

4/16/02

Form PTO-1594 (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002) Tab settings

REC

04-22-2002

U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office



To the Honorable Commissioner of Pat

102062234

original documents or copy thereof.

1. Name of conveying party(ies):

Mueller Co.

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

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

- Assignment Merger Security Agreement Change of Name Other

Execution Date: August 13, 1999

2. Name and address of receiving party(ies)

Name: Tyco International (US) Inc. Internal Address: One Tyco Park Street Address: One Tyco Park City: Exeter State NH Zip 03833

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

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) Additional name(s) & address(es) attached? Yes No

4. Application number(s) or registration number(s):

A. Trademark Application No.(s) None

B. Trademark Registration No.(s) See attachment

Additional number(s) attached Yes No

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

Name: Jeri N. Sute, Esq. Internal Address: Troutman Sanders LLP, 600 Peachtree Street, N.E., Suite 5200 Street Address: Troutman Sanders LLP, 600 Peachtree Street, N.E., Suite 5200 City: Atlanta State GA Zip: 30308

6. Total number of applications and registrations involved: 43

7. Total fee (37 CFR 3.41): \$ 1090.00 Enclosed Authorized to be charged to deposit account 8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Jeri N. Sute

Signature

1/22/02

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 61

04/19/2002 LNUELLER 00000232 772654

MNI documents to be recorded with required cover sheet information to: Commissioner of Patent & Trademarks, Box Assignments, Washington, D.C. 20231

01 FC:481 40.00 OP 02 FC:482 1050.00 OP

934136_2.DOC

TRADEMARK REEL: 002488 FRAME: 0051

**Attachment to Assignment
Mueller Co. to Tyco International (US) Inc.**

MARK	REG. DATE	REG. NO.
220	7/7/1964	772,654
AUTOPERF	8/14/1962	735,901
AUTOSAFE	10/16/1962	739,253
CEM-RES	5/14/1940	377,764
CENTURION	12/2/1975	1,026,157
CENTURION	8/1/1995	1,909,149
EZ-SETTER	2/2/1988	1,474,781
EZ-VAULT	6/7/1988	1,490,849
Fire Hydrant Design	4/16/1996	1,967,642
FULL SEAL	1/11/1966	801,650
GAS-PHUSE	6/14/1966	809,772
HI-FLO	4/22/1975	1,009,141
HM	11/30/1897	30,910
HM	9/23/1986	1,410,375
HM	7/5/1927	229,813
HM & Design	8/16/1927	231,322
INNERLOCK LUBOSEAL	7/25/1961	718,816
INSTA-TITE	6/8/1971	912,293
LINESEAL III	2/15/1983	1,227,287
LUBOSEAL Stylized	11/11/1952	566,653
MUELLER	2/6/1912	85,269

MARK	REG. DATE	REG. NO.
MUELLER	9/3/1907	65,052
MUELLER	12/10/1907	66,513
MUELLER	2/6/1951	537,204
MUELLER	12/5/1950	534,196
MUELLER	3/31/1908	68,337
MUELLER & Design	9/24/1940	381,450
MUELLER 110	1/21/1969	863,810
MUELLER 112	12/25/1973	975,318
MUELLER DUROSEAL	2/12/1985	1,318,897
MUELLER PRO-GARD	5/16/2000	2,349,302
NO-BLO	5/3/1955	605,332
ORI-CORP	3/22/1977	1,061,519
ORISEAL Stylized	7/29/1958	664,942
PERFSAFE	5/25/1965	789,887
PIPE-SAVER	7/5/1960	700,377
R & Oval Design	3/30/1976	1,037,084
R & Square Design	3/30/1976	1,037,083
SERVI-SEAL	5/12/1964	769,382
SLIP-HINGE	6/9/1981	1,156,987
THERMA-COIL	9/22/1987	1,458,068
WEDGESEAL Stylized	12/2/1958	670,487
XTRA RANGE	7/11/1972	937,392

ASSIGNMENT OF INTELLECTUAL PROPERTY

This Assignment of Intellectual Property is by and between Mueller Co., an Illinois corporation (hereinafter "MUELLER") and Tyco International (US) Inc., a Massachusetts corporation (hereinafter "TYCO").

WHEREAS, MUELLER has developed, conceived, acquired or otherwise owns, by operation of law, certain intellectual property (hereinafter "Intellectual Property") which includes: (a) all domestic and foreign patents and patent applications (including without limitation, all counterparts thereof in any other country and all reissues, reexaminations, substitutions, divisions, continuations, continuations-in-part, and extensions of the foregoing) (collectively hereinafter "Patents"), which are owned by MUELLER, including the right to claim the benefit of any priority dates or provisional applications relating thereto under any applicable laws, and any substitutes or reissues thereof, for the full term for which the same may be granted specifically including the patents and patent applications identified in Appendix A attached hereto; and (b) all domestic and foreign trademarks, service marks, trade names, trade dress, labels, logos, and all other names and slogans (collectively hereinafter "Trademarks"), associated with any products or embodying associated goodwill of the business of MUELLER related to such products, whether or not registered, and any application or registrations for the trademarks, and any associated goodwill incident thereto, owned by MUELLER, specifically including the Trademarks identified in Appendix B attached hereto; and

WHEREAS, MUELLER wishes to assign such Intellectual Property to TYCO, and TYCO wishes to accept the assignment of such Intellectual Property;

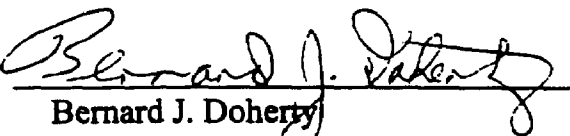
NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, MUELLER hereby assigns and transfers to TYCO all right, title and interest of MUELLER in and to said Intellectual Property, including the right to seek and obtain for TYCO's own benefit injunctive relief and recovery of damages for any past and/or future infringements, including enhanced damages and/or attorney's fees for willful infringement.

MUELLER covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

MUELLER further covenants that MUELLER will, upon TYCO's request, promptly execute and deliver to TYCO, or its legal representative any and all papers or instruments required to maintain and enforce said Intellectual Property which may be necessary or desirable to carry out the purposes hereof.

IN WITNESS WHEREOF, MUELLER and TYCO have executed this assignment as of this 13th day of August, 1999.

MUELLER CO.

By: 
Bernard J. Doherty
Vice President and Secretary

TYCO INTERNATIONAL (US) INC.

By: _____
M. Brian Moroze
General Counsel, Secretary and Clerk

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MUELLER CO.

By: _____
Bernard J. Doherty
Vice President and Secretary

TYCO INTERNATIONAL (US) INC.

By:  _____
M. Brian Moroze
General Counsel, Secretary and Clerk

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MUELLER TRADEMARKS

Farkas & Manelli, P.L.C.	HM/JJ
Ref. 73-571	Mueller PRO-GARD
75/440,196	

Date: 04/14/99
Time: 11:39:59

Country List
by Owner then Country then Mark

Page:

Country: CANADA

Mark	Atty	Case Number	Owner	Status	Registration Number/Date	Next Renewal Date
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TC	DESIGN	05095	MUL	Registered	191950 06/22/73	06/22/03
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Application No.: 348102 Renewal Base Date: 06/22/73 Last Update: 01/22/97
Filing Date: Affidavit of Use: Filed?

Goods:

TRA	RANGE	04654	MUL	Registered	186650 11/17/72	11/17/02
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Application No.: 345744 Renewal Base Date: 11/17/72 Last Update: 06/07/96
Filing Date: 08/30/71 Affidavit of Use: Filed?

Goods:

PIPE CLAMPS SUCH AS SIDE OUTLET SERVICE CLAMPS, PIPE REPAIR CLAMPS, &
CLAMP ACCESSORIES FOR SUCH AS GAS, WATER & OTHER FLUID DISTRIBUTION
SYSTEMS

Date: 04/14/99
Time: 11:40:48

Country List
by Owner then Country then Mark

Page:

Country: UNITED STATES

Mark	Atty	Case Number	Owner	Status	Registration Number/Date	Next Renewal Date
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220		04585	MUL	Registered	772654 07/07/64	07/07/04
Application No.:		72/158414	Renewal Base Date:		07/07/64	Last Update:06/07/96
Filing Date:		12/04/62	Affidavit of Use:		07/07/69	Filed? no

Goods:
PIPE LEAK REPAIR CLAMPS OF FLEXIBLE BAND TYPE.

