

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3820696

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

CONVEYING PARTY DATA

Name	Execution Date
PNC BANK, NATIONAL ASSOCIATION	03/28/2016

RECEIVING PARTY DATA

Name:	SWAN PRODUCTS, LLC
Street Address:	999 RIVERVIEW DRIVE, SUITE 325
Internal Address:	ATTN: RALPH PANTANO, CFO
City:	TOTOWA
State/Country:	NEW JERSEY
Postal Code:	07044
Name:	SWAN PRODUCTS CANADA LTD.
Street Address:	999 RIVERVIEW DRIVE, SUITE 325
Internal Address:	ATTN: RALPH PANTANO, CFO
City:	TOTOWA
State/Country:	NEW JERSEY
Postal Code:	07044

PROPERTY NUMBERS Total: 26

Property Type	Number
Application Number:	08144316
Application Number:	08377858
Application Number:	08438868
Application Number:	08904404
Application Number:	09271695
Application Number:	08722506
Application Number:	08720078
Application Number:	07930345
Application Number:	08178313
Application Number:	08490845
Application Number:	08869498
Application Number:	29221707
Application Number:	29221708

PATENT

Property Type	Number
Application Number:	10812119
Application Number:	10812202
Application Number:	11478875
Application Number:	11710857
Application Number:	13115600
Application Number:	11800440
Application Number:	61257075
Application Number:	12917047
Application Number:	61305725
Application Number:	13030832
Application Number:	12960750
Application Number:	13308070
Application Number:	13309164

CORRESPONDENCE DATA

Fax Number: (314)259-2020

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 314-259-2000

Email: susan.murphy@bryancave.com

Correspondent Name: MURPHY SUSAN

Address Line 1: 211 NORTH BROADWAY, SUITE 3600

Address Line 4: ST. LOUIS, MISSOURI 63102

ATTORNEY DOCKET NUMBER:	0395977
NAME OF SUBMITTER:	BRIAN DEVLING
SIGNATURE:	/Brian Devling/
DATE SIGNED:	04/07/2016

Total Attachments: 36

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

This Termination and Release of Security Interest in Trademarks and Patents is effective as of March 28, 2016, by PNC BANK, NATIONAL ASSOCIATION (the "Agent").

WHEREAS, a certain Trademark and Patent Security Agreement, dated as of April 11, 2013, (as amended, restated, supplemented or otherwise modified from time to time, the "Intellectual Property Security Agreement"), was executed in favor of the Agent by and among Swan Products, LLC, a Delaware limited liability company and Swan Products Canada Ltd., a corporation organized under the laws of the Province of Ontario (collectively, the "Grantors") and Agent, pursuant to which the Grantors granted to the Agent a security interest in certain of the Grantors' assets, including each of their Patents and Trademarks, as defined in the Intellectual Property Security Agreement, and as set forth in the Schedule attached hereto (collectively, the "Patents and Trademarks"); and

WHEREAS, the Intellectual Property Security Agreement was recorded (a) for Patents with the U.S. Patent and Trademark Office on April 30, 2013, at Reel 030314, Frame 0261 and (b) for Trademarks with the U.S. Patent and Trademark Office on April 30, 2013, at Reel 5016, Frame 0932.

NOW, THEREFORE, intending to be legally bound hereby, the Agent hereby releases and terminates any and all rights, title and interests in and to the Patents and Trademarks, and hereby authorizes each of the Grantors or each of Grantors' authorized attorneys, representatives, agents or designees to record this Termination and Release of Security Interest in Trademarks and Patents with the U.S. Patent and Trademark Office.

[REMAINDER OF PAGE LEFT BLANK]

IN WITNESS WHEREOF, the Agent duly executes this Termination and Release of Security Interest in Trademarks and Patents, which is effective as of the day and year first written above.

