

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ContinentalAFA Dispensing Company	10/16/2008
RECEIVING PARTY DATA	
Name:	MeadWestvaco Calmar, Inc.
Street Address:	11901 Grandview Road
City:	Grandview
State/Country:	MISSOURI
Postal Code:	64030
PROPERTY NUMBERS Total: 3	
Property Type	Number
Patent Number:	5467900
Patent Number:	5806724
Patent Number:	5845820
CORRESPONDENCE DATA	
Fax Number:	(816)986-6318
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	8169866346
Email:	Roxane.Jarvis@mwv.com
Correspondent Name:	Roxane Y Jarvis/MWV Calmar, Inc.
Address Line 1:	11901 Grandview Road
Address Line 4:	Grandview, MISSOURI 64030
ATTORNEY DOCKET NUMBER:	CAFA
NAME OF SUBMITTER:	Roxane Y Jarvis
Total Attachments: 122	
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source=ASG-ContinentalAFA Dispensing Co-101608#page2.tif	

CH \$120.00 5467900

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PATENT
REEL: 022078 FRAME: 0008

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ASSIGNMENT OF PATENTS AND PATENT APPLICATIONS

THIS AGREEMENT has an effective date of October 16, 2008.

WHEREAS, ContinentalAFA Dispensing Company, a Delaware corporation ("Assignor"), having a place of business at 27 Guenther Boulevard, St. Peters, Missouri 63376 ("Assignor"), is the owner of the entire right, title and interest in and to certain patents, patent applications, and other intellectual property listed on Exhibit A annexed hereto (the "Intellectual Property"); and

WHEREAS, MeadWestvaco Calmar, Inc. a Delaware corporation, having a place of business at 11901 Grandview Road, Grandview, Missouri 64030, USA ("Assignee"), is desirous of acquiring the entire right, title, and interest in and to the Intellectual Property and any patents that may issued thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor does hereby sell, assign and transfer unto said Assignee, its successors and assigns, the entire right, title and interest in and to the Intellectual Property throughout the world and the inventions and designs covered thereby, including the right to claim priority to and the right to any design applications, provisional applications, non-provisional applications, divisions or continuations thereof, and the right to any reissue, restoration, extension or reexamination of any patent thereof, the same to be held and enjoyed by Assignee for its own use and enjoyment, and for the use and enjoyment of its successors and assigns, to the end of any term for which the Intellectual Property have been or will be granted, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment had not been made; together with all claims by Assignor for damages by reason of past infringement of the Intellectual Property with the right to sue for, and collect the same for its own use and benefit, and for the use and benefit of its successors and assigns.

Assignor further authorizes and requests the appropriate authority or authorities whose duty it is to record patents, patent applications and title thereto, to record the Intellectual Property and title thereto as the property of Assignee, its successors and assigns in accordance with the terms of this Agreement.

Assignor further authorizes Assignee to file applications for patent, in foreign countries, in connection with the Intellectual Property hereby transferred, in its own name and to secure in its own name, the patent or patents issued on such applications; and hereby agrees that, upon request of said Assignee, Assignor will execute any and all documents necessary or desirable to properly vest full right, title and interest in and to the Intellectual Property throughout the world in the name of Assignee, its successors and assigns or which may be necessary to obtain, maintain, issue or enforce the Intellectual Property.

This Agreement may be executed in several counterparts, each of which shall be deemed an original, but all of which together will constitute one and the same instrument.

[Signature Page Follows]

IN WITNESS WHEREOF, each party has caused this instrument to be signed by a duly authorized representative as of the date first written above:

ASSIGNOR

ContinentalAFA Dispensing Company

By: Joseph S. Figlewicz
Name: Joseph S. Figlewicz
Title: Chief Restructuring Officer

State of Missouri

~~City~~
County of ST. LOUIS

On this 16th day of October, in the year 2008, before me KATHLEEN M. DALY WINSCHER, a notary public, personally appeared Joseph S. Figlewicz, proved on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument above, and acknowledged that they executed the same. Witness my hand and official seal.

KATHLEEN M. DALY WINSCHER
Notary Public — Notary Seal
STATE OF MISSOURI
Jefferson County
My Commission Expires: June 5, 2009
Commission # 05450259

SEAL

Kathleen M. Daly Winscher
Notary Public

ASSIGNEE

MeadWestvaco Calmar, Inc.

By: _____
John McKernan
President

State of _____

County of _____

On this _____ day of _____, in the year 2008, before me _____, a notary public, personally appeared _____, proved on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument above, and acknowledged that they executed the same. Witness my hand and official seal.

Notary Public

SEAL

IN WITNESS WHEREOF, each party has caused this instrument to be signed by a duly authorized representative as of the date first written above:

ASSIGNOR

ContinentalAFA Dispensing Company

By: _____
Name: Joseph S. Figlewicz
Title: Chief Restructuring Officer

State of Missouri

County of _____

On this _____ day of October, in the year 2008, before me _____, a notary public, personally appeared Joseph S. Figlewicz, proved on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument above, and acknowledged that they executed the same. Witness my hand and official seal.

Notary Public

SEAL

ASSIGNEE

MeadWestvaco Calmar, Inc.

By: John McKernan
John McKernan
President

State of North Carolina

County of Wake

On this 15 day of October, in the year 2008, before me Allison Mavery, a notary public, personally appeared John McKernan, proved on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument above, and acknowledged that they executed the same. Witness my hand and official seal.

Allison Mavery
Notary Public

Commission Expires: 06/13/2012

SEAL

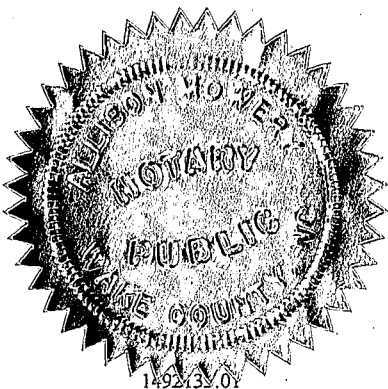


EXHIBIT A TO ASSIGNMENT OF PATENTS AND
PATENT APPLICATIONS
(ContinentalAFA Dispensing Company)

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M attter
66179-04330/08 United States of America	REX	90/008872 09-Oct-2007			Pending	66179-68240
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> RECIPROCATING FLUID PUMP WITH IMPROVED BOTTLE SEAL						
66179-06429/1 United States of America	ORD				Unfiled	66179-06429
<i>Owner Name:</i>						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> HN 3 LITER TRIGGERPACK						
66179-09998/01 United States of America	ORD				Unfiled	66179-09998
<i>Owner Name:</i>						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> GENERAL FILE/MISCELLANEOUS						

Thursday, June 05, 2008

Patent List

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IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
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66179-35978/01	ORD	10/329273	US-2004-0118873-A1		Published	66179-35978
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United States of America

Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

Title: TELESCOPING CLOSURE

66179-35980/02	DIV	11/333146	US-2006-0113325-A1		Published	66179-58721
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United States of America

Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

Title: DUAL CHAMBER LOTION PUMP

66179-41542/01	ORD	10/620043	US-2005-0011913-A1		Published	66179-41542
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United States of America

Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

Title: IN-LINE MANUALLY OPERATED LIQUID DISPENSER WITH SIMPLIFIED CONSTRUCTION

PATENT

REEL: 022078 FRAME: 0017

Patent List

Thursday, June 05, 2008

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
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66179-47243/06

Pending

11/575728

United States of America

21-Mar-2007

Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: TRIGGER SPRAYER WITH VENTING MEMBRANE

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

66179-49544/01

Published

10/961954

United States of America

11-Oct-2004

27-Apr-2006

Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: AIR FOAMING PUMP TRIGGER SPRAYER

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

66179-54363/01

Published

11/211395

United States of America

25-Aug-2005

01-Mar-2007

Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: LIQUID DISPENSING PUMP WITH SHIFTING LIQUID PISTON

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

PATENT

REEL: 022078 FRAME: 0018

Patent List

Thursday, June 05, 2008

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
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66179-54450/01 United States of America	ORD	11/127966 12-May-2005	US-2006-0255075-A1 16-Nov-2006		Published	66179-54450
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Owner Name: Continental AFA Dispensing Company
CAClient Name: Continental AFA Dispensing Company
Agent Name:
Title: TRIGGER SPRAYER WITH VENTING MEMBRANE IN PROTECTIVE HOUSING CAVITY
Attorney(s): JMR CLS
CAClient Ref:
Agent Ref:

66179-54935/01 United States of America	ORD	11/200962 10-Aug-2005	US-2007-0034595-A1 15-Feb-2007		Published	66179-54935
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Owner Name: Continental AFA Dispensing Company
CAClient Name: Continental AFA Dispensing Company
Agent Name:
Title: BOTTLE AND CAP CLOSURE APPARATUS WITH TORQUE FEATURE
Attorney(s): JMR CLS
CAClient Ref:
Agent Ref:

66179-59314/01 United States of America	ORD	11/348757 07-Feb-2006	US-2007-0181606-A1 09-Aug-2007		Published	66179-59314
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Owner Name: Continental AFA Dispensing Company
CAClient Name: Continental AFA Dispensing Company
Agent Name:
Title: TRIGGER SPRAYER WITH HAND PAD
Attorney(s): JMR CLS
CAClient Ref:
Agent Ref:

