

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

SECURITY AGREEMENT

CONVEYING PARTY DATA

Name	Execution Date
MILACRON INC	03/11/2009
CIMCOOL INDUSTRIAL PRODUCTS INC.	03/11/2009
MILACRON MARKETING COMPANY	03/11/2009
MILACRON PLASTICS TECHNOLOGIES GROUP INC.	03/11/2009
D-M-E COMPANY	03/11/2009

RECEIVING PARTY DATA

Name:	GENERAL ELECTRIC CAPITAL CORPORATION, as Agent
Street Address:	201 Merritt 7
City:	Norwalk
State/Country:	CONNECTICUT
Postal Code:	06851

PROPERTY NUMBERS Total: 125

Property Type	Number
Patent Number:	6802704
Patent Number:	7361010
Patent Number:	7104774
Patent Number:	6719263
Patent Number:	6813537
Patent Number:	6674006
Patent Number:	7104109
Patent Number:	7020540
Patent Number:	7252501
Patent Number:	7220117
Patent Number:	7300270
Application Number:	11226662

PATENT

500812925

REEL: 022427 FRAME: 0080

CH \$5000.00 6802704

Patent Number:	7204149
Patent Number:	7329118
Patent Number:	7455515
Patent Number:	7452199
Application Number:	11944493
Application Number:	12135519
Patent Number:	D317927
Patent Number:	D318282
Patent Number:	5494435
Patent Number:	5397226
Patent Number:	5234329
Patent Number:	5208053
Patent Number:	5039842
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Patent Number:	6093015
Patent Number:	6386508
Patent Number:	6227461
Patent Number:	6443723
Patent Number:	6368542
Patent Number:	6649112
Patent Number:	6419116
Patent Number:	5562935
Patent Number:	5350289
Application Number:	09056819
Patent Number:	5062052
Patent Number:	5362222
Patent Number:	6312248
Patent Number:	6547431
Patent Number:	6609038

Patent Number:	5389546
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Patent Number:	5706684
Patent Number:	5874390
Patent Number:	5889201
Patent Number:	5809628
Application Number:	11050492
Application Number:	11194327
Application Number:	11253111
Application Number:	11381819
Application Number:	11761386
Application Number:	11957858
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Patent Number:	7338272
Patent Number:	D391854
Patent Number:	D415035
Patent Number:	D427076
Patent Number:	D357484
Patent Number:	D341602
Application Number:	09304318
Patent Number:	4907960
Patent Number:	4942004

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Patent Number:	6149418

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Patent Number:	6193499
Patent Number:	6231329
Patent Number:	6419861
Patent Number:	6471904
Patent Number:	6533972
Patent Number:	6988222
Patent Number:	7347965

CORRESPONDENCE DATA

Fax Number: (404)815-2424

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Address Line 2: Paul Hastings Janofsky & Walker, LLP

Address Line 4: Atlanta, GEORGIA 30308

NAME OF SUBMITTER:

Carol Fraser

Total Attachments: 25

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PATENT SECURITY AGREEMENT

This PATENT SECURITY AGREEMENT ("Agreement"), dated as of March 11, 2009, is made by each of the Grantors listed on the signature page hereof (individually and collectively, "Assignor") in favor of GENERAL ELECTRIC CAPITAL CORPORATION, Delaware corporation, as agent for certain lenders (in such capacity, together with any permitted successors and assigns, "Assignee"). Capitalized terms used in this Agreement and not defined herein have the meanings set forth for such terms in the Security Agreement (as hereinafter defined) or if not defined therein, in the Credit Agreement (as defined in the Security Agreement).

WHEREAS, Assignor is the patentee or applicant for the Patents and Patent Licenses listed on the attached Schedule 1A, which Patents and Patent Licenses are issued or applied for in the United States Patent and Trademark Office (the "Patents");

WHEREAS, the Assignor has entered into a Security Agreement, dated as of March 11, 2009, by and among Assignor and the other grantors signatory thereto, and Assignee (as amended, restated, supplemented or otherwise modified from time to time, the "Security Agreement"); and

WHEREAS, pursuant to the Security Agreement, as collateral security for all of the Obligations, Assignor has pledged and assigned to Assignee, and granted to Assignee, for the benefit of Assignee and the Lenders a continuing security interest in the Patents and the applications and registrations thereof, and all proceeds thereof (collectively, the "Patent Collateral").

NOW, THEREFORE, in consideration of the premises and agreements made herein and in the Security Agreement, as collateral security for all of the Obligations, Assignor hereby pledges and assigns to Assignee, and grants to Assignee, for the benefit of Assignee and the Lenders, a continuing security interest in the Patent Collateral.

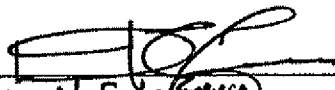
Assignor does hereby further acknowledge and affirm that the rights and remedies of the Assignee with respect to the Patent Collateral are more fully set forth in the Security Agreement, the terms and provisions of which are hereby incorporated herein by reference as if fully set forth herein.

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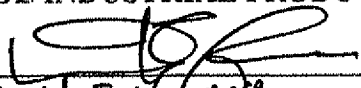
IN WITNESS WHEREOF, Assignor has caused this Agreement to be executed and delivered by its officer thereunto duly authorized as of the date above first written.

ASSIGNOR:

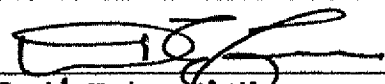
MILACRON INC.

By: 
Name: David E. Lawrence
Title: President

CIMCOOL INDUSTRIAL PRODUCTS INC.

By: 
Name: David E. Lawrence
Title: President

MILACRON MARKETING COMPANY

By: 
Name: David E. Lawrence
Title: President

MILACRON PLASTICS TECHNOLOGIES
GROUP INC.

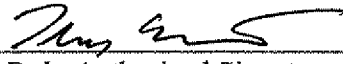
By: 
Name: David E. Lawrence
Title: President

D-M-E COMPANY

By: 
Name: David E. Lawrence
Title: President

AGENT:

GENERAL ELECTRIC CAPITAL
CORPORATION, as Agent

By: 
Duly Authorized Signatory
Thomas Morante

PATENT SECURITY AGREEMENT

PATENT
REEL: 022427 FRAME: 0087

SCHEDULE 1A TO PATENT SECURITY AGREEMENT

Patents, Patent Applications and Patent Licenses

SCHEDULE 1A

Patents, Patent Applications and Patent Licenses

PATENTS

Owner: D-M-E Company (DME)

Country	Short Title	Application No.	Date Filed	Patent No.	Grant Date	Publication No.	Owner
Austria	MULTI PISTON VALVE ACTUATOR	3770578.7	9/18/2003	1543263	3/21/2007	1543263	DME
Austria	LOAD CONFIGURABLE ELECTRICAL DISTRIBUTOR	3815177.5	7/25/2003	1581983	9/10/2008	1581983	DME
Austria	BUSS	98963001.7	12/7/1998	1037735	9/14/2005	1037735	DME
Austria	MOLD HEATER START-UP	99966393.3	12/17/1999	1102670	9/29/2004	1102670	DME
Australia	ACTUATOR FOR INJECTION MOLDING VALVE GATE						
Australia	MOLD ASSEMBLY	2004318032	11/3/2004	2004318032	5/15/2008	2004328032	DME
Australia	MULTI PISTON VALVE ACTUATOR	2003279069	9/18/2003	2003279069	8/24/2006		DME
Australia	CONNECTION ERROR DETECTION AND RESPONSE	2003269945	8/5/2003	2003269945	10/28/2005		DME
Australia	LOAD CONFIGURABLE ELECTRICAL DISTRIBUTOR						
Australia	BUSS	2003261243	7/25/2003	2003261243	1/6/2006		DME
Australia	METHOD OF MANUFACTURING ELECTOR PIN SLEEVES	4181797	9/5/1997	726673	9/5/1997		DME
Australia	MOLD HEATER START-UP	736531	12/9/1998	736531	11/15/2001		DME
Australia	ACTUATOR FOR INJECTION MOLDING VALVE GATE	758549	12/17/1999	758549	7/31/2003		DME
Belgium	MULTI PISTON VALVE ACTUATOR	3770578.7	9/18/2003	1543263	3/21/2007	1543263	DME
Belgium	LOAD CONFIGURABLE ELECTRICAL DISTRIBUTOR	3815177.5	7/25/2003	1581983	9/10/2008	1581983	DME
Belgium	BUSS	99966393.3	12/17/1999	1102670	9/29/2004	1102670	DME
Belgium	ACTUATOR FOR INJECTION MOLDING VALVE GATE						
Brazil	MOLD ASSEMBLY	P10418659-1	11/3/2004				DME
Brazil	MULTI PISTON VALVE ACTUATOR	P10314620-0	9/18/2003				DME
Brazil	CONNECTION ERROR DETECTION AND RESPONSE	P10307038-7	8/5/2003				DME
Brazil	LOAD CONFIGURABLE ELECTRICAL DISTRIBUTOR						
Brazil	BUSS	P10307238-0	7/25/2003				DME
Brazil	METHOD OF MANUFACTURING ELECTOR PIN SLEEVES	P19714722-2	9/5/1997	P19714722-2	6/8/2004		DME
Brazil	ACTUATOR FOR INJECTION MOLDING VALVE GATE	P10101588-5	4/25/2001				DME
Canada	LATCHING DEVICE FOR INJECTION MOLDS WITH						
Canada	REMOVABLE INSERT	2410871	6/15/2001	2410871	8/28/2007		DME
Canada	APPARATUS FOR INJECTION MOLDING	2637181	9/12/2006				DME
Canada	MOLD ASSEMBLY	2557370	11/3/2004				DME
Canada	MULTI PISTON VALVE ACTUATOR	2496768	9/18/2003				DME
Canada	CONNECTION ERROR DETECTION AND RESPONSE	2472337	8/5/2003	2472337	6/5/2007		DME
Canada	LOAD CONFIGURABLE ELECTRICAL DISTRIBUTOR						
Canada	BUSS	2471901	7/25/2003	2471901	3/6/2007		DME
Canada	IMPROVED TEMPERATURE CONTROL	2544666	11/12/2004	2544666	3/13/2007		DME
Canada	NOZZLE AND APPARATUS FOR INJECTION MOLDING	2588085	4/21/2005				DME
Canada	NOZZLE AND APPARATUS FOR INJECTION MOLDING	2629391	6/15/2006				DME