PNC BANK, NATIONAL ASSOCIATION, as
Agent

By: 

Alberto Casarus, Jr.
Vice President

[SIGNATURE PAGE TO TERMINATION AND RELEASE OF SECURITY INTEREST
IN TRADEMARKS AND PATENTS]

PATENT
REEL: 038382 FRAME: 0164

Schedule 1

See Attached

SCHEDULE 1

TRADEMARK REGISTRATIONS

TRADEMARKS

1. Trademarks

Argentina

No.	Trademark	Class	Reg.\App. No.	Owner
1	AERO-TUBE	17	Reg. No. 2263481	Plastic Specialties and Technologies, Inc.

Canada

No.	Trademark	Class	Reg.\App. No.	Owner
1	AERO-TUBE	17	Reg. No. TMA781350	Plastic Specialties and Technologies, Inc.
2	AQUACOLORS	17	Reg. No. TMA698874	Plastic Specialties and Technologies, Inc.
3	CONTINUOUS FLOW	17	Reg. No. TMA698286	Plastic Specialties and Technologies, Inc.
4	DURAFLOW	17	Reg. No. TMA770142	Plastic Specialties and Technologies, Inc.
5	FLEXRITE	17	Reg. No. TMA496007	Plastic Specialties and Technologies, Inc.
6	HOUSEMATES	17	Reg. No. TMA761783	Plastic Specialties and Technologies, Inc.

7	WATER COLORS	17	Reg. No. TMA609238	Plastic Specialties and Technologies, Inc.
8	HORNET	17	Reg. No. TMA499046	Tekni-Plex, Inc.
9	MATCH YOUR HOSE TO YOUR HOUSE	17	Reg. No. TMA790389	Tekni-Plex, Inc.
10	TOPFLEX	17	Reg. No. TMA494527	Tekni-Plex, Inc.
11	WEATHER MASTER	17	Reg. No. TMA430320	Tekni-Plex, Inc.

India

No.	Trademark	Class	Reg.\App. No.	Owner
1	AERO-TUBE	17	App. No. 1627333	Plastic Specialties and Technologies, Inc.

Mexico

No.	Trademark	Class	Reg.\App. No.	Owner
1	AERO-TUBE	17	Reg. No. 1033205	Plastic Specialties and Technologies, Inc.
2	AQUACOLORS	17	Reg. No. 864947	Plastic Specialties and Technologies, Inc.
3	DURAFLOW	17	Reg. No. 1002129	Plastic Specialties and Technologies, Inc.
4	HOUSEMATES	17	Reg. No. 979912	Plastic Specialties and Technologies, Inc.

New Zealand

No.	Trademark	Class	Reg.\App. No.	Owner

1	AERO-TUBE	17	Reg. No. 777078	Plastic Specialties and Technologies, Inc.
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South Africa

No.	Trademark	Class	Reg.\App. No.	Owner
1	AERO-TUBE	17	Reg. No. 200728139	Plastic Specialties and Technologies, Inc.

United States of America

No.	Trademark	Class	Reg.\App. No.	Owner
1	AERO-TUBE	17	Reg. No. 3477416	Plastic Specialties and Technologies, Inc.
2	DURAFLOW	17	Reg. No. 3477417	Plastic Specialties and Technologies, Inc.
3	FINGERTITE	17	Reg. No. 1838680	Plastic Specialties and Technologies, Inc.
4	FLEXRITE	17	Reg. No. 2110026	Plastic Specialties and Technologies, Inc.
5	HOUSEMATES	17	Reg. No. 3477415	Plastic Specialties and Technologies, Inc.
6	KINK FREE	17	Reg. No. 2966501	Plastic Specialties and Technologies, Inc.
7	MISCELLANEOUS DESIGN (BLUE STRIPE)	17	Reg. No. 3400317	Plastic Specialties and Technologies, Inc.
8	ULTRALITE	17	Reg. No. 1825140	Plastic Specialties and Technologies, Inc.