ADAMS		04586	MUL	Registered	675424 03/17/59	03/17/99
Application No.:		72/51841	Renewal Base Date:		03/17/59	Last Update:06/07/96
Filing Date:		05/19/58	Affidavit of Use:		03/17/64	Filed? no

Goods:
PIPE REPAIR CLAMPS, SIDE OUTLET SERVICE CLAMPS, BROKEN PIPE CLAMPS,
AND CLAMP ACCESSORIES FOR USE ON GAS, OIL, WATER, STEAM AND OTHER
FLUID CONDUCTING LINES.

AUTOPERF		04587	MUL	Registered	735901 08/14/62	08/14/99
Application No.:		72/131301	Renewal Base Date:		08/14/62	Last Update:06/07/96
Filing Date:		11/03/61	Affidavit of Use:		08/14/67	Filed? no

Goods:
SELF-TAPPING SERVICE T.

Date: 04/14/99
Time: 11:39:38

Country List
by Owner then Country then Mark

Page:

Country: CANADA

Mark	Atty	Case Number	Owner	Status	Registration Number/Date	Next Renewal Date
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LUB O SEAL		04644	MUL	Registered	162/41285 12/08/51	12/08/96
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Application No.: 213372 Renewal Base Date: 12/08/51 Last Update: 06/07/96
Filing Date: 12/08/51 Affidavit of Use: Filed?

Goods:
GAS SERVICE STOP

MUELLER		04645	MUL	Registered	78/19191 12/17/13	12/17/08
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Application No.: 077270 Renewal Base Date: 12/17/13 Last Update: 06/14/96
Filing Date: 03/03/03 Affidavit of Use: Filed?

Goods:
PLUMBING AND SUPPLIES; COCKS AND VALVES, METAL-WORKING TOOLS AND
MACHINES; PIPE FITTINGS; SERVICE BOXES; CESSPOOLS; GAS GAS AND WATER
METERS AND FITTINGS THEREFOR, AND HYDRANTS

MUELLER 110		04646	MUL	Registered	163123 05/30/69	05/30/96
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Application No.: 313622 Renewal Base Date: 05/30/69 Last Update: 06/07/96
Filing Date: 05/30/68 Affidavit of Use: Filed?

Goods:
COMPRESSION COUPLINGS AND CONNECTIONS FOR USE ON GAS, OIL, WATER,
STEAM AND OTHER FLUID CONDUCTING LINES.

Date: 04/14/99

Country List

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Time: 11:39:24

by Owner then Country then Mark

Country: CANADA

Mark	Atty	Case Number	Owner	Status	Registration Number/Date	Next Renewal Date
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INNERLOCK LUBOSEAL

		04640	MUL	Registered	130502 04/11/63	04/11/08
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Application No.: 266234
Filing Date: 11/24/61

Renewal Base Date: 04/11/63
Affidavit of Use: Last Update: 06/07/96
Filed?

Goods:
GAS SERVICE STOP COCKS

INSTA-TITE

		04641	MUL	Registered	185765 09/29/72	09/29/02
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Application No.: 347661
Filing Date: 11/08/71

Renewal Base Date: 09/29/72
Affidavit of Use: Last Update: 06/07/96
Filed?

Goods:
PUSH-IN COUPLINGS OR CONNECTIONS FOR USE IN FLUID DISTRIBUTION SYSTEMS

LINESEAL

		04642	MUL	Registered	183781 06/16/72	06/16/02
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Application No.: 338493
Filing Date: 12/07/70

Renewal Base Date: 06/16/72
Affidavit of Use: Last Update: 06/07/96
Filed?

Goods:
VALVES

LINESEAL III

		04643	MUL	Registered	300045 02/15/85	02/15/00
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Application No.: 521579
Filing Date: 05/07/84

Renewal Base Date: 02/15/85
Affidavit of Use: Last Update: 06/07/96
Filed?

Goods:
VALVES

Date: 04/14/99
Time: 11:39:51

Country List
by Owner then Country then Mark

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Country: CANADA

Mark	Atty	Case Number	Owner	Status	Registration Number/Date	Next Renewal Date
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ORISEAL		04650	MUL	Registered	114712 07/17/59	07/17/04
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Application No.: 244722 Renewal Base Date: 07/17/59 Last Update: 06/07/96
Filing Date: 03/13/58 Affidavit of Use: Filed?

Goods:
ROTARY PLUG VALVES

PIPE-SAVER		04651	MUL	Registered	148707 12/30/66	12/30/96
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Application No.: 292659 Renewal Base Date: 12/30/66 Last Update: 06/07/96
Filing Date: 10/21/65 Affidavit of Use: Filed?

Goods:
PIPE REPAIR CLAMPS

SERVI-SEAL		04652	MUL	Registered	148547 12/16/66	12/16/96
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Application No.: 292542 Renewal Base Date: 12/16/66 Last Update: 06/14/96
Filing Date: 10/14/65 Affidavit of Use: Filed?

Goods:
PIPE CLAMPS, FOR USE AS SADDLE OR SERVICE CLAMPS, REPAIR CLAMPS FOR LEAKS, BREAKS, OR SPLITS, OR BRANCH OUTLETS ON A ALL TYPES OF FLUID CONDUCTING PIPE SUCH AS THIN WALL PIPE, ASBESTOS-CEMENT PIPE, STEEL PIPE AND THE LIKE

Date: 04/14/99

Country List

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Time: 11:39:44

by Owner then Country then Mark

Country: CANADA

Mark	Atty	Case Number	Owner	Status	Registration Number/Date	Next Renewal Date
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MUELLER HP

		04647	MUL	Registered	220792 05/27/77	05/27/07
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Application No.: 392140 Renewal Base Date: 05/27/77 Last Update: 06/07/96
Filing Date: 12/05/75 Affidavit of Use: Filed?

Goods:

CORROSIVE PROTECTING &/OR ELECTRICAL INSULATING COATING FOR PIPE FITTINGS, RESILIENT SEATED GATE VALVES, BUTTERFLY VALVES, FIRE HYDRANTS, BACK-FLOW PREVENTERS, CHECK VALVES, LINER STOPPER FITTINGS, TAPPING SLEEVES, STEEL TEES, REPAIR CLAMPS, LEAK CLAMPS, PIPE SADDLES, METER STOPS & THE LIKE.

NO-BLO

		04648	MUL	Registered	102395 01/13/56	01/13/01
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Application No.: 226580 Renewal Base Date: 01/13/56 Last Update: 06/07/96
Filing Date: 09/03/54 Affidavit of Use: Filed?

Goods:

VALVES, STOPS, TEES, CONNECTIONS & FITTINGS

ORI-CORP

		04649	MUL	Registered	228067 05/26/78	05/26/08
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Application No.: 406456 Renewal Base Date: 05/26/78 Last Update: 06/07/96
Filing Date: 01/24/77 Affidavit of Use: Filed?

Goods:

ROTARY PLUG VALVES & THE LIKE

Date: 04/14/99
Time: 11:39:21

Country List
by Owner then Country then Mark

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Country: CANADA

Mark	Atty	Case Number	Owner	Status	Registration Number/Date	Next Renewal Date
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CENTURION		04637	MUL	Registered	229593 08/11/78	08/11/08
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Application No.: 410902 Renewal Base Date: 08/11/78 Last Update: 06/07/96
Filing Date: 05/19/77 Affidavit of Use: Filed?

Goods:
FIRE HYDRANTS & REPLACEMENT PARTS THEREFOR

FULL SEAL		04638	MUL	Registered	156775 05/10/68	05/10/98
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Application No.: 304072 Renewal Base Date: 05/10/68 Last Update: 06/14/96
Filing Date: 04/12/67 Affidavit of Use: Filed?

Goods:
PIPE CLAMPS

GAS-PHUSE		04639	MUL	Registered	380022 02/15/91	02/15/91
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Application No.: 636515 Renewal Base Date: 02/15/91 Last Update: 06/07/96
Filing Date: 07/28/89 Affidavit of Use: Filed?

Goods:
AUTOMATIC SHUT-OFF VALVES WHICH PREVENT EXCESS FLOW OF AIR, GAS OR LIQUID TO THE ATMOSPHERE, OR EXCESS FLOW BETWEEN PRESSURE VESSELS, RECEIVERS AND TANKS

Date: 04/14/99
Time: 11:39:19

Country List
by Owner then Country then Mark

Page: 2

Country: CANADA

Mark	Atty	Case Number	Owner	Status	Registration Number/Date	Next Renewal Date
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220		04634	MUL	Registered	145760 06/10/66	06/10/96
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Application No.: 292543 Renewal Base Date: 06/10/66 Last Update: 06/07/96
Filing Date: 10/14/65 Affidavit of Use: Filed?

Goods:
PIPE LEAK REPAIR CLAMPS OF FLEXIBLE BAND TYPE

AUTOPERF		04635	MUL	Registered	129244 12/28/62	12/28/07
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Application No.: 267522 Renewal Base Date: 12/28/62 Last Update: 06/07/96
Filing Date: 02/12/62 Affidavit of Use: Filed?

