenzell, Switzerland (CH), 92810792 , L. KELLENBERGER & CO. AG, 01559170, Heiligkreuzstrasse 28, CH-9009 St. Gallen, Switzerland (CH)

- 3. 0487729, June 24, 1938 , Improvements in or relating to infinitely variable wedge belt drives, 02037 , LEONHARD KELLENBERGER

- 4. 0462707, March 15, 1937 , A grinding spindle drive for universal grinding machines, 21036 , LEONHARD KELLENBERGER

- 5. 0461052, February 9, 1937 , A measuring device for stationary and portable machines for boring engine and the like cylinders, 8636 , LEONHARD KELLENBERGER

- 6. 0384937, December 15, 1932 , An improved combined honing and boring machine, 89332 , LEONHARD KELLENBERGER

- 7. 0339232, December 4, 1930 , Metal milling machine, 00630 , LEONHARD KELLENBERGER

SCHEDULE A

DESCRIPTION OF INTELLECTUAL PROPERTY

ITEM 2: PATENT LICENSES

1. Applied Grinding Technologies, Inc. pursuant to License Agreement dated October 25, 1996; License for U.S. Patents bearing nos.: 5,104,237 and 5,281,032 and corresponding foreign patent rights and U.S. Patent applications 209,384 and 237,853.

2. Williams International Co., L.L.C. pursuant to a License Agreement dated April 15, 1997; License for U.S. Patents bearing nos.: 5,104,237 and 5,281,032 and corresponding foreign patent rights and U.S. patent applications 209,384 and 237,853.

3. The Torrington Company pursuant to a License Agreement dated January 1, 2000; License for U.S. Patents bearing nos.: 5,104,237, 5,281,032, 5,533,814, 5,466,071, 5,700,092 and corresponding foreign patent rights.

SCHEDULE ~~A~~ B
Description of Intellectual Property

Item 1!
~~Item 3:~~ Trademarks
Domestic
Hardinge Inc.

ACTIVE:

TRADEMARK	SERIAL NUMBER	REGISTRATION NUMBER	OPEN SECURITY INTERESTS
Talent	78-275124	2862838	None
Hydroglide	76-544415	2881113	None
Elite	76-386432	2774036	Chase, 4-02 and 10-02
Leader by Design	76-345949	2668689	Chase, 4-02 and 10-02
Kel-Vista	76-167588	2492633	Chase, 4-02 and 10-02
Design only - Step Up Squares	76-165657	2587727	Chase, 4-02 and 10-02
Kel-Varia	75-376187	2207179	Chase, 4-02 and 10-02
Kel-Vision	75-368632	2207121	Chase, 4-02 and 10-02
Cobra	75-086875	2209431	Chase, 4-02 and 10-02
Super-precision	75-079009	2289167	Chase, 4-02 and 10-02
Quest	75-731597	2451904	Chase, 4-02 and 10-02
Design only - Sure Grip	75-634382	2562161	Chase, 4-02 and 10-02
Twinturn	75-501398	2356062	Chase, 4-02 and 10-02
Kellenberger	75-368631	2231733	Chase, 4-02 and 10-02
Sure-grip	75-075356	2263899	Chase, 4-02 and 10-02
Conquest	75-028199	2015567	Chase, 4-02 and 10-02
Sure-grip	74-490861	1921498	Chase, 4-02 and 10-02
Autoload	74-289208	1848983	Chase, 4-02 and 10-02
HQC	74-261255	1782411	Chase, 4-02 and 10-02
Super-precision	73-024104	1062090	Chase, 4-02 and 10-02
HLV	73-379222	1250969	Chase, 4-02 and 10-02
Harcrete	73-831955	1616425	Chase, 4-02 and 10-02
Conquest	73-797279	1569282	Chase, 4-02 and 10-02
Har-matic	73-775760	1553488	Chase, 4-02 and 10-02
Hardinge	73-740907	1534250	Chase, 4-02 and 10-02
CHNC	73-639684	1451786	Chase, 4-02 and 10-02
Hardinge CHNC II	73-575864	1407385	Chase, 4-02 and 10-02
Super-precision			
TFB	73-541047	1418936	Chase, 4-02 and 10-02
Vari-grip	73-123324	1089575	Chase, 4-02 and 10-02
Hardinge	71-647775	0589432	Assignment of Mark and Goodwill effective

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			1-4-65 to Koppers Company, Inc., ultimately Metso Minerals Industries, Inc. (via mergers)
Gyrotor	71-673446	0609528	Assignment of Mark and Goodwill effective 1-4-65 to Koppers Company, Inc., ultimately Metso Minerals Industries, Inc. (via mergers)
Hardinge	71-541930	0514077	Chase, 4-02 and 10-02

Registered (Active) Trademarks purchased from BPT IP, LLC pursuant to the November 2004 Agreement

<i>Trademark</i>	<i>Serial No.</i>	<i>Registration No.</i>	<i>Open Security Interest</i>
1. Bridgeport	72035978	0672452	None
2. Quill Master	72065352	0681116	None
3. Ez-Cam	73498822	1338961	None
4. Interact	73507337	1361441	None
5. Air-Flo	73595012	1424600	None
6. Ez-Turn	73828018	1594029	None
7. Ez-Mill	73828018	1595123	None
8. Bridgeport	74268075	1742918	None
9. Ez Path-II	74637350	2034307	None
10. Powerpath	75069633	2086548	None
11. Torq-Cut TC	75686185	2374841	None

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TRADEMARK

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NOT ACTIVE:

TRADEMARK	SERIAL NUMBER	REGISTRATION NUMBER
LEANTURN	76430235	
TRIUMPH	76339490	
SUPER-PRECISION2	75652345	
ACCEL	75501399	
HARDMILLING	75501397	
	74424847	
ULTRA-PRECISION	74420703	
VERSA-FLEX	74269550	
DV FIVE-NINE	73389600	1262848
HSL FIVE-NINE	73401351	1261488
DSM FIVE-NINE	73379432	1259831
SUPERSLANT	73350813	1227337
IMPACT SERVICES IMAGERY- MEDIA-PRODUCTION-AUDIO/VIDEO- COMMUNICATIONS-TRAINING	73685703	1509966
HARDINGE CHNC II+ SUPER- PRECISION	73648865	1460645
HARDINGE CHNC I PRECISION	73648864	1460644
PTM 4000	73518329	1361448
DSM-A	73506283	1338814
THRU-HOLE	73485576	1369807
TUTOR/TURN	73444314	1296085
DO THE HARDINGE SLANT	73379301	1262844
HXL	73377847	1250966
"A TOOLMAKER'S DREAM"	73315539	1212164
CHNC	732552277	1164398
DEAD-LENGTH	73213329	1144756
DOVETAIL BED	73196437	
HLV	73191944	
AHC	73188161	1139400
HNC	73157878	1100041
HF	73148813	1104208
PERFORMANCE HAS ESTABLISHED LEADERSHIP FOR HARDINGE	73138219	1151472
LENSMASTER	72396339	0944609
CATARACT	72360071	0926778
CASCADE	72057954	0679205
ELECTRIC EAR	71400459	0358544
PATROL	71061263	0097768
HARDINGE		00638995
ALERT	71061262	0086587

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SCHEDULE A
Description of Intellectual Property

Item 3: Trademarks
Purchased Trademarks
Hardinge Inc.

Purchased Trademarks:

1. DISCOVERY TORQ-CUT 22



- 2.
3. EXPLORER
4. EZPATH
5. EZTRAK

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SCHEDULE A
Description of Intellectual Property

Item 3: Trademarks
Domestic
L. Kellenberger & Co., AG

NONE

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SCHEDULE A

Description of Intellectual Property

Item 3: Trademarks

Domestic

Hardinge Technology Systems, Inc.

NONE

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SCHEDULE A
Description of Intellectual Property

Item 3: Trademarks
International
Hardinge Inc.