PATENT

REEL: 022078 FRAME: 0019

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
66179-59315/01 United States of America	ORD	11/376071 15-Mar-2006	US-2007-0215645-A1 20-Sep-2007		Published	66179-59315
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> TRIGGER SPRAYER WITH INTEGRAL PISTON ROD AND BOWED SPRING						
66179-59315/02 United States of America	CIP	11/549858 16-Oct-2006	US-2007-0215647-A1 20-Sep-2007		Published	66179-63526
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> TRIGGER SPRAYER PISTON ROD WITH INTEGRAL SPRING AND BALL AND SOCKET PISTON CONNECTION						
66179-59315/03 United States of America	CIP	11/550647 18-Oct-2006	US-2007-0215648-A1 20-Sep-2007		Published	66179-63854
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> TRIGGER SPRAYER PISTON ROD WITH INTEGRAL SPRING AND PIVOTING PISTON CONNECTION						

Thursday, June 05, 2008

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IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-Matter
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66179-59445/01 United States of America	ORD	11/369351 07-Mar-2006	US-2007-0210116-A1 13-Sep-2007		Published	66179-59445
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

Title: TRIGGER SPRAYER WITH INTEGRAL PISTON ROD AND U-SHAPED SPRING

66179-59445/02 United States of America	CIP	11/615219 22-Dec-2006	US-2007-0210106-A1 13-Sep-2007		Published	66179-64541
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

Title: TRIGGER SPRAYER WITH PISTON ROD AND SPRING TAMPER EVIDENT CONNECTION

66179-59445/03 United States of America	CIP	11/613706 20-Dec-2006	US-2007-0210117-A1 13-Sep-2007		Published	66179-64615
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

Title: TRIGGER SPRAYER WITH PISTON ROD AND SPRING SNAP CONNECTION

PATENT

REEL: 022078 FRAME: 0021

Thursday, June 05, 2008

Patent List

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IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-Matter
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66179-59445/04 United States of America	CIP	11/672339 07-Feb-2007	US-2007-0228187-A1 04-Oct-2007		Published CLS	66179-62239
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: TRIGGER SPRAYER WITH CHILD RESISTANT INDEXING NOZZLE

Attorney(s): JMR

CAClient Ref:

Agent Ref:

66179-59445/08

United States of America

CIP

11/851948

07-Sep-2007

US-2007-0295757-A1

27-Dec-2007

Published

66179-62240

Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: TRIGGER SPRAYER NOZZLE ASSEMBLY AND SPRAYER HOUSING ATTACHMENT LOCK

Attorney(s): JMR

CAClient Ref:

Agent Ref:

66179-59445/09

United States of America

CIP

11/851827

07-Sep-2007

US-2007-0295758-A1

27-Dec-2007

Published

66179-62244

Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: TRIGGER FORWARD PIVOT LIMIT FOR A TRIGGER SPRAYER

Attorney(s): JMR

CAClient Ref:

Agent Ref:

PATENT

REEL: 022078 FRAME: 0022

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
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66179-60111/01	ORD	11/374916	US-2007-0215646-A1		Published	66179-60111
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United States of America

Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: SNAP DOWN BAYONET CONNECTOR

Attorney(s): CLS JMR

CAClient Ref:

Agent Ref:

66179-60111/03	DIV	11/846210	US-2007-0290005-A1		Allowed	66179-62242
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United States of America

Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: TRIGGER SPRAYER VENTING APPARATUS

Attorney(s): CLS JMR

CAClient Ref:

Agent Ref:

66179-61073/01	ORD	11/548118	US-2008-0083783-A1		Published	66179-61073
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United States of America

Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: ROTATING DISPENSER HEAD WITH LOCKING AND VENTING CLOSURE CONNECTOR FOR
AN AIR FOAMING PUMP DISPENSER

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-Matter
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66179-61074/01

Published

66179-61074

United States of America

ORD 11/484252
11-Jul-2006US-2008-0011882-A1
17-Jan-2008

Attorney(s): JMR CLS

Owner Name: Continental AFA Dispensing Company

CAClient Ref:

CAClient Name: Continental AFA Dispensing Company

Agent Ref:

Agent Name:

Title: FAN SPRAY PATTERN INDEXING NOZZLE FOR A TRIGGER SPRAYER

66179-62245

Pending

66179-62245

66179-62245/01

United States of America

ORD 12/101593
11-Apr-2008US-2008-0110941-A1
15-May-2008

Attorney(s): JMR CLS

Owner Name: Continental AFA Dispensing Company

CAClient Ref:

CAClient Name: Continental AFA Dispensing Company

Agent Ref:

Agent Name:

Title: TRIGGER SPRAYER NOZZLE ASSEMBLY WITH PULL/PUSH FOAMING TUBE

66179-62246

Published

66179-62246

66179-62246/01

United States of America

ORD 11/559707
14-Nov-2006US-2008-0110941-A1
15-May-2008

Attorney(s): JMR CLS

Owner Name: Continental AFA Dispensing Company

CAClient Ref:

CAClient Name: Continental AFA Dispensing Company

Agent Ref:

Agent Name:

Title: ROTATIONAL DISPENSING CAP CLOSURE FOR A LIQUID CONTAINER

Thursday, June 05, 2008

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IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
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66179-63457/01

ORD

11/548145
10-Oct-2006

US-2008-0083784-A1
10-Apr-2008

Published

United States of America

Owner Name: Continental AFA Dispensing Company
CAClient Name: Continental AFA Dispensing Company

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

Title: ROTATING COLLAR AND LOCKING AND VENTING CLOSURE CONNECTOR FOR AN AIR
FOAMING PUMP DISPENSER

66179-63938/01

DES

29/250193
06-Nov-2006

Allowed

United States of America

Owner Name: Continental AFA Dispensing Company
CAClient Name: Continental AFA Dispensing Company

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

Title: TRIGGER FOR A TRIGGER SPRAYER [TRIGGER DESIGN]

66179-66033/01

ORD

11/684829
12-Mar-2007

Pending

United States of America

Owner Name: Continental AFA Dispensing Company
CAClient Name: Continental AFA Dispensing Company

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

Title: TRIGGER SPRAYER HAVING A TWO-PIECE SHROUD WITH TOP AND BOTTOM PIECES

PATENT

REEL: 022078 FRAME: 0025

Thursday, June 05, 2008

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IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-Matter
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66179-69078/01	REX	95/000273			Pending	66179-69078
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United States of America

Owner Name: AFA POLYTEK B.V.

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

Title: DISPENSING DEVICE AND METHOD FOR FILLING THEREOF

66179-72352/01	ORD	11/957935			Pending	66179-72352
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United States of America

Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

Title: BREAK-AWAY SPRING AND PISTON ROD FOR A TRIGGER SPRAYER

PATENT

REEL: 022078 FRAME: 0026

Monday, June 30, 2008

Patent List

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IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-Matter
66179-68241/01 United States of America	ORD	12/139815 16-Jun-2008			Pending	66179-68241
<i>Owner Name:</i> Continental AFA Dispensing Company <i>Attorney(s):</i> JMR CLS <i>CAClient Name:</i> Continental AFA Dispensing Company <i>CAClient Ref:</i> <i>Agent Name:</i> <i>Agent Ref:</i> <i>Title:</i> TRIGGER SPRAYER HAVING A REDUCED NUMBER OF PARTS AND A DOUBLE TUBULAR VALVE MEMBER						

66179-74866/01 United States of America	ORD	12/138885 13-Jun-2008			Pending	66179-74866
<i>Owner Name:</i> Continental AFA Dispensing Company <i>Attorney(s):</i> JMR CLS <i>CAClient Name:</i> Continental AFA Dispensing Company <i>CAClient Ref:</i> <i>Agent Name:</i> <i>Agent Ref:</i> <i>Title:</i> VENTING SYSTEM FOR BATTERY OPERATED SPRAYER						

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
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66179-01143/ Canada	ORD	2120853 08-Apr-1994		2120853 17-Jul-2001	Granted 08-Apr-2014	66179-01143
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name: Oster, Hoskin & Harcourt LLP

Attorney(s): JMR CLS

CAClient Ref: 10738

Agent Ref: 10738

Title: FOAMER TRIGGER DISPENSER WITH SEALING DEVICE

66179-01630/ Canada	ORD	2202764 04-Oct-1995	02-May-1996	2202764 16-Apr-2002	Granted 04-Oct-2015	66179-06245
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name: Oster, Hoskin & Harcourt LLP

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref: 12378

Title: TRIGGER SPRAYER OPERABLE IN ANY POSITION

66179-01663/04 Canada	ORD	2207200 05-Dec-1995	13-Jun-1996	2207200 31-Oct-2006	Granted 05-Dec-2015	66179-06299
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name: Oster, Hoskin & Harcourt LLP

