

TRADEMARK ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE BY SECURED PARTY

CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
Bank of America, N.A.		05/31/2013	CORPORATION:

RECEIVING PARTY DATA

Name:	Flow International Corporation
Street Address:	23500 64th Avenue South
City:	Kent
State/Country:	WASHINGTON
Postal Code:	98032
Entity Type:	CORPORATION: WASHINGTON

PROPERTY NUMBERS Total: 29

Property Type	Number	Word Mark
Registration Number:	3021638	ACTIVE TOLERANCE CONTROL
Registration Number:	1964361	COUGAR
Registration Number:	2375714	DECKHOG
Registration Number:	2910423	DURAFLOW
Registration Number:	2785072	DYNAMIC WATERJET
Registration Number:	2290982	ESL
Registration Number:	3435099	FLOW
Registration Number:	3435436	FLOW
Registration Number:	3452750	FLOW
Registration Number:	3452751	FLOW
Registration Number:	2686853	
Registration Number:	3677608	FLOWCONNEX
Registration Number:	2066948	FLOWCUT
Registration Number:	3758220	FLOWJET

CH \$740.00 3021638

Registration Number:	2066949	FLOWMASTER
Registration Number:	2188188	FLOWNEST
Registration Number:	2066957	FLOWPATH
Registration Number:	2263943	HORNET
Registration Number:	2246964	HORNET
Registration Number:	1962160	HUSKY
Registration Number:	2898074	HYPERJET
Registration Number:	2972743	HYPLEX
Registration Number:	1891944	PASER
Registration Number:	3433112	POWERED BY FLOW
Registration Number:	3433111	POWERED BY FLOW
Registration Number:	3709063	WATERJET CONNECT
Registration Number:	3433166	WATERJETPRO
Registration Number:	4141187	XD
Serial Number:	85940093	SIDEFIRE

CORRESPONDENCE DATA

Fax Number: 2066826031
Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.
Phone: 206-622-4900
Email: ColleenM@SeedIP.com
Correspondent Name: Lorraine Linford
Address Line 1: 701 Fifth Avenue
Address Line 2: Suite 5400
Address Line 4: Seattle, WASHINGTON 98104

ATTORNEY DOCKET NUMBER:	340058.004
NAME OF SUBMITTER:	Lorraine Linford
Signature:	/Lorraine Linford/
Date:	06/17/2013

Total Attachments: 38

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**NOTICE
OF
RELEASE OF SECURITY INTEREST
IN PATENTS AND TRADEMARKS**

United States Patent and Trademark Office and International Intellectual Property Offices

Gentlemen:

Please be advised that pursuant to the First Amendment to Third Amended and Restated Credit Agreement dated as of May 31, 2013, by and between FLOW INTERNATIONAL CORPORATION, a Washington corporation ("Borrower") and BANK OF AMERICA, N.A., as Lender, and BANK OF AMERICA, N.A., as Agent, Swing Line Lender and L/C Issuer, the undersigned Agent hereby terminates and releases all security interests in all Borrower's Intellectual Property (as defined in such First Amendment), including but not limited to all trademarks, trademark applications and trademark registrations listed in Attachment A and all patent applications and issued patents noted in Attachment B, including all goodwill associated therewith and all rights to sue for infringement thereof.

IN WITNESS WHEREOF, the parties hereto have caused this Notice of Release of Security Interest in Patents and Trademarks to be duly executed as of the date first above written.

BANK OF AMERICA, N.A., as Agent

By: _____

Name: Gordon H. Gray

Title: Senior Vice President

Acknowledged and Accepted:

FLOW INTERNATIONAL CORPORATION

By: _____

Name: _____

Title: _____

**NOTICE
OF
RELEASE OF SECURITY INTEREST
IN PATENTS AND TRADEMARKS**

United States Patent and Trademark Office and International Intellectual Property Offices

Gentlemen:

Please be advised that pursuant to the First Amendment to Third Amended and Restated Credit Agreement dated as of May 31, 2013, by and between FLOW INTERNATIONAL CORPORATION, a Washington corporation ("Borrower") and BANK OF AMERICA, N.A., as Lender, and BANK OF AMERICA, N.A., as Agent, Swing Line Lender and L/C Issuer, the undersigned Agent hereby terminates and releases all security interests in all Borrower's Intellectual Property (as defined in such First Amendment), including but not limited to all trademarks, trademark applications and trademark registrations listed in Attachment A and all patent applications and issued patents noted in Attachment B, including all goodwill associated therewith and all rights to sue for infringement thereof.

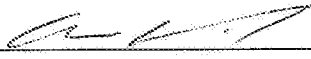
IN WITNESS WHEREOF, the parties hereto have caused this Notice of Release of Security Interest in Patents and Trademarks to be duly executed as of the date first above written.

BANK OF AMERICA, N.A., as Agent

By: _____
Name: _____
Title: _____

Acknowledged and Accepted:

FLOW INTERNATIONAL CORPORATION

By: 
Name: Allen Hsieh
Title: CFO

Trademark	Case Number Country	SubCase Case Type	Status Classes	Application Number/Date	Registration Number/Date
ACTIVE TOLERANCE CONTROL	340058.339BR Brazil	ORD	Pending 09 Int.	825258430 28-Jan-2003	
ACTIVE TOLERANCE CONTROL	340058.315CT European Community	ORD	Registered 09 Int.	003027091 28-Jan-2003	003027091 17-Jan-2005
ACTIVE TOLERANCE CONTROL	340058.343MX Mexico	ORD	Registered 09 Int.	586004 29-Jan-2003	793826 29-May-2003
ACTIVE TOLERANCE CONTROL	340058.327TW Taiwan	ORD	Registered 09 Int.	92006445 28-Jan-2003	1121307 01-Oct-2004
ACTIVE TOLERANCE CONTROL	340058.294 United States of America	ORD	Registered 09 Int.	78/148535 29-Jul-2002	3021638 29-Nov-2005
COUGAR	340058.236 United States of America	ORD	Registered 07 Int.	74/280569 02-Jun-1992	1964361 26-Mar-1996
D-EAGLE	340058.20058BR Brazil	ORD	Published 07 Int.	830256946 29-May-2009	
DECK HOG	340058.20050BR Brazil	ORD	Published 07 Int.	830256938 29-May-2009	
DECK HOG	340058.214 United States of America	ORD	Registered 07 Int.	75/380375 28-Oct-1997	2375714 08-Aug-2000
D-HUSKY	340058.20047BR Brazil	ORD	Published 07 Int.	830256954 29-May-2009	
DURAFLOW	340058.360 United States of America	ORD	Registered 07 Int.	78/232680 01-Apr-2003	2910423 14-Dec-2004
DYNAMIC WATERJET	340058.338BR Brazil	ORD	Pending 07 Int.	825258448 28-Jan-2003	
DYNAMIC WATERJET	340058.20064CT European Community	ORD	Pending 07 Int.	011711355 04-Apr-2013	
DYNAMIC WATERJET	340058.379FR France	ORD	Registered 07 Int.	063428451 28-Jan-2003	063428451 28-Jan-2003

TRADEMARK

REEL: 005049 FRAME: 0389

Trademark	Case Number Country	SubCase Case Type	Status Classes	Application Number/Date	Registration Number/Date
DYNAMIC WATERJET	340058.293WP Int'l Registration - Madrid Protocol Only	ORD	Registered 07 Int.	A0015605 20-Mar-2009	998105 20-Mar-2009
DYNAMIC WATERJET	340058.293PIL Israel	MPR	Pending 07 Int.	24-Jan-2013	
DYNAMIC WATERJET	340058.380IT Italy	ORD	Registered 07 Int.	RM2006C004995 30-Aug-2006	1184710 07-Apr-2009
DYNAMIC WATERJET	340058.334JP Japan	ORD	Registered 07 Int.	2003-5312 27-Jan-2003	4964340 23-Jun-2006
DYNAMIC WATERJET	340058.378PL Poland	ORD	Registered 07 Int.	Z-312250 01-May-2004	R-233682 08-Oct-2010
DYNAMIC WATERJET	340058.293PRU Russian Federation	MPR	Registered 07 Int.	20-Mar-2009	998105 20-Mar-2009
DYNAMIC WATERJET	340058.20063SA Saudi Arabia	ORD	Pending 07 Int.	193529 12-Mar-2013	
DYNAMIC WATERJET	340058.377ES Spain	ORD	Registered 07 Int.	2699821 06-Mar-2006	2699821 23-Aug-2006
DYNAMIC WATERJET	340058.318CH Switzerland	ORD	Registered 07 Int.	50252/2003 28-Jan-2003	529204 29-Dec-2004
DYNAMIC WATERJET	340058.326TW Taiwan	ORD	Registered 07 Int.	92006442 28-Jan-2003	1150750 01-May-2005
DYNAMIC WATERJET	340058.293PTR Turkey	MPR	Pending 07 Int.	24-Jan-2013	
DYNAMIC WATERJET	340058.20062AE United Arab Emirates	ORD	Pending 07 Int.	186331 06-Feb-2013	
DYNAMIC WATERJET	340058.381GB United Kingdom	ORD	Registered 07 Int.	2522203 28-Jul-2009	2522203 18-May-2012
DYNAMIC WATERJET	340058.01002 United States of America	CUS	Registered 07 Int.		TMK06-00417 22-Apr-2006

TRADEMARK

REEL: 005049 FRAME: 0390

Trademark	Case Number Country	SubCase Case Type	Status Classes	Application Number/Date	Registration Number/Date
DYNAMIC WATERJET	340058.293 United States of America	ORD	Registered 07 Int.	78/148549 29-Jul-2002	2785072 18-Nov-2003
DYNAMIC WATERJET and Design	340058.20054BR Brazil	ORD	Opposed 07 Int.	830256989 29-May-2009	
DYNAMIC WATERJET and Design	340058.20036CN China (People's Republic)	ORD	Pending 07 Int.	7567511 24-Jul-2009	
DYNAMIC WATERJET and Design	340058.20013DE Germany	ORD	Registered 07 Int.	302008000575.0 07-Jan-2008	302008000575 15-May-2008
DYNAMIC WATERJET in Katakana	340058.368JP Japan	ORD	Registered 07 Int.	2004-15090 19-Feb-2004	4979871 18-Aug-2006
ECL PLUS	340058.363CA Canada	ORD	Registered 00 CA	1183327 02-Jul-2003	646176 19-Aug-2005
ECL PLUS	340058.362CT European Community	ORD	Registered 07 Int.	003254042 03-Jul-2003	3254042 23-Dec-2004
ECL PLUS	340058.364MX Mexico	ORD	Registered 07 Int.	612723 31-Jul-2003	805784 04-Sep-2003
ECL PLUS	340058.365TW Taiwan	ORD	Registered 07 Int.	092041757 04-Jul-2003	1110583 16-Jul-2004
ESL	340058.217 United States of America	ORD	Registered 07 Int.	75/493755 01-Jun-1998	2290982 09-Nov-1999
FLOW	340058.347OFR France	IR	Registered 07 Int., 42 Int.		786305 30-Jul-2002
FLOW	340058.355DE Germany	ORD	Registered 07 Int., 42 Int.	301163472 12-Mar-2001	30116347 24-Jun-2002
FLOW	340058.347WO Int'l Registration - Madrid Agreement / Protocol	ORD	Registered 07 Int., 42 Int.		786305 30-Jul-2002
FLOW	340058.347OIT Italy	IR	Registered 07 Int., 42 Int.		786305 30-Jul-2002