PATENT

REEL: 022427 FRAME: 0089

SCHEDULE 1A

Patents, Patent Applications and Patent Licenses

PATENTS

Owner: D-M-E Company (DME)

Country	Short Title	Application No.	Date Filed	Patent No.	Grant Date	Publication No.	Owner
Canada	NOZZLE AND APPARATUS FOR INJECTION MOLDING		2/21/2007				DME
Canada	APPARATUS FOR MOLDING						DME
Canada	METHOD OF MANUFACTURING ELECTOR PIN SLEEVES	2288878	9/5/1997	2288878	6/17/2003		DME
Canada	MOLD HEATER START-UP	2313203	12/9/1998	2313203	6/14/2005		DME
Canada	ACTUATOR FOR INJECTION MOLDING VALVE GATE	2347023	12/17/1999	2347023	8/7/2007		DME
Canada	FLOW NOZZLE FOR INJECTION MOLDING	2389983	11/3/2000	2389983	1/31/2006		DME
Canada	MOLDING NOZZLE GATE VALVE	2460729	3/29/2002	2460729	1/9/2007		DME
Switzerland	LOAD CONFIGURABLE ELECTRICAL DISTRIBUTOR	3815177.5	7/25/2003	1581983	9/10/2008	1581983	DME
Switzerland	BUSS	94910428.5	3/30/1994	645212	5/21/1997		DME
Switzerland	METHOD OF MAKING AN ELECTOR TUBE FOR MOLDS						DME
Switzerland	ACTUATOR FOR INJECTION MOLDING VALVE GATE	99966393.3	12/17/1999	1102670	9/29/2004	1102670	DME
China (Peoples Republic)	MOLD ASSEMBLY	2.0048E+11	11/3/2004				DME
China (Peoples Republic)	LOAD CONFIGURABLE ELECTRICAL DISTRIBUTOR	3805889.8	7/25/2003	3805889.8	11/7/2007	1643735A	DME
China (Peoples Republic)	BUSS						DME
Czech Republic	MULTI PISTON VALVE ACTUATOR	3770578.7	9/18/2003	1543263	3/21/2007	1543263	DME
Germany	MULTI PISTON VALVE ACTUATOR	3770578.7	9/18/2003	1543263	3/21/2007	1543263	DME
Germany	LOAD CONFIGURABLE ELECTRICAL DISTRIBUTOR						DME
Germany	BUSS	3815177.5	7/25/2003	1581983	9/10/2008	1581983	DME
Germany	METHOD OF MAKING AN ELECTOR TUBE FOR MOLDS	94910428.5	3/30/1994	645212	5/21/1997		DME
Germany	HEATING DEVICE	9403416.8	3/1/1994	9403416.8	5/19/1994		DME
Germany	METHOD OF MANUFACTURING ELECTOR PIN SLEEVES	97939803.9	9/5/1997	1032715	8/14/2002		DME
Germany	MOLD HEATER START-UP	98863001.7	12/7/1998	1037735	9/14/2005	1037735	DME
Germany	ACTUATOR FOR INJECTION MOLDING VALVE GATE	99966393.3	12/17/1999	1102670	9/29/2004	1102670	DME
Germany	MOLD CORE POSITIONING DEVICE	901403.6	1/7/2000	1107856	10/6/2004	1107856	DME
Germany	FLOW NOZZLE FOR INJECTION MOLDING	976909.2	11/3/2000	1227892	10/6/2004	1227892	DME
Denmark	LOAD CONFIGURABLE ELECTRICAL DISTRIBUTOR	3815177.5	7/25/2003	1581983	9/10/2008	1581983	DME
European Patent Office	APPARATUS FOR INJECTION MOLDING	6790215.5	9/12/2006			EP 1979150	DME
European Patent Office	MOLD ASSEMBLY	4800678.7	11/3/2004				DME
European Patent Office	MULTI PISTON VALVE ACTUATOR	3770578.7	9/18/2003	1543263	3/21/2007	1543263	DME
European Patent Office	CONNECTION ERROR DETECTION AND RESPONSE	3751837	8/5/2003			1474847	DME
European Patent Office	LOAD CONFIGURABLE ELECTRICAL DISTRIBUTOR						DME
European Patent Office	BUSS	3815177.5	7/25/2003	1581983	9/10/2008	1581983	DME
European Patent Office	METHOD OF MAKING AN ELECTOR TUBE FOR MOLDS	94910428.5	3/30/1994	645212	5/21/1997		DME

PATENT

REEL: 022427 FRAME: 0090

SCHEDULE 1A

Patents, Patent Applications and Patent Licenses

PATENTS

Owner: D-M-E Company (DME)

Country	Short Title	Application No.	Date Filed	Patent No.	Grant Date	Publication No.	Owner
European Patent Office	IMPROVED TEMPERATURE CONTROL	4800983.1	11/12/2004	1032715	8/14/2002	1037735	DME
European Patent Office	METHOD OF MANUFACTURING ELECTOR PIN SLEEVES	97939803.9	9/5/1997	1037735	9/14/2005	1102670	DME
European Patent Office	MOLD HEATER START-UP	98963001.7	12/7/1998	1102670	9/29/2004	1107856	DME
European Patent Office	ACTUATOR FOR INJECTION MOLDING VALVE GATE	99966393.3	12/17/1999	1107856	10/6/2004	1227892	DME
European Patent Office	MOLD CORE POSITIONING DEVICE	901403.6	1/7/2000	1227892	10/6/2004		DME
European Patent Office	FLOW NOZZLE FOR INJECTION MOLDING	976909.2	11/3/2000				DME
Spain	METHOD OF MANUFACTURING ELECTOR PIN SLEEVES	97939803.9	9/5/1997	1032715	8/14/2002		DME
Spain	ACTUATOR FOR INJECTION MOLDING VALVE GATE	99966393.3	12/17/1999	1102670	9/29/2004	1102670	DME
France	MULTI PISTON VALVE ACTUATOR	3770578.7	9/18/2003	1543263	3/21/2007	1543263	DME
France	LOAD CONFIGURABLE ELECTRICAL DISTRIBUTOR	3815177.5	7/25/2003	1581983	9/10/2008	1581983	DME
France	BUSS	94910428.5	3/30/1994	645212	5/21/1997		DME
France	METHOD OF MAKING AN ELECTOR TUBE FOR MOLDS	97939803.9	9/5/1997	1032715	8/14/2002		DME
France	METHOD OF MANUFACTURING ELECTOR PIN SLEEVES	98963001.7	12/7/1998	1037735	9/14/2005	1037735	DME
France	MOLD HEATER START-UP	99966393.3	12/17/1999	1102670	9/29/2004	1102670	DME
France	ACTUATOR FOR INJECTION MOLDING VALVE GATE						DME
United Kingdom	MULTI PISTON VALVE ACTUATOR	3770578.7	9/18/2003	1543263	3/21/2007	1543263	DME
United Kingdom	LOAD CONFIGURABLE ELECTRICAL DISTRIBUTOR	3815177.5	7/25/2003	1581983	9/10/2008	1581983	DME
United Kingdom	BUSS	94910428.5	3/30/1994	645212	5/21/1997		DME
United Kingdom	METHOD OF MAKING AN ELECTOR TUBE FOR MOLDS	97939803.9	9/5/1997	1032715	8/14/2002		DME
United Kingdom	METHOD OF MANUFACTURING ELECTOR PIN SLEEVES	98963001.7	12/7/1998	1037735	9/14/2005	1037735	DME
United Kingdom	MOLD HEATER START-UP	99966393.3	12/17/1999	1102670	9/29/2004	1102670	DME
United Kingdom	ACTUATOR FOR INJECTION MOLDING VALVE GATE						DME
Hong Kong	MOLDING NOZZLE GATE VALVE	5102767.2	4/1/2005				DME
India	MOLD ASSEMBLY	2261/KOL/06	11/3/2004				DME
India	CONNECTION ERROR DETECTION AND RESPONSE	01013/KOL/03	8/5/2003				DME
India	LOAD CONFIGURABLE ELECTRICAL DISTRIBUTOR	1225/KOL/04	7/25/2003				DME
India	BUSS	852/KOL					DME
India	APPARATUS FOR INJECTION MOLDING	NP/08	4/4/2006				DME
Italy	METHOD OF MANUFACTURING ELECTOR PIN SLEEVES	97939803.9	9/5/1997	1032715	8/14/2002		DME
Italy	ACTUATOR FOR INJECTION MOLDING VALVE GATE	99966393.3	12/17/1999	1102670	9/29/2004	1102670	DME
Japan	LATCHING DEVICE FOR INJECTION MOLDS WITH REMOVABLE INSERT	503509	6/15/2001	3965116	6/1/2007	503509	DME