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref: 12418

Title: DUAL COMPONENT TRIGGER SPRAYER WHICH MIXES COMPONENTS IN DISCHARGE
PASSAGE

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
66179-01663/09 Canada	ORD	2224107 07-May-1996	19-Dec-1996 Continental AFA Dispensing Company	2224107 29-Oct-2002	Granted 07-May-2016	66179-02930
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i> Osler, Hoskin & Harcourt LLP						
<i>Attorney(s):</i> JMR CLS						
<i>CAClient Ref:</i>						
<i>Agent Ref:</i> 12733						
<i>Title:</i> BOTTLE ADAPTER FOR DUAL PISTON TRIGGER SPRAYER						
66179-01663/17 Korea, Republic of	PCT	1020057023775 03-Nov-2005		0743769 23-Jul-2007	Granted 07-Apr-2024	66179-58526
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i> Kim and Cho						
<i>Attorney(s):</i> JMR CLS						
<i>CAClient Ref:</i>						
<i>Agent Ref:</i> P060047						
<i>Title:</i> DUAL COMPONENT AND DUAL VALVE TRIGGER SPRAYER WHICH MIXES COMPONENTS IN DISCHARGE PASSAGE						
66179-02034/04 Canada	ORD	2228491 26-Jul-1996	13-Feb-1997 Continental AFA Dispensing Company	2228491 12-Nov-2002	Granted 26-Jul-2016	66179-03400
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i> Osler, Hoskin & Harcourt LLP						
<i>Attorney(s):</i> JMR CLS						
<i>CAClient Ref:</i>						
<i>Agent Ref:</i> 12842						
<i>Title:</i> DISPENSER WITH SELECTABLE DISCHARGE NOZZLE						

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
66179-03740/ Canada	ORD	2244849 31-Jan-1997	07-Aug-1997	2244849 09-Apr-2002	Granted 31-Jan-2017	66179-06075
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i> Osler, Hoskin & Harcourt LLP						
<i>Title:</i> MANUALLY OPERATED FLUID DISPENSING PUMP						

66179-03740/ Japan	PCT	9-527901 31-Jan-1997	2000504618 18-Apr-2000	3996194 10-Aug-2007	Granted 31-Jan-2017	66179-06077
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i> Suzuki Int'l Patent Office						
<i>Title:</i> MANUALLY OPERATED FLUID DISPENSING PUMP						

66179-04330/ Canada	ORD	2252390 17-Apr-1997		2252390 15-Apr-2003	Granted 17-Apr-2017	66179-07194
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i> Osler, Hoskin & Harcourt LLP						
<i>Title:</i> RECIPROCATING FLUID PUMP WITH IMPROVED BOTTLE SEAL						

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
66179-04397/ Canada	ORD	2251105 07-May-1997	13-Nov-1997	2251105 02-Aug-2005	Granted 07-May-2017	66179-06599
<i>Owner Name:</i> Continental AFA Dispensing Company <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i> Osler, Hoskin & Harcourt LLP <i>Title:</i> RECIPROCATING LIQUID PUMP WITH DISC CHECK VALVE						
66179-04770/ Canada	ORD	2257138 03-Jun-1997	11-Dec-1997	2257138 30-Nov-2004	Granted 03-Jun-2017	66179-07728
<i>Owner Name:</i> Continental AFA Dispensing Company <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i> Osler, Hoskin & Harcourt LLP <i>Title:</i> DISPENSER WITH IMPROVED BOTTLE CONNECTION AND METHOD OF MAKING SAME						
66179-05086/ Canada	PCT	2188392 20-Apr-1995		2188392 28-Nov-2006	Granted 20-Apr-2015	66179-05086
<i>Owner Name:</i> Continental AFA Dispensing Company <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i> Osler, Hoskin & Harcourt LLP <i>Title:</i> TRIGGER SPRAYER FLUID SPINNING ASSEMBLY						

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
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66179-06124/ Canada	PCT	2110715 08-Dec-1992		2110715 05-Jan-1999	Granted 08-Dec-2012	66179-08963
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name: Osler, Hoskin & Harcourt LLP

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref: 10553

Title: NOZZLE ASSEMBLY FOR A TRIGGER SPRAYER

66179-06682/1 Canada	DIV	2286491 30-Dec-1992	16-Sep-1993	2286491 25-Mar-2003	Granted 30-Dec-2012	66179-01868
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name: Osler, Hoskin & Harcourt LLP

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref: 13951

Title: SEALING GASKET FOR A TRIGGER SPRAYER

66179-06682/2 Canada	DIV	2214595 30-Dec-1992		2214595 07-Aug-2001	Granted 09-Mar-2012	66179-01845
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name: Osler, Hoskin & Harcourt LLP

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref: 12647

Title: TRIGGER SPRAYER HAVING A TWO-PIECE HOUSING CONSTRUCTION

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-Matter
66179-06682/3 Canada	DIV	2214600 30-Dec-1992		2214600 18-Apr-2000	Granted 30-Dec-2012	66179-01844
Owner Name: Continental AFA Dispensing Company CAClient Name: Continental AFA Dispensing Company Agent Name: Osler, Hoskin & Harcourt LLP Title: PUMP TRIGGER ASSEMBLY FOR A TRIGGER SPRAYER						
66179-06682/4 Canada	ORD	2129677 30-Dec-1992		2129677 08-Feb-2000	Granted 30-Dec-2012	66179-01738
Owner Name: Continental AFA Dispensing Company CAClient Name: Continental AFA Dispensing Company Agent Name: Osler, Hoskin & Harcourt LLP Title: IMPROVED TRIGGER SPRAYER APPARATUS						
66179-06682/17 European Patent Convention	DIV	05021520.1 30-Sep-2005	1609531A 28-Dec-2005	1609531 B1 16-Apr-2008	Granted 30-Dec-2012	66179-57337
Owner Name: Continental AFA Dispensing Company CAClient Name: Continental AFA Dispensing Company Agent Name: Dummett Copp Title: PUMP TRIGGER ASSEMBLY FOR A TRIGGER SPRAYER						

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-Matter
66179-06682/3 European Patent Convention	PCT	93902815.5 30-Dec-1992	EP0634989 16-Sep-1993	EP0634989B1 05-Oct-2005	Granted 30-Dec-2012	66179-01739
Owner Name: Continental AFA Dispensing Company CAClient Name: Continental AFA Dispensing Company Agent Name: Dummett Copp Title: IMPROVED TRIGGER SPRAYER APPARATUS						

Attorney(s): JMR CLS
CAClient Ref:
Agent Ref: P1443.FR/PAG

66179-06682/18 France	EPP	93902815.5 11-Oct-2005	EP0634989 16-Sep-1993	EP0634989B1 05-Oct-2005	Granted 30-Dec-2012	66179-58405
Owner Name: Continental AFA Dispensing Company CAClient Name: Continental AFA Dispensing Company Agent Name: Dummett Copp Title: IMPROVED TRIGGER SPRAYER APPARATUS						

Attorney(s): JMR CLS
CAClient Ref:
Agent Ref: P1443.FR/PAG

66179-06682/27 France	EPP	05021520.1 29-Apr-2008	1609531A 28-Dec-2005	1609531 B1 16-Apr-2008	Granted 30-Dec-2012	66179-75845
Owner Name: Continental AFA Dispensing Company CAClient Name: Continental AFA Dispensing Company Agent Name: D.A. Casalonga-Iosse Title: PUMP TRIGGER ASSEMBLY FOR A TRIGGER SPRAYER						

Attorney(s): JMR CLS
CAClient Ref:
Agent Ref:

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IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M atter
66179-06682/19 Germany	EPP	93902815.5 30-Dec-1992	EP0634989 16-Sep-1993	EP0634989B1 05-Oct-2005	Granted 30-Dec-2012	66179-58406
Owner Name: Continental AFA Dispensing Company CAClient Name: Continental AFA Dispensing Company Agent Name: Dummett Copp Title: IMPROVED TRIGGER SPRAYER APPARATUS						

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

66179-06682/24 Germany	EPP	05021520.1 29-Apr-2008	1609531A 28-Dec-2005	1609531 B1 16-Apr-2008	Granted 30-Dec-2012	66179-75846
Owner Name: Continental AFA Dispensing Company CAClient Name: Continental AFA Dispensing Company Agent Name: Ter Meer Steinmeister & Partner GbR Title: PUMP TRIGGER ASSEMBLY FOR A TRIGGER SPRAYER						

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

66179-06682/21 Italy	EPP	93902815.5 11-Oct-2005	EP0634989 16-Sep-1993	EP0634989B1 05-Oct-2005	Granted 30-Dec-2012	66179-58408
Owner Name: Continental AFA Dispensing Company CAClient Name: Continental AFA Dispensing Company Agent Name: Dummett Copp Title: IMPROVED TRIGGER SPRAYER APPARATUS						

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

Thursday, June 05, 2008

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IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
66179-06682/26 Italy	EPP	05021520.1 29-Apr-2008	1609531A 28-Dec-2005	1609531 B1 16-Apr-2008	Granted 30-Dec-2012	66179-75844
<i>Owner Name:</i> Continental AFA Dispensing Company <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i> Jacobacci & Partners <i>Title:</i> PUMP TRIGGER ASSEMBLY FOR A TRIGGER SPRAYER						
<i>Attorney(s):</i> JMR CLS <i>CAClient Ref:</i> <i>Agent Ref:</i>						