Goods:
SELF-TAPPING SERVICE TEES

AUTOSAFE		04636	MUL	Registered	129676 02/01/63	02/01/08
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Application No.: 267521 Renewal Base Date: 02/01/63 Last Update: 06/07/96
Filing Date: 02/12/62 Affidavit of Use: Filed?

Goods:
SAFETY VALVES

Date: 04/14/99
Time: 11:41:06

Country List
by Owner then Country then Mark

Page:

Country: UNITED STATES

Mark	Atty	Case Number	Owner	Status	Registration Number/Date	Next Renewal Date
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GAS-PHUSE		04596	MUL	Registered	809772 06/14/66	06/14/06
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Application No.: 72/182352 Renewal Base Date: 06/14/66 Last Update: 06/14/96
Filing Date: 12/04/63 Affidavit of Use: 06/14/71 Filed? no

Goods:
AUTOMATIC SHUT-OFF VALVE TO PREVENT EXCESS FLOW OF AIR, GAS, OR LIQUIDS TO THE ATMOSPHERE, OR EXCESS FLOW BETWEEN PRESSURE VESSELS, RECEIVERS, AND TANKS.

H.M.		04597	MUL	Registered	30910 11/29/97	11/30/1897
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Application No.: 70/999999 Renewal Base Date: 11/29/97 Last Update: 06/14/96
Filing Date: 09/19/97 Affidavit of Use: 11/28/02 Filed? no

Goods:
FLUID-TRANSMISSION APPLIANCES, AS VALVES, COCKS, PRESSURE REGULATORS, AND TAPPING MACHINES.

HI-FLO		04598	MUL	Registered	1009141 04/22/75	04/22/00
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Application No.: 73/14781 Renewal Base Date: 04/22/75 Last Update: 06/07/96
Filing Date: 03/01/74 Affidavit of Use: 04/22/80 Filed? no

Goods:
FIRE HYDRANTS & REPLACEMENT PARTS THEREFOR.

Date: 04/14/99
Time: 11:41:12

Country List
by Owner then Country then Mark

Page: 1

Country: UNITED STATES

Mark	Atty	Case Number	Owner	Status	Registration Number/Date	Next Renewal Date
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HM AND DESIGN

		04599	MUL	Registered	229813 07/05/27	07/05/07
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Application No.: 71/244565
Filing Date: 02/18/27
Renewal Base Date: 07/05/27
Affidavit of Use: 07/05/32 Filed? no
Last Update: 06/07/96

Goods:
SOLDERING NIPPLES.

OK AND DESIGN

		04600	MUL	Registered	231322 08/16/27	08/16/07
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Application No.: 71/244566
Filing Date: 02/18/27
Renewal Base Date: 08/16/27
Affidavit of Use: 08/16/32 Filed? no
Last Update: 06/07/96

Goods:
VALVES AND COCKS.

M AND DESIGN

		04601	MUL	Registered	1410375 09/23/86	09/23/06
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Application No.: 73/980151
Filing Date: 01/29/86
Renewal Base Date: 09/23/86
Affidavit of Use: 09/23/91 Filed? no
Last Update: 06/07/96

Goods:
FIRE HYDRANTS AND PARTS THEREFOR, NAMELY HYDRANT OPERATING NUTS,
HYDRANT BONNETS, HYDRANT PUMPER NOZZLES, HYDRANT PUMPER NOZZLE
CAPS, HYDRANT UPPER AND LOWER BARRELS, HYDRANT UPPER AND LOWER VALVE
STEMS, HYDRANT SAFETY STEM COUPLINGS, HYDRANT SAFETY FLANGES, HYDRANT
DRAIN VALVE PARTS, HYDRANT MAIN VALVE GASKETS, AND HYDRANT SHOES.

Date: 04/14/99
Time: 11:40:58

Country List
by Owner then Country then Mark

Page: 1

Country: UNITED STATES

Mark	Atty	Case Number	Owner	Status	Registration Number/Date	Next Renewal Date
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EZ-SETTER

		04592	MUL	Registered	1474781 02/02/88	02/02/08
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Application No.:	73/632579	Renewal Base Date:	02/02/88	Last Update:	06/07/96
Filing Date:	11/26/88	Affidavit of Use:	02/02/93	Filed?	no

Goods:

METER BOXES FOR UNDERGROUND METER INSTALLATIONS

EZ-VAULT

		04593	MUL	Registered	1490849 06/07/88	06/07/08
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Application No.:	73/632580	Renewal Base Date:	06/07/88	Last Update:	06/14/96
Filing Date:	11/26/86	Affidavit of Use:	06/07/93	Filed?	no

Goods:

FIRE HYDRANT (DESIGN)

		04594	MUL	Registered	1967642 04/16/96	04/16/06
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Application No.:	74/474699	Renewal Base Date:		Last Update:	04/14/96
Filing Date:	12/30/93	Affidavit of Use:	04/16/01	Filed?	no

Goods:

FULL SEAL

		04595	MUL	Registered	801650 01/11/66	01/11/06
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Application No.:	72/158761	Renewal Base Date:	01/11/66	Last Update:	06/07/96
Filing Date:	12/10/62	Affidavit of Use:	01/11/71	Filed?	no

Goods:

PIPE CLAMPS

Date: 04/14/99
Time: 11:40:52

Country List
by Owner then Country then Mark

Page:

Country: UNITED STATES

Mark	Atty	Case Number	Owner	Status	Registration Number/Date	Next Renewal Date
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AUTOSAFE		04588	MUL	Registered	739253 10/16/62	10/16/02
Application No.:		72/131300	Renewal Base Date:		10/16/62	Last Update:06/07/96
Filing Date:		11/03/61	Affidavit of Use:		10/16/67	Filed? no

Goods:
SAFETY VALVE.

CEM-RES		04589	MUL	Registered	377764 05/14/40	05/14/00
Application No.:		71/426341	Renewal Base Date:		05/14/40	Last Update:06/07/96
Filing Date:		12/07/39	Affidavit of Use:		05/14/45	Filed? no

Goods:
COMBINATION TOOL FOR DRILLING, TAPPING, AND REAMING IN METAL AND OTHER MATERIAL WORKING.

CENTURION		04590	MUL	Registered	1026157 12/02/75	12/02/05
Application No.:		73/45481	Renewal Base Date:		12/02/75	Last Update:06/07/96
Filing Date:		02/28/75	Affidavit of Use:		12/02/80	Filed? no

Goods:
FIRE HYDRANTS & REPLACEMENT PARTS THEREFOR.

CENTURION		04591	MUL	Registered	1909149 08/01/95	08/01/05
Application No.:		74/275264	Renewal Base Date:			Last Update:04/14/99
Filing Date:		05/14/92	Affidavit of Use:		08/01/00	Filed? no

Goods:

Date: 04/14/99

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LINESEAL III

		04605	MUL	Registered	1227287 02/15/83	02/15/03
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Application No.: 73/276683 Renewal Base Date: 02/15/83 Last Update: 06/07/96
Filing Date: 09/04/80 Affidavit of Use: 02/15/88 Filed? no

Goods:
VALVES.

LUBOSEAL AND DESIGN

		04606	MUL	Registered	566653 11/11/52	11/11/01
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Application No.: 71/619028 Renewal Base Date: 11/11/52 Last Update: 06/14/96
Filing Date: 09/20/51 Affidavit of Use: 11/11/57 Filed? no

Goods:
GAS SERVICE STOP COCKS

MUELLER

		04607	MUL	Registered	65052 09/03/07	09/03
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Application No.: 71/28029 Renewal Base Date: 09/03/07 Last Update: 06/07/96
Filing Date: 06/10/07 Affidavit of Use: 09/03/12 Filed? no

Goods:
REGULATING & BALANCE VALVES FOR STEAM AIR WATER & GAS DISTRIBUTION &
THE PARTS OF THE SAME.

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INNERLOCK LUBOSEAL

04602	MUL	Registered	718816	07/25/01
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Application No.: 72/106123	Renewal Base Date: 07/25/61	Last Update: 06/07/96
Filing Date: 10/10/60	Affidavit of Use: 07/25/66	Filed? no

Goods:
GAS SERVICE STOP COCKS.

INSTA-TITE

04603	MUL	Registered	912293	09/08/01
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Application No.: 72/369589	Renewal Base Date: 06/08/71	Last Update: 06/07/96
Filing Date: 09/01/70	Affidavit of Use: 06/08/76	Filed? no

Goods:
PUSH IN COUPLINGS OR CONNECTION FOR USE IN FLUID DISTRIBUTION SYSTEMS.