Purchased Registered Trademarks:

Country	File No.	Trademark	App.No.	Filing Date	Reg. No.	Reg. Date
Australia	TM153-001	BRIDGEPORT	331,297	04/10/1979	5,331,297	09/19/1963
Canada	TM153-002	BRIDGEPORT	405,159	01/21/1977	243,145	04/15/1950
China	TM163A-010	BRIDGEPORT	950438940	11/05/1995	999,187	05/06/1997
China	TM163B-018	BRIDGEPORT	950138941	11/05/1995	1,005,858	05/13/1997
European Community	TM153-003	BRIDGEPORT	165836	04/01/1995	166835	10/23/1998
European Community	TM248-003	EZ-CAM	165934	04/01/1998	166934	09/11/1995
European Community	TM497-003	EZFEATURE MILL	167007	04/01/1995	167007	07/10/1998
European Community	TM498-003	EZPATH	156554	04/01/1998	165884	07/10/1995
European Community	TM516-005	POWERPATH	335249	07/30/1996	335349	07/30/1996
Hong Kong	TM163C-03	BRIDGEPORT	13516/95	10/24/1995	1999/0754 4	06/14/1999
Indonesia	TM153-059	BRIDGEPORT	-	05/21/1979	267294	-
Japan	TM163A-004	BRIDGEPORT	35,908/77	06/23/1977	1,741,752	01/23/1995
Japan	TM-----	BRIDGEPORT	4-11-754	05/07/1992	4220636	12/11/1998
Japan	TM248B-004	BRIDGEPORT	4-110755	05/07/1992	4,031,341	07/15/1997
Korea, Republic of (Sou)	TM153-005	BRIDGEPORT	-	-	70358	07/-/1980
Malaysia	TM153-103	BRIDGEPORT	M/52119	04/2-/1979	M/082119	04/24/1979
Mexico	TM153C-010	BRIDGEPORT	104,3-9	01/09/1991	495,081	01/0-/1991
Mexico	TM153D-010	BRIDGEPORT	104,370	01/09/1991	405,082	02/09/1992
Singapore	TM153-040	BRIDGEPORT	79,964	04/19/1979	T79/79964 A	01/10/1979
Taiwan	TM153-008	BRIDGEPORT	(65)08153	08/17/1977	96,716	02/26/1978
United Kingdom	TM153C-019	BRIDGEPORT	2004487	10/31/1994	2004487	08/02/1998
United Kingdom	TM248-019	EZ-CAM	1,287,949	10/21/1986	B1287949	10/21/1986

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SCHEDULE A
Description of Intellectual Property

Item 3: Trademarks
International
L. Kellenberger & Co., AG

NONE

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TRADEMARK

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SCHEDULE A
Description of Intellectual Property

Item 3: Trademarks
International
Hardinge Technology Systems, Inc.

NONE

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SCHEDULE B

DESCRIPTION OF INTELLECTUAL PROPERTY

ITEM 2: TRADEMARK LICENSES

NONE

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TRADEMARK

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SCHEDULE X
Description of Intellectual Property

Item 1:
~~Item 5: Copyrights~~
Domestic
Hardinge Inc.

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TRADEMARK
REEL: 003168 FRAME: 0214

- 1. TX5448383, Any way you cut it : Hardinge has the right VMC for you, Hardinge, Inc., TX (Textual Works), Registered, May 31, 2001, Monographs
- 2. TX5132130, Basic workholding techniques, Hardinge, Inc., TX (Textual Works), Registered, January 27, 2000, Monographs
- 3. TX4392201, CHNC III CNC lathe, Hardinge, Inc., TX (Textual Works), Registered, October 17, 1996, Monographs
- 4. TX4392202, CHNC IIISP CNC lathe, Hardinge, Inc., TX (Textual Works), Registered, October 17, 1996, Monographs
- 5. TX5408560, Cobra horizontal CNC lathes : brochure 1179, Hardinge, Inc., TX (Textual Works), Registered, May 31, 2001, Monographs
- 6. TX4392501, Cobra 42 CNC lathe, Hardinge, Inc., TX (Textual Works), Registered, October 17, 1996, Monographs
- 7. TX5006388, COBRA 65 CNC RAM lathe : brochure 1155., Hardinge, Inc., TX (Textual Works), Registered, January 27, 2000, Monographs
- 8. TX5006389, COBRA 65 CNC RAM lathe : brochure 1154-A., Hardinge, Inc., TX (Textual Works), Registered, January 27, 2000, Monographs
- 9. TX4350886, Conquest VT100 and VT200 vertical turning lathes, equipped with the GE FANAC 18T control, Hardinge, Inc., TX (Textual Works), Registered, August 08, 1996, Monographs
- 10. TX4350887, Conquest VT100 and VT200 vertical turning lathes, equipped with the GE FANUC 18T control, Hardinge, Inc., TX (Textual Works), Registered, August 08, 1996, Monographs

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- 11. TX4350888, Conquest VT100 and VT200 vertical turning lathes, Hardinge, Inc., TX (Textual Works), Registered, August 08, 1996, Monographs
- 12. TX4350974, Conquest VT100 and VT200 vertical turning lathes, Hardinge, Inc., TX (Textual Works), Registered, August 08, 1996, Monographs
- 13. TX4350975, Conquest VT100 and VT200 vertical turning lathes, Hardinge, Inc., TX (Textual Works), Registered, August 08, 1996, Monographs
- 14. TX4386654, Conquest VT200 vertical turning lathe, Hardinge, Inc., TX (Textual Works), Registered, October 17, 1996, Monographs
- 15. TX4386655, Conquest VT100 vertical turning lathe, Hardinge, Inc., TX (Textual Works), Registered, October 17, 1996, Monographs
- 16. TX4386656, Conquest VMC700 vertical machining center, Hardinge, Inc., TX (Textual Works), Registered, October 17, 1996, Monographs
- 17. TX4392199, Conquest T42 CNC lathe, Hardinge, Inc., TX (Textual Works), Registered, October 17, 1996, Monographs
- 18. TX4392200, Conquest T42SP CNC lathe, Hardinge, Inc., TX (Textual Works), Registered, October 17, 1996, Monographs
- 19. TX4397421, Conquest T42-L long bed CNC lathe, Hardinge, Inc., TX (Textual Works), Registered, October 17, 1996, Monographs
- 20. TX4397423, Conquest T65-L long bed lathe, Hardinge, Inc., TX (Textual Works), Registered, October 17, 1996, Monographs

- 21. TX4397425, Conquest GT CNC lathe, Hardinge, Inc., TX (Textual Works), Registered, October 17, 1996, Monographs
- 22. TX4397426, Conquest T51 CNC lathe, Hardinge, Inc., TX (Textual Works), Registered, October 17, 1996, Monographs
- 23. TX4397427, Conquest T51SP CNC lathe, Hardinge, Inc., TX (Textual Works), Registered, October 17, 1996, Monographs
- 24. TX4397428, Conquest T65 CNC lathe, Hardinge, Inc., TX (Textual Works), Registered, October 17, 1996, Monographs
- 25. TX4400827, Conquest vertical machining centers Hardinge, Hardinge, Inc., TX (Textual Works), Registered, October 17, 1996, Monographs
- 26. TX4400828, Conquest GT CHNC III CHNC IIISP, Hardinge, Inc., TX (Textual Works), Registered, October 17, 1996, Monographs
- 27. TX5006372, Conquest twin turn 65 CNC turning centers : brochure 1175., Hardinge, Inc., TX (Textual Works), Registered, January 27, 2000, Monographs
- 28. TX5006377, Conquest ST216-A/B CNC lathes : brochure 1150-B., Hardinge, Inc., TX (Textual Works), Registered, January 27, 2000, Monographs
- 29. TX5006378, Conquest GT27SP CNC lathe : brochure 1145-A., Hardinge, Inc., TX (Textual Works), Registered, January 27, 2000, Monographs
- 30. TX5006379, Conquest GT27 CNC lathe : brochure 1144., Hardinge, Inc., TX (Textual Works), Registered, January 27, 2000, Monographs