TRADEMARK

REEL: 005049 FRAME: 0391

Trademark	Case Number Country	SubCase Case Type	Status Classes	Application Number/Date	Registration Number/Date
FLOW	340058.347OES Spain	IR	Registered 07 Int., 42 Int.		786305 30-Jul-2002
FLOW	340058.347OSE Sweden	IR	Registered 07 Int., 42 Int.		786305 30-Jul-2002
FLOW	340058.347OGB United Kingdom	IR	Registered 07 Int., 42 Int.		786305 30-Jul-2002
FLOW	340058.20002 United States of America	ORD	Registered 07 Int.	77/282800 18-Sep-2007	3435099 27-May-2008
FLOW	340058.20003 United States of America	ORD	Registered 09 Int.	77/287537 24-Sep-2007	3435436 27-May-2008
FLOW AND DESIGN	340058.20026AR Argentina	ORD	Registered 07 Int.	2811308 19-Mar-2008	2287055 14-May-2009
FLOW AND DESIGN	340058.20027AR Argentina	ORD	Registered 09 Int.	2811309 19-Mar-2008	2399352 08-Oct-2010
FLOW AND DESIGN	340058.20004PAU Australia	MPR	Registered 07 Int., 09 Int.	14-Mar-2008	959284 14-Mar-2008
FLOW AND DESIGN	340058.20004PBY Belarus	MPR	Registered 07 Int., 09 Int.	30-Mar-2009	959284 14-Mar-2008
FLOW AND DESIGN	340058.20028BR Brazil	ORD	Registered 07 Int.	829300066 11-Sep-2007	829300066 05-Mar-2013
FLOW AND DESIGN	340058.20029BR Brazil	ORD	Registered 37 Int.	829300074 11-Sep-2007	829300074 14-Dec-2010
FLOW AND Design	340058.20048BR Brazil	ORD	Published 35 Int.	830256997 29-May-2009	
FLOW AND DESIGN	340058.20024CA Canada	ORD	Registered 00 CA	1388325 20-Mar-2008	764050 12-Apr-2010
FLOW AND DESIGN	340058.20004PCN China (People's Republic)	MPR	Pending 07 Int., 09 Int.	14-Mar-2008	

TRADEMARK

REEL: 005049 FRAME: 0392

Trademark	Case Number Country	SubCase Case Type	Status Classes	Application Number/Date	Registration Number/Date
FLOW AND DESIGN	340058.20014CN China (People's Republic)	ORD	Registered 07 Int.	3423828 02-Jan-2003	3423828 07-Mar-2005
FLOW AND DESIGN	340058.20004PCT European Community	MPR	Registered 07 Int., 09 Int.	14-Mar-2008	959284 14-Mar-2008
FLOW AND DESIGN	340058.20017IN India	ORD	Published 07 Int., 09 Int.	1665662 17-Mar-2008	
FLOW AND DESIGN	340058.20019ID Indonesia	ORD	Registered 07 Int., 09 Int.	D002008010031 24-Mar-2008	IDM000245218 30-Apr-2010
FLOW AND DESIGN	340058.20004WP Int'l Registration - Madrid Protocol Only	ORD	Registered 07 Int., 09 Int.	A0011721 14-Mar-2008	959284 14-Mar-2008
FLOW AND DESIGN	340058.20004PIL Israel	MPR	Pending 07 Int., 09 Int.	24-Jan-2013	
FLOW AND DESIGN	340058.20004PJP Japan	MPR	Registered 07 Int., 09 Int.	14-Mar-2008	959284 14-Mar-2008
FLOW AND DESIGN	340058.20004PKR Korea, Republic of	MPR	Registered 07 Int., 09 Int.	14-Mar-2008	959284 14-Mar-2008
FLOW AND DESIGN	340058.20016MY Malaysia	ORD	Allowed 07 Int.	08005456 19-Mar-2008	
FLOW AND DESIGN	340058.20020MY Malaysia	ORD	Allowed 09 Int.	08005455 19-Mar-2008	
FLOW AND DESIGN	340058.20022MX Mexico	ORD	Pending 07 Int.	922045 24-Mar-2008	
FLOW AND DESIGN	340058.20004PNO Norway	MPR	Registered 07 Int., 09 Int.	30-Mar-2009	959284 14-Mar-2008
FLOW AND DESIGN	340058.20004PRU Russian Federation	MPR	Registered 07 Int., 09 Int.	14-Mar-2008	959284 14-Mar-2008
FLOW and Design	340058.20060SA Saudi Arabia	ORD	Pending 07 Int.	193527 12-Mar-2013	

TRADEMARK

REEL: 005049 FRAME: 0393

Trademark	Case Number Country	SubCase Case Type	Status Classes	Application Number/Date	Registration Number/Date
FLOW and Design	340058.20061SA Saudi Arabia	ORD	Pending 09 Int.	193528 12-Mar-2013	
FLOW AND DESIGN	340058.20004PCH Switzerland	MPR	Registered 07 Int., 09 Int.	14-Mar-2008	959284 14-Mar-2008
FLOW AND DESIGN	340058.20025TW Taiwan	ORD	Registered 07 Int., 09 Int.	097012504 20-Mar-2008	1382885 15-Oct-2009
FLOW AND DESIGN	340058.20021TH Thailand	ORD	Registered 09 Int.	690697 24-Mar-2008	Kor302430 19-Aug-2009
FLOW AND DESIGN	340058.20004PTR Turkey	MPR	Pending 07 Int., 09 Int.	24-Jan-2013	
FLOW AND DESIGN	340058.20004PUA Ukraine	MPR	Registered 07 Int.	30-Mar-2009	959284 14-Mar-2008
FLOW AND DESIGN	340058.20037AE United Arab Emirates	ORD	Pending 07 Int.	128761 30-Apr-2009	
FLOW AND DESIGN	340058.20004 United States of America	ORD	Registered 07 Int.	77/287544 24-Sep-2007	3452750 24-Jun-2008
FLOW AND DESIGN	340058.20007 United States of America	ORD	Registered 09 Int.	77/287550 24-Sep-2007	3452751 24-Jun-2008
FLOW AND DESIGN	340058.20004PVN Vietnam	MPR	Registered 07 Int., 09 Int.	14-Mar-2008	959284 14-Mar-2008
FLOW AND WORLD DESIGN	340058.266TW Taiwan	ORD	Registered 84 TW	00633733 26-May-1993	00633733 16-Feb-1994
FLOW LATINO and Wave Design	340058.20066BR Brazil	ORD	Published 07 Int.	904782115 08-May-2012	
FLOW LATINO and Wave Design	340058.20067BR Brazil	ORD	Published 35 Int.	904782190 08-May-2012	
FLOW LATINO and Wave Design	340058.20068BR Brazil	ORD	Published 37 Int.	904782247 08-May-2012	

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REEL: 005049 FRAME: 0394

Trademark	Case Number Country	SubCase Case Type	Status Classes	Application Number/Date	Registration Number/Date
Flow Wave Design	340058.351OFR France	IR	Registered 07 Int., 42 Int.	11-Sep-2001	769176 11-Sep-2001
Flow Wave Design	340058.357DE Germany	ORD	Registered 07 Int., 42 Int.	30116345.6 12-Mar-2001	30116345 26-Jun-2001
Flow Wave Design	340058.351WO Int'l Registration - Madrid Agreement / Protocol	ORD	Registered 07 Int., 42 Int.	11-Sep-2001	769176 11-Sep-2001
Flow Wave Design	340058.351OIT Italy	IR	Registered 07 Int., 42 Int.	11-Sep-2001	769176 11-Sep-2001
Flow Wave Design	340058.351OES Spain	IR	Registered 07 Int., 42 Int.	11-Sep-2001	769176 11-Sep-2001
Flow Wave Design	340058.351OSE Sweden	IR	Registered 07 Int., 42 Int.	11-Sep-2001	769176 11-Sep-2001
FLOW WAVE DESIGN	340058.20018TH Thailand	ORD	Registered 07 Int.	690694 24-Mar-2008	Kor306110 29-Oct-2009
Flow Wave Design	340058.351OGB United Kingdom	IR	Registered 07 Int., 42 Int.	11-Sep-2001	769176 11-Sep-2001
FLOW WAVE DESIGN	340058.224 United States of America	ORD	Registered 07 Int.	75/501611 12-Jun-1998	2686853 11-Feb-2003
FLOWCONNEX	340058.20031PCN China (People's Republic)	MPR	Registered 09 Int.	30-Dec-2008	990005 30-Dec-2008
FLOWCONNEX	340058.20031PCT European Community	MPR	Registered 09 Int.	30-Dec-2008	990005 30-Dec-2008
FLOWCONNEX	340058.20031WP Int'l Registration - Madrid Protocol Only	ORD	Registered 09 Int.	A0014851 30-Dec-2008	990005 30-Dec-2008
FLOWCONNEX	340058.20031PRU Russian Federation	MPR	Registered 09 Int.	30-Dec-2008	990005 30-Dec-2008
FLOWCONNEX	340058.20031 United States of America	ORD	Registered 09 Int.	77/514953 03-Jul-2008	3677608 01-Sep-2009

TRADEMARK

REEL: 005049 FRAME: 0395

Trademark	Case Number Country	SubCase Case Type	Status Classes	Application Number/Date	Registration Number/Date
FLOWCUT	340058.207 United States of America	ORD	Registered 09 Int.	75/099183 06-May-1996	2066948 03-Jun-1997
FLOWJET	340058.20015PCT European Community	MPR	Registered 07 Int.	29-Dec-2009	1026567 29-Dec-2009
FLOWJET	340058.20015WP Int'l Registration - Madrid Protocol Only	ORD	Registered 07 Int.	A0018226 29-Dec-2009	1026567 29-Dec-2009
FLOWJET	340058.20015 United States of America	ORD	Registered 07 Int.	77/410040 29-Feb-2008	3758220 09-Mar-2010
FLOWMASTER	340058.204PBY Belarus	MPR	Registered 09 Int.	20-Mar-2009	999103 20-Mar-2009
FLOWMASTER	340058.20038BR Brazil	ORD	Allowed 09 Int.	830228195 17-Apr-2009	
FLOWMASTER	340058.20052BR Brazil	ORD	Published 09 Int.	830256890 29-May-2009	
FLOWMASTER	340058.204PCN China (People's Republic)	MPR	Registered 09 Int.	20-Mar-2009	999103 20-Mar-2009
FLOWMASTER	340058.204PCT European Community	MPR	Registered 09 Int.	20-Mar-2009	999103 20-Mar-2009
FLOWMASTER	340058.349OFR France	IR	Registered 07 Int., 42 Int.	11-Sep-2001	769170 11-Sep-2001
FLOWMASTER	340058.354DE Germany	ORD	Registered 07 Int., 42 Int.	301163480 12-Mar-2001	30116348 18-Apr-2001
FLOWMASTER	340058.349WO Int'l Registration - Madrid Agreement / Protocol	ORD	Registered 07 Int., 42 Int.	11-Sep-2001	769170 11-Sep-2001
FLOWMASTER	340058.204WP Int'l Registration - Madrid Protocol Only	ORD	Registered 09 Int.	A0015610 20-Mar-2009	999103 20-Mar-2009
FLOWMASTER	340058.349OIT Italy	IR	Registered 07 Int., 42 Int.	11-Sep-2001	769170 11-Sep-2001