9	WATERWORKS	17	App. No. 85734863	Plastic Specialties and Technologies, Inc.
10	ELEMENT	6, 21	App. No. 77782990	Tekni-Plex, Inc.
11	ELEMENT	17	Reg. No. 4080675	Tekni-Plex, Inc.
12	WATERHOSE	17	Reg. No. 3652258	Tekni-Plex, Inc.
13	MATCH YOUR HOSE TO YOUR HOUSE	17	Reg. No. 3554821	Tekni-Plex, Inc.
14	COUNTRY CLUB	17	Reg. No. 1393243	TP1 Acquisition Subsidiary, Inc.
15	EARTH QUENCHER	17	Reg. No. 1546425	TP1 Acquisition Subsidiary, Inc.
16	FAIRLAWN	17	Reg. No. 1208332	TP1 Acquisition Subsidiary, Inc.
17	FORMULA Z7 and Design	17	Reg. No. 1008815	TP1 Acquisition Subsidiary, Inc.
18	GRIPPER	17	Reg. No. 1346137	TP1 Acquisition Subsidiary, Inc.
19	KEEP GROWING WITH SWAN	17	Reg. No. 1950653	TP1 Acquisition Subsidiary, Inc.
20	MAXIFLEX	17	Reg. No. 1511770	TP1 Acquisition Subsidiary, Inc.
21	MEDALLION	17	Reg. No. 1314600	TP1 Acquisition Subsidiary, Inc.
22	PERFECT GARDENER	17	Reg. No. 1917956	TP1 Acquisition Subsidiary, Inc.
23	PERMAFLOW	17	Reg. No. 1733042	TP1 Acquisition Subsidiary, Inc.
24	PRESSURE MASTER	17	Reg. No. 1016341	TP1 Acquisition Subsidiary, Inc.
25	PROFLEX	17	Reg. No. 1504846	TP1 Acquisition Subsidiary, Inc.

26	RV3	17	Reg. No. 1296205	TP1 Acquisition Subsidiary, Inc.
27	SEAL-TITE	6	Reg. No. 2229710	TP1 Acquisition Subsidiary, Inc.
28	SOFT & SUPPLE	17	Reg. No. 1132212	TP1 Acquisition Subsidiary, Inc.
29	SWAN	17	Reg. No. 0740032	TP1 Acquisition Subsidiary, Inc.
30	SWAN and Design	17	Reg. No. 0951370	TP1 Acquisition Subsidiary, Inc.
31	WEATHER MASTER	17	Reg. No. 1337908	TP1 Acquisition Subsidiary, Inc.
32	WEATHERFLEX	17	Reg. No. 1528240	TP1 Acquisition Subsidiary, Inc.
33	WEATHER-FLEX	17	Reg. No. 1015801	TP1 Acquisition Subsidiary, Inc.
34	YARD GARD	17	Reg. No. 2305696	TP1 Acquisition Subsidiary, Inc.
35	YARD MATE	17	Reg. No. 1380431	TP1 Acquisition Subsidiary, Inc.
36	WEATHER GUARD	<u>17</u>	Reg. No. 1337909	TP1 Acquisition Subsidiary, Inc.
37	AMERICAN PRIDE	17	Reg. No. 1781431	TP1 Acquisition Subsidiary, Inc.

PATENTS

1. See Attached

Owner: OW/207 Aquapore Moisture Systems

Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
T012-7004/1 United States of America	DIV	08/144,316 01-Nov-1993		5,445,775 29-Aug-1995	Expired 29-Aug-2012

Client Name: Tekni-Plex, Inc.

Attorney(s): TAH

Agent Name:

Client Ref:

Title: METHOD OF FORMING U. V. STABILIZED POROUS PIPE

Agent Ref:

Owner: OW209 Plastic Specialties and Technologies, Inc.

Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
T012-7009/0 United States of America	PRI	08/377,858 25-Jan-1995		5,498,043 12-Mar-1996	Granted 25-Jan-2015

Client Name: Tekni-Plex, Inc.

Agent Name:

Attorney(s): TAH

Client Ref:

Agent Ref:

Title: HOSE FITTING HAVING FERRULE ANTI-ROTATION RATCHET TEETH

Owner: OW222 TPI Acquisition Subsidiary, Inc

Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
T012-7013/0 United States of America	PRI	08/438,868 10-May-1995		5,626,369 06-May-1997	Granted 10-May-2015

Client Name: Tekni-Plex, Inc.