LINESEAL II

04604	MUL	Abandoned	1083840	01/31/98
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Application No.: 73/131749	Renewal Base Date: 01/31/78	Last Update: 01/19/98
Filing Date: 06/24/77	Affidavit of Use: 01/28/83	Filed? no

Goods:
VALVES.

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MUELLER

		04610	MUL	Registered	537204 02/06/51	02/06/01
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Application No.: 71/545153 Renewal Base Date: 02/06/51 Last Update: 06/14/96
Filing Date: 12/22/47 Affidavit of Use: 02/06/56 Filed? no

Goods:

PLUMBING EQUIPMENT & PARTS THEREOF-NAMELY, BRASS, IRON, & STEEL PLUGS, SOLDERING NIPPLES & UNIONS, UNION COUPLINGS, LEAD FLANGE CONNECTIONS, BRANCH CONNECTIONS, GOOSENECKS, SERVICE BOXES & INCREASES THEREFOR, SERVICE BOX SHUT-OFF RODS, SERVICE BOX REPAIR LIDS, SERVICE CLAMPS, WATER METER YOKES, METER BOX COVERS, T'S, PRESSURE REDUCING AND REGULATING VALVES AND PARTS THEREOF, PRESSURE & TEMPERATURE RELIEF VALVES & PARTS THEREOF BRASS & IRON GAS STOPS, GAS STOVE STOPS, GAS HOSE STOPS, GAS METER CONNECTIONS, GAS METER SWIVELS, GAS SERVICE T'S & PLUGS THEREFOR, GAS SAFETY NIPPLES & PLUGS THEREFOR, GAS PIN-OFF T'S, RUBBER PLUGS FOR T'S & NIPPLES, LAVATORY, BATH & SINK, LAWN, LAUNDRY & LABORATORY FAUCETS, COMBINED DRAINS & OVERFLOWS, TRAPS FOR BATH TUBS, LAVATORIES, SINKS & LAUNDRY TUBS, SHOWER STALLS & PARTS THEREOF, COMBINED TRAP SCREWS & FERRULES, BUILT-IN VALVES, SUPPLY PIPES FOR BATH, LAVATORY & SINK FAUCETS, DRAIN & VENT CONNECTIONS, TRAP COVERS, SLIP JOINT T'S, ELBOW T'S AND BENDS, TRAP SCREWS, REDUCING T'S COMBINED T'S & ELBOWS, SLIP JOINT UNION COUPLINGS, FLOOR FLANGES, FAUCET TAILPIECES, COCK HOLE COVERS, BATH, BASIN & SINK STOPPERS, HOSE COUPLINGS, & BUSHINGS, CHECK VALVES, BOILER COUPLINGS, LAVATORY STOPS, SEE FILE.....

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MUELLER

		04608	MUL	Registered	66513 12/10/07	12/10/07
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Application No.:	71/28028	Renewal Base Date:	12/10/07	Last Update:	06/07/96
Filing Date:	06/10/07	Affidavit of Use:	12/10/12	Filed?	no

Goods:
BRASS & IRON PIPE-FITTINGS.

MUELLER

		04609	MUL	Registered	68337 03/31/08	03/31/08
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Application No.:	71/31637	Renewal Base Date:	03/31/08	Last Update:	06/07/96
Filing Date:	12/09/07	Affidavit of Use:	03/28/13	Filed?	no

Goods:
TAPPING MACHINES FOR WATER AND GAS MAINS.

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MUELLER

		04613	MUL	Registered	534196 12/05/50	12/05/00
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Application No.: 71/545154
Filing Date: 12/22/47
Renewal Base Date: 12/05/50
Affidavit of Use: 12/05/55 Filed? no
Last Update: 06/14/96

Goods:

TAPPING MACHINGS AND PARTS THEREFOR, DRILLING MACHINES AND PARTS THEREOF, SOLID AND SHELL DRILLS, COMBINED DRILLS AND TAPS, CALKING TOOLS, TAPPING SLEEVES, PIPE JOINTERS, COKE RAKE HEADS, CORPORATION STOP EXTRACTING TOOLS, HAMMERS, CHISELS, PIPE CUTTING TOOLS, CORPORATION STOP INSERTING TOOLS, LEAD FLANGING MACHINES, PIPE END REAMERS, AND FLOOR STANDS.

MUELLER 110

		04614	MUL	Registered	863810 01/21/69	01/21/09
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Application No.: 72/292493
Filing Date: 03/05/68
Renewal Base Date: 01/21/69
Affidavit of Use: 01/21/74 Filed? no
Last Update: 06/07/96

Goods:

COMPRESSION COUPLINGS AND CONNECTIONS FOR USE ON GAS, OIL, WATER, STEAM, AND OTHER FLUID CONDUCTING LINES.

MUELLER 112

		04615	MUL	Registered	975318 12/25/73	12/25/03
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Application No.: 72/412817
Filing Date: 01/17/72
Renewal Base Date: 12/25/73
Affidavit of Use: 12/25/78 Filed? no
Last Update: 06/07/96

Classes: 06

Goods:

COMPRESSION CONNECTION FOR FLUID DISTRIBUTION SYSTEMS

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MUELLER HT

		04619	MUL	Registered	1610368 08/21/90	08/21/00
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Application No.: 73/641552 Renewal Base Date: 08/21/90 Last Update: 06/07/96
 Filing Date: 01/28/87 Affidavit of Use: 08/21/95 Filed? no

Classes: 06
 Goods:
 BUTTERFLY VALVE ACTUATORS

MUELLER LUB-O-LOK

		04620	MUL	Registered	1692399 06/09/92	06/09/02
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Application No.: 74/84771 Renewal Base Date: 06/09/92 Last Update: 07/08/97
 Filing Date: 08/03/90 Affidavit of Use: 06/09/97 Filed? no

Classes: 06
 Goods:
 MANUALLY OPERATED GAS SERVICE LINE VALVES

MUELLER PRO-GARD

		06009	MUL	Pending		
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Application No.: 75/440196 Renewal Base Date: Last Update: 04/14/99
 Filing Date: 02/25/98 Affidavit of Use: Filed?

Goods:

MUELLER TAMP-R-LOK

		04621	MUL	Registered	1692398 06/09/92	06/09/02
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Application No.: 74/84768 Renewal Base Date: 06/09/92 Last Update: 07/08/97
 Filing Date: 08/03/90 Affidavit of Use: 06/09/97 Filed? no

Classes: 06
 Goods:
 MANUALLY OPERATED GAS SERVICE LINE VALVES

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MUELLER CO. SINCE 1857 QUALIT

04616	MUL	Registered	676868	04/14/09
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Application No.: 72/56340 Renewal Base Date: 04/14/59 Last Update: 06/07/96
Filing Date: 07/30/58 Affidavit of Use: 04/14/64 Filed? no

Goods:

GAS AND WATER STOPS AND VALVES, SERVICE T'S, SERVICE CLAMPS, METER COUPLINGS, AND REGULATING VALVES AND PARTS THEREOF

MUELLER DUROSEAL

04617	MUL	Registered	1318897	02/12/05
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Application No.: 73/465766 Renewal Base Date: 02/12/85 Last Update: 06/07/96
Filing Date: 02/15/84 Affidavit of Use: 02/12/90 Filed? no

Goods:

METAL MANUALLY-OPERATED SOFT SEATED GAS VALVES.

MUELLER HP

04618	MUL	Registered	1041577	06/22/96
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Application No.: 73/62753 Renewal Base Date: 06/22/76 Last Update: 06/07/96
Filing Date: 09/11/75 Affidavit of Use: 06/22/81 Filed? no

Goods:

CORROSIVE PROTECTING AND/OR ELECTRICAL INSULATING COATING FOR PIPE FITTINGS, RESILIENT SEATED GATE VALVES, BUTTERFLY VALVES, FIRE HYDRANTS, BACKFLOW PREVENTERS, CHECK VALVES, LINER STOPPER FITTINGS, TAPPING SLEEVES, STEEL TEES, REPAIR CLAMPS, LEAK CLAMPS, PIPE SADDLES, METER STOPS, AND THE LIKE.