66179-06682/20 United Kingdom	EPP	93902815.5 10-Nov-2005	EP0634989 16-Sep-1993	EP0634989B1 05-Oct-2005	Granted 30-Dec-2012	66179-58407
<i>Owner Name:</i> Continental AFA Dispensing Company <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i> Dummett Copp <i>Title:</i> IMPROVED TRIGGER SPRAYER APPARATUS						
<i>Attorney(s):</i> JMR CLS <i>CAClient Ref:</i> <i>Agent Ref:</i>						

66179-06682/25 United Kingdom	EPP	05021520.1 29-Apr-2008	1609531A 28-Dec-2005	1609531 B1 16-Apr-2008	Granted 30-Dec-2012	66179-75847
<i>Owner Name:</i> Continental AFA Dispensing Company <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i> Dummett Copp <i>Title:</i> PUMP TRIGGER ASSEMBLY FOR A TRIGGER SPRAYER						
<i>Attorney(s):</i> JMR CLS <i>CAClient Ref:</i> <i>Agent Ref:</i> P1443.GBE/PAG						

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
66179-07493/ United Kingdom	ORD	2030758 29-Apr-1993		2030758 06-Nov-1993	Granted 29-Apr-2018	66179-08339
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i> Mewburn Ellis LLP						
<i>Title:</i> TRIGGER SPRAYER DESIGN						

Attorney(s): JMH JMR CLS
CAClient Ref:
Agent Ref:

66179-08175/ Italy	ORD	92920232.3 10-Sep-1992		0651678 21-Jan-1998	Granted 10-Sep-2012	66179-08175
<i>Owner Name:</i>						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i> Blumbach Zimngrebe						
<i>Title:</i> FOAMER TRIGGER DISPENSER WITH SEALING DEVICE						

Attorney(s): JMR CLS
CAClient Ref:
Agent Ref: 05CNT0151DEN

66179-08261/ Canada	ORD	2189953 10-Jul-1995		2189953 15-Feb-2000	Granted 10-Jul-2015	66179-05551
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i> Osler, Hoskin & Harcourt LLP						
<i>Title:</i> TRIGGER SPRAYER OPERABLE IN UPRIGHT, DOWNTURNED AND INVERTED POSITIONS						

Attorney(s): JMR CLS
CAClient Ref:
Agent Ref: 12186

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66179-08389/

Canada

ORD 2094712
16-Oct-19912094712
22-Dec-1998Granted
16-Oct-2011

66179-08389

Owner Name: Continental AFA Dispensing Company*CAClient Name:* Continental AFA Dispensing Company*Agent Name:* Osler, Hoskin & Harcourt LLP*Title:* ONE-PIECE SPINNER ASSEMBLY*Attorney(s):* JMR CLS*CAClient Ref:**Agent Ref:* PCA 10289

66179-08968/

Canada

PCT 2110517
10-Sep-19922110517
24-Nov-1998

66179-08967

Owner Name: Continental AFA Dispensing Company*CAClient Name:* Continental AFA Dispensing Company*Agent Name:* Osler, Hoskin & Harcourt LLP*Title:* FOAMER TRIGGER DISPENSER WITH SEALING DEVICE*Attorney(s):* JMR CLS*CAClient Ref:* P1320EP*Agent Ref:* PCA 10552-1

66179-08984/04

Germany

DES M9406202.1
04-Aug-1994M9406202.1
04-Aug-1994

66179-01676

Owner Name: Contico International, Inc.*CAClient Name:* Continental AFA Dispensing Company*Agent Name:* V. Furer Ebbinghaus Finck Hano*Title:* TRIGGER SPRAYER (DESIGN)*Attorney(s):* JMH JMR CLS*CAClient Ref:**Agent Ref:* DEMD-54356.6

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
66179-08984/02 Italy	DES	MI94 O 000405 04-Aug-1994		68088 07-Jan-2000	Granted 04-Aug-2019	66179-01678
<i>Owner Name:</i> Contico International, Inc. <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i> GREGORJ <i>Title:</i> TRIGGER SPRAYER (DESIGN)						
66179-08984/03 United Kingdom	ORD	2040771 04-Aug-1994		2040771 04-Aug-1994	Granted 04-Aug-2019	66179-01677
<i>Owner Name:</i> Continental AFA Dispensing Company <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i> Mewburn Ellis LLP <i>Title:</i> TRIGGER SPRAYER (DESIGN)						
66179-32325/03 Australia	PCT	2002365393 25-May-2004	28-Apr-2005	2002365393 11-Aug-2005	Granted 20-Nov-2022	66179-47712
<i>Owner Name:</i> Continental AFA Dispensing Company <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i> Spruson & Ferguson <i>Title:</i> TELESOPING FOAMER NOZZLE						
<i>Attorney(s):</i> JMR CLS <i>CAClient Ref:</i> <i>Agent Ref:</i> 677041 RDC:EIG						

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IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
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66179-32325/05 China (Peoples Republic)	PCT	028233356.5 20-Nov-2002	CN1592658A 09-Mar-2005	ZL 028233356.5 21-Mar-2007	Granted 20-Nov-2022	66179-47714
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Owner Name: Continental AFA Dispensing Company
CAClient Name: Continental AFA Dispensing Company
Agent Name: Shanghai Patent & Trademark Law Office, LLC
Title: TELESCOPING FOAMER NOZZLE

Attorney(s): JMR CLS
CAClient Ref:
Agent Ref: USTPSC-0012

66179-32325/07 Japan	PCT	2003-547064 21-May-2004	2005510349 21-Apr-2005	4105095 04-Apr-2008	Granted 20-Nov-2022	66179-47718
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Owner Name: Continental AFA Dispensing Company
CAClient Name: Continental AFA Dispensing Company
Agent Name: Kawaguti & Partners
Title: TELESCOPING FOAMER NOZZLE

Attorney(s): JMR CLS
CAClient Ref:
Agent Ref: 49274/PCT

66179-41033/05 Korea, Republic of	PCT	1020057022995 01-Nov-2005		0744871 25-Jul-2007	Granted 07-Apr-2024	66179-58522
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Owner Name: Continental AFA Dispensing Company
CAClient Name: Continental AFA Dispensing Company
Agent Name: Kim and Cho
Title: CHILD RESISTANT INDEXING NOZZLE FOR A TRIGGER SPRAYER

Attorney(s): JMR CLS
CAClient Ref:
Agent Ref: P060046

PATENT

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IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
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66179-41848/05 China (Peoples Republic)	PCT	200480019246.8 01-Dec-2005	CN1816736A 09-Aug-2006	ZL200480019246.8 23-Jan-2008	Granted 29-Jan-2024	66179-59077
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name: New York Office of CCPIT Patent and Trademark Law

Title: AIR FOAM PUMP WITH SHIFTING AIR PISTON

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref: NP05385

66179-46067/02 Japan	ORD	331368-1994 12-Dec-1994	7-251105 03-Oct-1995	3691095 24-Jun-2005	Granted 12-Dec-2014	66179-48311
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Owner Name: Owens-Illinois Closure Inc.

CAClient Name: Continental AFA Dispensing Company

Agent Name: Kwarada International Patent Law Office

Title: TRIGGER SPRAYER (Owens-IL No. 16737 JAPN (5220))

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref: KP940148

66179-46190/05 Canada	ORD	2286406 14-Oct-1999	22-Apr-2000	2286406 01-Mar-2005	Granted 14-Oct-2019	66179-48276
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: PUMP DISPENSER AND METHOD OF MAKING IT (Owens-Illinois:OI 17319 (5200))

Attorney(s): JMR CLS

CAClient Ref: 17319 (5200)

Agent Ref:

PATENT

REEL: 022078 FRAME: 0041

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M atter
66179-46356/06 Canada	ORD	2314602 27-Jul-2000	09-Feb-2001	2314602 22-Mar-2005	Granted 27-Jul-2020	66179-48280
<i>Owner Name:</i> Owens-Illinois Closure Inc. <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i> Gowlings Lafleur Henderson LLP <i>Title:</i> PUMP DISPENSER HAVING A PLUNGER SEAL (Owens-Illinois OI 17359 CAND (5220))						
66179-46787/06 Canada	ORD	2179350 18-Jun-1996	23-Dec-1996	2179350 18-Dec-2007	Granted 18-Jun-2016	66179-48290
<i>Owner Name:</i> Continental AFA Dispensing Company <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i> Gowlings Lafleur Henderson LLP <i>Title:</i> FLEXIBLE TUBE WITH PUMP DISPENSER AND METHOD OF MAKING (Owens-Illinois 16705)						
66179-46791/08 Canada	ORD	2307046 26-Apr-2000	04-Nov-2000	2307046 27-Jun-2006	Granted 26-Apr-2020	66179-47867
<i>Owner Name:</i> Continental AFA Dispensing Company <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i> Gowlings Lafleur Henderson LLP <i>Title:</i> BAYONET-TYPE FINISH FOR A CONTAINER (Owens-Illinois 17253 CAND (5220))						