Agent Name:

Attorney(s): TAH

Client Ref:

Agent Ref:

Title: HOSE ASSEMBLY, INTERNALLY THREADED MEMBER THEREFOR AND METHODS OF MAKING THE SAME

Owner: OW222 TPI Acquisition Subsidiary, Inc

Case Number/Subcase	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status	Expiration Date
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T012-7016/0	PRI	08/904,404 31-Jul-1997		5,894,866 20-Apr-1999	Granted	31-Jul-2017
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Client Name: Tekni-Plex, Inc.

Attorney(s): TAH

Agent Name:

Client Ref:

Title: GARDEN HOSE ASSEMBLY HAVING HOLDING MEANS ADAPTED TO BE COILED AROUND AN ASSOCIATED SUPPORT AND METHOD OF MAKING SAME

T012-7016/1	CON	09/271,695 18-Mar-1999		6,021,818 08-Feb-2000	Granted	31-Jul-2017
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Client Name: Tekni-Plex, Inc.

Attorney(s): TAH

Agent Name:

Client Ref:

Title: GARDEN HOSE ASSEMBLY HAVING HOLDING MEANS ADAPTED TO BE COILED AROUND AN ASSOCIATED SUPPORT AND METHOD OF MAKING SAME

Owner: OW212 Plastic Specialties and Technologies Investments

Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
T012-7014/0 United States of America	PRI	08/722,506 27-Sep-1996		5,811,038 22-Sep-1998	Granted 27-Sep-2016

Client Name: Tekni-Plex, Inc.

Agent Name:

Attorney(s): TAH
Client Ref:

Agent Ref:

Title: METHOD OF BLENDING COMPONENTS FOR POROUS PLASTIC PIPE PROCESSING

Owner: OW212 Plastic Specialties and Technologies Investments

Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
T012-7015/0 United States of America	PRI	08/720,078 27-Sep-1996		5,811,164 22-Sep-1998	Granted 27-Sep-2016

Client Name: Tekni-Plex, Inc.

Agent Name:

Title: AERATION PIPE AND METHOD OF MAKING SAME

Attorney(s): TAH

Client Ref:

Agent Ref:

Friday, January 04, 2013

Patent List

Page 4

Owner: OW223 Tekni-Plex Technologies (Suzhou) Co., Ltd.

Case Number/Subcase	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status	Expiration Date
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T012-7041/1		ORD 200710110725.6			Pending	
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China (People's Republic)

Client Name: Tekni-Plex, Inc.
Agent Name: Boss & Young

Title: FINE BUBBLE AIRLIFT DEVICE

Attorney(s): TAH CLB
Client Ref:
Agent Ref: FP1F070234ZL/USLEY/L

Order: T012 Tekni-Plex, Inc.

Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
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T012-7004/0 United States of America	PRI	07/930,345 14-Aug-1992		5,299,885 05-Apr-1994	Expired 14-Aug-2012
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Client Name: Tekni-Plex, Inc.
Agent Name:
Title: STABILIZED POROUS PIPE
Attorney(s): TAH
Client Ref:
Agent Ref:

T012-7004/2 United States of America	CIP	08/178,313 10-Jan-1994		5,474,398 12-Dec-1995	Expired 12-Dec-2012
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Client Name: Tekni-Plex, Inc.
Agent Name:
Title: STABILIZED POROUS PIPE
Attorney(s): TAH
Client Ref:
Agent Ref:

T012-7004/3 United States of America	DIV	08/490,845 14-Jul-1995		5,776,387 07-Jul-1998	Expired 14-Aug-2012
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Client Name: Tekni-Plex, Inc.
Agent Name:
Title: METHOD OF FORMING STABILIZED POROUS PIPE
Attorney(s): TAH
Client Ref:
Agent Ref:

Owner: T012 Tekui-Plex, Inc.

Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
T012-7018/0 United States of America	ORD	08/869,498 05-Jun-1997		5,921,586 13-Jul-1999	Granted 05-Jun-2017

Client Name: Tekui-Plex, Inc.