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XTRA RANGE

		05096	MUL	Registered	937392 07/11/72	07/11/02
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Application No.: 72/393670 Renewal Base Date: 07/11/72 Last Update: 01/22/97
Filing Date: 06/01/71 Affidavit of Use: 07/11/77 Filed? no

Classes: 06

Goods:

PIPE CLAMPS SUCH AS SIDE OUTLET SERVICE CLAMPS, PIPE REPAIR CLAMPS,
AND CLAMP ACCESSORIES FOR SUCH AS GAS, WATER AND OTHER FLUID
DISTRIBUTION SYSTEMS

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NEOPRESS		04622	MUL	Registered	668982 10/28/58	10/28/98
Application No.:		72/45717	Renewal Base Date:		10/28/58	Last Update:06/07/96
Filing Date:		02/12/58	Affidavit of Use:		10/28/63	Filed? no

Goods:
GASKETS

NO-BLO		04623	MUL	Registered	605332 05/03/55	05/03/05
Application No.:		71/664458	Renewal Base Date:		05/03/55	Last Update:06/07/96
Filing Date:		04/13/54	Affidavit of Use:		05/03/60	Filed? no

Goods:
VALVES, STOPS, T'S, CONNECTIONS, AND FITTINGS.

ORI-CORP		04624	MUL	Registered	1061519 03/22/77	03/22/97
Application No.:		73/96913	Renewal Base Date:		03/22/77	Last Update:06/07/96
Filing Date:		08/17/76	Affidavit of Use:		03/22/82	Filed? no

Goods:
ROTARY PLUG VALVES AND THE LIKE.

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ORISEAL		04625	MUL	Registered	664942 07/29/58	07/29/98
Application No.:		72/37362	Renewal Base Date:		07/29/58	Last Update:06/07/96
Filing Date:		09/17/57	Affidavit of Use:		07/28/63	Filed? no

Goods:
ROTARY PLUG VALVES

PERFSAFE		04626	MUL	Registered	789887 05/25/65	05/25/05
Application No.:		72/187129	Renewal Base Date:		05/25/65	Last Update:06/07/96
Filing Date:		02/20/64	Affidavit of Use:		05/25/70	Filed? no

Goods:
SELF-TAPPING SERVICE T'S HAVING AUTOMATIC SHUT-OFF VALVES ASSOCIATED
THEREWITH TO PREVENT FLOW OF AIR, GAS, OR LIQUIDS.

PIPE-SAVER		04627	MUL	Registered	700377 07/05/60	07/05/
Application No.:		72/87172	Renewal Base Date:		07/05/60	Last Update:06/07/96
Filing Date:		12/14/59	Affidavit of Use:		07/05/65	Filed? no

Goods:
PIPE REPAIR CLAMPS

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R AND DESIGN

		06457	MUL	Registered	1037083 03/30/76	03/30/06
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Application No.: 72/378036 Renewal Base Date: Last Update: 04/14/99
Filing Date: 12/07/70 Affidavit of Use: 03/28/81 Filed? yes

Classes: 06,11

Goods:

GATE VALVES, GLOBE VALVES, CHECK VALVES, OIL TANK VALVES, WATER
SOFTENER VALVES, PLUG VALVES (GAS STOPS), PRESSURE REGULATORS,
FAUCETS, AND BALL COCKS.

R AND DESIGN

		06458	MUL	Registered	1037084 03/30/76	03/30/06
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Application No.: 72/378037 Renewal Base Date: Last Update: 04/14/99
Filing Date: 12/07/70 Affidavit of Use: 03/28/81 Filed? yes

Classes: 06,11

Goods:

PLUG VALVES (GAS STOPS).

SERVI-SEAL

		04628	MUL	Registered	769382 05/12/64	05/12/04
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Application No.: 72/151864 Renewal Base Date: 05/12/64 Last Update: 06/07/96
Filing Date: 08/27/62 Affidavit of Use: 05/12/69 Filed? no

Goods:

PIPE PRODUCTS-NAMELY, PIPE CLAMPS, FOR USE AS SADDLE OR SERVICE
CLAMPS, REPAIR CLAMPS FOR LEAKS, BREAKS, OR SPLITS, OR BRANCH OUTLETS
ON ALL TYPES OF FLUID CONDUCTING PIPES SUCH AS THIN WALL PIPE,
ASBESTOS-CEMENT PIPE, STEEL PIPE, AND THE LIKE.

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SLIP-HINGE

		04629	MUL	Registered	1156987 06/09/81	06/09/01
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Application No.: 73/255327 Renewal Base Date: 06/09/81 Last Update: 06/07/96
Filing Date: 03/24/80 Affidavit of Use: 06/09/86 Filed? no

Goods:

SERVICE CLAMPS SUCH AS SADDLE CLAMPS, SIDE OUTLET CLAMPS AND PIPE REPAIR CLAMPS FOR GAS, WATER, OIL, STEAM AND OTHER FLUID DISTRIBUTION SYSTEMS.

THERMAL-COIL

		04630	MUL	Registered	1458068 09/22/87	09/22/07
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Application No.: 73/632578 Renewal Base Date: 09/22/87 Last Update: 06/14/96
Filing Date: 11/26/86 Affidavit of Use: 09/22/92 Filed? no

Goods:

METER BOX HOUSING FOR FLUID METERS SUCH AS WATER AND GAS HAVING EXTENDABLE METER BOX CONNECTORS.

WEDGESEAL

		06456	MUL	Registered	670487 12/02/58	12/02,
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Application No.: Renewal Base Date: Last Update: 04/14/99
Filing Date: 03/10/95 Affidavit of Use: 12/02/63 Filed? yes

Classes: 06

Goods:

INSULATED PIPE UNIONS AND REGID METER BARS WITH INSULATED PIPE UNIONS.

MUELLER, MADISON
 & SUTKO
 1000 17th St
 St. Louis, Mo 63103

US & Foreign Trademark Cases by Client
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Owner: MUELLER CO Classes: 6 Goode:	ARGENTINA MUELLER (Mark: No. 112287)	01/21/1951 195081	08/01/1951 1578449	10/12/2005		REGISTERED
Owner: MUELLER CO Classes: 5 Goode: CLASS 7: MACHINES FOR WASHING, WRINGING, CLEANING, WAXING AND POLISHING; MACHINES FOR BRUING CLOTHES; MACHINES AND APPARATUS FOR PRINTING AND BOOK BINDING; KITCHEN MACHINES FOR MIXING, MASHING, CRUSHING, EXTRACTING JUICE, GRINDING, HEATING AND BLENDING; LIFTS, ELEVATORS, CRANES, JACKS, TRANSMISSION BELTS, ELECTRIC ENGINES, DYNAMOS, ELECTRIC ALTERNATORS AND GENERATORS, SPARK PLUGS FOR ENGINES; MACHINES, MACHINES FOR STRAPPING OR DISTRIBUTING; INJECTION-OPERATED PISTONS, PISTONS, LATEST DESIGN AND PROJECTS FOR FILING PLANTS, AND SEEDS; BELTS FOR CONVEYORS; MACHINES FOR GRINDING AND ELECTRIC SCISSORS; SHARPENING MACHINES AND GRINDSTONES THEREFOR; MANUALLY OPERATED HAND TOOLS; ESCALATORS; CONVEYOR BELTS; BRAKE SHOES; SECTIONS AND PAIRS FOR VEHICLES OTHER THAN LAND VEHICLES; CENTRIFUGAL DRYERS; MECHANICAL SQUEEZERS; MACHINES FOR CURLING; RO MAVING; THE HAIR AND APPARATUS WHICH FORM PART OF SAID MACHINES; WEAVING AND CUTTING APPARATUS	ARGENTINA MUELLER (Mark: No. 112288)	01/23/1951 195084	06/03/1976 1642294	08/22/2007		REGISTERED
Owner: MUELLER CO Classes: 6 Goode: PILES & FITTINGS IN THIS CLASS INCLUDING PUSH IN CONDUITS OR CONNECTIONS FOR USE IN FLUID DISTRIBUTION SYSTEMS	AUSTRALIA INSTA TITE (Mark: No. 112281)	11/11/1971 253532	11/11/1971 8253532	11/11/2006		REGISTERED