- 31. TX5006380, Conquest ST220-A/B CNC lathes : brochure 1151-B., Hardinge, Inc., TX (Textual Works), Registered, January 27, 2000, Monographs
- 32. TX5006385, Conquest twin turn 65 7- to 8-axis CNC turning center : brochure 1161., Hardinge, Inc., TX (Textual Works), Registered, January 27, 2000, Monographs
- 33. TX5006391, Conquest ST225-A/B CNC lathes : brochure 1152-B., Hardinge, Inc., TX (Textual Works), Registered, January 27, 2000, Monographs
- 34. TX5006366, CS-10/20 manual RAM EDM : brochure 1164 : Hansvedt., Hardinge, Inc., TX (Textual Works), Registered, January 27, 2000, Monographs
- 35. TX5006386, DS-30/40 5-axis wire EDM : brochure 1159., Hardinge, Inc., TX (Textual Works), Registered, January 27, 2000, Monographs
- 36. TX5408559, DS-2 2-Axis wire EDM, Hardinge, Inc., TX (Textual Works), Registered, May 31, 2001, Monographs
- 37. TX4393759, DV Five-Nine model shop lathe, Hardinge, Inc., TX (Textual Works), Registered, October 17, 1996, Monographs
- 38. TX5006390, 18-T control : brochure 1153, Hardinge, Inc., TX (Textual Works), Registered, January 27, 2000, Monographs
- 39. TX5006373, 5- to 6-axis Swiss-turn CNC lathes : brochure 1176., Hardinge, Inc., TX (Textual Works), Registered, January 27, 2000, Monographs
- 40. VA809592, Floor plan and travel specifications--Conquest VT100 and VT200 CNC vertical lathes, Hardinge, Inc., VA (Visual Arts), Registered, August 08, 1996, Monographs

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- 41. TX4386642, Hardinge machine tools, Hardinge, Inc., TX (Textual Works), Registered, October 17, 1996, Monographs
- 42. TX4392207, Hardinge/GE Fanuc 32-bit 18-T control for processing power, speed and ease of operation, Hardinge, Inc., TX (Textual Works), Registered, October 17, 1996, Monographs
- 43. TX4392502, Hardinge/GE Fanuc 32-bit 18-M control, Hardinge, Inc., TX (Textual Works), Registered, October 17, 1996, Monographs
- 44. TX4392503, Hardinge/GE Fanuc 32-bit O-TC control, Hardinge, Inc., TX (Textual Works), Registered, October 17, 1996, Monographs
- 45. TX4397422, Hardinge/GE Fanuc 32-bit 21-T control for Cobra 42 CNC lathes, Hardinge, Inc., TX (Textual Works), Registered, October 17, 1996, Monographs
- 46. TX5132127, Hardinge Sure-Grip standard and quick-Change 3-jaw power chucks and top jaws., Hardinge, Inc., TX (Textual Works), Registered, January 27, 2000, Monographs
- 47. TX5132128, Hardinge collets for automatics., Hardinge, Inc., TX (Textual Works), Registered, January 27, 2000, Monographs
- 48. TX5408557, Hardinge-EMAG : Inverted-spindle vertical CNC lathes for automated chucking, Hardinge, Inc., TX (Textual Works), Registered, May 31, 2001, Monographs
- 49. TX5408561, Hardinge-EMAG VL3 and VL5 : ad no. 209-A, Hardinge, Inc., TX (Textual Works), Registered, May 31, 2001, Monographs
- 50. TX5408566, Hardinge series II high-performance VMCs, Hardinge, Inc., TX (Textual Works), Registered, May 31, 2001, Monographs

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- 51. TX5448380, Hardinge collets for single- & multi-spindle automatics, turret lathes & rotary transfer machines, Hardinge, Inc., TX (Textual Works), Registered, May 31, 2001, Monographs
- 52. TX5448381, Hardinge spindle tooling for manual and CNC lathes, Hardinge, Inc., TX (Textual Works), Registered, May 31, 2001, Monographs
- 53. TX5448382, Hardinge and Hardinge companies, Hardinge, Inc., TX (Textual Works), Registered, May 31, 2001, Monographs
- 54. TX5448386, Hardinge Sure-Grip 3-jaw power and quick-change chucks for all brands of lathes, Hardinge, Inc., TX (Textual Works), Registered, May 31, 2001, Monographs
- 55. TX5448387, Hardinge chuck jaws for all brands of power and manual chucks, Hardinge, Inc., TX (Textual Works), Registered, May 31, 2001, Monographs
- 56. TX5448388, Hardinge CNC rotary and indexing tables, Hardinge, Inc., TX (Textual Works), Registered, May 31, 2001, Monographs
- 57. TX5448389, Hardinge HCAC collet adaptation chucks, Hardinge, Inc., TX (Textual Works), Registered, May 31, 2001, Monographs
- 58. TX5461720, Hardinge workholding products and accessories, Hardinge, Inc., TX (Textual Works), Registered, December 04, 2001, Monographs
- 59. TX4392204, HLV-DR toolroom lathe, Hardinge, Inc., TX (Textual Works), Registered, October 17, 1996, Monographs
- 60. TX4392206, HLV-H Super-Precision inch toolroom lathe, Hardinge, Inc., TX (Textual Works), Registered, October 17, 1996, Monographs

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- 61. TX5132126, HQC quick-change collect systems., Hardinge, Inc., TX (Textual Works), Registered, January 27, 2000, Monographs
- 62. TX4392205, HSL Five-Nine speed lathe, Hardinge, Inc., TX (Textual Works), Registered, October 17, 1996, Monographs
- 63. TX4397424, Kellenberger Kel-Universal grinding machines, Hardinge, Inc., TX (Textual Works), Registered, October 17, 1996, Monographs
- 64. TX5006383, Kellenberger precision and Super-Precision CNC and universal grinding machines : brochure 1180-A., Hardinge, Inc., TX (Textual Works), Registered, January 27, 2000, Monographs
- 65. TX5006375, Maquina herramientas : lide mundial en Super-Precision : brochure 1183, Hardinge, Inc., TX (Textual Works), Registered, January 27, 2000, Monographs
- 66. TX5006368, MS-2/3 manual and ZNC RAM EDM : brochure 1166., Hardinge, Inc., TX (Textual Works), Registered, January 27, 2000, Monographs
- 67. TX5006369, MS-40C 3-axis CNC RAM EDM : brochure 1167., Hardinge, Inc., TX (Textual Works), Registered, January 27, 2000, Monographs
- 68. TX5006387, MS-50C/60C 5-axis CNC RAM EDM : brochure 1158-A., Hardinge, Inc., TX (Textual Works), Registered, January 27, 2000, Monographs
- 69. TX5006370, MS-70C/80C 5-axis CNC RAM EDM : brochure 1168., Hardinge, Inc., TX (Textual Works), Registered, January 27, 2000, Monographs
- 70. TX5006384, MS-90C/100C 5-axis CNC RAM EDM : brochure 1169., Hardinge, Inc., TX (Textual Works), Registered, January 27, 2000, Monographs

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- 71. TX5006367, MV-10/20 orbiting/vectoring RAM EDM : brochure 1165., Hardinge, Inc., TX (Textual Works), Registered, January 27, 2000, Monographs
- 72. TX5408562, MV-30 orbiting/vectoring Ram EDM, Hardinge, Inc., TX (Textual Works), Registered, May 31, 2001, Monographs
- 73. TX5408558, MV-25 orbiting/vectoring RAM EDM, Hardinge, Inc., TX (Textual Works), Registered, May 31, 2001, Monographs
- 74. TX5006374, Pre-engineered, prepackaged gang tool automation : brochure 1182., Hardinge, Inc., TX (Textual Works), Registered, January 27, 2000, Monographs
- 75. TX5448379, Precision tool holding systems for mills, Hardinge, Inc., TX (Textual Works), Registered, May 31, 2001, Monographs
- 76. TX5461721, Precision tool holding systems for mills : brochure 2350, Hardinge, Inc., TX (Textual Works), Registered, December 04, 2001, Monographs
- 77. TX5408556, QUEST : step up to multi-tasking!, Hardinge, Inc., TX (Textual Works), Registered, May 31, 2001, Monographs
- 78. TX5129347, SureGrip expanding collet system., Hardinge, Inc., TX (Textual Works), Registered, January 27, 2000, Monographs
- 79. TX5006381, Swiss-type collets and guide bushings : brochure 2283-B., Hardinge, Inc., TX (Textual Works), Registered, January 27, 2000, Monographs
- 80. TX4392203, T-series production CNC lathes, Hardinge, Inc., TX (Textual Works), Registered, October 17, 1996, Monographs