Agent Name:

Title: VARIABLE SIZE FITTING

Attorney(s): TAH

Client Ref:

Agent Ref:

Friday, January 04, 2013

Patent List

Page 1

Owner: T012

Tekni-Plex, Inc.

Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
T012-7031/0 United States of America	DCN	29/221,707 19-Jan-2005		D512,134 S 29-Nov-2005	Granted 29-Nov-2019

Client Name: Tekni-Plex, Inc.

Agent Name:

Title: SPIGOT

Attorney(s): TAH

Client Ref:

Agent Ref:

Owner: T012 Tekni-Plex, Inc.

Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
T012-7033/0 United States of America	DES	29/221,708 19-Jan-2005		D512,492 06-Dec-2005	Granted 06-Dec-2019

Client Name: Tekni-Plex, Inc.

Agent Name:

Title: HOSE COUPLER

Attorney(s): TAH

Client Ref:

Agent Ref:

Owner: T012

Tekin-Plex, Inc.

Case Number/Subcase	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status
T012-7035/0	ORD	10/812,119 29-Mar-2004	US-2004-0201213-A1 14-Oct-2004	7,108,292 19-Sep-2006	Granted 05-Sep-2024

United States of America

Client Name: Tekin-Plex, Inc.

Agent Name:

Title: HOSE COUPLER

Attorney(s): TAH

Client Ref:

Agent Ref:

Owner: T012 Tekni-Plex, Inc.

Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
T012-7036/0 United States of America	ORD	10/812,202 29-Mar-2004		7,121,521 17-Oct-2006	Granted 27-May-2024

Client Name: Tekni-Plex, Inc.

Agent Name:

Title: SPIGOT

Attorney(s): TAH

Client Ref:

Agent Ref:

Owner: T012 Tekni-Plex, Inc.

Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
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T012-7041/0 United States of America	PRI	11/478,875 30-Jun-2006	US-2008-0000823-A1 03-Jan-2008	7,622,040 24-Nov-2009	Granted 14-Oct-2026
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Client Name: Tekni-Plex, Inc.

Agent Name:

Title: FINE BUBBLE AIRLIFT DEVICE

Attorney(s): TAH CLB

Client Ref:

Agent Ref:

T012-7041/1 Argentina	ORD	070102943 30-Jun-2007		AR061767B1 24-Jun-2011	Granted 30-Jun-2027
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Client Name: Tekni-Plex, Inc.

Agent Name: Clarke, Model & Co

Title: FINE BUBBLE AIRLIFT DEVICE

Attorney(s): TAH CLB

Client Ref:

Agent Ref: P 8483-AR

T012-7041/1 Taiwan	ORD	096119538 31-May-2007			Pending
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Client Name: Tekni-Plex, Inc.

Agent Name: LEE AND LI

Title: FINE BUBBLE AIRLIFT DEVICE

Attorney(s): TAH CLB

Client Ref:

Agent Ref: T48996/120217

Owner: T012 Tekni-Plex, Inc

Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
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T012-7041/1 United States of America	CIP	11/710,857 26-Feb-2007		7,954,791 07-Jun-2011	Granted 14-Oct-2026
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Client Name: Tekni-Plex, Inc.

Agent Name:

Title: FINE BUBBLE AIRLIFT DEVICE

Attorney(s): TAH CLB

Client Ref:

Agent Ref:

T012-7041/2 United States of America	DIV	13/115,600 25-May-2011	US-2011-0220732-A1 15-Sep-2011		Published 14-Oct-2026
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Client Name: Tekni-Plex, Inc.

Agent Name:

Title: FINE BUBBLE AIRLIFT DEVICE

Attorney(s): TAH CLB

Client Ref:

Agent Ref:

Order #1012 Tekni-Plex, Inc.

Case Number/Subcase	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status	Expiration Date
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T012-7044/0	ORD	070101977 07-May-2007		AR060790B1 19-Nov-2012	Granted	07-May-2027
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Client Name: Tekni-Plex, Inc.