TRADEMARK

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<p>Owner: MUELLER CO Classes: 6, 7, 8, 9, 11 Goods: CLASS 6: TERMINAL PLUGS; (CONNECTINGS; TEES & FITTINGS; ALL OF METAL, FOR PIPELINES; CLASS 7: DRILLING & TAPPING; MACHINES FOR USE IN LAYING & CONNECTING PIPELINES; ELECTRIC & COMPRESSED AIR MOTORS, & COMBUSTION ENGINES FOR DRIVING SAID AIR MOTORS, & COMBUSTION ENGINES FOR DRIVING SAID DRILLING & TAPPING MACHINES; RELIEF VALVES, SAFETY VALVES, SHUT OFF VALVES & CHECKS (ALL BEING PARTS OF MACHINES) FOR GAS, OIL, STEAM & COMPRESSED AIR; PARTS & FITTINGS OF ALL THE ABOVEMENTIONED GOODS, IN AS FAR AS INCLUDED IN THIS CLASS; CLASS 8: DRILLING & TAPPING MACHINES (MANUALLY OPERATED), FOR USE IN LAYING & CONNECTING PIPELINES; TOOLS FOR PUTTING PARTS OF PIPELINES INTO & OUT OF OPERATION; PARTS & FITTINGS OF ALL THE ABOVEMENTIONED GOODS, IN AS FAR AS INCLUDED IN THIS CLASS; EXTENSIVE LIST OF GOODS, SEE FILE Owner: MUELLER CO Classes: 6, 7, 8, 9, 11 Goods: CLASS 6: TERMINAL PLUGS; (CONNECTINGS; SELF TAPPING & OTHER TEES AS WELL AS FITTINGS, ALL METAL, FOR PIPELINES; CLASS 7: DRILLING & TAPPING MACHINES FOR USE IN LAYING & CONNECTING PIPELINES; ELECTRIC & COMPRESSED AIR MOTORS, & COMBUSTION ENGINES FOR DRIVING SAID DRILLING & TAPPING MACHINES; PARTS & FITTINGS OF ALL THE ABOVEMENTIONED GOODS, IN AS FAR AS INCLUDED IN THIS CLASS OF GOODS; CLASS 8: DRILLING & TAPPING MACHINES (MANUALLY OPERATED) FOR USE IN LAYING & CONNECTING PIPELINES; TOOLS FOR PUTTING PARTS OF PIPELINES INTO & OUT OF OPERATION; PARTS & FITTINGS OF ALL THE ABOVEMENTIONED GOODS, IN AS FAR AS INCLUDED IN THIS CLASS OF GOODS; CLASS 9: AUTOMATIC SHUT-OFF VALVES & PARTS THEREOF; CLASS 11: SEE FILE FOR REMAINDER OF GOODS</p>	<p>HENELIX MUELLER (Matter No. 111290)</p>	<p>11/10/1971 559261</p>	<p>11/10/1971 076994</p>	<p>11/10/1999</p>		<p>REGISTERED</p>
<p>Owner: MUELLER CO Classes: 6, 7, 8, 9, 11 Goods: CLASS 6: TERMINAL PLUGS; (CONNECTINGS; SELF TAPPING & OTHER TEES AS WELL AS FITTINGS, ALL METAL, FOR PIPELINES; CLASS 7: DRILLING & TAPPING MACHINES FOR USE IN LAYING & CONNECTING PIPELINES; ELECTRIC & COMPRESSED AIR MOTORS, & COMBUSTION ENGINES FOR DRIVING SAID DRILLING & TAPPING MACHINES; PARTS & FITTINGS OF ALL THE ABOVEMENTIONED GOODS, IN AS FAR AS INCLUDED IN THIS CLASS OF GOODS; CLASS 8: DRILLING & TAPPING MACHINES (MANUALLY OPERATED) FOR USE IN LAYING & CONNECTING PIPELINES; TOOLS FOR PUTTING PARTS OF PIPELINES INTO & OUT OF OPERATION; PARTS & FITTINGS OF ALL THE ABOVEMENTIONED GOODS, IN AS FAR AS INCLUDED IN THIS CLASS OF GOODS; CLASS 9: AUTOMATIC SHUT-OFF VALVES & PARTS THEREOF; CLASS 11: SEE FILE FOR REMAINDER OF GOODS</p>	<p>HENELIX (Matter No. 111110)</p>	<p>11/10/1971 559275</p>	<p>11/10/1971 077012</p>	<p>11/10/2004</p>		<p>REGISTERED</p>

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Owner/Classes/Goods	Country / Mark	Application	Registration	Renewal	Next Action	Status
Owner: MUELLER CO Classes: 17 Goods: MILLING; MATERIAL IN GENERAL, WATER AND GAS DISTRIBUTING APPARATUS; FIRE EXTINGUISHERS; PIPES, TUBES & CONNECTIONS OF ALL KINDS	BRAZIL, MUELLER (Mark No. 111291)	10/23/1916 13186	08/21/1915 2656017	08/21/2000		REGISTERED
Owner: MUELLER CO Classes: 19 Goods: PIPES, TUBES AND CONNECTIONS OF ALL KINDS EXCLUDING THOSE FOR HYDRAULIC GAS	BRAZIL, MUELLER (Mark No. 111277)	03/03/1901 UNKNOWN	08/21/1970 5029201	08/21/2000		REGISTERED
Owner: MUELLER CO Classes: 6 Goods: (WHEELS); LEAD FLAME CONNECTIONS; BRAKE CONNECTIONS; GARDENHOSES; SERVICE HOX SHOT OFF HOSES; SERVICE HOX REPAIR LINES; WATER METER TONES; METER HOX COVERS; TENS; PARTS; SERVICE TENS & PIPES; ANGLE VALVES; STOP & DRAIN VALVES; THREE WAY VALVES; LABORATORY VALVES & FITTINGS; COMPANION STOPS; ADAPTER NIPPLES; LINE STOPS; COPPER PIPE & FITTINGS; THIRRDY; SPLIT REPAIR SLEEVES; LUBRICATED FLM; STOPS; GATE VALVES & PARTS THEREOF; SLICE GATES; SHEAR GATES; BENCH STAMPS; VALVE BOXES & PIPE LINE STOPPERS STAMPS; VALVE BOXES & PIPE LINE STOPPERS	COLOMBIA MUELLER (Mark No. 111292)	04/01/1957 UNKNOWN	06/21/1957 19014	06/20/2002		REGISTERED
Owner: MUELLER CO Classes: 7 Goods: TAPPING; MACHINES & PARTS THEREOF; DRILLING MACHINES & PARTS THEREOF; SOLID & SHELL DRILLS; COMBINED DRILLS & TAPS; TAP; PING; SLEEVES; CORPORATION STOP EXTRACTING; TOOLS; PLANK STANDS	COLOMBIA MUELLER (Mark No. 111291)	04/01/1957 55420	06/21/1957 19011	06/20/2002		REGISTERED

TRADEMARK

PELLICHERY, MADISON
& SHERO
Int'l Corp 611

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Client: MUELLER CO (FOREIGNS)

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Owner/Classes/Goods	Country / Mark	Application	Registration	Renewal	Next Action	Status
Owner: MUELLER CO Classes: 6 Goods: REGULATING AND DISTRIBUTING VALVES	FRANCE MUELLER (Mark No. 1112961)	07/02/1977 49014	07/02/1977 1201061	04/08/2002		REGISTERED
Owner: MUELLER CO Classes: 6, 7, 11 Goods:	FRANCE NO BLD (Mark No. 1113111)	12/11/1968 71726	12/11/1968 1496060	04/11/1998		REGISTERED
Owner: MUELLER CO Classes: 6, 7, 11 Goods: VALVES, STOPS, T'S, CONNECTIONS AND FITTINGS	FRANCE NO BLD & DESIGN (Mark No. 1113191)	12/11/1968 71725	12/11/1968 1496061	04/11/1998		REGISTERED
Owner: MUELLER CO Classes: 6 Goods: PUMP IN COUPLERS OR CONNECTIONS; ALL MADE WHOLLY OR PARTIALLY OF COMMON METAL & INCLUDED IN CLASS 6; & FOR USE IN FLUID DISTRIBUTION SYSTEMS	GB INSTA TITE (Mark No. 1112861)	10/14/1971 981828	10/14/1971 H981828	10/14/2006		REGISTERED
Owner: MUELLER CO Classes: 6 Goods: PIPE FITTINGS; TEES; STOPS; SANITERS; METAL VALVES; LINE STOPPER FITTINGS; METAL CLAMPS FOR REPAIRING; PIPE LEAKS; & STOPPER CHAMBERS; & PARTS OF & ACCESSORIES FOR ALL THE ABOVE SAID GOODS INCLUDED IN CLASS 6	GB MUELLER (Mark No. 1112971)	05/10/1979 1115043	05/10/1979 B1115043	05/10/2000		REGISTERED
Owner: MUELLER CO Classes: 7 Goods: UNDERPRESSURE DRILLING MACHINES; UNDERPRESSURE STOPPING MACHINES; UNDERPRESSURE DRILLING & TAPPING MACHINES; DRILLING NIPPLES; & PARTS OF & ACCESSORIES FOR ALL THE ABOVE SAID GOODS INCLUDED IN CLASS 7	GB MUELLER (Mark No. 1112981)	05/30/1979 1115044	05/30/1979 B1115044	05/30/2000		REGISTERED