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-Matter
66179-46791/03 European Patent Convention	ORD	00109349.1 02-May-2000	1050478 08-Nov-2000	EP 1050478 17-Aug-2005	Granted 02-May-2020	66179-46791
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i> Blumbach Zinngrebe						
<i>Title:</i> BAYONET-TYPE FINISH FOR A CONTAINER (Owens-Illinois OI 17253)						
<i>Attorney(s):</i> JMR CLS						
<i>CAClient Ref:</i>						
<i>Agent Ref:</i> 00 OW 0176EPP M/hol						
66179-46791/04 France	EPC	00109349.1 02-May-2000	1050478 08-Nov-2000	EP 1050478 17-Aug-2005	Granted 02-May-2020	66179-46807
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i> Blumbach Zinngrebe						
<i>Title:</i> BAYONET-TYPE FINISH FOR A CONTAINER (Owens-Illinois)						
<i>Attorney(s):</i> JMR CLS						
<i>CAClient Ref:</i>						
<i>Agent Ref:</i> 00 OW 0176frp Z/hol						
66179-46791/05 Germany	EPC	00109349.1 02-May-2000	1050478 08-Nov-2000	EP 1050478 17-Aug-2005	Granted 02-May-2020	66179-46808
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i> Blumbach Zinngrebe						
<i>Title:</i> BAYONET-TYPE FINISH FOR A CONTAINER (Owens-Illinois)						
<i>Attorney(s):</i> JMR CLS						
<i>CAClient Ref:</i>						
<i>Agent Ref:</i> 00 OW 0176EPPM/K/hol						

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
66179-46791/06 Italy	EPC	00109349.1 02-May-2000	1050478 08-Nov-2000	EP 1050478 17-Aug-2005	Granted 02-May-2020	66179-46805
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i> Blumbach Zinggrobe						
<i>Title:</i> BAYONET-TYPE FINISH FOR A CONTAINER (Owens-Illinois)						

66179-46791/14 Mexico	ORD	4309 03-May-2000		223156 30-Sep-2004	Granted 03-May-2020	66179-48299
<i>Owner Name:</i> Owens-Illinois Closure Inc.						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i> Uhthoff Gomez Vega Uhthoff SC						
<i>Title:</i> BAYONET-TYPE FINISH FOR A CONTAINER (Owens-Illinois OI 17253)						

66179-46791/07 United Kingdom	EPC	00109349.1 02-May-2000	1050478 08-Nov-2000	EP 1050478 17-Aug-2005	Granted 02-May-2020	66179-46806
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i> Blumbach Zinggrobe						
<i>Title:</i> BAYONET-TYPE FINISH FOR A CONTAINER (Owens-Illinois)						

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REEL: 022078 FRAME: 0044

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
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66179-47295/02 Canada	ORD	2270707 04-May-1999	15-Nov-1999 Continental AFA Dispensing Company	2270707 13-Sep-2005	Granted 04-May-2019	66179-46790
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Owner Name: Continental AFA Dispensing Company*CAClient Name:* Continental AFA Dispensing Company*Agent Name:* Gowlings Lafleur Henderson LLP*Title:* PUMP DISPENSER AND METHOD FOR MAKING SAME (Owens-Illinois 17183 CAND 5200)
(Owens-Illinois)*Attorney(s):* JMR CLS*CAClient Ref:**Agent Ref:* 08883389 CA

66179-49290/02 Japan	ORD	8-297000 03-Oct-1996	9-215955 19-Aug-1997	2847070 30-Oct-1998	Granted 03-Oct-2016	66179-48327
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Owner Name: Owens-Illinois Closure Inc.*CAClient Name:* Continental AFA Dispensing Company*Agent Name:**Title:* TAMPER-DETERRENT NOZZLE FOR PUMP DISPENSERS (Owens-Illinois OI 16826)*Attorney(s):* JMR CLS*CAClient Ref:**Agent Ref:*

66179-49305/04 Canada	ORD	2078629 18-Sep-1992	2078629 08-Aug-2000	2078629 08-Aug-2000	Granted 18-Sep-2012	66179-48303
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Owner Name: Owens-Illinois Closure Inc.*CAClient Name:* Continental AFA Dispensing Company*Agent Name:* CPA*Title:* CONTAINER-CLOSURE ASSEMBLY INCLUDING A SCREW CAP HAVING ANTI-BACKOFF
ON ITS THREADS (Owens-Illinois OI 16678 (5220))*Attorney(s):* JMR CLS*CAClient Ref:* 16678 GERM 5220*Agent Ref:*

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
66179-49305/06 Japan	ORD	324722-1992 11-Nov-1992	5-262362 12-Oct-1993	3392890 24-Jan-2003	Granted 11-Nov-2012	66179-48307
Owner Name: Owens-Illinois Closure Inc. CAClient Name: Continental AFA Dispensing Company Agent Name: Kwarada International Patent Law Office Title: CONTAINER-CLOSURE ASSEMBLY INCLUDING A SCREW CAP HAVING ANTI-BACKOFF ON ITS THREADS (Owens-Illinois OI 16678 (5220))						

66179-49305/08 United Kingdom	ORD	9220436.1 28-Sep-1992		2261426 01-Mar-1995	Granted 28-Sep-2012	66179-48306
Owner Name: Continental AFA Dispensing Company CAClient Name: Continental AFA Dispensing Company Agent Name: Mewburn Ellis LLP Title: CONTAINER-CLOSURE ASSEMBLY INCLUDING A SCREW CAP HAVING ANTI-BACKOFF ON ITS THREADS (Owens-Illinois OI 16678 (5220))						

66179-51098/02 Germany	DES	40501579.8 15-Mar-2005		40501579.8 09-Jul-2005	Granted CLS SMR	66179-53305
Owner Name: CAClient Name: Continental AFA Dispensing Company Agent Name: Ter Meer Steinmeister & Partner GbR Title: PEAKED LOTION PUMP HEAD (Design) Attorney(s): JMR CLS SMR CAClient Ref: Agent Ref: Me/az						

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
66179-51098/03 United Kingdom	DES	3020614 14-Mar-2005		3020614 14-Sep-2005	Granted 14-Mar-2030	66179-53304
<i>Owner Name:</i> <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i> Dummett Copp <i>Title:</i> PEAKED LOTION PUMP HEAD (Design)						
<i>Attorney(s):</i> JMR CLS SMR <i>CAClient Ref:</i> <i>Agent Ref:</i> D/334.GB/PAG						
66179-60747/18 Canada	ORD	2241236 22-Jun-1998	25-Dec-1998	2241236 01-Jun-2004	Granted 22-Jun-2018	66179-48284
<i>Owner Name:</i> Owens-Illinois Closure Inc. <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i> Gowlings Lafleur Henderson LLP <i>Title:</i> DISPENSING PUMP HAVING UNIVERSAL PUMP BODY AND READILY ATTACHABLE SHROUD (Owens-Illinois OI 17139)						
<i>Attorney(s):</i> JMR CLS <i>CAClient Ref:</i> <i>Agent Ref:</i> 08880075 CA						
66179-60747/04 European Patent Convention	PCT	98111491.1 23-Jun-1998	EP 0887113 30-Dec-1998	0887113 06-Aug-2003	Granted 25-Jun-2017	66179-46491
<i>Owner Name:</i> Owens-Illinois Closure Inc. <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i> Bureau D.A. Casalonga-Josse <i>Title:</i> PUMP ASSEMBLY FOR TRIGGER DISPENSER COMPRISING SLIDE-ON SHROUD (Owens-Illinois OI 17139)						
<i>Attorney(s):</i> JMR CLS <i>CAClient Ref:</i> <i>Agent Ref:</i> E 98047 OI/ac						

PATENT

REEL: 022078 FRAME: 0047

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
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66179-60747/09

European Patent Convention

DIV

03005041.3

23-Jun-1998

1325783

09-Jul-2003

1325783 B1

05-Jan-2005

Granted

25-Jun-2017

66179-46218

Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name: Bureau D.A. Casalonga-Josse

Title: PUMP ASSEMBLY FOR TRIGGER DISPENSER COMPRISING SLIDE-ON SHROUD - Owens-Illinois (Dispensing pump having universal pump body and readily attachable shroud selected from readily attachable shrouds of different outward shapes)

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref: E 98047 OI/DIV/mb

66179-60747/24

Germany

EPC

03005041.3

23-Jun-1998

1325783

09-Jul-2003

1325783 B1

05-Jan-2005

Granted

23-Jun-2018

66179-56819

Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name: Blumbach Zimngrebe

Title: PUMP ASSEMBLY FOR TRIGGER DISPENSER COMPRISING SLIDE-ON SHROUD - Owens-Illinois (Dispensing pump having universal pump body and readily attachable shroud selected from readily attachable shrouds of different outward shapes)

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref: 04OW 0324DEU M/hol

66179-60747/15

Italy

PCT

98111491.1

23-Jun-1998

EP 0887113

30-Dec-1998

0887113

06-Aug-2003

Granted

25-Jun-2017

66179-49011

Owner Name: Owens-Illinois Closure Inc.