Agent Name: Clarke, Model & Co

Title: AERATION DEVICE FOR USE AS A DIFFUSER

Attorney(s): TAH

Client Ref:

Agent Ref: P 8377-AR

T012-7044/0	ORD	096116313 08-May-2007	1345950 01-Aug-2011	1345950 01-Aug-2011	Granted	08-May-2027
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Client Name: Tekni-Plex, Inc.

Agent Name: LEE AND LI

Title: AERATION DEVICE FOR USE AS A DIFFUSER

Attorney(s): TAH

Client Ref:

Agent Ref: T48996/120852

T012-7044/0	ORD	11/800,440 04-May-2007	US-2007-0257382-A1 08-Nov-2007	7,934,706 03-May-2011	Granted	02-Mar-2030
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Client Name: Tekni-Plex, Inc.

Agent Name:

Title: AERATION DEVICE FOR USE AS A DIFFUSER

Attorney(s): TAH

Client Ref:

Agent Ref:

Owner: T012 Tekni-Plex, Inc.

Case Number/Subcase	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status	Expiration Date
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T012-7045/0	PCT	BR112012010324-5 01-Nov-2010			Pending	
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Attorney(s): TAH
Client Ref:

Agent Name: DANNEMANN SIEMSEN BIGLER IPANEMA & MOREIRA
Agent Ref: P185743

Title: COUPLING MEMBER WITH INTERRUPTED THREAD AND METHOD OF MANUFACTURE

T012-7045/0	PCT	2778550 01-Nov-2010			Pending	
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Attorney(s): TAH

Client Ref:

Agent Ref: 05013620-17CA

Client Name: Tekni-Plex, Inc.
Agent Name: Norton Rose OR LLP
Title: COUPLING MEMBER WITH INTERRUPTED THREAD AND METHOD OF MANUFACTURE

T012-7045/0	PCT	201080055399.3 01-Nov-2010	CN102648371A 22-Aug-2012		Published	
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Attorney(s): TAH

Client Ref:

Agent Ref: IDM21205

Client Name: Tekni-Plex, Inc.
Agent Name: CCPIT Patent & Trademark Law
Title: COUPLING MEMBER WITH INTERRUPTED THREAD AND METHOD OF MANUFACTURE

Owner: T012 Tekni-Plex, Inc.

Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
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T012-7045/0 European Patent Convention	PCT	10776491.2 01-Nov-2010	2496873 12-Sep-2012		Published
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Client Name: Tekni-Plex, Inc.

Attorney(s): TAH

Agent Name: PAGE WHITE AND FARRER

Client Ref:

Title: COUPLING MEMBER WITH INTERRUPTED THREAD AND METHOD OF MANUFACTURE

Agent Ref:

T012-7045/0 India	PCT	3825/CHENP/2012 01-Nov-2010			Pending
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Client Name: Tekni-Plex, Inc.

Attorney(s): TAH

Agent Name: DE PENNING & DE PENNING

Client Ref:

Title: COUPLING MEMBER WITH INTERRUPTED THREAD AND METHOD OF MANUFACTURE

Agent Ref: 2128-2012/AP/1s

T012-7045/0 Japan	PCT	2012-537929 01-Nov-2010			Pending
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Client Name: Tekni-Plex, Inc.

Attorney(s): TAH

Agent Name: Yuasa & Hara

Client Ref:

Title: COUPLING MEMBER WITH INTERRUPTED THREAD AND METHOD OF MANUFACTURE

Agent Ref: T-1052-0001/120692

Owner: T012 Tekni-Plex, Inc.