PLEASURY, MADISON
& SUTRO
Int'l Corp 6.1

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Owner/Classes/Goods	Country / Mark	Application	Registration	Renewal	Next Action	Status
Owner: MUELLER CO Classes: 7 Goods: MACHINES & POWER OPERATED HAND HELD TOOLS, ALL FOR TAPPING; SCREW THREADS &/OR FOR DRILLING, & TAPS & DRILLS FOR USE WITH SUCH MACHINES & TOOLS	CHN MO D1D (Mark: No. 111112)	01/15/1967 906805	03/15/1967 906805	03/05/2002		REGISTERED
Owner: MUELLER CO Classes: 8 Goods: HAND TOOLS FOR TAPPING SCREW THREADS &/OR FOR DRILLING, & TAPS & DRILLS FOR USE WITH SUCH TOOLS; WRENCHES & PIPE GRIPS, ALL BEING HAND TOOLS	CHN MO D1D (Mark: No. 111111)	03/15/1967 906806	03/15/1967 906806	03/15/2002		REGISTERED
Owner: MUELLER CO Classes: 7 Goods: KUDJAKY PAK: VALVES	GERMANY MARK II GRISEAL (Mark: No. 111280)	09/28/1965 M25101/21WZ	09/28/1965 810291	09/28/2005		REGISTERED
Owner: MUELLER CO Classes: 8 Goods: (MUTUAL VALVES, REGULATORS, PRESSURE &/OR TEMPERATURE RELIEF VALVES, FITTINGS FOR LIQUID & GAS COMMITTS, & HAND & POWER TOOLS FOR INSTALLING & MAINTAINING; SAME, & PARTS OF ALL ABOVE MENTIONED GOODS)	GERMANY MUELLER (Mark: No. 111299)	04/23/1958 M15134/21WZ	05/12/1960 716625	04/23/1998		REGISTERED
Owner: MUELLER CO Classes: 6 Goods: VALVES, STOPS, T.S. CONNECTIONS, & FITTINGS	GERMANY MO D1D (Mark: No. 111314)	11/26/1968 M10444/6WZ	10/20/1970 874144	11/26/1998		REGISTERED
Owner: MUELLER CO Classes: 6 Goods: VALVES, STOPS, T.S. CONNECTIONS & FITTINGS	GERMANY MO D1D & DESIGN (Mark: No. 111320)	11/26/1968 M10444/6WZ	10/20/1970 874145	11/26/1998		REGISTERED

TRADEMARK

PELLEGRINO, MAULISSON
& SUTTER
Intellectual Property

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Owner/Classes/Goods	Country / Mark	Application	Registration	Renewal	Next Action	Status
Owner: MUELLER CO Classes: 6, 7, 8, 9, 11 Goods: CONTROL VALVES, REGULATOR, PRESSURE &/OR TEMPERATURE RELIEF VALVES, & PARTS THEREOF & ATTACHMENTS THEREFOR; FITTINGS FOR LIQUID & GAS CONDUITS, & HAND & POWER TOOLS FOR INSTALLING MAINTAINING SAME & PARTS THEREOF	ITALY MUELLER (Mark No. 1111011)	07/02/1958 46/123	05/28/1987 156469	07/02/2008		REGISTERED
Owner: MUELLER CO Classes: 7 Goods: ATTACHMENT AND FIXING APPARATUS FOR GAS, WATER STEAM AND DRAINAGE WORKS; TAPPING DEVICES FOR GAS AND WATER MAIN PRESSURE PARTS THEREOF; AS WELL AS ALL OTHER GOODS IN CLASS 7	JAPAN MUELLER (Mark No. 1111021)	01/03/1903 17490	12/11/1912 56491	06/11/2002		REGISTERED
Owner: MUELLER CO Classes: 6, 7, 9, 11, 16 Goods: CLASS 6: STEEL RAILS AND THEIR ALLOYS RAILWAY MATERIAL OF METAL, IRON OR METAL CLASS 7: MATERIALS OF THE USE IN PRINTING; AND DRILLING RIGS CLASS 9: ELECTRIC METALS OF ALL KINDS CLASS 16: TYPOGRAPHIC CHARACTERS	MEXICO MUELLER (Mark No. 1111011)	11/10/1954 65627	08/20/1956 86059	11/10/2004		REGISTERED
Owner: MUELLER CO Classes: 11 Goods: ARTICLES OF HARDWARE	MEXICO MUELLER (Mark No. 1111041)	10/14/1912 UNKNOWN	10/14/1912 12684	10/14/2002		REGISTERED
Owner: MUELLER CO Classes: 11 Goods: FAUCETS & VALVES	MEXICO MUELLER (Mark No. 1111051)	12/22/1908 UNKNOWN	12/22/1908 8817	12/22/2001		REGISTERED

PHILIPPINE, MADISON
& SUTKO
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Owner/Classes/Goods	Country / Mark	Application	Registration	Renewal	Next Action	Status
Owner: MUELLER CO Classes: 6 Goods: CLASS 6: METALLIC PIPES & TUBES; PIPE CONNECTIONS; JOINTS, JOINTINGS, & WISH IN COMPLIANCE, ALL MADE PREVIOUSLY OF METAL	MZ INSTA TITE (Matter No. 111295)	10/20/1971 98668	10/20/1971 89668	10/20/2006		REGI STERED
Owner: MUELLER CO Classes: 15, 24 Goods:	PHILIPPINE MUELLER (Matter No. 111306)	06/06/1968 SR 1360	11/07/1968 SR 1029	11/07/2008		REGI STERED
Owner: MUELLER CO Classes: 6 Goods: VALVES, STUBS, T'S, CONNECTIONS AND FITTINGS	SPAIN NO B/D (Matter No. 111316)	12/10/1968 576843	05/21/1973 576843	12/10/1998		REGI STERED
Owner: MUELLER CO Classes: 6 Goods: VALVES, STUBS, T'S, CONNECTIONS & FITTINGS	SPAIN NO B/D & DESIGN (Matter No. 111321)	12/10/1968 576842	05/21/1973 576842	12/10/1998		REGI STERED

TRADEMARK

PHILADELPHIA, MADISON
& SUTRO
Philadelphia

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Owner/Classes/Goods	Country / Mark	Application	Registration	Renewal	Next Action	Status
Owner: MUELLER CO Classes: 11 Goods: WELDING EQUIPMENT & PARTS THEREOF, NAMELY, BRASS, IRON, & STEEL WELDS, SOLDING; NIPPLES & UNIONS; UNION COUPLINGS, LEAD FLAME CONNECTIONS, BRANCH CONNECTIONS, GASENECKS, SERVICE IRONS & INSTRUMENTS THEREFOR, SERVICE HOSE SHUT OFF RINGS, SERVICE HOSE REPAIR LIPS, SERVICE CLAMPS, WATER METER YOKES, WATER HOSE COVERS, T-S, PRESSURE REGULATING & REGULATING VALVES & PARTS THEREOF, PRESSURE & TEMPERATURE RELIEF VALVES, PARTS THEREOF, BRASS & IRON GAS STOPS, GAS METER CUMMETS, GMS, GAS METER SWIVELS, GAS SERVICE T-S & UNIONS THEREFOR, GAS SAFETY NIPPLES & PLUMBS THEREFOR, GAS PIN OFF T-S, NUMEROUS FOR T-S & NIPPLES, FAUCETS, CHECK VALVES, SERVICE T-S & PLUMBS, SAFETY NIPPLES & BURNS, AMBLE VALVES, STOP & BRAIN VALVES, STRAINERS, THREE WAY VALVES, LAWMOWER VALVES, & FITTINGS, MILLER BRAIN VALVES; SEE FILE FOR REST OF GOODS	VENEZUELA MUELLER (Mark No. 111107)	04/10/1957 5129	06/19/1958 14124 F	06/19/2001		REGISTERED
Owner: MUELLER CO Classes: 21 Goods: TAPPING MACHINES & PARTS THEREOF, DRILLING MACHINES & PARTS THEREOF, SOLID & SHELL DRILLS (COMBINED DRILLS & TAPS, CAR, ING TOOLS, TAPPING SLEEVES, PIPE JOINTERS, CORPORATION STOP EXTRACTING TOOLS, HAMMERS, CHISELS, PIPE CUTTING TOOLS, CORPORATION STOP INSERTING TOOLS & PLOW STANDS	VENEZUELA MUELLER (Mark No. 111108)	04/10/1957 5128	06/19/1958 14126 F	06/19/2001		REGISTERED

End of the report

APPENDIX B

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United States Patents of Mueller Co.