- 81. TX5390790, Technical information bulletin, Hardinge, Inc., TX (Textual Works), Registered, May 31, 2001, Monographs
- 82. TX5006382, The Hardinge advantage : brochure 2327-B., Hardinge, Inc., TX (Textual Works), Registered, January 27, 2000, Monographs
- 83. TX5390105, Toolholder collets, toolholder bushings, round shank toolholders., Hardinge, Inc., TX (Textual Works), Registered, May 31, 2001, Monographs
- 84. TX5006376, VMC series II brochure (1184-A), Hardinge, Inc., TX (Textual Works), Registered, January 27, 2000, Monographs
- 85. TX5006365, 18i-T control : brochure 1162, Hardinge, Inc., TX (Textual Works), Registered, January 27, 2000, Monographs
- 86. TX5448385, 18i-T control, Hardinge, Inc., TX (Textual Works), Registered, May 31, 2001, Monographs
- 87. TX5448384, 21i-T control, Hardinge, Inc., TX (Textual Works), Registered, May 31, 2001, Monographs
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SCHEDULE A
Description of Intellectual Property

Item 5: Copyrights
Domestic
Hardinge Inc.
Continued

Hardinge Brothers, Inc.

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- 2. TX573223, AHC-26 two-way adjustable tool holder, Hardinge Brothers, Inc., TX (Textual Works), Registered, October 27, 1980, Monographs
- 3. TX3572729, A2-5" to A2-5" 16C spindle adapter instructions and parts list, Hardinge Brothers, Inc., TX (Textual Works), Registered, June 11, 1993, Monographs
- 4. TX855298, A2-5C step chucks for Hardinge Super-Precision 4000 R P M CHNC-5C chucker and bar machines, Hardinge Brothers, Inc., TX (Textual Works), Registered, February 8, 1982, Monographs
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- 6. TXu200885, Built to last (3-year warranty backs Hardinge manual lathes), Hardinge Brothers, Inc., TX (Textual Works), Registered, March 29, 1985, Monographs
- 7. VA100472, C H N C floor plan and tooling dimensions, Hardinge Brothers, Inc., VA (Visual Arts), Registered, May 25, 1982, Monographs
- 8. VA101993, C H N C floor plan and tooling dimensions, Hardinge Brothers, Inc., VA (Visual Arts), Registered, June 8, 1982, Monographs
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- 12. TX999950, C H N C parameter sheet, diameter programming general numeric GN6T-B control, Hardinge Brothers, Inc., TX (Textual Works), Registered, October 5, 1982, Monographs
- 13. TX703312, Carbide cutting tools, Hardinge Brothers, Inc., TX (Textual Works), Registered, June 1, 1981, Monographs
- 14. TX3577264, Chip conveyer installation and maintenance instructions for CONQUEST GT Super-Precision CNC chucker and bar machine, Hardinge Brothers, Inc., TX (Textual Works), Registered, June 17, 1993, Monographs
- 15. TX1195405, CHNC-GN parts counter, Hardinge Brothers, Inc., TX (Textual Works), Registered, September 7, 1983, Monographs
- 16. TX848148, CHNC-GN programmer's and operator's manual (T-57), Hardinge Brothers, Inc., TX (Textual Works), Registered, January 5, 1982, Monographs
- 17. TX1952921, CHNC I operator's guide for CHNC I chucker and bar machine, with general numeric/Siemens 810 control, Hardinge Brothers, Inc., TX (Textual Works), Registered, November 17, 1986, Monographs
- 18. TX2943825, CHNC I tour automatique a mandrin et a barre a commande numerique informatisee avec l'orage de commande GE FANUC OT-B, Hardinge Brothers, Inc., TX (Textual Works), Registered, October 26, 1990, Monographs
- 19. TX1663235, CHNC II Super-Precision CNC chucker and bar machine, Hardinge Brothers, Inc., TX (Textual Works), Registered, September 30, 1985, Monographs
- 20. TX1690974, CHNC II PC ladder diagrams for CHNC II chucker and bar machine with GN10TF control, Hardinge Brothers, Inc., TX (Textual Works), Registered, November 12, 1985, Monographs

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- 21. TX713263, CHNC-16 parts list supplement, Hardinge Brothers, Inc., TX (Textual Works), Registered, June 19, 1981, Monographs
- 22. TX738932, CHNC troubleshooting guide, Hardinge Brothers, Inc., TX (Textual Works), Registered, July 27, 1981, Monographs
- 23. TX1325268, Collets for your lathes, millers, grinders, fixtures, Hardinge Brothers, Inc., TX (Textual Works), Registered, April 10, 1984, Monographs
- 24. TX2548905, Conquest 42 precision CNC slant bed chucker and bar machine, Hardinge Brothers, Inc., TX (Textual Works), Registered, April 17, 1989, Monographs
- 25. TX2548906, Conquest 42 precision CNC slant bed chucker and bar machine, Hardinge Brothers, Inc., TX (Textual Works), Registered, April 17, 1989, Monographs
- 26. TX3553396, Conquest 51 Conquest 51 SP : no. M-258, Hardinge Brothers, Inc., TX (Textual Works), Registered, June 11, 1993, Monographs
- 27. TX3553397, Conquest GT : no. M-240, Hardinge Brothers, Inc., TX (Textual Works), Registered, June 11, 1993, Monographs
- 28. TX3553399, Conquest GT : no. M-241A, Hardinge Brothers, Inc., TX (Textual Works), Registered, June 11, 1993, Monographs
- 29. TX3553402, Conquest 42 programmer's manual : no. M-252, Hardinge Brothers, Inc., TX (Textual Works), Registered, June 11, 1993, Monographs
- 30. TX3558885, Conquest 51 and Conquest 51SP CNC slant bed lathes, Hardinge Brothers, Inc., TX (Textual Works), Registered, June 11, 1993, Monographs

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- 32. TX3572814, Conquest 51, Conquest 51 SP, Hardinge Brothers, Inc., TX (Textual Works), Registered, June 11, 1993, Monographs
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- 34. TX3600477, Conquest 51 conquest 51SP, super-precision, Hardinge Brothers, Inc., TX (Textual Works), Registered, June 11, 1993, Monographs
- 35. TX3600478, Conquest 65 CNC slant bed lathe, Hardinge Brothers, Inc., TX (Textual Works), Registered, June 11, 1993, Monographs
- 36. TX3600479, Conquest T42 and Conquest T42SP, Hardinge Brothers, Inc., TX (Textual Works), Registered, June 11, 1993, Monographs
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- 38. TX3613031, Conquest 51, Conquest 51 SP Super-Precision CNC chucker and bar machines equipped with the GE FANUC 0-TC control, Hardinge Brothers, Inc., TX (Textual Works), Registered, June 11, 1993, Monographs
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- 40. TX2815582, Conquest 42 precision CNC slant bed chucker and bar machine, Hardinge Brothers, Inc., TX (Textual Works), Registered, April 30, 1990, Monographs