PATENT

REEL: 022427 FRAME: 0091

SCHEDULE 1A

Patents, Patent Applications and Patent Licenses

PATENTS

Owner: D-M-E Company (DME)

Country	Short Title	Application No.	Date Filed	Patent No.	Grant Date	Publication No.	Owner
Japan	REPLACEABLE INSERT FOR MOLD LOCK	559229	1/23/2002				DME
Japan	MULTI PISTON VALVE ACTUATOR	2004-538514	9/18/2003			506797	DME
Japan	CONNECTION ERROR DETECTION AND RESPONSE	2004-555284	8/5/2003			07-537537	DME
Japan	IMPROVED TEMPERATURE CONTROL	2007-513117	11/12/2004			535295	DME
Japan	ACTUATOR HAVING DUAL PISTON SURFACES	501640	6/1/2001	3939645	4/6/2007	503396	DME
Japan	THERMAL EXPANSION COMPENSATION SUPPORT	510253	6/13/2001				DME
Japan	MOLDING NOZZLE GATE VALVE	2003-581956	3/29/2002	4121964	5/9/2008	05-519793	DME
Korea, Republic of	MOLD ASSEMBLY	06-7021500	11/3/2004	10-0844548	7/1/2008		DME
Korea, Republic of	CONNECTION ERROR DETECTION AND RESPONSE	2004-7011278	8/5/2003	10-0637909	10/17/2006		DME
Korea, Republic of	LOAD CONFIGURABLE ELECTRICAL DISTRIBUTOR	2004-7014293	7/25/2003	10-0637910	10/17/2006		DME
Mexico	MOLD ASSEMBLY	06/10568	11/3/2004				DME
Mexico	CONNECTION ERROR DETECTION AND RESPONSE	04/07004	8/5/2003	250477	10/18/2007		DME
Mexico	LOAD CONFIGURABLE ELECTRICAL DISTRIBUTOR	04/08423	7/25/2003	247967	7/25/2003		DME
Mexico	APPARATUS FOR INJECTION MOLDING	08/02209	4/4/2006	206165	1/24/2002		DME
Mexico	METHOD OF MANUFACTURING ELECTOR PIN SLEEVES	99/10656	9/5/1997	239008	7/28/2006		DME
Mexico	MOLD HEATER START-UP	00/05634	12/9/1998				DME
Netherlands	MULTI PISTON VALVE ACTUATOR	3770578.7	9/18/2003	1543263	3/21/2007	1543263	DME
Netherlands	LOAD CONFIGURABLE ELECTRICAL DISTRIBUTOR	3815177.5	7/25/2003	1581983	9/10/2008	1581983	DME
Netherlands	ACTUATOR FOR INJECTION MOLDING VALVE GATE	99966393.3	12/17/1999	1102670	9/29/2004	1102670	DME
New Zealand	MOLD HEATER START-UP	504867	12/7/1998	504867	5/12/2003		DME
Portugal	MULTI PISTON VALVE ACTUATOR	3770578.7	9/18/2003	1543263	3/21/2007	1543263	DME
Portugal	METHOD OF MANUFACTURING ELECTOR PIN SLEEVES	97939803.9	9/5/1997	1032715	8/14/2002		DME
Portugal	ACTUATOR FOR INJECTION MOLDING VALVE GATE	99966393.3	12/17/1999	1102670	9/29/2004	1102670	DME
Sweden	LOAD CONFIGURABLE ELECTRICAL DISTRIBUTOR	3815177.5	7/25/2003	1581983	9/10/2008	1581983	DME
Sweden	ACTUATOR FOR INJECTION MOLDING VALVE GATE	99966393.3	12/17/1999	1102670	9/29/2004	1102670	DME
Taiwan	LOAD CONFIGURABLE ELECTRICAL DISTRIBUTOR	92122657	8/18/2003	221349	9/21/2004		DME

PATENT

REEL: 022427 FRAME: 0092

SCHEDULE 1A

Patents, Patent Applications and Patent Licenses

PATENTS

Owner: D-M-E Company (DME)

Country	Short Title	Application No.	Date Filed	Patent No.	Grant Date	Publication No.	Owner
United States of America	LATCHING DEVICE FOR INJECTION MOLDS WITH REMOVABLE INSERT	10/297894	6/16/2000	6802704	10/12/2004	0172538-A1	DME
United States of America	APPARATUS FOR INJECTION MOLDING	11/340191	1/26/2006	7361010	4/22/2008	0172538-A1	DME
United States of America	MOLD ASSEMBLY	10/801183	3/17/2004	7104774	9/12/2006	0208172-A1	DME
United States of America	MULTI PISTON VALVE ACTUATOR	10/246961	9/20/2002	6719263	4/13/2004	0056225-A1	DME
United States of America	CONNECTION ERROR DETECTION AND RESPONSE LOAD CONFIGURABLE ELECTRICAL DISTRIBUTOR	10/301228	1/21/2002	6813537	11/2/2004	0102868-A1	DME
United States of America	DOUBLE CAVITY HEADING DIE	10/339846	1/10/2003	6674006	1/6/2004		DME
United States of America	IMPROVED TEMPERATURE CONTROL	10/895462	5/8/2003	7104109	9/12/2006	0123877-A1	DME
United States of America	APPARATUS FOR INJECTION MOLDING	10/846777	5/14/2004	7020540	3/28/2006	025612-A1	DME
United States of America	NOZZLE AND APPARATUS FOR INJECTION MOLDING	11/059277	2/16/2005	7252501	8/7/2007	0182842-A1	DME
United States of America	APPARATUS FOR INJECTION MOLDING	11/007756	12/8/2004	7220117	5/22/2007	0121155-A1	DME
United States of America	APPARATUS AND METHOD FOR TEMPERATURE CONTROL	11/193804	7/30/2005	7300270	11/27/2007	07-0026097	DME
United States of America	APPARATUS FOR INDICATING PRESSURE	11/226662	9/14/2005			0057394-A1	DME
United States of America	NOZZLE AND APPARATUS FOR INJECTION MOLDING	11/296546	12/7/2005	7204149	4/17/2007		DME
United States of America	NOZZLE AND APPARATUS FOR INJECTION MOLDING	11/271084	11/12/2005	7329118	2/12/2008	0110843-A1	DME
United States of America	SPRUE BAR WITH ADJUSTABLE LENGTH	11/456626	7/11/2006	7455515	11/25/2008	0240141-A1	DME
United States of America	APPARATUS FOR INJECTION MOLDING	11/640049	12/15/2006	7452199	11/18/2008	0145473-A1	DME
United States of America	APPARATUS FOR MOLDING	11/944493	11/23/2007				DME
United States of America	CLAMP	12/135519	6/9/2008				DME
United States of America	INTERNAL LATCH	79340	7/30/1987	D317927	7/2/1991		DME
United States of America	SLIDE RETAINER	172908	3/22/1988	D318282	7/16/1991		DME
United States of America	ANGLE PIN	303764	9/9/1994	5494435	2/27/1996		DME
United States of America	RUNNER SHUT-OFF	144420	11/2/1993	5397226	3/14/1995		DME
United States of America	MOISTURE DETECTION	956098	10/2/1992	5234329	8/10/1993		DME
United States of America	MOLD RETAINER	770440	10/3/1991	5208053	5/4/1993		DME
United States of America	NOZZLE	362554	6/7/1989	5039842	8/13/1991		DME
United States of America	NOZZLE ASSEMBLY	313196	2/21/1989	4961702	10/9/1990		DME
United States of America	METHOD OF MANUFACTURING ELECTOR PIN SLEEVES	67868	6/30/1987	4787836	11/29/1988		DME
United States of America	MOLD HEATER START-UP	779984	8/25/1985	4638849	11/27/1987		DME
United States of America	DEVICE FOR MOLDING OR INJECTION MOLDING	08/858744	5/19/1997	5730812	3/24/1998		DME
United States of America	POLYMER COMPOUNDS AND MOLD ACCESSORIES	08/986347	12/8/1997	5853631	12/29/1998		DME
United States of America	ACTUATOR FOR INJECTION MOLDING VALVE GATE	737087	2/7/1997	5824350	10/20/1998		DME
United States of America	MOLD CORE POSITIONING DEVICE	09/217295	12/21/1998	6086357	7/11/2000		DME
United States of America	ACTUATOR HAVING DUAL PISTON SURFACES	09/227846	1/11/1999	6093015	7/25/2000		DME
United States of America	FLOW NOZZLE FOR INJECTION MOLDING	09/4587462	6/5/2000	6386508	5/14/2002		DME
United States of America	SLIDE RETAINER FOR AN INJECTION MOLD	09/435683	11/8/1999	6227461	5/8/2001		DME
United States of America		09/433753	11/4/1999	6443723	9/3/2002		DME