CAClient Name: Continental AFA Dispensing Company

Agent Name: CPA

Title: PUMP ASSEMBLY FOR TRIGGER DISPENSER COMPRISING SLIDE-ON SHROUD (Owens-Illinois OI 17139)

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
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66179-60747/21 Italy	EPC	03005041.3 23-Jun-1998	1325783 09-Jul-2003	1325783 B1 05-Jan-2005	Granted 23-Jun-2018	66179-53085
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name: OFFICE GREGORJ

Title: PUMP ASSEMBLY FOR TRIGGER DISPENSER COMPRISING SLIDE-ON SHROUD - Owens-Illinois (Dispensing pump having universal pump body and readily attachable shroud selected from readily attachable shrouds of different outward shapes)

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref: 4/122615

66179-60747/16 Japan	PCT	10-177551 24-Jun-1998	11-76884 23-Feb-1999	2918541 23-Apr-1999	Granted 24-Jun-2018	66179-48286
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Owner Name: Owens-Illinois Closure Inc.

CAClient Name: Continental AFA Dispensing Company

Agent Name: CPA

Title: DISPENSING PUMP HAVING UNIVERSAL PUMP AND BODY READILY ATTACHABLE SHROUD SELECTED FROM READILY ATTACHABLE SHROUDS OF DIFFERENT OUTWARD SHROUDS (Owens-Illinois OI 17139)

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

66179-60747/12 United Kingdom	PCT	98111491.1 23-Jun-1998	EP 0887113 30-Dec-1998	0887113 06-Aug-2003	Granted 25-Jun-2017	66179-49010
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Owner Name: Owens-Illinois Closure Inc.

CAClient Name: Continental AFA Dispensing Company

Agent Name: CPA

Title: PUMP ASSEMBLY FOR TRIGGER DISPENSER COMPRISING SLIDE-ON SHROUD (Owens-Illinois OI 17139)

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
66179-60747/22 United Kingdom	EPC	03005041.3 23-Jun-1998	1325783 09-Jul-2003	1325783 B1 05-Jan-2005	Granted 23-Jun-2018	66179-53084
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i> Mewburn Ellis LLP						
<i>Title:</i> PUMP ASSEMBLY FOR TRIGGER DISPENSER COMPRISING SLIDE-ON SHROUD - Owens-Illinois (Dispensing pump having universal pump body and readily attachable shroud selected from readily attachable shrouds of different outward shapes)						
66179-63938/02 United Kingdom	DES	4002620 04-May-2007		4002620 14-Jun-2007	Granted 04-May-2032	66179-66907
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i> Mewburn Ellis LLP						
<i>Title:</i> TRIGGER SPRAYER TRIGGER DESIGN						

FOREIGN

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IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
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66179-01663/14 Canada	PCT	2527032 23-Nov-2005			Pending	66179-58523
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i> Osler, Hoskin & Harcourt LLP						
<i>Title:</i> DUAL COMPONENT AND DUAL VALVE TRIGGER SPRAYER WHICH MIXES COMPONENTS IN DISCHARGE PASSAGE						

Attorney(s): JMR CLS
CAClient Ref:
Agent Ref: PCA17808

66179-58524

66179-01663/15 China (Peoples Republic)	PCT	200480016611.X 02-Nov-2005	CN 1805799A 19-Jul-2006		Published	66179-58524
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i> New York Office of CCPT Patent and Trademark Law						
<i>Title:</i> DUAL COMPONENT AND DUAL VALVE TRIGGER SPRAYER WHICH MIXES COMPONENTS IN DISCHARGE PASSAGE						

Attorney(s): JMR CLS
CAClient Ref:
Agent Ref: NP05372

66179-58525

66179-01663/16 European Patent Convention	PCT	04749835.7 17-Nov-2005	1633490 15-Mar-2006		Published	66179-58525
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i> Mewburn Ellis LLP						
<i>Title:</i> DUAL COMPONENT AND DUAL VALVE TRIGGER SPRAYER WHICH MIXES COMPONENTS IN DISCHARGE PASSAGE						

Attorney(s): JMR CLS
CAClient Ref:
Agent Ref: NJH/FP6339519

PATENT

REEL: 022078 FRAME: 0051

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
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66179-01663/18 Hong Kong	ORD	06114146.8 22-Dec-2006	1094173A 23-Mar-2007		Published	66179-64146
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name: New York Office of CCPIT Patent and Trademark Law

Title: DUAL COMPONENT AND DUAL VALVE TRIGGER SPRAYER WHICH MIXES COMPONENTS
IN DISCHARGE PASSAGE

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref: NP06452

66179-05688/ Japan	PCT	10-534700 20-Jan-1998	2001514569 11-Sep-2001		Allowed	66179-09953
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name: Suzuki Int'l Patent Office

Title: DUAL FLUID DISPENSER

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref: SFP-5417PCT

66179-06682/16 European Patent Convention	DIV	05021519.3 30-Sep-2005	1609530A 28-Dec-2005		Published	66179-57336
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name: Dummett Copp

Title: TRIGGER SPRAY HAVING A TWO-PIECE HOUSING CONSTRUCTION

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref: P/1443.EPD/PAG

Patent List

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
66179-06682/22 Hong Kong	ORD	06107293.3 25-May-2006	1087056A 06-Oct-2006		Published	66179-61915
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i> CCPT Patent and Trademark Law						
<i>Attorney(s):</i> JMR CLS						
<i>CAClient Ref:</i>						
<i>Agent Ref:</i> NP06419						
<i>Title:</i> TRIGGER SPRAYER HAVING A TWO-PIECE HOUSING CONSTRUCTION						

66179-06682/23 Hong Kong	ORD	06107292.4 25-May-2006	1087055A 06-Oct-2006		Published	66179-61992
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i> CCPT Patent and Trademark Law						
<i>Attorney(s):</i> JMR CLS						
<i>CAClient Ref:</i>						
<i>Agent Ref:</i> NP06420						
<i>Title:</i> PUMP TRIGGER ASSEMBLY FOR A TRIGGER SPRAYER						

66179-32325/04 Canada	PCT	2467687 20-Nov-2002			Allowed	66179-47713
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i> Osler, Hoskin & Harcourt LLP						
<i>Attorney(s):</i> JMR CLS						
<i>CAClient Ref:</i>						
<i>Agent Ref:</i> PCA16786						
<i>Title:</i> TELESCOPING FOAMER NOZZLE						

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
66179-32325/06 European Patent Convention	PCT	02804008.7 20-Nov-2002	1446230 18-Aug-2004		Published	66179-47715
<i>Owner Name:</i> Continental AFA Dispensing Company <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i> Dummett Copp <i>Title:</i> TELESCOPING FOAMER NOZZLE						
66179-32325/08 Hong Kong	ORD	05101062.6 08-Feb-2005	1068570A 29-Apr-2005		Published	66179-49647
<i>Owner Name:</i> Continental AFA Dispensing Company <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i> CCPT Patent and Trademark Law <i>Title:</i> TELESCOPING FOAMER NOZZLE						
66179-35793/03 Canada	PCT	2515157 04-Aug-2005			Pending	66179-56659
<i>Owner Name:</i> Continental AFA Dispensing Company <i>CAClient Name:</i> Osler, Hoskin & Harcourt LLP <i>Agent Name:</i> TRIGGER SPRAYER SPRAY, OFF, STREAM, OFF INDEXING NOZZLE ASSEMBLY <i>Title:</i> TRIGGER SPRAYER SPRAY, OFF, STREAM, OFF INDEXING NOZZLE ASSEMBLY						

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
66179-35793/06 China (Peoples Republic)	PCT	200480006030.8 05-Sep-2005	CN1756603A 05-Apr-2006		Published	66179-56658
<i>Owner Name:</i> Continental AFA Dispensing Company <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i> New York Office of CCPT Patent and Trademark Law <i>Title:</i> TRIGGER SPRAYER SPRAY, OFF, STREAM, OFF INDEXING NOZZLE ASSEMBLY						
<i>Attorney(s):</i> JMR CLS <i>CAClient Ref:</i> <i>Agent Ref:</i> NP05356						
66179-35793/05 European Patent Convention	PCT	04706529.7 29-Jan-2004	1606212A 21-Dec-2005		Published	66179-56657
<i>Owner Name:</i> Continental AFA Dispensing Company <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i> Dummett Copp <i>Title:</i> TRIGGER SPRAYER SPRAY, OFF, STREAM, OFF INDEXING NOZZLE ASSEMBLY						
<i>Attorney(s):</i> JMR CLS <i>CAClient Ref:</i> <i>Agent Ref:</i> P4775.EP						
66179-35793/07 Hong Kong	RCN	06109451.7 25-Aug-2006	1089123A 24-Nov-2006		Published	66179-62186
<i>Owner Name:</i> Continental AFA Dispensing Company <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i> New York Office of CCPT Patent and Trademark Law <i>Title:</i> TRIGGER SPRAYER SPRAY, OFF, STREAM, OFF INDEXING NOZZLE ASSEMBLY						
<i>Attorney(s):</i> JMR CLS <i>CAClient Ref:</i> <i>Agent Ref:</i> NP06428						