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- 41. TX2818212, Conquest 42 precision CNC slant bed chucker and bar machine : hi-torque pulley installation and parameter changes, Hardinge Brothers, Inc., TX (Textual Works), Registered, April 30, 1990, Monographs
- 42. TX2943823, Conquest SP super-precision CNC slant bed chucker and bar machine, Hardinge Brothers, Inc., TX (Textual Works), Registered, October 26, 1990, Monographs
- 43. TX1177342, D V Five-Nine Super-Precision high speed model shop lathe., Hardinge Brothers, Inc., TX (Textual Works), Registered, April 15, 1983, Monographs
- 44. TX2068620, Descriptions and specifications of standard and optional features of the Hardinge CHNC I CNC chucker and bar machine, Hardinge Brothers, Inc., TX (Textual Works), Registered, May 8, 1987, Monographs
- 45. TX2068644, Descriptions and specifications of standard and optional features, Hardinge Super-Precision CHNC II+ CNC chucker, Hardinge Brothers, Inc., TX (Textual Works), Registered, May 8, 1987, Monographs
- 46. TX2529072, Description & specs of standard and optional features of the Hardinge CHNC I CNC chucker and bar machine, Hardinge Brothers, Inc., TX (Textual Works), Registered, March 24, 1989, Monographs
- 47. TX1446167, Digital readout retrofit for Hardinge HLV toolroom and TFB production lathes, Hardinge Brothers, Inc., TX (Textual Works), Registered, October 24, 1984, Monographs
- 48. TX2068646, DSM Five-Nine high speed Super-Precision bar and second operation machine., Hardinge Brothers, Inc., TX (Textual Works), Registered, May 8, 1987, Monographs
- 49. TX1403964, D14 and L9 radius turning attachment operating instructions and parts list (M-138), Hardinge Brothers, Inc., TX (Textual Works), Registered, August 10, 1984, Monographs
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- 52. VA181562, Floor plan and tooling dimensions for H X L C N C Universal Turning Center (T-84A), Hardinge Brothers, Inc., VA (Visual Arts), Registered, March 7, 1985, Monographs
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- 60. TX2516331, GE Fanuc OT-B CNC control for Hardinge CHNC-I chucker and bar machine, Hardinge Brothers, Inc., TX (Textual Works), Registered, February 27, 1989, Monographs

- 61. TX1233645, General numeric GN6TB-2 control parameter sheet, Hardinge Brothers, Inc., TX (Textual Works), Registered, November 21, 1983, Monographs
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- 63. TX2068584, Granitan epoxy-granite structures, Hardinge Brothers, Inc., TX (Textual Works), Registered, May 8, 1987, Monographs
- 64. TX1417795, H L V-E M dual dial arrangement, Hardinge Brothers, Inc., TX (Textual Works), Registered, September 21, 1984, Monographs
- 65. TX771235, H L V--H Super-Precision toolroom lathe, Hardinge Brothers, Inc., TX (Textual Works), Registered, September 11, 1981, Monographs
- 66. TX2514388, H N C Chucker and bar machine special sales program, Hardinge Brothers, Inc., TX (Textual Works), Registered, February 27, 1989, Monographs
- 67. VA121820, H X L floor plan and tooling dimensions, Hardinge Brothers, Inc., VA (Visual Arts), Registered, March 9, 1983, Monographs
- 68. TX1216289, H X L parts list, Hardinge Brothers, Inc., TX (Textual Works), Registered, September 26, 1983, Monographs
- 69. TX882598, H X L universal C N C turning centre., Hardinge Brothers, Inc., TX (Textual Works), Registered, March 17, 1982, Monographs
- 70. TX3588835, Harcrete polymer composite, Hardinge Brothers, Inc., TX (Textual Works), Registered, June 11, 1993, Monographs

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- 72. TX1009480, Hardinge Super-Precision operator's guide : HXL Super-Precision universal-C N C turning center : (M-112), Hardinge Brothers, Inc., TX (Textual Works), Registered, October 19, 1982, Monographs
- 73. TX1013155, Hardinge Super-Precision precision bushings for turrets and tool holders., Hardinge Brothers, Inc., TX (Textual Works), Registered, October 26, 1982, Monographs
- 74. TX1013937, Hardinge HC Super-Precision chucking machine, Hardinge Brothers, Inc., TX (Textual Works), Registered, November 1, 1982, Monographs
- 75. TX1014273, Hardinge turret tooling for 3/8 inch turret top plates for Super-Precision computerized numerical control, Hardinge Brothers, Inc., TX (Textual Works), Registered, November 8, 1982, Monographs
- 76. TX1023288, Hardinge Superslant customized variables., Hardinge Brothers, Inc., TX (Textual Works), Registered, November 12, 1982, Monographs
- 77. TX1043201, Hardinge Superslant : Superslant-AB turret adjustment, baud rate entry, spindle orient (M19) setup, reversal error comp, Hardinge Brothers, Inc., TX (Textual Works), Registered, December 27, 1982, Monographs
- 78. TX56759, Hardinge mill tooling, Hardinge Brothers, Inc., Bombarger, Carl, TX (Textual Works), Registered, June 23, 1978, Monographs
- 79. TX2068645, Hardinge-Sjogren speed collet chucks., Hardinge Brothers, Inc., TX (Textual Works), Registered, May 8, 1987, Monographs
- 80. TX91507, Hardinge, H N C starter kits, Hardinge Brothers, Inc., Bombarger, Carl, TX (Textual Works), Registered, August 21, 1978, Monographs

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- 81. TX1101709, Hardinge-Iscar Self-Grip carbide insert cut-off and grooving tools, Hardinge Brothers, Inc., TX (Textual Works), Registered, March 3, 1983, Monographs
- 82. TX151256, Hardinge maintenance manual, H N C, Hardinge Brothers, Inc., Bombarger, Carl, TX (Textual Works), Registered, December 1, 1978, Monographs
- 83. TX1172819, Hardinge Tutor/Turn programming for simplified data entry for HXL CNC universal turning center, Hardinge Brothers, Inc., TX (Textual Works), Registered, August 8, 1983, Monographs
- 84. TX220595, Hardinge threading instructions for Hardinge H L V-E M, Hardinge Brothers, Inc., Bombarger, Carl, TX (Textual Works), Registered, March 9, 1979, Monographs
- 85. TX220596, Hardinge Super-Precision Lensmaster II optical radius turning attachment, Hardinge Brothers, Inc., Bombarger, Carl, TX (Textual Works), Registered, March 9, 1979, Monographs
- 86. TX1218884, Hardinge HXL Universal turning center, Hardinge Brothers, Inc., TX (Textual Works), Registered, October 17, 1983, Monographs
- 87. TX1229786, Hardinge super-precision power specifications for all machines, Hardinge Brothers, Inc., TX (Textual Works), Registered, September 28, 1983, Monographs
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- 89. TX1251638, Hardinge 5C Dead-Length Thru-Hole collet, Hardinge Brothers, Inc., TX (Textual Works), Registered, December 2, 1983, Monographs
- 90. TX1265954, Hardinge Superslant-GN programmer's and operator's manual., Hardinge Brothers, Inc., TX (Textual Works), Registered, January 18, 1984, Monographs

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- 91. TX1277111, Hardinge Superslant parameter sheets : two-axis machine/diameter programming general numeric GN6TB-2 control., Hardinge Brothers, Inc., TX (Textual Works), Registered, January 23, 1984, Monographs
- 92. VA138238, Hardinge Superslant, Superslant-GN 3 & 4 axis PC ladder diagrams, Hardinge Brothers, Inc., VA (Visual Arts), Registered, March 21, 1983, Monographs
- 93. TX1293362, Hardinge CHNC chucker radius programming sheets for the general numeric GN6TB-2 control (M-127), Hardinge Brothers, Inc., TX (Textual Works), Registered, December 5, 1983, Monographs
- 94. TX302351, Hardinge Brothers, Inc., Hardinge Brothers, Inc., Bombarger, Carl, TX (Textual Works), Registered, March 9, 1979, Monographs
- 95. TX302352, Hardinge operator's manual, Hardinge Brothers, Inc., Bombarger, Carl, TX (Textual Works), Registered, March 9, 1979, Monographs
- 96. TX1298630, Hardinge Super-Precision 5C spindle tooling, Hardinge Brothers, Inc., TX (Textual Works), Registered, November 14, 1983, Monographs
- 97. VA146850, Hardinge super-precision Floor plan for Hardinge 6-foot and 12-foot retractable bar feed units, Hardinge Brothers, Inc., VA (Visual Arts), Registered, January 16, 1984, Monographs
- 98. TX1326672, Hardinge 5C spindle tooling, Hardinge Brothers, Inc., TX (Textual Works), Registered, April 11, 1984, Monographs
- 99. VA166689, Hardinge super-precision machining techniques, Hardinge Brothers, Inc., VA (Visual Arts), Registered, September 24, 1984, Monographs
- 100. TX1399136, Hardinge Superslant customized variables instructions, Hardinge Brothers, Inc., TX (Textual Works), Registered, August 17, 1984, Monographs