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Patents, Patent Applications and Patent Licenses

PATENTS

Owner: D-M-E Company (DME)

Country	Short Title	Application No.	Date Filed	Patent No.	Grant Date	Publication No.	Owner
United States of America	THERMAL EXPANSION COMPENSATION SUPPORT	09/595264	6/15/2000	6368542	4/9/2002		DME
United States of America	THERMAL EXPANSION COMPENSATION SUPPORT	10/093622	3/8/2002	6649112	11/18/2003	0089090-A1	DME
United States of America	MOLDING NOZZLE GATE VALVE	09/794672	2/27/2001	6419116	7/16/2002		DME
Patent Cooperation Treaty	INJECTION MOLDING HOT RUNNER NOZZLE WITH REMOVABLE SEAL	01/19351	6/15/2001				DME
	LATCHING DEVICE FOR INJECTION MOLDS WITH REMOVABLE INSERT	01/19123	6/15/2001				DME
	APPARATUS FOR INJECTION MOLDING	06/35611	9/12/2006			07/086945	DME
	MOLD ASSEMBLY	04/36619	11/3/2004			05/095084	DME
	REPLACEABLE INSERT FOR MOLD LOCK	02/01881	1/23/2002			02/058911	DME
	MULTI PISTON VALVE ACTUATOR	03/30798	9/18/2003				DME
	CONNECTION ERROR DETECTION AND RESPONSE	03/24672	8/5/2003				DME
	LOAD CONFIGURABLE ELECTRICAL DISTRIBUTOR						
	BUSS	03/23208	7/25/2003				DME
	IMPROVED TEMPERATURE CONTROL	04/37625	11/12/2004			05/116791	DME
	APPARATUS FOR INJECTION MOLDING	06/01544	1/17/2006			06/088590	DME
	NOZZLE AND APPARATUS FOR INJECTION MOLDING	05/13656	4/21/2005			06/062539	DME
	APPARATUS FOR INJECTION MOLDING	06/12621	4/4/2006			07/018629	DME
	APPARATUS FOR INDICATING PRESSURE	06/35612	9/12/2006			07/67239	DME
	NOZZLE AND APPARATUS FOR INJECTION MOLDING	06/23456	6/15/2006				DME
	NOZZLE AND APPARATUS FOR INJECTION MOLDING	07/04647	2/21/2007				DME
	SPRUE BAR WITH ADJUSTABLE LENGTH	07/17962	8/14/2007			08/073158	DME
	APPARATUS FOR INJECTION MOLDING	08/04797	4/11/2008				DME
	METHOD OF MANUFACTURING EJECTOR PIN SLEEVES	97/15601	9/5/1997				DME
	MOLD HEATER START-UP	98/26155	12/9/1998			99/33633	DME
	ACTUATOR FOR INJECTION MOLDING VALVE GATE	99/30144	12/17/1999				DME
	MOLD CORE POSITIONING DEVICE	00/04430	1/7/2000			00/41869	DME
	ACTUATOR HAVING DUAL PISTON SURFACES	01/17719	6/1/2001			W001/34305	DME
	FLOW NOZZLE FOR INJECTION MOLDING	00/30364	11/3/2000			W001/32393	DME
	SLIDE RETAINER FOR AN INJECTION MOLD	00/27721	10/6/2000				DME
	THERMAL EXPANSION COMPENSATION SUPPORT	01/18998	6/13/2001				DME
	MOLDING NOZZLE GATE VALVE	02/09916	3/29/2002			03/084732	DME

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Patents, Patent Applications and Patent Licenses

PATENTS

Owner: DME U.S.A. Inc. (DMU)

Country	Short Title	Application No.	Date Filed	Patent No.	Grant Date	Publication No.	Owner
United States of America	QUICK CHANGE SYSTEM	347970	12/10/1994	5562935	10/8/1996		DMU
United States of America	QUICK CHANGE BASES	920612	7/27/1992	5350289	9/27/1994		DMU

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Patents, Patent Applications and Patent Licenses

PATENTS

Owner: Milacron Inc. (MI)

Country	Short Title	Application No.	Date Filed	Patent No.	Grant Date	Publication No.	Owner
Australia	FLUID W/ SULFURIZED LUBR	64628/94	6/8/1994	671211	1/23/1996		MI
Australia	MONOISOPRO/AMINE	13388/95	12/12/1994	682566	1/29/1998		MI
Austria	ENERGY CONSERVING INJECTION MOLDING MACHINE	90314225.5	12/14/1990	464286	8/3/1994		MI
Austria	MOLD PROTECT-TONAGE CON	92914491.3	6/16/1992	590068	8/19/1998		MI
Austria	FLUID W/ SULFURIZED LUBR	94111265.8	7/19/1994	656415	10/8/1997		MI
Austria	PREHEATING APPARATUS FOR AN EXTRUDER	94906712.8	1/21/1994	680402	3/17/1999		MI
Austria	MOLDING MACHINE HAVING VECTOR CONTROLLED AC DRIVES	94922485.1	7/6/1994	715566	1/20/1999		MI
Austria	ELECTROMECHANICAL DRIVE ASSEMBLY FOR AN ACCUMULATOR HEAD	96925356.6	7/18/1996	885108	9/13/2000		MI
Austria	METHOD FOR SIMULTANEOUS CONTROL OF MULTIPLE ACCUMULATORS	97942382.9	8/22/1997	923447	2/19/2003		MI
Belgium	FLUID W/ SULFURIZED LUBR	94111265.8	6/19/1994	656415	10/8/1997		MI
Belgium	ELECTROMECHANICAL DRIVE ASSEMBLY FOR AN ACCUMULATOR HEAD	96925356.6	7/18/1996	885108	9/13/2000		MI
Belgium	METHOD FOR SIMULTANEOUS CONTROL OF MULTIPLE ACCUMULATORS	97942382.9	8/22/1997	923447	2/19/2003		MI
Brazil	FLUID W/ SULFURIZED LUBR	P19404172-5	10/20/1994	P19404172-5	9/19/2000		MI
Brazil	MONOISOPRO/AMINE	P19405767-2	12/12/1994	P19405767-2	4/27/2004		MI
Brazil	ELECTROMECHANICAL DRIVE ASSEMBLY FOR AN ACCUMULATOR HEAD	P19610451-1	7/18/1996	P19610451-1	11/25/2003		MI
Brazil	METHOD FOR SIMULTANEOUS CONTROL OF MULTIPLE ACCUMULATORS	P19711277-1	8/22/1997	P19711277-1	8/15/2006		MI
Canada	ENERGY CONSERVING INJECTION MOLDING MACHINE	2033646	1/4/1991	2033646	7/18/1995		MI
Canada	MOLD PROTECT-TONAGE CON	2103061	6/16/1992	2103061	4/13/1999		MI
Canada	FLUID W/ SULFURIZED LUBR	2127680	7/8/1994	2127680	2/17/1998		MI
Canada	PREHEATING APPARATUS FOR AN EXTRUDER	2154459	1/21/1994	2154459	6/18/2002		MI
Canada	MONOISOPRO/AMINE	2156609	12/12/1994	2156609	7/13/1999		MI
Canada	METHOD AND APPARATUS FOR DETECTING ABERRANT MOTOR OPERATION IN A PLASTICS PROCESSING MACHINE	2249032	10/16/1998	2249032	12/27/2005		MI
Canada	METHOD FOR SIMULTANEOUS CONTROL OF MULTIPLE ACCUMULATORS	2264566	8/22/1997	2264566	7/27/2004		MI
Canada	CHARACTERIZATION OF FLUID MISTING	2272636	10/29/1998	2272636	7/1/2003		MI
China (Peoples Republic)	MONOISOPRO/AMINE	94113287	12/22/1994	ZL94113287	10/2/1999		MI
China (Peoples Republic)	DUAL MOTOR DRIVE SYSTEM FOR INJECTION MOLDING MACHINES	808450.5	4/10/2000	808450.5	9/17/2003		MI
China (Peoples Republic)	FLUID W/ SULFURIZED LUBR	94108478.7	7/21/1994	94108478.7	6/26/1999		MI
China (Peoples Republic)	MOLDING MACHINE HAVING VECTOR CONTROLLED AC DRIVES	94193166.8	7/6/1994	94193166.8	2/5/2000		MI