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-Matter
66179-35793/04 Japan	PCT	2006-503185 03-Aug-2005	2007-524495 30-Aug-2007		Published	66179-56656
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i> Kawaguti & Partners						
<i>Title:</i> TRIGGER SPRAYER SPRAY, OFF, STREAM, OFF INDEXING NOZZLE ASSEMBLY						
66179-35902/04 Canada	PCT	2501446 06-Apr-2005			Pending	66179-53862
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i> Osler, Hoskin & Harcourt LLP						
<i>Title:</i> FOAMING LIQUID DISPENSER						
66179-35902/05 China (Peoples Republic)	PCT	03824638.4 25-Apr-2005	1695047A 09-Nov-2005		Published	66179-53863
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i> New York Office of CCPIT Patent and Trademark Law						
<i>Title:</i> FOAMING LIQUID DISPENSER						

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
66179-35902/10 China (Peoples Republic)	PCT	200480011414.9 29-Sep-2005	CN 1780784A 31-May-2006		Published	66179-56785
Owner Name: Continental AFA Dispensing Company CAClient Name: Continental AFA Dispensing Company Agent Name: CCPIT Patent and Trademark Law Title: FOAMING LIQUID DISPENSER						
Attorney(s): JMR CLS CAClient Ref: Agent Ref: NP05367						

66179-35902/07 European Patent Convention	PCT	03752070.7 30-Mar-2005	EP1565710A 24-Aug-2005		Published	66179-53864
Owner Name: Continental AFA Dispensing Company CAClient Name: Continental AFA Dispensing Company Agent Name: Dummett Copp Title: FOAMING LIQUID DISPENSER						
Attorney(s): JMR CLS CAClient Ref: Agent Ref: P/4688.EP/REN						

66179-35902/11 European Patent Convention	PCT	04751026.8 29-Sep-2005	1618062 25-Jan-2006		Published	66179-56786
Owner Name: Continental AFA Dispensing Company CAClient Name: Continental AFA Dispensing Company Agent Name: Mewburn Ellis LLP Title: FOAMING LIQUID DISPENSER						
Attorney(s): JMR CLS CAClient Ref: Agent Ref: NJH/FP6333389						

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
66179-35902/08 Hong Kong	ORD	05109949.8 08-Nov-2005	1077873A 24-Feb-2006		Published	66179-57947
<i>Owner Name:</i> Continental AFA Dispensing Company <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i> CCPIT Patent and Trademark Law <i>Title:</i> FOAMING LIQUID DISPENSER						
66179-35902/12 Hong Kong	ORD	06110795.0 20-Sep-2006	1090016A 15-Dec-2006		Published	66179-63752
<i>Owner Name:</i> Continental AFA Dispensing Company <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i> New York Office of CCPIT Patent and Trademark Law <i>Title:</i> FOAMING LIQUID DISPENSER						
66179-35902/12 Japan	PCT	2006-501301 28-Oct-2005	2006-524766 02-Nov-2006		Published	66179-56787
<i>Owner Name:</i> <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i> Kawaguti & Partners <i>Title:</i> FOAMING LIQUID DISPENSER						
<i>Attorney(s):</i> JMR CLS <i>CAClient Ref:</i> <i>Agent Ref:</i> 51167/PCT						

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IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
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66179-35981/03 Canada	PCT	2501431 06-Apr-2005			Pending	66179-53858
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Owner Name:
CAClient Name: Continental AFA Dispensing Company
Agent Name: Osler, Hoskin & Harcourt LLP
Title: LOW COST TRIGGER SPRAYER WITH DOUBLE VALVE ELEMENT

Attorney(s): JMR CLS
CAClient Ref:
Agent Ref: PCA 17345

66179-35981/05 European Patent Convention	PCT	03752071.5 30-Mar-2005	EP1558517A 03-Aug-2005		Published	66179-53860
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Owner Name:
CAClient Name: Continental AFA Dispensing Company
Agent Name: Dummett Copp
Title: LOW COST TRIGGER SPRAYER WITH DOUBLE VALVE ELEMENT

Attorney(s): JMR CLS
CAClient Ref:
Agent Ref: P/4689.EP/PAG

66179-35981/07 Hong Kong	ORD	05109951.3 08-Nov-2005	1077801A 24-Feb-2006		Published	66179-56784
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Owner Name: Continental AFA Dispensing Company
CAClient Name: Continental AFA Dispensing Company
Agent Name: CCPIT Patent and Trademark Law
Title: LOW COST TRIGGER SPRAYER WITH DOUBLE VALVE ELEMENT

Attorney(s): JMR CLS
CAClient Ref:
Agent Ref: NP05373

PATENT

REEL: 022078 FRAME: 0059

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IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
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66179-41033/04 Canada	PCT	2527008 23-Nov-2005			Pending	66179-58519
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Owner Name: Continental AFA Dispensing Company
CAClient Name: Continental AFA Dispensing Company
Agent Name: Osler, Hoskin & Harcourt LLP
Attorney(s): JMR CLS
CAClient Ref:
Agent Ref: PCA17809
Title: CHILD RESISTANT INDEXING NOZZLE FOR A TRIGGER SPRAYER

66179-41033/03 China (Peoples Republic)	PCT	200480016174.1 02-Nov-2005	CN 1805770A 19-Jul-2006		Published	66179-58520
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Owner Name:
CAClient Name: Continental AFA Dispensing Company
Agent Name: New York Office of CCPIT Patent and Trademark Law
Attorney(s): JMR CLS
CAClient Ref:
Agent Ref: NP05371
Title: CHILD RESISTANT INDEXING NOZZLE FOR A TRIGGER SPRAYER

66179-41033/06 European Patent Convention	PCT	04749828.2 17-Nov-2005	1631483 08-Mar-2006		Published	66179-58521
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Owner Name: Continental AFA Dispensing Company
CAClient Name: Continental AFA Dispensing Company
Agent Name: Mewburn Ellis LLP
Attorney(s): JMR CLS
CAClient Ref:
Agent Ref: NJH/FP639501
Title: CHILD RESISTANT INDEXING NOZZLE FOR A TRIGGER SPRAYER

PATENT

REEL: 022078 FRAME: 0060

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IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
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66179-41542/03 European Patent Convention	PCT	04756872.0 28-Nov-2005	1644282 12-Apr-2006		Published	66179-58824
Owner Name: CAClient Name: Continental AFA Dispensing Company Agent Name: Mewburn Ellis LLP Attorney(s): JMR CLS CAClient Ref: Agent Ref: NJH/FP6344857 Title: IN-LINE MANUALLY OPERATED LIQUID DISPENSER WITH SIMPLIFIED CONSTRUCTION						

66179-41848/03 Canada	PCT	2531588 01-Dec-2005			Pending	66179-59076
Owner Name: Continental AFA Dispensing Company CAClient Name: Continental AFA Dispensing Company Agent Name: Osler, Hoskin & Harcourt LLP Attorney(s): JMR CLS CAClient Ref: Agent Ref: Title: AIR FOAM PUMP WITH SHIFTING AIR PISTON						

66179-41848/06 European Patent Convention	PCT	04706530.5 01-Dec-2005	1658476 24-May-2006		Published	66179-59078
Owner Name: Continental AFA Dispensing Company CAClient Name: Continental AFA Dispensing Company Agent Name: Mewburn Ellis LLP Attorney(s): JMR CLS CAClient Ref: Agent Ref: NJH/FP6345656 Title: AIR FOAM PUMP WITH SHIFTING AIR PISTON						

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66179-41848/07 Hong Kong	ORD	06114143.1 22-Dec-2006	1094248A 23-Mar-2007		Published	66179-64248
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Owner Name: Continental AFA Dispensing Company

CA Client Name: Continental AFA Dispensing Company

Agent Name: New York Office of CCPTT Patent and Trademark Law

Title: AIR FOAM PUMP WITH SHIFTING AIR PISTON

Attorney(s): JMR CLS

CA Client Ref:

Agent Ref: NP06453

66179-41848/04 Japan	PCT	2006-521044 01-Dec-2005	2006-528301 14-Dec-2006		Published	66179-59079
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Owner Name: Continental AFA Dispensing Company

CA Client Name: Continental AFA Dispensing Company

Agent Name: Kawaguti & Partners

Title: AIR FOAM PUMP WITH SHIFTING AIR PISTON

Attorney(s): JMR CLS

CA Client Ref:

Agent Ref: 51398/PCT

66179-46791/11 Japan	ORD	2000-135171 08-May-2000	2000313455 14-Nov-2000		Published	66179-48298
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Owner Name: Owens-Illinois Closure Inc.