Number	Issue Date	Title
US 5470046	11/28/95	Gate valve structure
US 5447340	09/05/95	Electrically insulated piped coupling employing a radial insulating barrier
US D359103	06/06/95	Valve
US D359102	06/06/95	Valve
US 5373889	12/20/94	Method of making a three-way fire hydrant
US 5311900	05/17/94	Leak resistant plug valve
US 5287880	02/22/94	Three-way fire hydrant
US 5082246	01/21/92	Gas ball valve
US 5020934	04/04/91	Corrosion resistance for fire hydrant stem safety coupling
US 4953588	09/04/90	Dual check valve
US 4883085	11/28/89	Method of installing a stopper in a fitting and apparatus therefor
US 4842246	06/27/89	Valve seat configuration
US 4813281	03/21/89	Underground meter box
US 4717178	01/05/88	Frangible coupling for barrel sections of a fire hydrant
US 4614113	09/30/86	Water meter service installation
US 4566481	01/28/86	Tamperproof fire hydrants
US 4407482	10/04/83	Coupling joint for telescoping tubular members
US 4258941	03/31/81	Service clamp for plastic pipe or the like

Foreign Patents and Applications

Canada Serial No. 2016277 Pending
Canada Patent No. 1277201 12/4/90
Canada Serial No. 2119855 Pending
Canada Patent No. 674549 12/20/93

Country	Registrant	Patent No.	Status
United States	Mueller Co.	4964613	Expired 10/24/94
United States	Mueller Co.	4964614	Expired 10/24/94
United States	Mueller Co.	5220942	Current
United States	Mueller Co.	4690019	Expired 09/02/95
United States	Mueller Co.	4848730	Expired 07/19/89
United States	Mueller Co.	5232009	Current
United States	Mueller Co.	5435179	Expired 07/26/99

MUELLER PATENTS

REFERENCE	DESCRIPTION	INVENTORS
* 60/139,494	Setter for Water Meter	Adel Abuellel Paul Gifford
* Farcas & Manelli, P.L.C. Docket #73-577	Encoding Register for Water Meter	Stewart Oliver Michael Middleton

A TYCO INTERNATIONAL LTD. COMPANY

Report : Cancelled
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Foreign Patent Cases by Client

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MUELLER CO (USA & CANADA)

Bureau : 902 Atty1 : WHT Atty2 :

Clref : 1107

Inventor 1 : SANDS, ROBERT B
Title : SLIP-RINGS SERVICE CLAMP FOR PLASTIC PIPE OR THE
LINE

Country	Seq	Appno	Appld	Patno	Issdt	Term	Statue	Expd	Macno
CANADA	1	248623	03/28/1980	1125810	06/15/1982		ISSUED	06/15/1999	103712

MUEBLER CO (USA & CANADA)

Baseno : 903 Atty1 : WVT Atty2 :

Clref : 1111

Inventor 1 : NAUPFB, WILLIAM L.
Title : SINGLE AND MULTIPLE SECTION PIPE REPAIR CLAMPS

Country	Seq	Appno	Appdt	Patno	Issdt	Term	Stat	Expt	Matno
CANADA	1	382462	07/24/1981	1161770	02/07/1984		1980BD	02/07/2001	106272

MUSKIEER CO (USA & CANADA)

Baseno : 904 Atty1 : WMT Atty2 : Clret : 1112

Inventor 1 : DAGHE, JOSEPH L
Title : A COUPLING JOINT FOR TELESCOPING TUBULAR MEMBERS

COUNTRY	Seq	Appno	Appld	Patno	Issdt	Term	Status	Exptd	Matno
CANADA	1	374881	04/07/1981	1154477	09/27/1983		ISSUED	09/27/2000	106085

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MUELLER CO (USA & CANADA)

Baseno : 906 Acty1 : WPT Acty2 :

Clref : 1130

Inventor 1 : HAUPPE, WILLIAM L.

Title : PIPE CLAMP WITH IMPROVED LUGS FOR RETAINING END
PORTIONS OF THE SPLIT BAND MEANS

Country	Seq	Applno	Appldt	Patno	Issdt	Taxdt	Wixdt	Status	Expdt	Matno
CANADA	1	901193	04/19/1982	1173075	08/21/1984			ISSUED	08/21/2001	106762

TRADEMARK

REEL: 002488 FRAME: 0102

MOBILBR CO (USA & CANADA)

Baseno : 907 Acty1 : NMT Acty2 :

Clref : 1131

Inventor 1 : DAGHS, JOSEPH L
Title : SINGLE AND MULTIPLE SECTION PIPE REPAIR OR
SERVICE CLAMPS

Country	Seq	Applno	Appld	Patno	Issd	Stat	Wkdc	Stat	Expd	Patno
CANADA	1	402730	07/09/1982	117417	11/06/1984	ISSUED			11/06/2001	106763

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MUEBLER CD (USA & CANADA)

Buano : 908 Atty1 : MMT Atty2 :

Clref : 1132

Inventor 1 : DAGNE, JOSEPH L.
Title : BACKFLOW PREVENTER APPARATUS

Country	Seq	Appno	Appdt	Patno	Issdt	Taxdt	Wrkdt	Status	Expdt	Matno
CANADA	1	424800	03/29/1983	1215287	12/16/1986			ISSUED	12/16/2003	107249

TRADEMARK

REEL: 002488 FRAME: 0104

HUBLEN CO (USA & CANADA)

Base no : 909 Atty1 : WNT Atty2 :

Clref : 1133

Inventor 1 : DAGHE, JOSEPH L
Title : RELIEF VALVE ASSEMBLY FOR USE WITH BACKFLOW
PREVENTERS

Country	Seq	Appno	Applc	Patno	Issdt	Taxdt	Wtrdt	Status	Expc	Matno
CANADA	1	424799	03/29/1983	1206035	07/02/1986			ISSUED	07/02/2003	107250

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Foreign Patent Cases by Client - Live

MUELLER CO (USA & CANADA)

Baseno : 910 Atty1 : WMT Atty2 :

Clref : 1114

Inventor 1 : SANDS, ROBERT E
Title : CHECK VALVE ASSEMBLY FOR USE IN BACKFLOW
PREVENTERS OR THE LIKE.

Country	Seq	Appno	Appl	Patno	Issdc	Taxdc	Wtkdc	Status	Expd	Patno
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CANADA	1	424788	03/29/1983	1191422	08/06/1985			ISSUED	08/06/2002	107251
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Foreign Patent Cases by Client -
MUELLER CO (USA & CANADA)

Baseno : 911 Atty1 : WMT Atty2 :

C1ref : 1149

Inventor 1 : DNGHR, JOSEPH L
Title : WATER METER SERVICE INSTALLATION

Country	Seq	Appno	Appdt	Patno	Issdt	Transd	Markd	Status	Expd	Relno
CANADA	1	486200	07/02/1985	1217561	06/14/1988			ISSUED	06/14/2005	108869

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MUZILER CO (USA & CANADA)

Baseno : 1420 Atty1 : WMT Atty2 :

Circf : 1151

Inventor 1 : LIBOPOLD, MILAUR R
Title : TAMPERPROOF FIRE HYDRANTS

Country	Seq	Appno	Appdt	Patno	Issdt	Taxdt	Wtxdt	Statue	Expdt	Matno
CANADA	1	492521	10/08/1985	1228781	11/03/1987			ISSUED	11/03/2084	109068

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REEL: 002488 FRAME: 0108

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PUBLER CO (USA & CANADA)

Bareno : 1421 Atty1 : NWT Atty2 :

Clref : 1152

Inventor 1 : DAGHB, JOSEPH L
Title : OPERATING MECHAN FOR TEMPERPROOF HYDRAUTS

Country	Seq	Appno	Appdt	Patno	Issdt	Traddt	Wrkdt	Status	Expdte	Matno
CANADA	1	492520	10/08/1985	1230030	12/08/1987			ISSUED	12/08/2004	109061

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REEL: 002488 FRAME: 0109

Date: 04/14/99
Time: 12:41:12

Master List
by Case Number

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Case Number Division Atty Assignee Disclosure Status

14000 MUL MUELLER CO Open
Title: GATE VALVE STRUCTURE.
Inventors: MACK ET AL

Abstract:

Ctry	Sub Case	Status/ Case Type	Appln No/ Filing Date	Patent No./ Issue Date	Tax Agent/ Sch. Agent Refno	Exp./Ab Public.	I Ite
CANAD		PENDING ORD	2112836 01/05/94				

EPO PENDING 93310650.2 607708
ORD

Remarks: CORRESPONDS TO US 5470046

Case Number Division Atty Assignee Disclosure Status

Foreign Patent Cases by Client - Live

MUELLER CO (USA & CANADA)

Clref : 1157

Baseno : 1514 Atty1 : MMT Atty2 :

Inventor 1 : HUNT, MITCHELL,
Title : METHOD OF INSTALLATION FOR UNDERGROUND PIPELINES

Country	Seq	Appno	Appdc	Patno	Issdc	Taxdc	Wrtcd	Statue	Expd	Matno
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REEL: 002488 FRAME: 0111

RECORDED: 04/16/2002