- 101. TX1411504, Hardinge sales brochure T-126, "The closer you get, the better we look.", Hardinge Brothers, Inc., TX (Textual Works), Registered, September 19, 1984, Monographs
- 102. TX1417674, Hardinge Superslant : AB programmer's and operator's manual, addenda 2 (T-65B), Hardinge Brothers, Inc., TX (Textual Works), Registered, September 5, 1984, Monographs
- 103. TX1417793, Hardinge 5 C extended nose collets, Hardinge Brothers, Inc., TX (Textual Works), Registered, September 21, 1984, Monographs
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- 105. TX2516327, Hardinge Super-Precision toolroom lathes and production lathe, Hardinge Brothers, Inc., TX (Textual Works), Registered, February 27, 1989, Monographs
- 106. TX2516328, Hardinge Super-Precision general catalog, Hardinge Brothers, Inc., TX (Textual Works), Registered, February 27, 1989, Monographs
- 107. TX2516329, Hardinge Precision CHNC I CNC chucker and bar machine, Hardinge Brothers, Inc., TX (Textual Works), Registered, February 27, 1989, Monographs
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- 112. TX2529497, Hardinge turret tooling for 3/8 inch turret top plates, Hardinge Brothers, Inc., TX (Textual Works), Registered, March 24, 1989, Monographs
- 113. TX522443, Hardinge Super-Precision AHC-28 three-way fine adjustable tool holder, Hardinge Brothers, Inc., TX (Textual Works), Registered, August 5, 1980, Monographs
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- 115. TX1529651, Hardinge worldwide., Hardinge Brothers, Inc., TX (Textual Works), Registered, March 25, 1985, Monographs
- 116. TX1537038, Hardinge single- and double-angle toolholder collets, Hardinge Brothers, Inc., TX (Textual Works), Registered, March 29, 1985, Monographs
- 117. TX1547795, Hardinge worldwide., Hardinge Brothers, Inc., TX (Textual Works), Registered, March 25, 1985, Monographs
- 118. TX1547922, Hardinge Super-Precision 2-, 3-, or 4-axis Superslant CNC chucker and bar machine, Hardinge Brothers, Inc., TX (Textual Works), Registered, April 10, 1985, Monographs
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- 120. TX1556834, Hardinge HXL Super-Precision CNC universal turning center maintenance manual, Hardinge Brothers, Inc., TX (Textual Works), Registered, April 24, 1985, Monographs

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- 122. TX1573683, Hardinge 16C spindle tooling : brochure 2203., Hardinge Brothers, Inc., TX (Textual Works), Registered, May 17, 1985, Monographs
- 123. TX3558858, Hardinge HQC quick-change collet system Hardinge CNC lathes, Hardinge Brothers, Inc., TX (Textual Works), Registered, June 11, 1993, Monographs
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- 125. TX3558887, Hardinge A2-5" to A2-5" 16C spindle adapter, Hardinge Brothers, Inc., TX (Textual Works), Registered, June 11, 1993, Monographs
- 126. TX609718, Hardinge-Sjogren speed collet chucks for tool room lathes, engine lathes, and grinders, Hardinge Brothers, Inc., TX (Textual Works), Registered, January 6, 1981, Monographs
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- 128. TX3571048, Hardinge performance. Hardinge support, Hardinge Brothers, Inc., TX (Textual Works), Registered, June 11, 1993, Monographs
- 129. TX3577259, Hardinge HQC quick-change collet installation instructions, Hardinge Brothers, Inc., TX (Textual Works), Registered, June 17, 1993, Monographs
- 130. TX3579172, Hardinge High Speed Super-Precision HLV Toolroom and TFB-H production lathes, Hardinge Brothers, Inc., TX (Textual Works), Registered, June 17, 1993, Monographs

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- 132. TX3588836, Hardinge builds the world's most reliable CNC lathes and collet systems, Hardinge Brothers, Inc., TX (Textual Works), Registered, June 11, 1993, Monographs
- 133. TX3588837, Hardinge CNC lathe family, Hardinge Brothers, Inc., TX (Textual Works), Registered, June 11, 1993, Monographs
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- 138. TX657264, Hardinge H M D I turning machine, Hardinge Brothers, Inc., TX (Textual Works), Registered, March 23, 1981, Monographs
- 139. TX1667157, Hardinge Super-Precision HXL-S versatile CNC lathe., Hardinge Brothers, Inc., TX (Textual Works), Registered, September 18, 1985, Monographs
- 140. TX680217, Hardinge precision insert cutting tools, Hardinge Brothers, Inc., TX (Textual Works), Registered, April 29, 1981, Monographs

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- 143. TX688607, Hardinge precision bushings for standard tool holders., Hardinge Brothers, Inc., TX (Textual Works), Registered, January 6, 1981, Monographs
- 144. TX1706152, Hardinge Super-Praezision HXL-S universal-CNC-drehamaschine, Hardinge Brothers, Inc., TX (Textual Works), Registered, September 20, 1985, Monographs
- 145. TX703341, Hardinge Super-Precision instructions for Hardinge pneumatic bar feed for all Hardinge production machines : M-60-C, Hardinge Brothers, Inc., TX (Textual Works), Registered, June 1, 1981, Monographs
- 146. TX1719812, Hardinge in-process gauging system, Hardinge Brothers, Inc., TX (Textual Works), Registered, November 20, 1985, Monographs
- 147. TX722298, Hardinge Super-Precision machine tools, Hardinge Brothers, Inc., TX (Textual Works), Registered, April 13, 1981, Monographs
- 148. TX1726142, Hardinge Superslant PC ladder diagrams for GN controls., Hardinge Brothers, Inc., TX (Textual Works), Registered, January 6, 1986, Monographs
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- 150. TX769970, Hardinge Maintenance Training Schools, Hardinge Brothers, Inc., TX (Textual Works), Registered, September 22, 1981, Monographs

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- 153. TX2817493, Hardinge superior castings, Hardinge Brothers, Inc., TX (Textual Works), Registered, May 2, 1990, Monographs
- 154. TX2818214, Hardinge/Accu-Finish tool sharpener., Hardinge Brothers, Inc., TX (Textual Works), Registered, April 30, 1990, Monographs
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- 162. TX2898654, Hardinge Super-Precision toolroom lathes and production lathe, Hardinge Brothers, Inc., TX (Textual Works), Registered, May 2, 1990, Monographs
- 163. TX2899674, Hardinge precision parts list, Hardinge Brothers, Inc., TX (Textual Works), Registered, May 2, 1990, Monographs
- 164. TX2902160, Hardinge Super-Precision, Hardinge Brothers, Inc., TX (Textual Works), Registered, May 2, 1990, Monographs
- 165. TX880610, Hardinge Superslant : chucker and bar machine., Hardinge Brothers, Inc., TX (Textual Works), Registered, February 26, 1982, Monographs
- 166. TX915225, Hardinge collet index fixtures, Hardinge Brothers, Inc., TX (Textual Works), Registered, May 3, 1982, Monographs
- 167. TX2944423, Hardinge in-process gauging system option for Conquest chucker and bar machines : instructions and parts list, Hardinge Brothers, Inc., TX (Textual Works), Registered, October 26, 1990, Monographs
- 168. TX2944424, Hardinge precision Conquest 42 CNC slant bed chucker and bar machine, Hardinge Brothers, Inc., TX (Textual Works), Registered, October 26, 1990, Monographs
- 169. TX997797, Hardinge collet index fixtures, Hardinge Brothers, Inc., TX (Textual Works), Registered, September 28, 1982, Monographs
- 170. TX799140, HF-4R retractable bar feed operating instructions and parts list., Hardinge Brothers, Inc., TX (Textual Works), Registered, November 12, 1981, Monographs