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Patents, Patent Applications and Patent Licenses

PATENTS

Owner: Milacron Inc. (MI)

Country	Short Title	Application No.	Date Filed	Patent No.	Grant Date	Publication No.	Owner
China (Peoples Republic)	TWO STAGE ELECTRIC INJECTION UNIT WITH ROTATABLE PLUNGER	98813644.9	9/30/1998	98813644.9	3/26/2003		MI
Denmark	FLUID W/ SULFURIZED LUBR	94111265.8	6/19/1994	656415	10/8/1997		MI
European Patent Office	ENERGY CONSERVING INJECTION MOLDING MACHINE	90314225.5	12/14/1990	464286	8/3/1994		MI
European Patent Office	FLUID W/ SULFURIZED LUBR	94111265.8	6/19/1994	656415	10/8/1997		MI
European Patent Office	PREHEATING APPARATUS FOR AN EXTRUDER	94906712.8	1/21/1994	680402	3/17/1999		MI
European Patent Office	MONOSOPRO/AMINE	95904874.5	12/12/1994	684980	5/31/2000		MI
European Patent Office	MOLDING MACHINE HAVING VECTOR CONTROLLED AC DRIVES	94922485.1	7/6/1994	715566	1/20/1999		MI
European Patent Office	LIQUID COOLING FOR ELECTRICAL COMPONENT OF A PLASTICS PROCESSING MACHINE	95909413.7	1/31/1995	756809	7/1/1998		MI
European Patent Office	MOTOR CURRENT CONTROL	9508754.8	1/31/1995	804324	7/25/2001		MI
European Patent Office	ELECTROMECHANICAL DRIVE ASSEMBLY FOR AN ACCUMULATOR HEAD	96925356.6	7/18/1996	885108	9/13/2000		MI
European Patent Office	METHOD FOR SIMULTANEOUS CONTROL OF MULTIPLE ACCUMULATORS	97942382.9	8/22/1997	923447	2/19/2003		MI
European Patent Office	TWO STAGE ELECTRIC INJECTION UNIT WITH ROTATABLE PLUNGER	98952037.4	9/30/1998	1102669	11/23/2005		MI
European Patent Office	HYBRID INJECTION MOLDING MACHINE	98949737.5	9/30/1998	1144175	3/24/2004		MI
European Patent Office	DUAL MOTOR DRIVE SYSTEM FOR INJECTION MOLDING MACHINES	921981.7	4/10/2000	1185409	1/12/2005		MI
European Patent Office	ELECTRICALLY DRIVEN APPARATUS FOR ELECTING INJECTION MOLDED PARTS	928793.9	5/2/2000	1198335	7/30/2003	1198335	MI
European Patent Office	ENERGY CONSERVING INJECTION MOLDING MACHINE	90314225.5	12/14/1990	464286	8/3/1994		MI
France	FLUID W/ SULFURIZED LUBR	94111265.8	6/19/1994	656415	10/8/1997		MI
France	PREHEATING APPARATUS FOR AN EXTRUDER	94906712.8	1/21/1994	680402	3/17/1999		MI
France	MONOSOPRO/AMINE	95904874.5	12/12/1994	684980	5/31/2000		MI
France	ELECTROMECHANICAL DRIVE ASSEMBLY FOR AN ACCUMULATOR HEAD	96925356.6	7/18/1996	885108	9/13/2000		MI
France	METHOD FOR SIMULTANEOUS CONTROL OF MULTIPLE ACCUMULATORS	97942382.9	8/22/1997	923447	2/19/2003		MI
Germany	ENERGY CONSERVING INJECTION MOLDING MACHINE	90314225.5	12/14/1990	464286	8/3/1994		MI
Germany	MOLD PROTECT-TONAGE CON	92914491.3	6/16/1992	590068	8/19/1998		MI
Germany	FLUID W/ SULFURIZED LUBR	94111265.8	6/19/1994	656415	10/8/1997		MI
Germany	PREHEATING APPARATUS FOR AN EXTRUDER	94906712.8	1/21/1994	680402	3/17/1999		MI
Germany	MONOSOPRO/AMINE	95904874.5	12/12/1994	684980	5/31/2000		MI
Germany	MOLDING MACHINE HAVING VECTOR CONTROLLED AC DRIVES	94922485.1	7/6/1994	715566	1/20/1999		MI
Germany	LIQUID COOLING FOR ELECTRICAL COMPONENT OF A PLASTICS PROCESSING MACHINE	95909413.7	1/31/1995	756809	7/1/1998		MI

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Patents, Patent Applications and Patent Licenses

PATENTS

Owner: Milacron Inc. (MI)

Country	Short Title	Application No.	Date Filed	Patent No.	Grant Date	Publication No.	Owner
Germany	ELECTROMECHANICAL DRIVE ASSEMBLY FOR AN ACCUMULATOR HEAD	96925356.6	7/18/1996	885108	9/13/2000		MI
Germany	METHOD FOR SIMULTANEOUS CONTROL OF MULTIPLE ACCUMULATORS	97942382.9	8/22/1997	923447	2/19/2003		MI
Germany	TWO STAGE ELECTRIC INJECTION UNIT WITH ROTATABLE PLUNGER	98952037.4	9/30/1998	1102669	11/23/2005		MI
Germany	DUAL MOTOR DRIVE SYSTEM FOR INJECTION MOLDING MACHINES	921981.7	4/10/2000	1185409	1/12/2005		MI
Germany	METHOD OF ANALYSIS FOR AQUEOUS FLUIDS	651/CAL/98	9/25/1997	181608	6/17/1994		MI
India	FLUID W/ SULFURIZED LUBR	461/CAL/94	6/17/1994	182644	11/28/1994		MI
India	MONOSOPRO/AMINE	992/CAL/94	11/28/1994				MI
India	TWO STAGE ELECTRIC INJECTION UNIT WITH ROTATABLE PLUNGER	1835/CAL/98	10/15/1998	203847	3/16/2007		MI
India	DC BRUSHLESS MOTOR IMM	90914289.5	6/20/1990	431150	10/12/1994		MI
Italy	ENERGY CONSERVING INJECTION MOLDING MACHINE	90314225.5	12/14/1990	464286	8/3/1994		MI
Italy	MOLD PROTECT-TONAGE CON	92914491.3	6/16/1992	590068	8/19/1998		MI
Italy	FLUID W/ SULFURIZED LUBR	94111265.8	6/19/1994	656415	10/8/1997		MI
Italy	PREHEATING APPARATUS FOR AN EXTRUDER	94906712.8	1/21/1994	680402	3/17/1999		MI
Italy	MONOSOPRO/AMINE	95904874.5	12/12/1994	684980	5/31/2000		MI
Italy	MOLDING MACHINE HAVING VECTOR CONTROLLED AC DRIVES	94922485.1	7/6/1994	715566	1/20/1999		MI
Italy	ELECTROMECHANICAL DRIVE ASSEMBLY FOR AN ACCUMULATOR HEAD	96925356.6	7/18/1996	885108	9/13/2000		MI
Italy	METHOD FOR SIMULTANEOUS CONTROL OF MULTIPLE ACCUMULATORS	97942382.9	8/22/1997	923447	2/19/2003		MI
Italy	DUAL MOTOR DRIVE SYSTEM FOR INJECTION MOLDING MACHINES	921981.7	4/10/2000	1185409	1/12/2005		MI
Italy	MULTI-FUNCTION MOTOR	519698/97	10/1/1996				MI
Japan	TWO STAGE ELECTRIC INJECTION UNIT WITH ROTATABLE PLUNGER	2000-531288	9/30/1998				MI
Japan	DUAL MOTOR DRIVE SYSTEM FOR INJECTION MOLDING MACHINES	612115	4/10/2000				MI
Japan	MOLDING MACHINE HAVING VECTOR CONTROLLED AC DRIVES	508097/95	7/6/1994	3399532	2/21/2003		MI
Japan	MONOSOPRO/AMINE	517472/95	12/12/1994	3497169	11/28/2003		MI
Japan	FLUID W/ SULFURIZED LUBR	162206/94	7/14/1994	3813188	6/9/2006		MI
Japan	MOTOR CURRENT CONTROL	528919/95	1/31/1995	3829149	7/21/2006		MI
Japan	LIQUID COOLING FOR ELECTRICAL COMPONENT OF A PLASTICS PROCESSING MACHINE	527620/95	1/31/1995	3987572	7/20/2007		MI
Japan	HYBRID INJECTION MOLDING MACHINE	572067	9/30/1998	4130062	5/30/2008		MI