Case Number/Subcase	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status	Expiration Date
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T012-7045/0 Mexico	PCT	MX/a2012/004966 01-Nov-2010			Pending	
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Client Name: Tekni-Plex, Inc.
Client Ref: TAH

Agent Name: uhthoff gomez veiga & uhthoff, s.c.
Agent Ref: 230276/UO/hb/edr

Title: COUPLING MEMBER WITH INTERRUPTED THREAD AND METHOD OF MANUFACTURE

T012-7045/0 Patent Cooperation Treaty	ORD	PCT/US10/054959 01-Nov-2010	WO 2011/066062 03-Jun-2011		Nationalized	
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Client Name: Tekni-Plex, Inc.
Client Ref: TAH

Agent Name: TAH
Agent Ref:

Title: COUPLING MEMBER WITH INTERRUPTED THREAD AND METHOD OF MANUFACTURE

T012-7045/0 Thailand	PCT	1201002048 01-Nov-2010			Pending	
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Client Name: Tekni-Plex, Inc.
Client Ref: TAH

Agent Name: TILLEKE & GIBBINS
Agent Ref: R01052-00003 PCTN

Title: COUPLING MEMBER WITH INTERRUPTED THREAD AND METHOD OF MANUFACTURE

Office: T012 Tekni-Plex, Inc.

Case Number/Subcase	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
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T012-7045/0	PRO	61/257,075 02-Nov-2009			Unity/PCT Filed 02-Nov-2010
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Client Name: Tekni-Plex, Inc.

Agent Name:

Title: MALE HOSE COUPLING MEMBER

Attorney(s): TAH

Client Ref:

Agent Ref:

T012-7045/1	ORD	12/917,047 01-Nov-2010	US-2011-0101681-A1 05-May-2011		Published
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Client Name: Tekni-Plex, Inc.

Agent Name:

Title: COUPLING MEMBER WITH INTERRUPTED THREAD AND METHOD OF MANUFACTURE

Attorney(s): TAH

Client Ref:

Agent Ref:

Owner: T012 Tekni-Plex, Inc.

Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
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T012-7047/0 Brazil	PCT	BR112012020796-2 18-Feb-2011			Pending
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Client Name: Tekni-Plex, Inc.
Attorney(s): TAH
Client Ref:

Agent Name: DANNEMANN SIEMSEN BIGLER IPANEMA & MOREIRA
Agent Ref: P188779

Title: AERATION SYSTEM WITH ANTIMICROBIAL PROPERTIES

T012-7047/0 China (People's Republic)	PCT	201180013704.7 18-Feb-2011			Pending
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Client Name: Tekni-Plex, Inc.
Attorney(s): TAH
Client Ref:

Agent Name: LEE AND LI
Agent Ref: T48996/CN13186
Title: AERATION SYSTEM WITH ANTIMICROBIAL PROPERTIES

T012-7047/0 Patent Cooperation Treaty	ORD	PCT/US11/025458 18-Feb-2011	WO 2011/103445 25-Aug-2011		Nationalized
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Client Name: Tekni-Plex, Inc.
Attorney(s): TAH
Client Ref:

Agent Name:
Agent Ref: T48996/CN13186
Title: AERATION SYSTEM WITH ANTIMICROBIAL PROPERTIES

Owner: T012 Tekni-Plex, Inc.

Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
T012-7047/0 United States of America	PRO	61/305,725 18-Feb-2010			Utility/PC/T Filed 18-Feb-2011

Client Name: Tekni-Plex, Inc.

Attorney(s): TAH

Agent Name:

Client Ref:

Title: ANTIMICROBIAL AERATION HOSE

T012-7047/1 United States of America	ORD	13/030,832 18-Feb-2011	US-2011-0198764-A1 18-Aug-2011		Published
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Client Name: Tekni-Plex, Inc.

Attorney(s): TAH

Agent Name:

Client Ref:

Title: AERATION SYSTEM WITH ANTIMICROBIAL PROPERTIES

Object: 1012 Tekni-Plex, Inc.

Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
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T012-7052/0 Australia	PCT	2011338678 06-Dec-2011			Pending
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Client Name: Tekni-Plex, Inc.
Client Ref: TAH
Agent Name: Phillips Ormonde & Fitzpatrick
Agent Ref: 950229
Title: METHOD AND APPARATUS FOR LEACHING METAL FROM MINING ORE

T012-7052/0 Canada	PCT	2790118 06-Dec-2011			Pending
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Client Name: Tekni-Plex, Inc.
Client Ref: TAH
Agent Name: Norton Rose OR LLP
Agent Ref: 05013620-19CA
Title: METHOD AND APPARATUS FOR LEACHING METAL FROM MINING ORE

T012-7052/0 Chile	PCT	2012-2748 06-Dec-2011			Pending
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Client Name: Tekni-Plex, Inc.
Client Ref: TAH
Agent Name: Saegun & Krahn
Agent Ref: 811.101
Title: METHOD AND APPARATUS FOR LEACHING METAL FROM MINING ORE

Owner: T012 Tekni-Plex, Inc.