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- 171. TX999519, HF-6R and HF-6SR retractable bar feed operating instructions and parts list, Hardinge Brothers, Inc., TX (Textual Works), Registered, September 13, 1982, Monographs
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- 173. VA106937, HFR6SR retractable bar feed floor plan, Hardinge Brothers, Inc., VA (Visual Arts), Registered, August 16, 1982, Monographs
- 174. TX3558890, HQC Hardinge Quick-Change Collet system for all CNC lathes, Hardinge Brothers, Inc., TX (Textual Works), Registered, June 11, 1993, Monographs
- 175. TX3558857, HQC quick-change collet system for the Hardinge Conquest GT lathe, Hardinge Brothers, Inc., TX (Textual Works), Registered, June 11, 1993, Monographs
- 176. TX3572730, HQC quick-change Collet system for all CNC Lathes, Hardinge Brothers, Inc., TX (Textual Works), Registered, June 11, 1993, Monographs
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- 182. TX2568081, Installation, operation, and maintenance instructions for six foot and twelve foot HarMatic hydrodynamic, Hardinge Brothers, Inc., TX (Textual Works), Registered, March 24, 1989, Monographs
- 183. TX3577262, Installation, operation, and maintenance instructions for six foot and twelve foot Har-Matic six, Hardinge Brothers, Inc., TX (Textual Works), Registered, June 17, 1993, Monographs
- 184. TX1964065, Installation and adjustment instructions for power chuck with hard top jaws, Hardinge Brothers, Inc., TX (Textual Works), Registered, November 17, 1986, Monographs
- 185. TX1556825, Instructions and parts list for Hardinge bar stock pullers and spindle reduction liners, Hardinge Brothers, Inc., TX (Textual Works), Registered, April 24, 1985, Monographs
- 186. TX3558884, Instructions and parts list for double-angle collect tool holder, Hardinge Brothers, Inc., TX (Textual Works), Registered, June 11, 1993, Monographs
- 187. TX3571044, Instructions for Hardinge 16C DEAD-LENGTH collet and 2" step chuck, Hardinge Brothers, Inc., TX (Textual Works), Registered, June 11, 1993, Monographs
- 188. TX3577258, Instructions and parts list for Hardinge model HB-20A and HB-24A 16C index fixtures, Hardinge Brothers, Inc., TX (Textual Works), Registered, June 17, 1993, Monographs
- 189. TX1964066, Instructions for Hardinge 16C Dead-Length collet and 2" step chuck, Hardinge Brothers, Inc., TX (Textual Works), Registered, November 17, 1986, Monographs
- 190. VA572913, Interchangeable dovetail top plate and tooling system for Hardinge Conquest GT CNC gang tool chucker, Hardinge Brothers, Inc., VA (Visual Arts), Registered, June 11, 1993, Monographs

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- 193. TX1712430, Introducing the new CHNC II chucker and bar machine., Hardinge Brothers, Inc., TX (Textual Works), Registered, November 19, 1985, Monographs
- 194. TX715625, Introducing the new general numeric computerized numerical control for Hardinge Super-Precision CHNC-52 and CHNC-16, Hardinge Brothers, Inc., TX (Textual Works), Registered, June 24, 1981, Monographs
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- 198. TX1637889, Live tooling supplement to Superslant programmer's and operator's manual, Hardinge Brothers, Inc., TX (Textual Works), Registered, July 30, 1985, Monographs
- 199. TXu562461, Machine builder Hardinge Brothers, Inc. : CS 42 base machine type, Hardinge Brothers, Inc., TX (Textual Works), Registered, March 22, 1993, Monographs
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- 204. TX1723478, Maintenance manual for CHNC II super-precision CNC chucking and bar machine with general numeric 10TF control (M-160), Hardinge Brothers, Inc., TX (Textual Works), Registered, January 2, 1986, Monographs
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- 220. TX1235936, Parameter sheet, diameter programming general numeric GN6T-B control, Hardinge Brothers, Inc., TX (Textual Works), Registered, June 20, 1983, Monographs

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- 240. TX726370, Replacement parts, system 7370 control console and CHNC PWM drives, Hardinge Brothers, Inc., TX (Textual Works), Registered, July 9, 1981, Monographs

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- 242. TX1530130, Retrofit instructions for Superslant chucker and bar machine, Hardinge Brothers, Inc., TX (Textual Works), Registered, March 29, 1985, Monographs
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- 252. TX880183, Super-Precision CNC universal turning center : Hardinge HXL turning center., Hardinge Brothers, Inc., TX (Textual Works), Registered, March 31, 1982, Monographs

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- 257. TX1951892, Superslant : programmer's workbook : general numeric control : 4-axis, Hardinge Brothers, Inc., TX (Textual Works), Registered, November 17, 1986, Monographs

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- 262. TX573225, Supplement to CHNC programmer's and operator's manual (M-83), Hardinge Brothers, Inc., TX (Textual Works), Registered, October 27, 1980, Monographs
- 263. TX694512, Supplement to Maintenance manual for automatic threading unit on Hardinge AHC Super-Precision automatic chucker and bar, Hardinge Brothers, Inc., TX (Textual Works), Registered, May 18, 1981, Monographs
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- 267. TX3553400, Technical information for Hardinge Conquest 51 Conquest 51SP : A-407, Hardinge Brothers, Inc., TX (Textual Works), Registered, June 11, 1993, Monographs
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- 271. TX1398585, The H L V-D R Super Precision toolroom lathe with digital readout, Hardinge Brothers, Inc., TX (Textual Works), Registered, August 17, 1984, Monographs
- 272. TX1325392, The Hardinge robot (T-83), Hardinge Brothers, Inc., TX (Textual Works), Registered, April 10, 1984, Monographs
- 273. TX1417681, The Hardinge H X L Super Precision C N C universal turning center : (brochure 1065), Hardinge Brothers, Inc., TX (Textual Works), Registered, August 17, 1984, Monographs
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- 278. TX2069998, Tomorrow's technology. It's happening today at Hardinge, Hardinge Brothers, Inc., TX (Textual Works), Registered, May 8, 1987, Monographs
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- 280. TX573224, Tooling for Hardinge Super-Precision numerical control bar/chucking machines, Hardinge Brothers, Inc., TX (Textual Works), Registered, October 27, 1980, Monographs

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- 282. TX3553398, Total tooling by Hardinge, Hardinge Brothers, Inc., TX (Textual Works), Registered, June 11, 1993, Monographs
- 283. TX3577830, Total workholding : collets, feed fingers, and accessories from the workholding experts, Hardinge Brothers, Inc., TX (Textual Works), Registered, June 11, 1993, Monographs
- 284. TX1325391, Triple tool holder for use on C H N C chucker and bar machine with 1/2" turret top plate (T-114), Hardinge Brothers, Inc., TX (Textual Works), Registered, April 10, 1984, Monographs
- 285. VA188086, Turret and spindle drive specifications, Hardinge Brothers, Inc., VA (Visual Arts), Registered, May 16, 1985, Monographs
- 286. VA208750, Turret tooling system, Hardinge Brothers, Inc., VA (Visual Arts), Registered, December 5, 1985, Monographs
- 287. TX787434, Turret tooling for 1/2" turret top plates for Hardinge Super-Precision computerized numerical control, Hardinge Brothers, Inc., TX (Textual Works), Registered, October 19, 1981, Monographs
- 288. VA578696, Turret tooling system for Hardinge Conquest 51 and Conquest 65 slant bed lathes, Hardinge Brothers, Inc., VA (Visual Arts), Registered, June 11, 1993, Monographs
- 289. VA141238, Tutor/Turn, Hardinge Brothers, Inc., VA (Visual Arts), Registered, April 4, 1983, Monographs
- 290. TX1537168, Tutor Turn programming for HXL CNC universal turning center, Hardinge Brothers, Inc., TX (Textual Works), Registered, March 8, 1985, Monographs