TRADEMARK

REEL: 005049 FRAME: 0396

Trademark	Case Number Country	SubCase Case Type	Status Classes	Application Number/Date	Registration Number/Date
FLOWMASTER	340058.204PNO Norway	MPR	Registered 09 Int.	20-Mar-2009	999103 20-Mar-2009
FLOWMASTER	340058.204PRU Russian Federation	MPR	Registered 09 Int.	20-Mar-2009	999103 20-Mar-2009
FLOWMASTER	340058.349OSE Sweden	IR	Registered 07 Int.	11-Sep-2001	769170 11-Sep-2001
FLOWMASTER	340058.204PCH Switzerland	MPR	Registered 09 Int.	20-Mar-2009	999103 20-Mar-2009
FLOWMASTER	340058.204PUA Ukraine	MPR	Registered 09 Int.	20-Mar-2009	999103 20-Mar-2009
FLOWMASTER	340058.349OGB United Kingdom	IR	Registered 07 Int., 42 Int.	11-Sep-2001	769170 11-Sep-2001
FLOWMASTER	340058.204 United States of America	ORD	Registered 09 Int.	75/099185 06-May-1996	2066949 03-Jun-1997
FLOWNEST	340058.20057BR Brazil	ORD	Published 09 Int.	830256881 29-May-2009	
FLOWNEST	340058.208 United States of America	ORD	Registered 09 Int.	75/099184 06-May-1996	2188188 08-Sep-1998
FLOWPATH	340058.206 United States of America	ORD	Registered 09 Int.	75/099389 06-May-1996	2066957 03-Jun-1997
HORNET	340058.201 United States of America	ORD	Registered 07 Int.	75/202124 21-Nov-1996	2263943 27-Jul-1999
HORNET AND DESIGN	340058.202 United States of America	ORD	Registered 07 Int.	75/202106 21-Nov-1996	2246964 25-May-1999
HUSKY	340058.235 United States of America	ORD	Registered 07 Int.	74/280756 02-Jun-1992	1962160 12-Mar-1996
HYDROCAT	340058.20049BR Brazil	ORD	Opposed 07 Int.	830256962 29-May-2009	

TRADEMARK

REEL: 005049 FRAME: 0397

Trademark	Case Number Country	SubCase Case Type	Status Classes	Application Number/Date	Registration Number/Date
HYPERJET	340058.20006CT European Community	ORD	Registered 07 Int.	6087481 10-Jul-2007	6087481 15-May-2008
HYPERJET	340058.299 United States of America	ORD	Registered 07 Int.	78/152501 08-Aug-2002	2898074 26-Oct-2004
HYPLEX	340058.341BR Brazil	ORD	Registered 07 Int.	825258413 28-Jan-2003	825258413 22-Jan-2008
HYPLEX	340058.333CN China (People's Republic)	ORD	Registered 07 Int.	3451027 29-Jan-2003	3451027 14-Jul-2004
HYPLEX	340058.317CT European Community	ORD	Registered 07 Int.	003027083 28-Jan-2003	003027083 07-Dec-2004
HYPLEX	340058.337JP Japan	ORD	Registered 07 Int.	2003-5315 27-Jan-2003	4945059 14-Apr-2006
HYPLEX	340058.345MX Mexico	ORD	Registered 07 Int.	586006 29-Jan-2003	789834 30-Apr-2003
HYPLEX	340058.321CH Switzerland	ORD	Registered 07 Int.	50250/2003 28-Jan-2003	508319 01-Apr-2003
HYPLEX	340058.329TW Taiwan	ORD	Registered 07 Int.	92006443 28-Jan-2003	1069743 01-Dec-2003
HYPLEX	340058.296 United States of America	ORD	Registered 07 Int.	78/148531 29-Jul-2002	2972743 19-Jul-2005
IFB-INTEGRATED FLYING BRIDGE	340058.20046BR Brazil	ORD	Published 07 Int.	830256920 29-May-2009	
INSTAJET	340058.277JP Japan	ORD	Registered 07 Int.	S62-031728 26-Mar-1987	2707786 30-Jun-1995
JET LANCE A - 3000	340058.20053BR Brazil	ORD	Published 07 Int.	830256970 29-May-2009	
MACH 2 (Stylized)	340058.20069BR Brazil	ORD	Published 07 Int.	905226674 31-Aug-2012	

TRADEMARK

REEL: 005049 FRAME: 0398

Trademark	Case Number Country	SubCase Case Type	Status Classes	Application Number/Date	Registration Number/Date
MACH 3 and Design	340058.20070BR Brazil	ORD	Published 07 Int.	905226763 31-Aug-2012	
MACH 4 and Design	340058.20071BR Brazil	ORD	Published 07 Int.	905227107 31-Aug-2012	
NANOJET	340058.20001WP Int'l Registration - Madrid Protocol Only	ORD	Registered 07 Int.	03-May-2007	923834 03-May-2007
PASER	340058.300AT Austria	ORD	Registered 07 Int.	118987 01-Apr-1987	117434 23-Sep-1987
PASER	340058.267DE Germany	ORD	Registered 07 Int.	1116818 01-Jun-1987	1116818 21-Jan-1988
PASER	340058.358DE Germany	ORD	Registered 07 Int., 42 Int.	301163448 12-Mar-2001	30116344 11-Jun-2001
PASER	340058.247IT Italy	ORD	Registered 07 Int.	503623 30-Jul-1987	1272750 30-Jan-1989
PASER	340058.258ES Spain	ORD	Registered 07 Int.	1196737 29-May-1987	1196737 20-Dec-1989
PASER	340058.305CH Switzerland	ORD	Registered 07 Int.	13-Apr-1987	P355991 13-Apr-1987
PASER	340058.311TW Taiwan	ORD	Registered 07 Int.	91051731 09-Dec-2002	1074156 01-Dec-2003
PASER	340058.231 United States of America	ORD	Registered 07 Int.	74/380703 05-Apr-1993	1891944 02-May-1995
PASER in Katakana	340058.367JP Japan	ORD	Registered 07 Int.	2004-15089 19-Feb-2004	4924754 27-Jan-2006
POWERED BY FLOW	340058.382PAU Australia	MPR	Registered 07 Int.	03-Oct-2006	904385 03-Oct-2006
POWERED BY FLOW	340058.389CA Canada	ORD	Registered 00 CA	1318794 03-Oct-2006	TMA742620 25-Jun-2009

TRADEMARK

REEL: 005049 FRAME: 0399

Trademark	Case Number Country	SubCase Case Type	Status Classes	Application Number/Date	Registration Number/Date
POWERED BY FLOW	340058.382PCT European Community	MPR	Registered 07 Int.	03-Oct-2006	904385 03-Oct-2006
POWERED BY FLOW	340058.382WP Int'l Registration - Madrid Protocol Only	ORD	Registered 07 Int.	03-Oct-2006	904385 03-Oct-2006
POWERED BY FLOW	340058.382PKR Korea, Republic of	MPR	Registered 07 Int.	03-Oct-2006	904385 03-Oct-2006
POWERED BY FLOW	340058.386MX Mexico	ORD	Registered 09 Int.	810716 03-Oct-2006	1258260 14-Dec-2011
POWERED BY FLOW	340058.387MX Mexico	ORD	Registered 07 Int.	810717 03-Oct-2006	1242562 11-Oct-2011
POWERED BY FLOW	340058.382 United States of America	ORD	Registered 07 Int.	78/852689 03-Apr-2006	3433112 20-May-2008
POWERED BY FLOW and Design	340058.375PAU Australia	MPR	Registered 07 Int.	03-Oct-2006	904386 03-Oct-2006
POWERED BY FLOW and Design	340058.390CA Canada	ORD	Registered 00 CA	1318795 03-Oct-2006	TMA742869 30-Jun-2009
POWERED BY FLOW and Design	340058.375PCN China (People's Republic)	MPR	Registered 07 Int.	03-Oct-2006	904386 03-Oct-2006
POWERED BY FLOW and Design	340058.375PCT European Community	MPR	Registered 07 Int.	03-Oct-2006	904386 03-Oct-2006
POWERED BY FLOW and Design	340058.375WP Int'l Registration - Madrid Protocol Only	ORD	Registered 07 Int.	03-Oct-2006	904386 03-Oct-2006
POWERED BY FLOW and Design	340058.375PJP Japan	MPR	Registered 07 Int.	03-Oct-2006	904386 03-Oct-2006
POWERED BY FLOW and Design	340058.375PKR Korea, Republic of	MPR	Registered 07 Int.	03-Oct-2006	904386 03-Oct-2006
POWERED BY FLOW and Design	340058.388MX Mexico	ORD	Registered 09 Int.	810719 03-Oct-2006	1300825 27-Jul-2012

TRADEMARK

REEL: 005049 FRAME: 0400

Trademark	Case Number Country	SubCase Case Type	Status Classes	Application Number/Date	Registration Number/Date
POWERED BY FLOW and Design	340058.375 United States of America	ORD	Registered 07 Int.	78/852679 03-Apr-2006	3433111 20-May-2008
SIDEFIRE	340058.20072 United States of America	ORD	Unfiled		
Small High-Pressure Components Operation and Service Manual M-127 Revision E	340058.701 United States of America	CPR	Unfiled		
Small High-Pressure Components Operation and Service Manual M-127 Revision F	340058.702 United States of America	CPR	Unfiled		
TOM CAT	340058.20056BR Brazil	ORD	Opposed 07 Int.	830256873 26-May-2009	
WATERJET POWERED BY FLOW AND DESIGN	340058.20032JP Japan	ORD	Registered 07 Int.	2008-63225 31-Jul-2008	5444105 14-Oct-2011
WATERJETCONNECT	340058.397 United States of America	ORD	Registered 07 Int.	77/047081 17-Nov-2006	3709063 10-Nov-2009
WATERJETPRO	340058.394AR Argentina	ORD	Registered 07 Int.	2709448 23-Oct-2006	2198573 26-Nov-2007
WATERJETPRO	340058.383PAU Australia	MPR	Registered 07 Int.	27-Apr-2009	904061 13-Oct-2006
WATERJETPRO	340058.395BR Brazil	ORD	Pending 07 Int.	82882007 26-Oct-2006	
WATERJETPRO	340058.391CA Canada	ORD	Registered 00 CA	1320526 17-Oct-2006	TMA694956 28-Aug-2007
WATERJETPRO	340058.393CL Chile	ORD	Registered 07 Int.	749450 26-Oct-2006	790274 19-Jun-2007
WATERJETPRO	340058.383PCN China (People's Republic)	MPR	Pending 07 Int.	27-Apr-2009	
WATERJETPRO	340058.383PCT European Community	MPR	Registered 07 Int.	13-Oct-2006	904061 13-Oct-2006

TRADEMARK

REEL: 005049 FRAME: 0401

Trademark	Case Number Country	SubCase Case Type	Status Classes	Application Number/Date	Registration Number/Date
WATERJETPRO	340058.20040IN India	ORD	Pending 07 Int.	1813106 30-Apr-2009	
WATERJETPRO	340058.20044ID Indonesia	ORD	Pending 07 Int.	D002009028985 31-Aug-2009	
WATERJETPRO	340058.383WP Int'l Registration - Madrid Protocol Only	ORD	Registered 07 Int.	13-Oct-2006	904061 13-Oct-2006
WATERJETPRO	340058.392MX Mexico	ORD	Pending 07 Int.	815089 25-Oct-2006	
WATERJETPRO	340058.383PRU Russian Federation	MPR	Registered 07 Int.	13-Oct-2006	904061 13-Oct-2006
WATERJETPRO	340058.383PSG Singapore	MPR	Registered 07 Int.	27-Apr-2009	904061 13-Oct-2006
WATERJETPRO	340058.20039TW Taiwan	ORD	Registered 07 Int.	098018358 30-Apr-2009	1463900 16-Jul-2011
WATERJETPRO	340058.20041TH Thailand	ORD	Registered 07 Int.	728665 06-May-2009	Kor321981 13-Sep-2010
WATERJETPRO	340058.383 United States of America	ORD	Registered 07 Int.	78/871592 27-Apr-2006	3433166 20-May-2008
WATERJETPRO	340058.383PVN Vietnam	MPR	Registered 07 Int.	27-Apr-2009	904061 13-Oct-2006
WATERNIFE	340058.302AT Austria	ORD	Registered 07 Int.	118487 01-Apr-1987	117432 23-Sep-1987
WATERNIFE	340058.268DE Germany	ORD	Registered 06 Int., 07 Int., 17 Int.	1124716 01-Jun-1987	1124716 13-Jul-1988
WATERNIFE	340058.249IT Italy	ORD	Registered 07 Int.	503625 30-Jul-1987	1272747 30-Jan-1989
WJP - WATERJETPRO	340058.20051BR Brazil	ORD	Published 07 Int.	830256903 29-May-2009	