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Patents, Patent Applications and Patent Licenses

PATENTS

Owner: Miliacron Inc. (MI)

Country	Short Title	Application No.	Date Filed	Patent No.	Grant Date	Publication No.	Owner
Korea, Republic of	FLUID W/ SULFURIZED LUBR	22185/94	9/3/1994	133100	12/16/1997		MI
Korea, Republic of	MONOISOPRO/AMINE	703540/95	12/12/1994	354981	9/18/2002		MI
Korea, Republic of	TWO STAGE ELECTRIC INJECTION UNIT WITH ROTATABLE PLUNGER	2000-7008966	9/30/1998	607187	7/24/2006		MI
Korea, Republic of	ELECTRICALLY DRIVEN APPARATUS FOR ELECTING INJECTION MOLDED PARTS	2001-7012983	5/2/2000	642880	10/30/2006		MI
Korea, Republic of	DUAL MOTOR DRIVE SYSTEM FOR INJECTION MOLDING MACHINES	7012963	4/10/2000	692423	3/2/2007		MI
Korea, Republic of	FLUID W/ SULFURIZED LUBR	94111265.8	6/19/1994	656415	10/8/1997		MI
Luxembourg	DC BRUSHLESS MOTOR IMM	22714	10/5/1990	174413	5/13/1994		MI
Mexico	FLUID W/ SULFURIZED LUBR	9406594	8/30/1994	184563	4/29/1997		MI
Mexico	MOLDING MACHINE HAVING VECTOR CONTROLLED AC DRIVES	9406505	8/26/1994	185204	7/2/1997		MI
Mexico	MONOISOPRO/AMINE	9409728	12/15/1994	193103	8/24/1999		MI
Mexico	IMM WITHOUT TIE BARS	9704304	12/1/1995	196836	6/6/2000		MI
Mexico	METHOD FOR SIMULTANEOUS CONTROL OF MULTIPLE ACCUMULATORS	99/01924	8/22/1997	212676	1/27/2003		MI
Mexico	MACHINING METALWORKING FLUID AND METHOD OF MACHINING	02/08671	8/17/2001	225626	1/17/2005		MI
Mexico	MULTI-MEDIA ENHANCED PROGRAM CONTROLLED MACHINE	03/02087	9/11/2001	241321	10/23/2006		MI
Netherlands	FLUID W/ SULFURIZED LUBR	94111265.8	6/19/1994	656415	10/8/1997		MI
Netherlands	MONOISOPRO/AMINE	95904874.5	12/12/1994	684980	5/31/2000		MI
New Zealand	FLUID W/ SULFURIZED LUBR	260556	5/19/1994	260556	1/9/1996		MI
New Zealand	MONOISOPRO/AMINE	277971	12/12/1994	277971	7/1/1997		MI
Patent Cooperation Treaty	MACHINING METALWORKING FLUID AND METHOD OF MACHINING	01/25855	8/17/2001				MI
Patent Cooperation Treaty	HYBRID INJECTION MOLDING MACHINE	98/20765	9/30/1998			00/18560	MI
Patent Cooperation Treaty	TWO STAGE ELECTRIC INJECTION UNIT WITH ROTATABLE PLUNGER	98/20784	9/30/1998			WO/9941056	MI
Patent Cooperation Treaty	ELECTRICALLY DRIVEN APPARATUS FOR ELECTING INJECTION MOLDED PARTS	00/12113	5/2/2000				MI
Patent Cooperation Treaty	IMPACTING METHOD AND MACHINING FOR FORMING COMPACTS	99/05756	3/16/1999			99/51426	MI
Patent Cooperation Treaty	RAM SUPPORT SKATE FOR AN INJECTION MOLDING MACHINE	98/09736	5/13/1998			98/51469	MI
Patent Cooperation Treaty	DUAL MOTOR DRIVE SYSTEM FOR INJECTION MOLDING MACHINES	00/09505	4/10/2000				MI
Patent Cooperation Treaty	MULTI-MEDIA ENHANCED PROGRAM CONTROLLED MACHINE	01/28398	9/11/2001			02/23287	MI

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Patents, Patent Applications and Patent Licenses

PATENTS

Owner: Millicron Inc. (MI)

Country	Short Title	Application No.	Date Filed	Patent No.	Grant Date	Publication No.	Owner
South Africa	MONOSOPRO/AMINE	94/9904	12/13/1994	94/9904	10/25/1995		MI
South Africa	FLUID W/ SULFURIZED LUBR	94/3732	5/27/1994	94/3732	4/26/1995		MI
Spain	FLUID W/ SULFURIZED LUBR	94111265.8	6/19/1994	656415	10/8/1997		MI
Sweden	FLUID W/ SULFURIZED LUBR	94111265.8	6/19/1994	656415	10/8/1997		MI
Sweden	MONOSOPRO/AMINE	95904874.5	12/12/1994	684980	5/31/2000		MI
Switzerland	FLUID W/ SULFURIZED LUBR	94111265.8	6/19/1994	656415	10/8/1997		MI
United Kingdom	ENERGY CONSERVING INJECTION MOLDING MACHINE	90314225.5	12/14/1990	464286	8/31/1994		MI
United Kingdom	FLUID W/ SULFURIZED LUBR	94111265.8	6/19/1994	656415	10/8/1997		MI
United Kingdom	PREHEATING APPARATUS FOR AN EXTRUDER	94906712.8	1/21/1994	680402	3/17/1999		MI
United Kingdom	MONOSOPRO/AMINE	95904874.5	12/12/1994	684980	5/31/2000		MI
United Kingdom	ELECTROMECHANICAL DRIVE ASSEMBLY FOR AN ACCUMULATOR HEAD	96925356.6	7/18/1996	885108	9/13/2000		MI
United Kingdom	METHOD FOR SIMULTANEOUS CONTROL OF MULTIPLE ACCUMULATORS	97942382.9	8/22/1997	923447	2/19/2003		MI
United Kingdom	IMPACTING METHOD AND MACHINING FOR FORMING COMPACTS	09/056819	4/8/1998				MI
United States of America	IMPACTING METHOD AND MACHINING FOR FORMING COMPACTS	09/056819	4/8/1998				MI
United States of America	LOGIC CONTROLLED PLASTIC MOLDING MACHINE WITH PROGRAMMABLE OPERATING INTERFACE	368570	6/20/1989	5062052	10/29/1991		MI
United States of America	MOLDING MACHINE HAVING VECTOR CONTROLLED AC DRIVES	113627	8/31/1993	5362222	11/8/1994		MI
United States of America	COMPRESSION MOLDED NECK BODY WITH SMOOTH INNER WALL	09/755447	1/5/2001	6312248	11/6/2001	0002266-A1	MI
United States of America	MIXING SOLUTION FOR A FEED SCREW AND METHOD OF MAKING THE SAME	09/710109	11/9/2000	6547431	4/15/2003		MI
United States of America	MULTI-MEDIA ENHANCED PROGRAM CONTROLLED MACHINE	09/658888	9/11/2000	6609038	8/19/2003		MI

SCHEDULE 1A

Patents, Patent Applications and Patent Licenses

PATENTS

Owner: Milacron Industrial Products Inc. (MIP)

Country	Short Title	Application No.	Date Filed	Patent No.	Grant Date	Publication No.	Owner
United States of America	TITRATION APPARATUS	230445	4/20/1994	5389546	2/14/1995		MIP
United States of America	FLUID w/ SULFURIZED LUBR	156323	11/23/1993	5391310	2/21/1995		MIP
United States of America	MONOISOPRO/AMINE	412353	3/28/1995	5512191	4/30/1996		MIP
United States of America	AQUEOUS METALWORKING FLUID	538528	10/31/1995	5706684	1/13/1998		MIP
United States of America	MACHINING FLUID AND METHOD	995364	12/22/1997	5874390	2/23/1999		MIP
United States of America	CHARACTERIZATION OF FLUID MISTING	962549	10/31/1997	5889201	3/30/1999		MIP

PATENT

REEL: 022427 FRAME: 0101

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Patents, Patent Applications and Patent Licenses

PATENTS

Owner: Oak International Inc. (OI)

Country	Short Title	Application No.	Date Filed	Patent No.	Grant Date	Publication No.	Owner
United States of America	LUBRICATING OIL COMPOSITIONS USED IN METAL FORMING OPERATIONS	616247	3/15/1996	5809628	9/22/1998		OI

PATENT

REEL: 022427 FRAME: 0102

SCHEDULE 1A

Patents, Patent Applications and Patent Licenses

PATENTS

Owner: Uniloy Milacron Inc. (UMI)