Case Number/Subcase	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status	Expiration Date
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T012-7052/0	PCT	201180013532.3	CN102791891A		Published	
China (People's Republic)		06-Dec-2011	21-Nov-2012			

Client Name: Tekni-Plex, Inc.

Agent Name: CCPIT Patent & Trademark Law

Title: METHOD AND APPARATUS FOR LEACHING METAL FROM MINING ORE

Attorney(s): TAH

Client Ref:

Agent Ref: IM122386

T012-7052/0	PCT	MX/a/2012/010396			Pending	
Mexico		06-Dec-2011				

Client Name: Tekni-Plex, Inc.

Agent Name: ulthoff gomez veiga & ulthoff, s.c.

Title: METHOD AND APPARATUS FOR LEACHING METAL FROM MINING ORE

Attorney(s): TAH

Client Ref:

Agent Ref: 233623/UO/vb

T012-7052/0	ORD	PCT/US11/063355	WO 2012/078532		Published	
Patent Cooperation Treaty		06-Dec-2011	14-Jun-2012			

Client Name: Tekni-Plex, Inc.

Agent Name:

Title: METHOD AND APPARATUS FOR LEACHING METAL FROM MINING ORE

Attorney(s): TAH

Client Ref:

Agent Ref:

Owner: T012 Tekni-Plex, Inc.

Case Number/Subcase County Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
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T012-7052/0 Peru	PCT	New Application 06-Dec-2011			Pending
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Attorney(s): TAH
Client Ref:

Agent Name: Tekni-Plex, Inc.
Agent Name: Clarke, Model & Co
Title: METHOD AND APPARATUS FOR LEACHING METAL FROM MINING ORE
Agent Ref: PCT1798/2012

T012-7052/0 Russian Federation	PCT	2012141647 06-Dec-2011			Pending
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Attorney(s): TAH
Client Ref:

Agent Name: Tekni-Plex, Inc.
Agent Name: Goroditsky & Partners
Title: METHOD AND APPARATUS FOR LEACHING METAL FROM MINING ORE
Agent Ref: 2420-188614RU/011

T012-7052/0 South Africa	PCT	2012/05946 06-Dec-2011			Pending
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Attorney(s): TAH
Client Ref:

Agent Name: Tekni-Plex, Inc.
Agent Name: DM KISCH INC
Title: METHOD AND APPARATUS FOR LEACHING METAL FROM MINING ORE
Agent Ref: P45821ZA00/PV/hs

Order: T012 Tekni-Plex, Inc.

Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
T012-7052/0 United States of America	PRI	12/960,750 06-Dec-2010	US-2012-0137831-A1 07-Jun-2012		Published

Client Name: Tekni-Plex, Inc.

Agent Name:

Attorney(s): TAH

Client Ref:

Agent Ref:

Title: METHOD AND APPARATUS FOR LEACHING METAL FROM MINING ORE

Owner: 1012 Tekni-Plex, Inc.

Case Number/Subcase	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status
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T012-7063/0	PRJ	13/308,070 30-Nov-2011			Pending
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Client Name: Tekni-Plex, Inc. *Attorney(s):* TAH CLB
Client Ref:

Agent Name: *Agent Ref:*
Title: ANTI-KINKING DEVICE FOR GARDEN OR WATER HOSE

T012-7063/1	CIP	13/309,164 01-Dec-2011			Pending
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Client Name: Tekni-Plex, Inc. *Attorney(s):* TAH CLB
Client Ref:

Agent Name: *Agent Ref:*
Title: ANTI-KINKING DEVICE FOR GARDEN OR WATER HOSE