TRADEMARK

REEL: 005049 FRAME: 0402

Trademark	Case Number Country	SubCase Case Type	Status Classes	Application Number/Date	Registration Number/Date
WMC - WATERJET MACHINE CENTER	340058.20055BR Brazil	ORD	Published 07 Int.	830256911 29-May-2009	
XD	340058.20059 United States of America	ORD	Registered 07 Int.	85/266612 14-Mar-2011	4141187 15-May-2012

Case Number Country	SubCase Case Type	Application Filing Date	Publication Publication Date	Patent Number Issue Date	Status Expiration Date
340058.401C2 United States of America	FWC	08/261693 16-Jun-1994		5380159 10-Jan-1995	Granted 07-Jun-2013
Title: PRESSURE COMPENSATION DEVICE FOR HIGH-PRESSURE LIQUID PUMP					
340058.409 United States of America	ORD	08/089258 08-Jul-1993		5360292 01-Nov-1994	Granted 08-Jul-2013
Title: METHOD AND APPARATUS FOR REMOVING MUD FROM AROUND AND INSIDE OF CASINGS					
340058.414C1 United States of America	CIP	08/365512 28-Dec-1994		5564469 15-Oct-1996	Granted 23-Mar-2014
Title: EROSION RESISTANT HIGH PRESSURE RELIEF VALVE					
340058.414DE Germany	EPC	95104328.0 23-Mar-1995	69512302.5	0679807 22-Sep-1999	Granted 23-Mar-2015
Title: EROSION RESISTANT HIGH PRESSURE RELIEF VALVE					
340058.414FR France	EPC	95104328.0 23-Mar-1995		0679807 22-Sep-1999	Granted 23-Mar-2015
Title: EROSION RESISTANT HIGH PRESSURE RELIEF VALVE					
340058.414GB United Kingdom	EPC	95104328.0 23-Mar-1995		0679807 22-Sep-1999	Granted 23-Mar-2015
Title: EROSION RESISTANT HIGH PRESSURE RELIEF VALVE					
340058.417 United States of America	ORD	08/342381 18-Nov-1994		5493954 27-Feb-1996	Granted 18-Nov-2014
Title: SELF-VENTING SEAL ASSEMBLY					
340058.419 United States of America	ORD	08/412541 29-Mar-1995		5512318 30-Apr-1996	Granted 30-Apr-2016
Title: METHOD FOR PREPARING SURFACES WITH AN ULTRAHIGH-PRESSURE FAN JET					
340058.420 United States of America	ORD	08/513381 11-Aug-1995		5643058 01-Jul-1997	Granted 11-Aug-2015
Title: ABRASIVE FLUID JET SYSTEM					
340058.420DE Germany	EPC	96112956.6 12-Aug-1996	69624427.6	0761389 23-Oct-2002	Granted 12-Aug-2016
Title: ABRASIVE FLUID JET SYSTEM					
340058.420FR France	EPC	96112956.6 12-Aug-1996		0761389 23-Oct-2002	Granted 12-Aug-2016
Title: ABRASIVE FLUID JET SYSTEM					

Case Number Country	SubCase Case Type	Application Filing Date	Publication Publication Date	Patent Number Issue Date	Status Expiration Date
340058.420GB United Kingdom	EPC	96112956.6 12-Aug-1996		0761389 23-Oct-2002	Granted 12-Aug-2016
Title: ABRASIVE FLUID JET SYSTEM					
340058.420IT Italy	EPC	96112956.6 12-Aug-1996		0761389 23-Oct-2002	Granted 12-Aug-2016
Title: ABRASIVE FLUID JET SYSTEM					
340058.420JP Japan	ORD	08-243949 12-Aug-1996		3866335 13-Oct-2006	Granted 12-Aug-2016
Title: ABRASIVE FLUID JET SYSTEM					
340058.420TW Taiwan	ORD	84108650 18-Aug-1995	21-Oct-1996	NI-081209 31-Jan-1997	Granted 18-Aug-2015
Title: ABRASIVE FLUID JET SYSTEM					
340058.423 United States of America	ORD	08/577431 22-Dec-1995		5730358 24-Mar-1998	Granted 22-Dec-2015
Title: TUNABLE ULTRAHIGH-PRESSURE NOZZLE					
340058.427 United States of America	ORD	08/932690 18-Sep-1997		6086070 11-Jul-2000	Granted 18-Sep-2017
Title: HIGH PRESSURE FLUID SEAL ASSEMBLY					
340058.427JP Japan	PCT	2000-512009 17-Sep-1998	2001-516847 02-Oct-2001	4416317 04-Dec-2009	Granted 17-Sep-2018
Title: PLUNGER SEAL ASSEMBLY FOR A HIGH PRESSURE PUMP					
340058.428 United States of America	CPA	08/936496 18-Sep-1997		6113304 05-Sep-2000	Granted 18-Sep-2017
Title: COUPLING FOR HIGH PRESSURE FLUID PUMP ASSEMBLY					
340058.428DE Germany	EPC	98947137.0 17-Sep-1998	69832505.2	1015766 23-Nov-2005	Granted 17-Sep-2018
Title: COUPLING FOR HIGH PRESSURE FLUID PUMP ASSEMBLY					
340058.428FR France	EPC	98947137.0 17-Sep-1998		1015766 23-Nov-2005	Granted 17-Sep-2018
Title: COUPLING FOR HIGH PRESSURE FLUID PUMP ASSEMBLY					
340058.428GB United Kingdom	EPC	98947137.0 17-Sep-1998		1015766 23-Nov-2005	Granted 17-Sep-2018
Title: COUPLING FOR HIGH PRESSURE FLUID PUMP ASSEMBLY					

Case Number Country	SubCase Case Type	Application Filing Date	Publication Publication Date	Patent Number Issue Date	Status Expiration Date
340058.428IT Italy	EPC	98947137.0 17-Sep-1998	21184/BE/2006	1015766 23-Nov-2005	Granted 17-Sep-2018
Title: COUPLING FOR HIGH PRESSURE FLUID PUMP ASSEMBLY					
340058.428TW Taiwan	ORD	87115584 18-Sep-1998	11-Jan-2002	NI-148808 08-May-2002	Granted 18-Sep-2018
Title: COUPLING FOR HIGH PRESSURE FLUID PUMP ASSEMBLY					
340058.431 United States of America	ORD	08/931248 16-Sep-1997		6092370 25-Jul-2000	Granted 16-Sep-2017
Title: APPARATUS AND METHOD FOR DIAGNOSING THE STATUS OF SPECIFIC COMPONENTS IN HIGH-PRESSURE FLUID PUMPS					
340058.431DE Germany	EPC	98948307.8 16-Sep-1998	69817377.5	1015765 20-Aug-2003	Granted 16-Sep-2018
Title: APPARATUS AND METHOD FOR DIAGNOSING THE STATUS OF SPECIFIC COMPONENTS IN HIGH-PRESSURE FLUID PUMPS					
340058.431FR France	EPC	98948307.8 16-Sep-1998		1015765 20-Aug-2003	Granted 16-Sep-2018
Title: APPARATUS AND METHOD FOR DIAGNOSING THE STATUS OF SPECIFIC COMPONENTS IN HIGH-PRESSURE FLUID PUMPS					
340058.431GB United Kingdom	EPC	98948307.8 16-Sep-1998		1015765 20-Aug-2003	Granted 16-Sep-2018
Title: APPARATUS AND METHOD FOR DIAGNOSING THE STATUS OF SPECIFIC COMPONENTS IN HIGH-PRESSURE FLUID PUMPS					
340058.431IT Italy	EPC	98948307.8 16-Sep-1998		1015765 20-Aug-2003	Granted 16-Sep-2018
Title: APPARATUS AND METHOD FOR DIAGNOSING THE STATUS OF SPECIFIC COMPONENTS IN HIGH-PRESSURE FLUID PUMPS					
340058.431JP Japan	PCT	2000-512006 16-Sep-1998		4475801 19-Mar-2010	Granted 16-Sep-2018
Title: APPARATUS AND METHOD FOR DIAGNOSING THE STATUS OF SPECIFIC COMPONENTS IN HIGH-PRESSURE FLUID PUMPS					
340058.431JP1 Japan	DIV	2009-112359 16-Sep-1998	2009-168036 30-Jul-2009	5072902 31-Aug-2012	Granted 16-Sep-2018
Title: APPARATUS AND METHOD FOR DIAGNOSING THE STATUS OF SPECIFIC COMPONENTS IN HIGH-PRESSURE FLUID PUMPS					
340058.433 United States of America	ORD	09/071706 01-May-1998		6145845 14-Nov-2000	Granted 18-Sep-2017
Title: BIASED SEAL ASSEMBLY FOR HIGH PRESSURE FLUID PUMP					

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REEL: 005049 FRAME: 0406

Case Number Country	SubCase Case Type	Application Filing Date	Publication Publication Date	Patent Number Issue Date	Status Expiration Date
340058.433JP Japan	PCT	2000-512008 17-Sep-1998	2001-516846 02-Oct-2001	4409761 20-Nov-2009	Granted 17-Sep-2018
Title: BIASED SEAL ASSEMBLY FOR HIGH PRESSURE FLUID PUMP					
340058.435C1 United States of America	CIP	09/383044 25-Aug-1999		6361416 26-Mar-2002	Granted 28-Apr-2018
Title: APPARATUS AND METHODS FOR RECOVERING ABRASIVE FROM AN ABRASIVE-LADEN FLUID FOR USE WITH ABRASIVE JET CUTTING SYSTEMS					
340058.441 United States of America	ORD	09/046500 23-Mar-1998		6000308 14-Dec-1999	Granted 23-Mar-2018
Title: SCREW DRIVE METHOD AND APPARATUS					
340058.446 United States of America	ORD	09/183748 30-Oct-1998		6162031 19-Dec-2000	Granted 30-Oct-2018
Title: SEAL SEAT FOR HIGH PRESSURE PUMPS AND VESSELS					
340058.448 United States of America	ORD	09/275520 24-Mar-1999		6280302 28-Aug-2001	Granted 24-Mar-2019
Title: METHOD AND APPARATUS FOR FLUID JET FORMATION					
340058.448D1 United States of America	DIV	09/919646 31-Jul-2001		6752686 22-Jun-2004	Granted 29-Sep-2019
Title: METHOD AND APPARATUS FOR FLUID JET FORMATION					
340058.448D101 United States of America	DIV	10/873521 21-Jun-2004	20040235389 25-Nov-2004	6945859 20-Sep-2005	Granted 24-Mar-2019
Title: APPARATUS FOR FLUID JET FORMATION					
340058.448D2 United States of America	DIV	09/919634 31-Jul-2001	20020034924 21-Mar-2002	6464567 15-Oct-2002	Granted 24-Mar-2019
Title: METHOD AND APPARATUS FOR FLUID JET FORMATION					
340058.448D301 United States of America	DIV	10/878786 28-Jun-2004	20040235395 25-Nov-2004	6875084 05-Apr-2005	Granted 24-Mar-2019
Title: METHOD FOR FLUID JET FORMATION					
340058.448DE Germany	EPC	00916244.7 08-Mar-2000	60028949.4	1165249 21-Jun-2006	Granted 08-Mar-2020
Title: METHOD AND APPARATUS FOR FLUID JET FORMATION					
340058.448FR France	EPC	00916244.7 08-Mar-2000		1165249 21-Jun-2006	Granted 08-Mar-2020
Title: METHOD AND APPARATUS FOR FLUID JET FORMATION					