Country	Short Title	Application No.	Date Filed	Patent No.	Issue Date	Publication No.	Owner
Australia	METHOD AND APPARATUS FOR BLOW MOLDING ASEPTIC CONTAINERS	2006244410	5/5/2006				UMI
Canada	CONTAINER	2000-1066					UMI
Canada	ACCUMULATOR HEAD WITH DIVERTER SLEEVE, METHOD AND APPARATUS FOR BLOW MOLDING ASEPTIC CONTAINERS	516053	8/15/1986	1247814	1/3/1989		UMI
China (Peoples Republic)	DESIGN FOR CONTAINER FOR LIQUIDS	680015372.5	5/5/2006	820783	3/5/1982		UMI
France	METHOD AND APPARATUS FOR BLOW MOLDING ASEPTIC CONTAINERS	4274/KOLNP07	5/5/2006				UMI
India	METHOD AND APPARATUS FOR BLOW MOLDING ASEPTIC CONTAINERS	06/17301	5/5/2006			06/121815	UMI
Patent Cooperation Treaty	ASEPTIC SEALING BLADE	01/03723	2/2/2001				UMI
Patent Cooperation Treaty	MILK JUG	98/23060	1/03/01/1998			99/22994	UMI
Patent Cooperation Treaty	QUICK CHANGE EJECTION STATION TOOLING	01/16997	5/24/2001			01/89803	UMI
Patent Cooperation Treaty	MOBILE TOOLING BASE	01/16998	5/24/2001			01/89792	UMI
Patent Cooperation Treaty	BLOW MOLDING MACHINE HAVING FLEXIBLE CAVITATION	01/16996	5/24/2001			01/89791	UMI
Patent Cooperation Treaty	UNRESTRAINED PREFORM CARRIERS FOR A BLOW MOLDING MACHINE	01/16744	5/24/2001			01/89790	UMI
Patent Cooperation Treaty	SEALING BLADE FOR SEALING OF A BLOW MOLDED CONTAINER	01/03723	2/2/2001			01/89940	UMI
Patent Cooperation Treaty	ROTARY DEFASHING APPARATUS	01/03722	2/2/2001			01/89804	UMI
United States of America	METHOD AND APPARATUS FOR BLOW MOLDING CONTAINER AND BLOW MOLD ASSEMBLY	11/050492	2/2/2005			0170138-A1	UMI
United States of America	CONTAINER AND BLOW MOLD ASSEMBLY	11/194327	8/1/2005			07-0023385	UMI
United States of America	METHOD AND APPARATUS FOR BLOW MOLDING ASEPTIC CONTAINERS	11/253111	10/18/2005			0087075-A1	UMI
United States of America	APPARATUS FOR BLOW MOLDING	11/381819	5/6/2005			0249887-A1	UMI
United States of America	APPARATUS FOR BLOW MOLDING	11/761386	6/12/2007			0311239-A1	UMI
United States of America	APPARATUS FOR BLOW MOLDING	11/957858	12/17/2007				UMI
United States of America	DUAL PARISON EXTRUSION HEAD FOR MULTILAYER BLOW MOLDING	12/053558	3/22/2008				UMI
United States of America	COMBINATION PLASTIC AND GAS INJECTION NOZZLE ASSEMBLY AND SEQUENTIAL METHOD OF OPERATION	345566	5/1/1989	4940403	7/10/1990		UMI
United States of America	SEQUENTIAL METHOD OF OPERATION OF COMBINATION PLASTIC AND GAS INJECTION NOZZLE ASSEMBLY	522190	5/11/1990	5054689	10/8/1991		UMI
United States of America	METHOD FOR SORTING PLASTIC ARTICLES	701093	5/16/1991	5135703	8/4/1992		UMI
United States of America		477606	12/28/1990	5141110	8/25/1992		UMI

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Patents, Patent Applications and Patent Licenses

PATENTS

Owner: Uniloy Milacron Inc. (UMI)

United States of America	INJECTION BLOW MOLDING APPARATUS INCLUDING STACKED MOLDS	08/12/1985	9/30/1993	5518392	5/21/1996		UMI
United States of America	POST MOLDING ID NECK TRIMMING APPARATUS	09/584898	5/26/2000	6311593	11/6/2001		UMI
United States of America	ROTARY DEFLASHING APPARATUS	09/578811	5/24/2000	6360414	3/26/2002		UMI
United States of America	QUICK RELEASE VOLUME CONTROL INSERTS FOR MOLDING MACHINE	10/618783	7/14/2003	7014446	3/21/2006	0003045-A1	UMI
United States of America	METHOD AND APPARATUS FOR BLOW MOLDING ASEPTIC SEALING BLADE	10/884160	7/2/2004	7132076	11/7/2006		UMI
United States of America	APPARATUS FOR BLOW MOLDING	09/578810	5/24/2000	7150624	12/19/2006		UMI
United States of America	APPARATUS FOR BLOW MOLDING	11/050493	2/2/2005	7258538	8/21/2007	0172035-A1	UMI
United States of America	APPARATUS FOR BLOW MOLDING	11/054283	2/8/2005	7270529	9/18/2007	0177533-A1	UMI
United States of America	APPARATUS FOR BLOW MOLDING DESIGN	11/227266	9/15/2005	7338272	3/4/2008	0059396-A1	UMI
United States of America	BEVERAGE CONTAINER	29/069197	4/11/1997	D391854	3/10/1998		UMI
United States of America	BEVERAGE CONTAINER	29/078893	10/30/1997	D415035	10/12/1999		UMI
United States of America	BEVERAGE CONTAINER	29/106881	6/23/1999	D427076	6/27/2000		UMI

PATENT

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Patents, Patent Applications and Patent Licenses

PATENTS

Owner: Uniloy Milacron U.S.A. Inc. (UMU)

Country	Short Title	Application No.	Date Filed	Patent No.	Grant Date	Publication No.	Owner
Canada	APPARATUS AND METHOD FOR INJECTION MOLDING	2561067	9/26/2006	2561067	12/23/2008		UMU
European Patent Office	APPARATUS AND METHOD FOR INJECTION MOLDING	6020468.2	9/28/2006			04/051447	UMU
Patent Cooperation Treaty	POWER FAILURE DETECTION AND RESPONSE	03/36948	11/19/2003				UMU
United States of America	INJECTION MOLDING MACHINE	16325	12/13/1993	D357484	4/18/1995		UMU
United States of America	MOVABLE PLATEN	659150	2/22/1991	D341602	11/23/1993		UMU
United States of America	ELECTROMECHANICAL DRIVE ASSEMBLY FOR AN						
United States of America	ACCUMULATOR HEAD	09/304318	5/3/1999	RE36682	5/2/2000		UMU
United States of America	PRECISION COINING MACH	228771	8/4/1988	4907960	3/13/1990		UMU
United States of America	ADAPTIVE TONNAGE CONTRL	265709	11/1/1988	4942004	7/17/1990		UMU
United States of America	CYLINDER SEAL-VAC TUBE	301980	1/26/1989	4945724	8/7/1990		UMU
United States of America	DC BRUSHLESS MOTOR IMM	370669	6/23/1989	4988273	1/29/1991		UMU
United States of America	ENERGY CONSERVING INJECTION MOLDING MACHINE	616752	11/16/1990	5052909	10/1/1991		UMU
United States of America	OVER/UNDER EXTRUDERS	631235	12/20/1990	5076777	12/31/1991		UMU
United States of America	PLURAL MLD DRV	600850	10/22/1990	5102327	4/7/1992		UMU
United States of America	ACCUMULATOR HEAD	726227	7/5/1991	5116215	5/26/1992		UMU
United States of America	MOVABLE PLATEN	638994	11/10/1991	5123834	6/23/1992		UMU
United States of America	MOLD PROTECT-TONNAGE CON	714423	6/17/1991	5149471	9/22/1992		UMU
United States of America	REV TAPER SPIRAL CHAN	666706	3/8/1991	5178458	1/12/1993		UMU
United States of America	VEL PROFILE ON LOCKOVER	705831	5/28/1991	5180550	1/19/1993		UMU
United States of America	VEL CONTROL	758663	9/12/1991	5185109	2/9/1993		UMU
United States of America	PLURAL MLD DRV	791205	11/13/1991	5190714	3/2/1993		UMU
United States of America	SLIDING EXTRUSION HEAD	820241	11/4/1992	5208049	5/4/1993		UMU
United States of America	MASTER/SLAVE CONTROLLER	900811	6/17/1992	5239247	8/24/1993		UMU
United States of America	TWO-STAGE INJECTION	229476	4/18/1994	5454995	10/3/1995		UMU
United States of America	MOTOR CURRENT CONTROL	240128	5/10/1994	5469038	11/21/1995		UMU
United States of America	LIQUID COOLING FOR ELECTRICAL COMPONENT OF A						
United States of America	PLASTICS PROCESSING MACHINE	231080	4/22/1994	5523640	6/4/1996		UMU
United States of America	IMM WITHOUT TIE BARS	354175	12/12/1994	5538415	7/23/1996		UMU
United States of America	CO-INJECTION MACHINE	439925	5/12/1995	5601773	2/11/1997		UMU
United States of America	DUAL FLOW DIVIDER WITH DIVERTER VALVE	419306	4/10/1995	5616350	4/1/1997		UMU
United States of America	LIQUID COOLING FOR ELECTRICAL COMPONENT OF A						
United States of America	PLASTICS PROCESSING MACHINE	553791	10/23/1995	5620646	4/15/1997		UMU
United States of America	MULTI-FUNCTION MOTOR	560129	11/17/1995	5645868	7/8/1997		UMU
United States of America	ELECTROMECHANICAL DRIVE ASSEMBLY FOR AN						
United States of America	ACCUMULATOR HEAD	514578	8/14/1995	5645873	7/8/1997		UMU
United States of America	DUAL FLOW DIVIDER WITH DIVERTER VALVE	781253	1/10/1997	5711349	1/27/1998		UMU
United States of America	PREHEATING APPARATUS FOR AN EXTRUDER	08/308876	9/19/1994	5750158	5/12/1998		UMU
United States of America	RETAINER FOR THE DIE PIN IN AN ACCUMULATOR						
United States of America	HEAD	832513	4/3/1997	5792486	8/11/1998		UMU
United States of America	PREHEATING APPARATUS FOR AN EXTRUDER	08/835260	4/8/1997	5807517	9/15/1998		UMU
United States of America	TWO STAGE ELECTRIC INJECTION UNIT FOR A						
United States of America	MOLDING MACHINE	901744	7/28/1997	5863567	1/26/1999		UMU