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- 291. TX2514390, Two C N C choices from Hardinge, Hardinge Brothers, Inc., TX (Textual Works), Registered, February 27, 1989, Monographs
- 292. TX1945967, Up and running in 5 minutes, Hardinge Brothers, Inc., TX (Textual Works), Registered, November 17, 1986, Monographs
- 293. VA572912, Vertical turret tooling system for Hardinge Conquest T42 and Conquest T42SP slant bed lathes, Hardinge Brothers, Inc., VA (Visual Arts), Registered, June 11, 1993, Monographs
- 294. TX2514389, Why not consider precision machining at 1/3 the cost?, Hardinge Brothers, Inc., TX (Textual Works), Registered, February 27, 1989, Monographs
- 295. TX1554262, Your choice for toolroom turning, Hardinge Brothers, Inc., TX (Textual Works), Registered, March 29, 1985, Monographs
- 296. TX737709, 16C spindle adapter, Hardinge Brothers, Inc., TX (Textual Works), Registered, July 24, 1981, Monographs
- 297. TX758465, 16C spindle adapter instructions, Hardinge Brothers, Inc., TX (Textual Works), Registered, September 1, 1981, Monographs
- 298. TX965367, 16C spindle adapter instructions, Hardinge Brothers, Inc., TX (Textual Works), Registered, July 23, 1982, Monographs
- 299. TX3577261, 16C universal spindle stop, Hardinge Brothers, Inc., TX (Textual Works), Registered, June 17, 1993, Monographs
- 300. TX3571045, 20C DEAD-LENGTH step chuck, Hardinge Brothers, Inc., TX (Textual Works), Registered, June 11, 1993, Monographs

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- 301. TX3558882, 20C spindle tooling : catalog no. 2256, Hardinge Brothers, Inc., TX (Textual Works), Registered, June 11, 1993, Monographs
- 302. TX3577260, 20C to 16C spindle adapter for Hardinge lathes with 20C spindles, Hardinge Brothers, Inc., TX (Textual Works), Registered, June 17, 1993, Monographs
- 303. TX3558883, 25C spindle tooling : catalog no. 2258, Hardinge Brothers, Inc., TX (Textual Works), Registered, June 11, 1993, Monographs

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SCHEDULE A
Description of Intellectual Property

Item 5: Copyrights
Domestic
Hardinge Inc.
Continued

Purchased Copyrights

<u>COPYRIGHT #</u>	<u>DATE ISSUED</u>	<u>MATERIAL</u>
TX-793-473	10/31/81	Don't Buy A Cheap CNC (Buy A Bridgeport CNC Cheaper)
TX-793-474	10/30/81	The Bridgeport CNC's
TX-811-217	11/16/81	Introducing the automatic Bridgeport
TX-811-219	11/16/81	Life line
TX-823-893	12/24/81	The Easy Life
TX-823-894	12/24/81	The Real World
TX-823-895	12/24/81	The Bridgeport CNC's
TX-823-892	12/24/81	Life Rolls On
TX-864-135	02/24/82	There's More to Bridgeport Than Meets The Eye
TX-864-136	02/24/82	Think Sharp
TX-864-137	02/24/82	Get The Point
TX-864-138	02/24/82	The Bridgeport CNC's
TX-864-139	02/24/82	An American Classic At A Foreign Price
TX-864-140	02/24/82	Why Bridgeport Has Decided To Sell To You Direct
TX-864-141	02/24/82	Buy from Bridgeport Direct, 1-800-243-4292
TX-882-047	04/02/82	Add DNC Power to Your CNC Bridgeports
TX-882-048	04/02/82	Supplemental Mass Storage Boosts CNC Productivity
TX-882-049	04/02/82	Make Your Used Bridgeport Work Like New
TX-954-314	04/02/82	Choice Cut
TX-954-316	04/02/82	American Classics At Import Prices
TX-954-317	04/02/82	The Bridgeport Standard Machines
TX-954-319	04/02/82	America Invades America

SCHEDULE A
Description of Intellectual Property

Item 5: Copyrights
Domestic
Hardinge Inc.
Continued

<u>COPYRIGHT #</u>	<u>DATE ISSUED</u>	<u>MATERIAL</u>
TX-954-320	04/02/82	Top Shops: 1: For And About Shops That Are Tops In Their Field
TX-954-321	04/02/82	Bridgeport Winners, E-Z CAM/CNC: Two Powerful Tools For One Low Price
TX-954-322	04/02/82	Bridgeport Attachments And Accessories For Standard Vertical Milling Machines
TX-954-323	04/02/82	R2D3
TX-954-324	04/02/82	E-Z CAM
TX-954-325	04/02/82	Series I MDI
TX-954-326	04/02/82	Series II CNC
TX-954-327	04/02/82	O-C 14A
TX-954-328	04/02/82	Series I CNC: BridgeportSeries I CNC Mill
TX-954-329	04/02/82	Series I CNC, Machining Center

SCHEDULE A

Description of Intellectual Property

**Item 5: Copyrights
Domestic
L. Kellenberger & Co., AG**

NONE

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TRADEMARK

REEL: 003168 FRAME: 0258

SCHEDULE A

Description of Intellectual Property

Item 5: Copyrights

Domestic

Hardinge Technology Systems, Inc.

NONE

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TRADEMARK

REEL: 003168 FRAME: 0259

SCHEDULE A

Description of Intellectual Property

Item 5: Copyrights
International
Hardinge Inc.

COPYRIGHT # **DATE ISSUED** **MATERIAL**

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TRADEMARK
REEL: 003168 FRAME: 0260

SCHEDULE A
Description of Intellectual Property

Item 5: Copyrights
International
L. Kellenberger & Co., AG

COPYRIGHT # **DATE ISSUED** **MATERIAL**

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TRADEMARK
REEL: 003168 FRAME: 0261

SCHEDULE A

Description of Intellectual Property

Item 5: Copyrights

International

Hardinge Technology Systems, Inc.

COPYRIGHT # DATE ISSUED MATERIAL

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TRADEMARK

REEL: 003168 FRAME: 0262

SCHEDULE C

DESCRIPTION OF INTELLECTUAL PROPERTY

ITEM 2: COPYRIGHT LICENSES

NONE

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**TRADEMARK
REEL: 003168 FRAME: 0263**

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June 1, 2005

EXPRESS MAIL (tracking no. EK451411876US)
Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

Re: Recordation of Security Agreement between Manufacturers and Traders Trust Company, as Agent and Hardinge Inc. f/k/a Hardinge Brothers Inc. (Trademark)

Dear Sir/Madam:

Enclosed please find a Recordation Form Cover Sheet for the Security Agreement between Manufacturers and Traders Trust Company and Hardinge Inc.

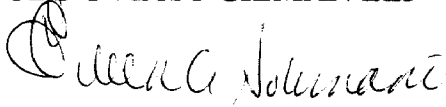
Also enclosed is a check in the amount of \$1,740.00 (\$40 + (68 x \$25)) to cover the filing fee for the recordation.

We have enclosed an additional copy of this letter and ask that you stamp this copy "Received" by your office and return it to my attention in the self-addressed, stamped envelope provided for your convenience.

Should you have any questions regarding the enclosure, please do not hesitate to contact the undersigned.

Very truly yours,

WOODS OVIATT GILMAN LLP



Eileen A. Solimano
Paralegal

Enclosures