Case Number Country	SubCase Case Type	Application Filing Date	Publication Publication Date	Patent Number Issue Date	Status Expiration Date
340058.448GB United Kingdom	EPC	00916244.7 08-Mar-2000		1165249 21-Jun-2006	Granted 08-Mar-2020
Title: METHOD AND APPARATUS FOR FLUID JET FORMATION					
340058.448IT Italy	EPC	00916244.7 08-Mar-2000	31932/BE/2006	1165249 21-Jun-2006	Granted 08-Mar-2020
Title: METHOD AND APPARATUS FOR FLUID JET FORMATION					
340058.525 United States of America	ORD	10/602535 23-Jun-2003	20040259478 23-Dec-2004	6981906 03-Jan-2006	Granted 23-Jun-2023
Title: METHODS AND APPARATUS FOR MILLING GROOVES WITH ABRASIVE FLUIDJETS					
340058.533 United States of America	PRI	09/919778 31-Jul-2001	20030029934 13-Feb-2003	6851627 08-Feb-2005	Granted 10-Dec-2021
Title: MULTIPLE SEGMENT HIGH PRESSURE FLUIDJET NOZZLE AND METHOD OF MAKING THE NOZZLE					
340058.534 United States of America	PRI	09/940689 27-Aug-2001	20030037650 27-Feb-2003	7464630 16-Dec-2008	Granted 27-Aug-2021
Title: APPARATUS FOR GENERATING AND MANIPULATING A HIGH-PRESSURE FLUID JET					
340058.53401CZ3 Czech Republic	EPC	08000703.2 26-Aug-2002		1908551 21-Apr-2010	Granted 26-Aug-2022
Title: APPARATUS FOR GENERATING A HIGH-PRESSURE FLUID JET					
340058.53401DE Germany	EPC	02753542.6 26-Aug-2002	60224683.0	1423235 16-Jan-2008	Granted 26-Aug-2022
Title: APPARATUS FOR GENERATING A HIGH-PRESSURE FLUID JET					
340058.53401DE3 Germany	EPC	08000703.2 26-Aug-2002	60236118.4	1908551 21-Apr-2010	Granted 26-Aug-2022
Title: APPARATUS FOR GENERATING A HIGH-PRESSURE FLUID JET					
340058.53401ES Spain	EPC	02753542.6 26-Aug-2002	ES2299592T3	1423235 16-Jan-2008	Granted 26-Aug-2022
Title: APPARATUS FOR GENERATING A HIGH-PRESSURE FLUID JET					
340058.53401ES3 Spain	EPC	08000703.2 26-Aug-2002	ES2344165T3	1908551 21-Apr-2010	Granted 26-Aug-2022
Title: APPARATUS FOR GENERATING A HIGH-PRESSURE FLUID JET					
340058.53401FR France	EPC	02753542.6 26-Aug-2002		1423235 16-Jan-2008	Granted 26-Aug-2022
Title: APPARATUS FOR GENERATING A HIGH-PRESSURE FLUID JET					

Case Number Country	SubCase Case Type	Application Filing Date	Publication Publication Date	Patent Number Issue Date	Status Expiration Date
340058.53401FR3 France	EPC	08000703.2 26-Aug-2002		1908551 21-Apr-2010	Granted 26-Aug-2022
Title: APPARATUS FOR GENERATING A HIGH-PRESSURE FLUID JET					
340058.53401GB United Kingdom	EPC	02753542.6 26-Aug-2002		1423235 16-Jan-2008	Granted 26-Aug-2022
Title: APPARATUS FOR GENERATING A HIGH-PRESSURE FLUID JET					
340058.53401GB3 United Kingdom	EPC	08000703.2 26-Aug-2002		1908551 21-Apr-2010	Granted 26-Aug-2022
Title: APPARATUS FOR GENERATING A HIGH-PRESSURE FLUID JET					
340058.53401IT Italy	EPC	02753542.6 26-Aug-2002		1423235 16-Jan-2008	Granted 26-Aug-2022
Title: APPARATUS FOR GENERATING A HIGH-PRESSURE FLUID JET					
340058.53401IT3 Italy	EPC	08000703.2 26-Aug-2002	69797/BE/2010	1908551 21-Apr-2010	Granted 26-Aug-2022
Title: APPARATUS FOR GENERATING A HIGH-PRESSURE FLUID JET					
340058.53401TW Taiwan	ORD	091119399 27-Aug-2002		NI-191041 01-Dec-2003	Granted 26-Aug-2022
Title: APPARATUS FOR GENERATING A HIGH-PRESSURE FLUID JET					
340058.534D2 United States of America	DIV	12/013956 14-Jan-2008	20080110312 15-May-2008	7703363 27-Apr-2010	Granted 31-Aug-2021
Title: APPARATUS FOR GENERATING AND MANIPULATING A HIGH-PRESSURE FLUID JET					
340058.534TW Taiwan	ORD	091119407 27-Aug-2002		NI-187201 01-Oct-2003	Granted 26-Aug-2022
Title: APPARATUS FOR GENERATING AND MANIPULATING A HIGH-PRESSURE FLUID JET					
340058.536 United States of America	ORD	09/940687 27-Aug-2001	20030065424 03-Apr-2003	6766216 20-Jul-2004	Granted 29-Aug-2021
Title: METHOD AND SYSTEM FOR AUTOMATED SOFTWARE CONTROL OF WATERJET ORIENTATION PARAMETERS					
340058.536C1 United States of America	CON	10/793333 04-Mar-2004	20040236461 25-Nov-2004	6996452 07-Feb-2006	Granted 27-Aug-2021
Title: METHOD AND SYSTEM FOR AUTOMATED SOFTWARE CONTROL OF WATERJET ORIENTATION PARAMETERS					

Case Number Country	SubCase Case Type	Application Filing Date	Publication Publication Date	Patent Number Issue Date	Status Expiration Date
340058.536CA Canada	PCT	2458884 26-Aug-2002		2458884 03-Aug-2010	Granted 26-Aug-2022
Title: METHOD AND SYSTEM FOR AUTOMATED SOFTWARE CONTROL OF WATERJET ORIENTATION PARAMETERS					
340058.536EP European Patent Convention	PCT	02763538.2 26-Aug-2002	1423236 02-Jun-2004		Published
Title: METHOD AND SYSTEM FOR AUTOMATED SOFTWARE CONTROL OF WATERJET ORIENTATION PARAMETERS - MONITOR ONLY					
340058.536JP Japan	PCT	2003-522760 26-Aug-2002	2005-500176 06-Jan-2005		Published
Title: METHOD AND SYSTEM FOR AUTOMATED SOFTWARE CONTROL OF WATERJET ORIENTATION PARAMETERS - MONITOR ONLY					
340058.536JP1 Japan	PCT	2008-251856 26-Aug-2002	2009-28898 12-Feb-2009		Published
Title: METHOD AND SYSTEM FOR AUTOMATED SOFTWARE CONTROL OF WATERJET ORIENTATION PARAMETERS - MONITOR ONLY					
340058.536MX Mexico	PCT	PA/a/2004/001965 26-Aug-2002		251774 23-Nov-2007	Granted 26-Aug-2022
Title: METHOD AND SYSTEM FOR AUTOMATED SOFTWARE CONTROL OF WATERJET ORIENTATION PARAMETERS - MONITOR ONLY					
340058.536MX1 Mexico	DIV	MX/a/2007/010722 26-Aug-2002		278129 13-Aug-2010	Granted 26-Aug-2022
Title: METHOD AND SYSTEM FOR AUTOMATED SOFTWARE CONTROL OF WATERJET ORIENTATION PARAMETERS					
340058.536TW Taiwan	ORD	091119398 27-Aug-2002	11-Aug-2003	NI-183676 09-Dec-2003	Granted 27-Aug-2022
Title: METHOD AND SYSTEM FOR AUTOMATED SOFTWARE CONTROL OF WATERJET ORIENTATION PARAMETERS					
340058.537 United States of America	PRI	10/922030 19-Aug-2004	20060038399 23-Feb-2006	7748750 06-Jul-2010	Granted 19-Aug-2024
Title: HIGH FATIGUE LIFE FITTINGS FOR HIGH-PRESSURE FLUID SYSTEMS					
340058.537 United States of America	C1 CON	12/785148 21-May-2010	20100224270 09-Sep-2010	8430430 30-Apr-2013	Granted 01-Oct-2024
Title: HIGH FATIGUE LIFE FITTINGS FOR HIGH-PRESSURE FLUID SYSTEMS					
340058.537CA Canada	PCT	2577433 19-Aug-2005		2577433 29-Jan-2013	Granted 19-Aug-2025
Title: HIGH FATIGUE LIFE FITTINGS FOR HIGH-PRESSURE FLUID SYSTEMS					

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REEL: 005049 FRAME: 0410

Case Number Country	SubCase Case Type	Application Filing Date	Publication Publication Date	Patent Number Issue Date	Status Expiration Date
340058.537DE Germany	EPC	05792522.4 19-Aug-2005	602005017796.5	1784601 18-Nov-2009	Granted 19-Aug-2025
Title: HIGH FATIGUE LIFE FITTINGS FOR HIGH-PRESSURE FLUID SYSTEMS					
340058.537FR France	EPC	05792522.4 19-Aug-2005		1784601 18-Nov-2009	Granted 19-Aug-2025
Title: HIGH FATIGUE LIFE FITTINGS FOR HIGH-PRESSURE FLUID SYSTEMS					
340058.537GB United Kingdom	EPC	05792522.4 19-Aug-2005		1784601 18-Nov-2009	Granted 19-Aug-2025
Title: HIGH FATIGUE LIFE FITTINGS FOR HIGH-PRESSURE FLUID SYSTEMS					
340058.537IT Italy	EPC	05792522.4 19-Aug-2005	67086/BE/2010	1784601 18-Nov-2009	Granted 19-Aug-2025
Title: HIGH FATIGUE LIFE FITTINGS FOR HIGH-PRESSURE FLUID SYSTEMS					
340058.537JP Japan	PCT	2007-528035 19-Aug-2005	2008-510937 10-Apr-2008	5226310 22-Mar-2013	Granted 19-Aug-2025
Title: HIGH FATIGUE LIFE FITTINGS FOR HIGH-PRESSURE FLUID SYSTEMS					
340058.537JP1 Japan	DIV	2012-187531 19-Aug-2005	2013-7487 10-Jan-2013		Published
Title: HIGH FATIGUE LIFE FITTINGS FOR HIGH-PRESSURE FLUID SYSTEMS					
340058.537MX Mexico	PCT	MX/a/2007/002079 19-Aug-2005	18-Jul-2007	273812 02-Feb-2010	Granted 19-Aug-2025
Title: HIGH FATIGUE LIFE FITTINGS FOR HIGH-PRESSURE FLUID SYSTEMS					
340058.537TW Taiwan	ORD	094128405 19-Aug-2005	200619542 16-Jun-2006	1367293 01-Jul-2012	Granted 19-Aug-2025
Title: HIGH FATIGUE LIFE FITTINGS FOR HIGH-PRESSURE FLUID SYSTEMS					
340058.544 United States of America	ORD	10/038507 02-Jan-2002	20030122376 03-Jul-2003	6802541 12-Oct-2004	Granted 02-Jan-2022
Title: COMPONENTS, SYSTEMS AND METHODS FOR FORMING A GASKETLESS SEAL BETWEEN LIKE METAL COMPONENTS IN AN ULTRHIGH PRESSURE SYSTEM					
340058.54401CA Canada	PCT	2522044 23-Apr-2004	11-Nov-2004	2522044 14-Jun-2011	Granted 23-Apr-2024
Title: METHOD AND APPARATUS FOR SEALING AN ULTRAHIGH-PRESSURE FLUID SYSTEM					
340058.54401EP European Patent Convention	PCT	04760337.8 23-Apr-2004	1620648 01-Feb-2006		Allowed
Title: METHOD AND APPARATUS FOR SEALING AN ULTRAHIGH-PRESSURE FLUID SYSTEM					