PATENT

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Patents, Patent Applications and Patent Licenses

PATENTS

Owner: Uniloy Milacron U.S.A. Inc. (UMU)

Country	Short Title	Application No.	Date Filed	Patent No.	Grant Date	Publication No.	Owner
United States of America	FLEXIBLE LOCKING GATE FOR AN EXTRUDER ACCUMULATOR HEAD HAVING A SEGMENTED BARREL	08/761915	12/9/1996	5900260	5/4/1999		UMU
United States of America	METHOD AND APPARATUS FOR DETECTING ABERRANT MOTOR OPERATION IN A PLASTICS PROCESSING MACHINE	42272	3/13/1998	5929583	7/27/1999		UMU
United States of America	METHOD AND APPARATUS FOR VERIFYING THE POSITION OF A MOTOR DRIVER MACHINE ELEMENT	09/042298	3/13/1998	6011376	1/4/2000		UMU
United States of America	TWO STAGE ELECTRIC INJECTION UNIT WITH ROTATABLE PLUNGER	09/024731	2/17/1998	6086353	7/11/2000		UMU
United States of America	DIE PIN STROKE POSITIONER	09/203865	12/2/1998	6142762	11/7/2000		UMU
United States of America	DUAL MOTOR DRIVE SYSTEM FOR INJECTION MOLDING MACHINES	09/294081	4/16/1999	6149418	11/21/2000		UMU
United States of America	METHOD FOR SIMULTANEOUS CONTROL OF MULTIPLE ACCUMULATORS	09/242832	8/22/1997	6171531	1/9/2001		UMU
United States of America	TWO STAGE ELECTRIC INJECTION UNIT WITH ROTATABLE PLUNGER	09/248935	2/12/1999	6193499	2/17/2001		UMU
United States of America	LOCKING APPARATUS FOR A MOVABLE PLATEN	09/326237	6/4/1999	6231329	5/15/2001		UMU
United States of America	METHOD AND APPARATUS FOR SETTING DIE HEIGHT	09/437133	11/10/1999	6419861	7/16/2002		UMU
United States of America	TWO STAGE ELECTRIC INJECTION UNIT WITH ROTATABLE PLUNGER	09/770343	1/26/2001	6471904	10/29/2002		UMU
United States of America	METHOD AND APPARATUS FOR EJECTOR SET-UP	09/499284	2/7/2000	6533972	3/18/2003		UMU
United States of America	POWER FAILURE DETECTION AND RESPONSE	10/308944	12/3/2002	6988222	1/17/2006	0107384-A1	UMU
United States of America	APPARATUS AND METHOD FOR INJECTION MOLDING	11/239192	9/29/2005	7347965	3/25/2008	0069425-A1	UMU

PATENT

REEL: 022427 FRAME: 0106

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Patents, Patent Applications and Patent Licenses

LICENSES

Patent Licenses

License Grants

Licensor Licensee
MI

Effective Date	Type	Notes
1/1/1990	PLO Inter-company IP	
CIMCOOL INDUSTRIAL PRODUCTS B.V.		
UNIVERSITY OF CINCINNATI		
BATTENFELD IMT	2/14/2002	PLO Patent US 5,889,201
BATTENFELD SERVICE GMBH	9/12/2003	PLO Patent US 5,062,052 (Confidential)
DR. BOY GMBH & CO.	6/9/1997	PLO Patent EP0566681
ENGEL MASCHINENBAU GMBH	2/7/2002	PLO Patent US 5,062,052 (Confidential settlement)
GRAHAM ENGINEERING CORPORATION	11/17/1998	PLO Patent US 5,052,909
HUSKY INJECTION MOLDING SYSTEMS, LTD.	06/28/2004	PLO Patent US 5,062,052 (Confidential settlement)
MAGNUM LLC	6/22/2000	PLO Patent US 5,062,052 (Confidential Settlement)
MANNESMANN GROUP	5/1/1997	PLO Patent US 5,052,909
NISSEI PLASTIC INDUSTRIAL CO., LTD.	9/20/2000	PLO Patent US 5,062,052 (Confidential)
SANDRETTO INDUSTRIES S.P.A.	12/31/2005	PLO Patent US 5,052,909
SIDEL S.A.	9/17/2001	PLO Patent US 5,062,052 (Confidential Settlement)
SIG PLASTICS INTERNATIONAL GMBH	3/27/2002	PLO Patent US 5,062,052 (Confidential Settlement--cross license)
SIPA S.P.A.	4/13/2001	PLO Patent US 5,062,052 (Confidential Settlement)
U.S. PRECISION LENS INC.	2/21/2002	PLO Patent US 5,062,052 (Confidential Settlement)
UBE INDUSTRIES, LTD.	2/14/1995	PLO Patent US 5,052,909
VICKERS, INC.	11/6/2000	PLO Patent US 5,062,052 (Confidential Settlement)
VICKERS, INC.	9/30/1997	PLO CROSS LICENSE (Patent US 5,062,052)
VICKERS, INC.	5/15/1998	PLO Patent US 6,011,376

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Patents, Patent Applications and Patent Licenses

LICENSES

Licensor Licensee

Effective Date Type

Notes

UNI

SIMCO/RAMIC CORP.

11/17/1994

PLO Patent US 5,141,110

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Patents, Patent Applications and Patent Licenses

LICENSES

License Rights

Licensee	Licensor	Effective Date	Type	Notes
DME	BOKICH, MICHAEL STEVEN ORYCON CONTROL TECHNOLOGY, INC. VANDENBERG, L.A. VANDENBERG, L.A. VANDENBERG, L.A. VANDENBERG, L.A. VANDENBERG, L.A.	8/31/2001 8/28/2002 5/4/1993 6/1/1993 3/14/1995 3/1/1996	PLI PLI PLI PLI PLI PLI	Invention assignment w/royalty provision Confidential Settlement (US 5,227,179) Patent assignment w/royalty provision (US 5234329) Patent assignment w/royalty provision (US 5208053) Patent assignment w/royalty provision (US 5397226) Patent assignment w/royalty provision (US 5494435)
M1	BEMIS MANUFACTURING COMPANY BEMIS MANUFACTURING COMPANY LEMELSON FOUNDATION	7/19/1994 1/26/1995 1/2/1999	PLI PLI PLI	U.S. Patent No. 5,486,327 Colorant Injection technology U.S. Patent No. 5,650,178 Co-injection technology Patents (Confidential)
MPTG	CINPRES LIMITED LEMELSON, JEROME REINHART, LAWRENCE W. Trexel, Inc. Trexel, Inc. VICKERS, INC. WOMER, TIMOTHY	2/21/1994 1/17/1992 4/23/2003 7/15/1999 7/27/2000 9/30/1997 3/5/2001	PLI PLI PLI PLI PLI PLI PLI	Patents--gas injection Patents--Paid up Patent US 5,106,276 IMM EXT CROSS LICENSE (5,266,874) Royalty Agreement (US 6,547,431)
UNI	UNILLOY MILACRON USA INC. HIRSCHBERGER, MICHAEL SIDEL S.A.	1/1/2000 1/29/1996 3/27/2002	PLI PLI PLI	Inter-company IP UNILLOY BK (US 5,046,938) Patent US 5,968,560 (Confidential Settlement--cross license)

PATENT