Case Number Country	SubCase Case Type	Application Filing Date	Publication Publication Date	Patent Number Issue Date	Status Expiration Date
340058.54401EP1 European Patent Convention	DIV	09001042.2 23-Apr-2004	2045469 08-Apr-2009		Published
Title: METHOD AND APPARATUS FOR SEALING AN ULTRAHIGH-PRESSURE FLUID SYSTEM					
340058.54401JP Japan	PCT	2006-513241 23-Apr-2004	2006-526123 16-Nov-2006	5105870 12-Oct-2012	Granted 23-Apr-2024
Title: METHOD AND APPARATUS FOR SEALING AN ULTRAHIGH-PRESSURE FLUID SYSTEM					
340058.54401MX Mexico	PCT	PA/a/2005/011405 23-Apr-2004	20-Jan-2006	261596 22-Oct-2008	Granted 23-Apr-2024
Title: METHOD AND APPARATUS FOR SEALING AN ULTRAHIGH-PRESSURE FLUID SYSTEM					
340058.54401TW Taiwan	ORD	093111337 23-Apr-2004	200506247 16-Feb-2005	I315768 11-Oct-2009	Granted 22-Apr-2024
Title: METHOD AND APPARATUS FOR SEALING AN ULTRAHIGH-PRESSURE FLUID SYSTEM					
340058.54402CA Canada	PCT	2667900 13-Nov-2007		2667900 12-Mar-2013	Granted 13-Nov-2027
Title: METHOD AND APPARATUS FOR SEALING AN ULTRAHIGH-PRESSURE FLUID SYSTEM					
340058.54402CN China (People's Republic)	PCT	200780042206.9 13-Nov-2007	CN101535693A 16-Sep-2009	ZL200780042206.9 22-Aug-2012	Granted 13-Nov-2027
Title: METHOD AND APPARATUS FOR SEALING AN ULTRAHIGH-PRESSURE FLUID SYSTEM					
340058.54402EP European Patent Convention	PCT	07854622.3 13-Nov-2007	2089648 19-Aug-2009		Published
Title: METHOD AND APPARATUS FOR SEALING AN ULTRAHIGH-PRESSURE FLUID SYSTEM					
340058.54402IN India	PCT	2688/DELNP/2009 13-Nov-2007			Pending
Title: METHOD AND APPARATUS FOR SEALING AN ULTRAHIGH-PRESSURE FLUID SYSTEM					
340058.54402JP Japan	PCT	2009-536540 13-Nov-2007			Pending
Title: METHOD AND APPARATUS FOR SEALING AN ULTRAHIGH-PRESSURE FLUID SYSTEM					
340058.54402TW Taiwan	ORD	096142885 13-Nov-2007	200900611 01-Jan-2009		Published
Title: METHOD AND APPARATUS FOR SEALING AN ULTRAHIGH-PRESSURE FLUID SYSTEM					
340058.544AT Austria	EPC	02795988.1 19-Dec-2002	E524678	1461547 14-Sep-2011	Granted 19-Dec-2022
Title: COMPONENTS, SYSTEMS AND METHODS FOR FORMING A GASKETLESS SEAL BETWEEN COMPONENTS IN AN ULTRAHIGH PRESSURE SYSTEM					

Case Number Country	SubCase Case Type	Application Filing Date	Publication Publication Date	Patent Number Issue Date	Status Expiration Date
340058.544C1 United States of America	CIP	10/423661 25-Apr-2003	20030197377 23-Oct-2003	7247006 24-Jul-2007	Granted 20-Oct-2022
Title: METHOD AND APPARATUS FOR SEALING AN ULTRAHIGH-PRESSURE FLUID SYSTEM					
340058.544C2 United States of America	CIP	11/559308 13-Nov-2006	20080019851 24-Jan-2008	7568424 04-Aug-2009	Granted 24-Jul-2022
Title: METHOD AND APPARATUS FOR SEALING AN ULTRAHIGH-PRESSURE FLUID SYSTEM					
340058.544CA Canada	PCT	2471506 19-Dec-2002	24-Jul-2003	2471506 18-Oct-2011	Granted 19-Dec-2022
Title: COMPONENTS, SYSTEMS AND METHODS FOR FORMING A GASKETLESS SEAL BETWEEN COMPONENTS IN AN ULTRAHIGH PRESSURE SYSTEM					
340058.544CH Switzerland	EPC	02795988.1 19-Dec-2002		1461547 14-Sep-2011	Granted 19-Dec-2022
Title: COMPONENTS, SYSTEMS AND METHODS FOR FORMING A GASKETLESS SEAL BETWEEN COMPONENTS IN AN ULTRAHIGH PRESSURE SYSTEM					
340058.544CZ Czech Republic	EPC	02795988.1 19-Dec-2002		1461547 14-Sep-2011	Granted 19-Dec-2022
Title: COMPONENTS, SYSTEMS AND METHODS FOR FORMING A GASKETLESS SEAL BETWEEN COMPONENTS IN AN ULTRAHIGH PRESSURE SYSTEM					
340058.544DE Germany	EPC	02795988.1 19-Dec-2002	60241061.4	1461547 14-Sep-2011	Granted 19-Dec-2022
Title: COMPONENTS, SYSTEMS AND METHODS FOR FORMING A GASKETLESS SEAL BETWEEN COMPONENTS IN AN ULTRAHIGH PRESSURE SYSTEM					
340058.544EP1 European Patent Convention	DIV	10012289.4 19-Dec-2002	2284424 16-Feb-2011		Published
Title: COMPONENTS, SYSTEMS AND METHODS FOR FORMING A GASKETLESS SEAL BETWEEN COMPONENTS IN AN ULTRAHIGH PRESSURE SYSTEM					
340058.544FR France	EPC	02795988.1 19-Dec-2002		1461547 14-Sep-2011	Granted 19-Dec-2022
Title: COMPONENTS, SYSTEMS AND METHODS FOR FORMING A GASKETLESS SEAL BETWEEN COMPONENTS IN AN ULTRAHIGH PRESSURE SYSTEM					
340058.544GB United Kingdom	EPC	02795988.1 19-Dec-2002		1461547 14-Sep-2011	Granted 19-Dec-2022
Title: COMPONENTS, SYSTEMS AND METHODS FOR FORMING A GASKETLESS SEAL BETWEEN COMPONENTS IN AN ULTRAHIGH PRESSURE SYSTEM					

Case Number Country	SubCase Case Type	Application Filing Date	Publication Publication Date	Patent Number Issue Date	Status Expiration Date
340058.544IT Italy	EPC	02795988.1 19-Dec-2002		1461547 14-Sep-2011	Granted 19-Dec-2022
Title: COMPONENTS, SYSTEMS AND METHODS FOR FORMING A GASKETLESS SEAL BETWEEN COMPONENTS IN AN ULTRAHIGH PRESSURE SYSTEM					
340058.544JP Japan	PCT	2003-560414 19-Dec-2002	2006-501407 12-Jan-2006	4231789 12-Dec-2008	Granted 19-Dec-2022
Title: COMPONENTS, SYSTEMS AND METHODS FOR FORMING A GASKETLESS SEAL BETWEEN COMPONENTS IN AN ULTRAHIGH PRESSURE SYSTEM					
340058.544SE Sweden	EPC	02795988.1 19-Dec-2002		1461547 14-Sep-2011	Granted 19-Dec-2022
Title: COMPONENTS, SYSTEMS AND METHODS FOR FORMING A GASKETLESS SEAL BETWEEN COMPONENTS IN AN ULTRAHIGH PRESSURE SYSTEM					
340058.544TW Taiwan	ORD	091138057 31-Dec-2002	200400329 01-Jan-2004	I270620 11-Jan-2007	Granted 30-Dec-2022
Title: COMPONENTS, SYSTEMS AND METHODS FOR FORMING A GASKETLESS SEAL BETWEEN LIKE METAL COMPONENTS IN AN ULTRAHIGH PRESSURE SYSTEM					
340058.553 United States of America	ORD	10/361975 10-Feb-2003	20040158419 12-Aug-2004	6970793 29-Nov-2005	Granted 10-Feb-2023
Title: APPARATUS AND METHOD FOR DETECTING MALFUNCTIONS IN HIGH-PRESSURE FLUID PUMPS					
340058.553EP European Patent Convention	PCT	04709918.9 10-Feb-2004	1597482 23-Nov-2005		Published
Title: APPARATUS AND METHOD FOR DETECTING MALFUNCTIONS IN HIGH-PRESSURE FLUID PUMPS					
340058.553JP Japan	PCT	2006-503464 10-Feb-2004	2006-517277 20-Jul-2006	4762130 17-Jun-2011	Granted 10-Feb-2024
Title: APPARATUS AND METHOD FOR DETECTING MALFUNCTIONS IN HIGH-PRESSURE FLUID PUMPS					
340058.553MX Mexico	PCT	PA/a/2005/008426 10-Feb-2004		257949 16-Jun-2008	Granted 10-Feb-2024
Title: APPARATUS AND METHOD FOR DETECTING MALFUNCTIONS IN HIGH-PRESSURE FLUID PUMPS					
340058.553TW Taiwan	ORD	093103065 10-Feb-2004	I371529 16-Sep-2004	I371529 01-Sep-2012	Granted 09-Feb-2024
Title: APPARATUS AND METHOD FOR DETECTING MALFUNCTIONS IN HIGH-PRESSURE FLUID PUMPS					
340058.556 United States of America	ORD	10/676843 01-Oct-2003	20050074350 07-Apr-2005	7367789 06-May-2008	Granted 11-Dec-2025
Title: DEVICE FOR MAINTAINING A STATIC SEAL OF A HIGH PRESSURE PUMP					

Case Number Country	SubCase Case Type	Application Filing Date	Publication Publication Date	Patent Number Issue Date	Status Expiration Date
340058.556D1 United States of America	DIV	12/082675 10-Apr-2008	20080264493 30-Oct-2008	8277206 02-Oct-2012	Granted 15-Oct-2025
Title: DEVICE AND METHOD FOR MAINTAINING A STATIC SEAL OF A HIGH PRESSURE PUMP					
340058.572 United States of America	PRI	10/922238 19-Aug-2004	20060040590 23-Feb-2006	7331842 19-Feb-2008	Granted 29-Nov-2025
Title: CONTOUR FOLLOWER FOR TOOL					
340058.572D3 United States of America	DIV	11/784338 05-Apr-2007	20070180939 09-Aug-2007	7578210 25-Aug-2009	Granted 19-Aug-2024
Title: SENSOR LEG ASSEMBLY FOR A CONTOUR FOLLOWER					
340058.572D4 United States of America	DIV	11/784468 05-Apr-2007	20070190900 16-Aug-2007	7803036 28-Sep-2010	Granted 19-Aug-2024
Title: METHOD OF USING A CONTOUR FOLLOWER					
340058.572JP Japan	PCT	2007-528073 19-Aug-2005	2008-510969 10-Apr-2008		Published
Title: CONTOUR FOLLOWER					
340058.572TW Taiwan	ORD	094128402 19-Aug-2005	200615087 16-May-2006		Allowed
Title: CONTOUR FOLLOWER					
340058.585 United States of America	ORD	08/568597 05-Dec-1995		5731679 24-Mar-1998	Granted 05-Dec-2015
Title: OFF-LINE PROGRAMMING SYSTEM FOR CONTROL OF INDUSTRIAL ROBOTS					
340058.586 United States of America	PRI	11/289662 28-Nov-2005	20070119992 31-May-2007	7862405 04-Jan-2011	Granted 04-Oct-2029
Title: ZERO-TORQUE ORIFICE MOUNT ASSEMBLY					
340058.586DE Germany	EPC	06838409.8 27-Nov-2006	602006027098.4	1954406 11-Jan-2012	Granted 27-Nov-2026
Title: ZERO-TORQUE ORIFICE MOUNT ASSEMBLY					
340058.586EP1 European Patent Convention	DIV	10011688.8 27-Nov-2006	2272592 12-Jan-2011		Published
Title: ZERO-TORQUE ORIFICE MOUNT ASSEMBLY					
340058.586FR France	EPC	06838409.8 27-Nov-2006		1954406 11-Jan-2012	Granted 27-Nov-2026
Title: ZERO-TORQUE ORIFICE MOUNT ASSEMBLY					

Case Number Country	SubCase Case Type	Application Filing Date	Publication Publication Date	Patent Number Issue Date	Status Expiration Date
340058.586GB United Kingdom	EPC	06838409.8 27-Nov-2006		1954406 11-Jan-2012	Granted 27-Nov-2026
Title: ZERO-TORQUE ORIFICE MOUNT ASSEMBLY					
340058.586SE Sweden	EPC	06838409.8 27-Nov-2006	1954406	1954406 11-Jan-2012	Granted 27-Nov-2026
Title: ZERO-TORQUE ORIFICE MOUNT ASSEMBLY					
340058.587 United States of America	PRI	11/716383 09-Mar-2007	20080220699 11-Sep-2008	7934977 03-May-2011	Granted 09-Mar-2027
Title: FLUID SYSTEM AND METHOD FOR THIN KERF CUTTING AND IN-SITU RECYCLING					
340058.587CH Switzerland	EPC	08731744.2 07-Mar-2008		2129489 16-May-2012	Granted 07-Mar-2028
Title: FLUID SYSTEM AND METHOD FOR THIN KERF CUTTING AND IN-SITU RECYCLING					
340058.587D1 United States of America	DIV	12/287374 07-Oct-2008	20090042492 12-Feb-2009	8147293 03-Apr-2012	Granted 09-Mar-2027
Title: FLUID SYSTEM AND METHOD FOR THIN KERF CUTTING AND IN-SITU RECYCLING					
340058.587DE Germany	EPC	08731744.2 07-Mar-2008		2129489 16-May-2012	Granted 07-Mar-2028
Title: FLUID SYSTEM AND METHOD FOR THIN KERF CUTTING AND IN-SITU RECYCLING					
340058.587EP1 European Patent Convention	DIV	12003757.7 07-Mar-2008	2489470 22-Aug-2012		Published
Title: FLUID SYSTEM AND METHOD FOR THIN KERF CUTTING AND IN-SITU RECYCLING					
340058.587TW Taiwan	ORD	097108217 07-Mar-2008	200916264 16-Apr-2009		Published
Title: FLUID SYSTEM AND METHOD FOR THIN KERF CUTTING AND IN-SITU RECYCLING					
340058.593 United States of America	PRI	11/640143 14-Dec-2006	20080142050 19-Jun-2008	8187056 29-May-2012	Granted 10-Aug-2030
Title: PROCESS AND APPARATUS FOR SURFACE FINISHING					
340058.594 Brazil	PCT	PI0816751-6 12-Sep-2008			Pending
Title: APPARATUS AND PROCESS FOR FORMATION OF LATERALLY DIRECTED FLUID JETS					
340058.594 Canada	PCT	2696017 12-Sep-2008			Pending
Title: APPARATUS AND PROCESS FOR FORMATION OF LATERALLY DIRECTED FLUID JETS					

Case Number Country	SubCase Case Type	Application Filing Date	Publication Publication Date	Patent Number Issue Date	Status Expiration Date
340058.594 China (People's Republic)	PCT	200880107720.0 12-Sep-2008	101801608 11-Aug-2010	ZL200880107720.0 27-Mar-2013	Granted 12-Sep-2028
Title: APPARATUS AND PROCESS FOR FORMATION OF LATERALLY DIRECTED FLUID JETS					
340058.594 China (People's Republic)	1 DIV	201310064631.5 12-Sep-2008			Pending
Title: APPARATUS AND PROCESS FOR FORMATION OF LATERALLY DIRECTED FLUID JETS					
340058.594 European Patent Convention	1 DIV	12006959.6 12-Sep-2008	2546026 16-Jan-2013		Published
Title: APPARATUS AND PROCESS FOR FORMATION OF LATERALLY DIRECTED FLUID JETS					
340058.594 France	EPP	08799501.5 12-Sep-2008	2212059 04-Aug-2010	2212059 12-Dec-2012	Granted 12-Sep-2028
Title: APPARATUS AND PROCESS FOR FORMATION OF LATERALLY DIRECTED FLUID JETS					
340058.594 Germany	EPP	08799501.5 12-Sep-2008	602008020826.5	2212059 12-Dec-2012	Granted 12-Sep-2028
Title: APPARATUS AND PROCESS FOR FORMATION OF LATERALLY DIRECTED FLUID JETS					
340058.594 India	PCT	265/MUMNP/2010 12-Sep-2008			Pending
Title: APPARATUS AND PROCESS FOR FORMATION OF LATERALLY DIRECTED FLUID JETS					
340058.594 Italy	EPP	08799501.5 12-Sep-2008	2212059 04-Aug-2010	2212059 12-Dec-2012	Granted 12-Sep-2028
Title: APPARATUS AND PROCESS FOR FORMATION OF LATERALLY DIRECTED FLUID JETS					
340058.594 Japan	1 DIV	2013-38448 12-Sep-2008			Pending
Title: APPARATUS AND PROCESS FOR FORMATION OF LATERALLY DIRECTED FLUID JETS					
340058.594 Mexico	PCT	MX/a/2010/002928 12-Sep-2008	17-May-2010		Published
Title: APPARATUS AND PROCESS FOR FORMATION OF LATERALLY DIRECTED FLUID JETS					
340058.594 Portugal	EPP	08799501.5 12-Sep-2008	2212059 04-Aug-2010	2212059 12-Dec-2012	Granted 12-Sep-2028
Title: APPARATUS AND PROCESS FOR FORMATION OF LATERALLY DIRECTED FLUID JETS					
340058.594 Russian Federation	PCT	2010115294 12-Sep-2008	27-Oct-2011	2470763 27-Dec-2012	Granted 12-Sep-2028
Title: APPARATUS AND PROCESS FOR FORMATION OF LATERALLY DIRECTED FLUID JETS					

Case Number Country	SubCase Case Type	Application Filing Date	Publication Publication Date	Patent Number Issue Date	Status Expiration Date
340058.594 Spain	EPP	08799501.5 12-Sep-2008	ES2400978T3 04-Aug-2010	2212059 12-Dec-2012	Granted 12-Sep-2028
Title: APPARATUS AND PROCESS FOR FORMATION OF LATERALLY DIRECTED FLUID JETS					
340058.594 Sweden	EPP	08799501.5 12-Sep-2008	2212059 04-Aug-2010	2212059 12-Dec-2012	Granted 12-Sep-2028
Title: APPARATUS AND PROCESS FOR FORMATION OF LATERALLY DIRECTED FLUID JETS					
340058.594 Taiwan	ORD	097135284 12-Sep-2008	200918240 01-May-2009		Published
Title: APPARATUS AND PROCESS FOR FORMATION OF LATERALLY DIRECTED FLUID JETS					
340058.594 United Kingdom	EPP	08799501.5 12-Sep-2008	2212059 04-Aug-2010	2212059 12-Dec-2012	Granted 12-Sep-2028
Title: APPARATUS AND PROCESS FOR FORMATION OF LATERALLY DIRECTED FLUID JETS					
340058.594 United States of America	PRI	11/901961 18-Sep-2007	20090071303 19-Mar-2009	8448880 28-May-2013	Granted 22-Oct-2029
Title: APPARATUS AND PROCESS FOR FORMATION OF LATERALLY DIRECTED FLUID JETS					
340058.594 United States of America	C1 CON	13/725239 21-Dec-2012			Pending
Title: APPARATUS AND PROCESS FOR FORMATION OF LATERALLY DIRECTED FLUID JETS					
340058.595 United States of America	PRI	12/154313 21-May-2008	20090288532 26-Nov-2009		Published
Title: MIXING TUBE FOR A WATERJET SYSTEM					
340058.595EP European Patent Convention	PCT	09751170.3 11-May-2009	2307171 13-Apr-2011		Published
Title: MIXING TUBE FOR A WATERJET SYSTEM					
340058.595TW Taiwan	ORD	098116928 21-May-2009	201006557 16-Feb-2010		Published
Title: MIXING TUBE FOR A WATERJET SYSTEM					
340058.597 China (People's Republic)	PCT	200880117293.4 26-Nov-2008	CN101868323A 20-Oct-2010		Published
Title: FLEXIBLE HEADER SYSTEM FOR MACHINING WORKPIECES					
340058.597 China (People's Republic)	1 DIV		26-Nov-2008		Pending
Title: FLEXIBLE HEADER SYSTEM FOR MACHINING WORKPIECES					

Case Number Country	SubCase Case Type	Application Filing Date	Publication Publication Date	Patent Number Issue Date	Status Expiration Date
340058.597 United States of America	ORD	12/324719 26-Nov-2008	20090140482 04-Jun-2009	8322700 04-Dec-2012	Granted 05-Oct-2031
Title: FLEXIBLE HEADER SYSTEM FOR MACHINING WORKPIECES					
340058.597C1 United States of America	CON	13/666841 01-Nov-2012			Pending
Title: FLEXIBLE HEADER SYSTEM FOR MACHINING WORKPIECES					
340058.597DE Germany	EPC	08853990.3 26-Nov-2008	602008016334.2	2234753 13-Jun-2012	Granted 26-Nov-2028
Title: FLEXIBLE HEADER SYSTEM FOR MACHINING WORKPIECES					
340058.597EP1 European Patent Convention	DIV	12004409.4 26-Nov-2008	2500128 19-Sep-2012		Allowed
Title: FLEXIBLE HEADER SYSTEM FOR MACHINING WORKPIECES					
340058.597ES Spain	EPC	08853990.3 26-Nov-2008	ES2389574T3	2234753 13-Jun-2012	Granted 26-Nov-2028
Title: FLEXIBLE HEADER SYSTEM FOR MACHINING WORKPIECES					
340058.597FR France	EPC	08853990.3 26-Nov-2008		2234753 13-Jun-2012	Granted 26-Nov-2028
Title: FLEXIBLE HEADER SYSTEM FOR MACHINING WORKPIECES					
340058.597GB United Kingdom	EPC	08853990.3 26-Nov-2008		2234753 13-Jun-2012	Granted 26-Nov-2028
Title: FLEXIBLE HEADER SYSTEM FOR MACHINING WORKPIECES					
340058.597IT Italy	EPC	08853990.3 26-Nov-2008		2234753 13-Jun-2012	Granted 26-Nov-2028
Title: FLEXIBLE HEADER SYSTEM FOR MACHINING WORKPIECES					
340058.597JP Japan	PCT	2010-536197 26-Nov-2008	2011-505260 24-Feb-2011		Published
Title: FLEXIBLE HEADER SYSTEM FOR MACHINING WORKPIECES					
340058.597RU Russian Federation	PCT	2010126649 26-Nov-2008			Allowed
Title: FLEXIBLE HEADER SYSTEM FOR MACHINING WORKPIECES					
340058.597TW Taiwan	ORD	097146502 28-Nov-2008	200936303 01-Sep-2009		Published
Title: FLEXIBLE HEADER SYSTEM FOR MACHINING OF COMPLEX STRUCTURES					

Case Number Country	SubCase Case Type	Application Filing Date	Publication Publication Date	Patent Number Issue Date	Status Expiration Date
340058.598 France	EPP	09770596.6 15-Apr-2009	2321093 18-May-2011	2321093 02-Jan-2013	Granted 15-Apr-2029
Title: VENTED CUTTING HEAD BODY FOR ABRASIVE JET SYSTEM					
340058.598 Germany	EPP	09770596.6 15-Apr-2009	2321093 18-May-2011	2321093 02-Jan-2013	Granted 15-Apr-2029
Title: VENTED CUTTING HEAD BODY FOR ABRASIVE JET SYSTEM					
340058.598 Italy	EPP	09770596.6 15-Apr-2009	2321093 18-May-2011	2321093 02-Jan-2013	Granted 15-Apr-2029
Title: VENTED CUTTING HEAD BODY FOR ABRASIVE JET SYSTEM					
340058.598 Spain	EPP	09770596.6 15-Apr-2009	ES2401853T3 18-May-2011	2321093 02-Jan-2013	Granted 15-Apr-2029
Title: VENTED CUTTING HEAD BODY FOR ABRASIVE JET SYSTEM					
340058.598 Sweden	EPP	09770596.6 15-Apr-2009	2321093 18-May-2011	2321093 02-Jan-2013	Granted 15-Apr-2029
Title: VENTED CUTTING HEAD BODY FOR ABRASIVE JET SYSTEM					
340058.598 United Kingdom	EPP	09770596.6 15-Apr-2009	2321093 18-May-2011	2321093 02-Jan-2013	Granted 15-Apr-2029
Title: VENTED CUTTING HEAD BODY FOR ABRASIVE JET SYSTEM					
340058.598 United States of America	PRI	12/144489 23-Jun-2008	20090318064 24-Dec-2009	8210908 03-Jul-2012	Granted 04-May-2031
Title: VENTED CUTTING HEAD BODY FOR ABRASIVE JET SYSTEM					
340058.598CN China (People's Republic)	PCT	200980123700.7 15-Apr-2009	CN102066054A 18-May-2011		Published
Title: VENTED CUTTING HEAD BODY FOR ABRASIVE JET SYSTEM					
340058.598KR Korea, Republic of	PCT	10-2010-7027738 15-Apr-2009			Pending
Title: VENTED CUTTING HEAD BODY FOR ABRASIVE JET SYSTEM					
340058.598TW Taiwan	ORD	098118956 06-Jun-2009	201006610 16-Feb-2010		Published
Title: VENTED CUTTING HEAD BODY FOR ABRASIVE JET SYSTEM					
340058.599 United States of America	PRI	12/272577 17-Nov-2008	20100124872 20-May-2010	8308525 13-Nov-2012	Granted 14-Sep-2031
Title: PROCESSES AND APPARATUSES FOR EHHANCED CUTTING USING BLENDS OF ABRASIVE MATERIALS					

Case Number Country	SubCase Case Type	Application Filing Date	Publication Publication Date	Patent Number Issue Date	Status Expiration Date
340058.601 European Patent Convention	PCT	11744164.2 29-Jul-2011			Pending
Title: SYSTEM AND METHOD FOR TOOL TESTING AND ALIGNMENT					
340058.601 United States of America	PRI	12/878885 09-Sep-2010	20120065769 15-Mar-2012	8401692 19-Mar-2013	Granted 04-Jun-2031
Title: SYSTEM AND METHOD FOR TOOL TESTING AND ALIGNMENT					
340058.602 United States of America	PRI	08/855288 13-May-1997		5778713 14-Jul-1998	Granted 13-May-2017
Title: METHOD AND APPARATUS FOR ULTRA HIGH PRESSURE WATER JET PEENING					
340058.602JP1 Japan	DIV	2009-130873 26-May-1998		4486697 02-Apr-2010	Granted 26-May-2018
Title: ULTRAHIGH PRESSURE WATERJET PEENING					
340058.604 United States of America	PRI	13/194586 29-Jul-2011	20130025386 31-Jan-2013		Published
Title: COUPLER ASSEMBLY AND DRIVE SYSTEMS INCLUDING SAME					
340058.605 United States of America	PRI	13/194579 29-Jul-2011	20130025422 31-Jan-2013		Published
Title: WATERJET CUTTING SYSTEM WITH STANDOFF DISTANCE CONTROL					
340058.605WO Patent Cooperation Treaty	ORD	US2012/041734 08-Jun-2012	WO2013/019317 07-Feb-2013		Published
Title: WATERJET CUTTING SYSTEM WITH STANDOFF DISTANCE CONTROL					
340058.606 United States of America	PRI	13/193435 28-Jul-2011	20130025425 31-Jan-2013		Published
Title: CATCHER TANK ASSEMBLY OF WATERJET CUTTING SYSTEM					
340058.606WO Patent Cooperation Treaty	ORD	US2012/041735 08-Jun-2012	WO2013/015892 31-Jan-2013		Published
Title: CATCHER TANK ASSEMBLY OF WATERJET CUTTING SYSTEM					
340058.607 Patent Cooperation Treaty	ORD	US2013/021265 11-Jan-2013			Pending
Title: DEVICES FOR SEALING HIGH PRESSURE AND ULTRAHIGH PRESSURE FLUID SYSTEMS					
340058.607 Taiwan	ORD	102101273 11-Jan-2013			Pending
Title: DEVICES FOR SEALING HIGH PRESSURE AND ULTRAHIGH PRESSURE FLUID SYSTEMS					

Case Number Country	SubCase	Case Type	Application Filing Date	Publication Publication Date	Patent Number Issue Date	Status Expiration Date
340058.608 Patent Cooperation Treaty		ORD	US2013/021262 11-Jan-2013			Pending
Title: RELIEF VALVE ASSEMBLY AND COMPONENTS THEREOF						
340058.608 Taiwan		ORD	102101272 11-Jan-2013			Pending
Title: RELIEF VALVE ASSEMBLY AND COMPONENTS THEREOF						
340058.609 United States of America		PRI	13/665774 31-Oct-2012			Pending
Title: FLUID DISTRIBUTION COMPONENTS OF HIGH-PRESSURE FLUID JET SYSTEMS						
340058.611 United States of America	P1	PRO	61/780233 13-Mar-2013			Pending 13-Mar-2014
Title: FLUID JET RECEIVING RECEPTACLES WITH RECEPTACLE COVERS AND RELATED FLUID JET CUTTING SYSTEMS AND METHODS						
340058.612 Patent Cooperation Treaty		ORD	US2013/029120 05-Mar-2013			Pending
Title: FLUID JET RECEPTACLE WITH ROTATABLE INLET FEED COMPONENT AND RELATED FLUID JET CUTTING SYSTEM AND METHOD						
340058.612 Taiwan		ORD	102107697 05-Mar-2013			Pending
Title: FLUID JET RECEPTACLE WITH ROTATABLE INLET FEED COMPONENT AND RELATED FLUID JET CUTTING SYSTEM AND METHOD						
340058.612 United States of America		PRI	13/473280 16-May-2012			Pending
Title: FLUID JET RECEPTACLE WITH ROTATABLE INLET FEED COMPONENT AND RELATED FLUID JET CUTTING SYSTEM AND METHOD						
340058.613 United States of America		ORD	13/782916 01-Mar-2013			Pending
Title: FLUID JET RECEIVING RECEPTACLES AND RELATED FLUID JET CUTTING SYSTEMS AND METHODS						
340058.615 United States of America	P1	PRO	61/738029 17-Dec-2012			Pending 17-Dec-2013
Title: WORKPIECE FIXTURE OF FLUID JET CUTTING SYSTEM						
340058.901 United States of America		DES	29/147337 27-Aug-2001		D460094 09-Jul-2002	Granted 09-Jul-2016
Title: SPRAY SHIELD FOR WATERJET SYSTEMS						

Case Number Country	SubCase Case Type	Application Filing Date	Publication Publication Date	Patent Number Issue Date	Status Expiration Date
340058.902 United States of America	DES	29/147331 27-Aug-2001		D469788 04-Feb-2003	Granted 04-Feb-2017
Title: COVER FOR WATERJET ASSEMBLY					
340058.902C1 United States of America	DES	29/169320 16-Oct-2002		D484153 23-Dec-2003	Granted 23-Dec-2017
Title: COVER FOR WATERJET ASSEMBLY					
340058.903 United States of America	DES	29/152778 27-Dec-2001		D515675 21-Feb-2006	Granted 21-Feb-2020
Title: ELEMENTS FOR A SUPERPRESSURE STATIC FLUID SEAL					
340058.904 United States of America	DES	29/158318 01-Apr-2002		D480783 14-Oct-2003	Granted 14-Oct-2017
Title: ORIFICE MOUNT FOR HIGH-PRESSURE FLUID JET SYSTEM					
340058.904CA Canada	DES	100782 01-Oct-2002		100782 28-May-2003	Granted 28-May-2013
Title: ORIFICE MOUNT FOR HIGH-PRESSURE FLUID JET SYSTEM (W/SHOULDER)					
340058.904GB United Kingdom	DES	3007423 01-Oct-2002		3007423 27-Nov-2002	Granted 01-Oct-2027
Title: ORIFICE MOUNT FOR HIGH-PRESSURE FLUID JET SYSTEM (W/SHOULDER)					
340058.904II International Design (Old Code)	DES	222937001 01-Oct-2002		DM/062471 04-Feb-2003	Granted 01-Oct-2017
Title: ORIFICE MOUNT FOR HIGH-PRESSURE FLUID JET SYSTEM (W/SHOULDER)					
340058.904TW Taiwan	DES	091305545 01-Oct-2002	D103780 21-Mar-2005	D103780 21-Mar-2005	Granted 30-Sep-2014
Title: ORIFICE MOUNT FOR HIGH-PRESSURE FLUID JET SYSTEM (W/SHOULDER)					
340058.905 United States of America	DES	29/158317 01-Apr-2002		D470566 18-Feb-2003	Granted 18-Feb-2017
Title: ORIFICE MOUNT FOR HIGH-PRESSURE FLUID JET SYSTEM					
340058.905CA Canada	DES	100781 01-Oct-2002		100781 28-May-2003	Granted 28-May-2013
Title: ORIFICE MOUNT FOR HIGH-PRESSURE FLUID JET SYSTEM					
340058.905GB United Kingdom	DES	3007422 01-Oct-2002		3007422 27-Nov-2002	Granted 01-Oct-2027
Title: ORIFICE MOUNT FOR HIGH-PRESSURE FLUID JET SYSTEM					

Case Number Country	SubCase Case Type	Application Filing Date	Publication Publication Date	Patent Number Issue Date	Status Expiration Date
340058.909 United States of America	DCP	29/250411 13-Nov-2006		D561877 12-Feb-2008	Granted 12-Feb-2022
Title: SEAL CARRIER FOR ULTRAHIGH-PRESSURE FLUID SYSTEM					
340058.909CA Canada	DES	120715 11-May-2007		120715 07-Feb-2008	Granted 07-Feb-2018
Title: SEAL CARRIER FOR ULTRAHIGH-PRESSURE FLUID SYSTEMS					
340058.909CN China (People's Republic)	DES	200730144899.5 11-May-2007		ZL200730144899.5 17-Sep-2008	Granted 11-May-2017
Title: SEAL CARRIER FOR ULTRAHIGH-PRESSURE FLUID SYSTEMS					
340058.909EM European Community	DES	000721535 11-May-2007		000721535 11-May-2007	Granted 11-May-2032
Title: SEAL CARRIER FOR ULTRAHIGH-PRESSURE FLUID SYSTEMS					
340058.909JP Japan	DES	2007-12442 11-May-2007		1325155 22-Feb-2008	Granted 22-Feb-2028
Title: SEAL CARRIER FOR ULTRAHIGH-PRESSURE FLUID SYSTEMS					
340058.909MX Mexico	DES	MX/f/2007/001051 14-May-2007		25797 14-May-2008	Granted 14-May-2022
Title: SEAL CARRIER FOR ULTRAHIGH-PRESSURE FLUID SYSTEMS					
340058.909TW Taiwan	DES	096302661 11-May-2007	D123319	D123319 11-Jun-2008	Granted 10-May-2019
Title: SEAL CARRIER FOR ULTRAHIGH-PRESSURE FLUID SYSTEMS					