CA Client Name: Continental AFA Dispensing Company

Agent Name: Nakamura & Partners

Title: BAYONET-TYPE FINISH FOR A CONTAINER (Owens-Illinois OI 17253 (5220))

Attorney(s): JMR CLS

CA Client Ref:

Agent Ref: XIH-0732/SS

PATENT

REEL: 022078 FRAME: 0062

Thursday, June 05, 2008

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IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M atter
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66179-47243/03 China (Peoples Republic)	PCT	200580007625.X 11-Sep-2006			Pending	66179-62540
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name: New York Office of CCPIT Patent and Trademark Law

Title: TRIGGER SPRAYER WITH VENTING MEMBRANE

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref: NP06427

66179-47243/05 Japan	PCT	2007-503115 24-Jul-2006	2007-527831 04-Oct-2007		Published	66179-62542
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name: Kawaguti & Partners

Title: TRIGGER SPRAYER WITH VENTING MEMBRANE

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref: 52295/PCT

66179-49544/04 Canada	PCT	2580489 05-Feb-2007			Pending	66179-65794
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name: Osler, Hoskin & Harcourt LLP

Title: AIR FOAMING PUMP TRIGGER SPRAYER

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref: PCA18817

PATENT

REEL: 022078 FRAME: 0063

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
66179-49544/03 European Patent Convention	PCT	05788604.6 05-Feb-2007	1841685 19-Oct-2007		Published	66179-65795
<i>Owner Name:</i> Continental AFA Dispensing Company <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i> Mewburn Ellis LLP <i>Title:</i> AIR FOAMING PUMP TRIGGER SPRAYER						
<i>Attorney(s):</i> JMR CLS <i>CAClient Ref:</i> <i>Agent Ref:</i> NJH/FP6434757						
66179-49544/05 Hong Kong	ORD	08104032.4 24-Mar-2008			Pending	66179-75309
<i>Owner Name:</i> Continental AFA Dispensing Company <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i> CCPTT Patent and Trademark Law <i>Title:</i> AIR FOAMING PUMP TRIGGER SPRAYER						
<i>Attorney(s):</i> JMR CLS <i>CAClient Ref:</i> <i>Agent Ref:</i> NP08619						
66179-50581/05 Canada	PCT	2579580 05-Feb-2007			Pending	66179-65792
<i>Owner Name:</i> Continental AFA Dispensing Company <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i> Osler, Hoskin & Harcourt LLP <i>Title:</i> TRIGGER SPRAYER VENTING SYSTEM						
<i>Attorney(s):</i> JMR CLS <i>CAClient Ref:</i> <i>Agent Ref:</i> PCA18816						

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
66179-50581/04 European Patent Convention	PCT	05788829.9 05-Feb-2007	1797002 20-Jun-2007		Published	66179-65793
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i> Mewburn Ellis LLP						
<i>Title:</i> TRIGGER SPRAYER VENTING SYSTEM						
<i>Attorney(s):</i> JMR CLS						
<i>CAClient Ref:</i>						
<i>Agent Ref:</i> NJH/FP6434765						

66179-54363/03 European Patent Convention	PCT	06800302.9 27-Feb-2008			Pending	66179-72954
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i> Mewburn Ellis LLP						
<i>Title:</i> LIQUID DISPENSING PUMP WITH SHIFTING LIQUID PISTON						
<i>Attorney(s):</i> JMR CLS						
<i>CAClient Ref:</i>						
<i>Agent Ref:</i>						

66179-54363/02 Patent Cooperation Treaty	ORD	PCT/US2006/028772 25-Jul-2006	WO 2007/024387 01-Mar-2007		Published	66179-62714
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> LIQUID DISPENSING PUMP WITH SHIFTING LIQUID PISTON						
<i>Attorney(s):</i> JMR CLS						
<i>CAClient Ref:</i>						
<i>Agent Ref:</i>						

PATENT

REEL: 022078 FRAME: 0065

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Thursday, June 05, 2008

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66179-59314/02 Patent Cooperation Treaty	ORD	PCT/US2007/061444 01-Feb-2007	WO 2007/092730 16-Aug-2007		Published	66179-66035
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: TRIGGER SPRAYER WITH HAND PAD

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

66179-59315/04 Patent Cooperation Treaty	ORD	PCT/US2007/063869 13-Mar-2007	WO 2007/106808 20-Sep-2007		Published	66179-66650
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: TRIGGER SPRAYER WITH INTEGRAL PISTON ROD AND BOWED SPRING

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

66179-59315/05 Patent Cooperation Treaty	ORD	PCT/US2007/080695 08-Oct-2007	WO 2008/048806 24-Apr-2008		Published	66179-66652
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: TRIGGER SPRAYER PISTON ROD WITH INTEGRAL SPRING AND PIVOTING PISTON CONNECTION

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

PATENT

REEL: 022078 FRAME: 0066

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
66179-59315/06 Patent Cooperation Treaty	ORD	PCT/US2007/080689 08-Oct-2007	WO 2008/048804 24-Apr-2008		Published	66179-66651
<i>Owner Name:</i> Continental AFA Dispensing Company <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i> <i>Attorney(s):</i> JMR CLS <i>CAClient Ref:</i> <i>Agent Ref:</i> <i>Title:</i> TRIGGER SPRAYER PISTON ROD WITH INTEGRAL SPRING [AND BALL AND SOCKET PISTON CONNECTION]						
66179-59445/05 Patent Cooperation Treaty	ORD	PCT/US2007/063386 06-Mar-2007	WO 2007/103921 13-Sep-2007		Published	66179-67250
<i>Owner Name:</i> Continental AFA Dispensing Company <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i> <i>Attorney(s):</i> JMR CLS <i>CAClient Ref:</i> <i>Agent Ref:</i> <i>Title:</i> TRIGGER SPRAYER WITH INTEGRAL PISTON ROD AND U-SHAPED SPRING						
66179-59445/06 Patent Cooperation Treaty	ORD	PCT/US2007/063383 06-Mar-2007	WO 2007/103919 13-Sep-2007		Published	66179-67240
<i>Owner Name:</i> Continental AFA Dispensing Company <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i> <i>Attorney(s):</i> JMR CLS <i>CAClient Ref:</i> <i>Agent Ref:</i> <i>Title:</i> TRIGGER SPRAYER WITH PISTON ROD AND SPRING TAMPER EVIDENT CONNECTION						

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
66179-59445/07 Patent Cooperation Treaty	ORD	PCT/US2007/063389 06-Mar-2007	WO 2007/103922 13-Sep-2007		Published	66179-67241
<i>Owner Name:</i> Continental AFA Dispensing Company <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i>						
<i>Attorney(s):</i> JMR CLS <i>CAClient Ref:</i> <i>Agent Ref:</i>						
<i>Title:</i> TRIGGER SPRAYER WITH CHILD RESISTANT INDEXING NOZZLE						
66179-60111/02 Patent Cooperation Treaty	ORD	PCT/US2007/063875 13-Mar-2007	WO 2007/106809 20-Sep-2007		Published	66179-67239
<i>Owner Name:</i> Continental AFA Dispensing Company <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i>						
<i>Attorney(s):</i> CLS JMR <i>CAClient Ref:</i> <i>Agent Ref:</i>						
<i>Title:</i> SNAP DOWN BAYONET CONNECTOR						
66179-60747/05 European Patent Convention	DIV	00102221.9 10-Feb-2000	EP 1027937 16-Aug-2000		Published	66179-46254
<i>Owner Name:</i> Owens-Illinois Closure Inc. <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i> Bureau D.A. Casalonga-Josse						
<i>Attorney(s):</i> JMR CLS <i>CAClient Ref:</i> <i>Agent Ref:</i> E 00011 OI/mb						
<i>Title:</i> DISPENSING PUMP HAVING UNIVERSAL PUMP BODY AND READILY ATTACHABLE SHROUD SELECTED FROM READILY ATTACHABLE SHROUDS OF DIFFERENT OUTWARD SHAPES (Owens-Illinois OI 17139-02 EPC (5200))						

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
66179-60747/07 Germany	EPC	00102221.9 10-Feb-2000	EP 1027937 16-Aug-2000		Published	66179-47503
<i>Owner Name:</i> Owens-Illinois Closure Inc. <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i> Bureau D.A. Casalonga-Josse <i>Attorney(s):</i> JMR CLS <i>CAClient Ref:</i> <i>Agent Ref:</i> E 00011 OI / mb <i>Title:</i> DISPENSER PUMP HAVING UNIVERSAL PUMP BODY AND READILY ATTACHABLE SHROUD SELECTED FROM READILY ATTACHABLE SHROUDS OF DIFFERENT OUTWARD SHAPES (Owens-Illinois 17139-02 EPC (5200))						

66179-60747/10 Italy	EPC	00102221.9 10-Feb-2000	EP 1027937 16-Aug-2000		Published	66179-47507
<i>Owner Name:</i> Owens-Illinois Closure Inc. <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i> Bureau D.A. Casalonga-Josse <i>Attorney(s):</i> JMR CLS <i>CAClient Ref:</i> <i>Agent Ref:</i> <i>Title:</i> DISPENSER PUMP HAVING UNIVERSAL PUMP BODY AND READILY ATTACHABLE SHROUD SELECTED FROM READILY ATTACHABLE SHROUDS OF DIFFERENT OUTWARD SHAPES (Owens-Illinois 17139-02 EPC (5200))						

66179-60747/11 United Kingdom	EPC	00102221.9 10-Feb-2000	EP 1027937 16-Aug-2000		Published	66179-47510
<i>Owner Name:</i> Owens-Illinois Closure Inc. <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i> Bureau D.A. Casalonga-Josse <i>Attorney(s):</i> JMR CLS <i>CAClient Ref:</i> <i>Agent Ref:</i> <i>Title:</i> DISPENSER PUMP HAVING UNIVERSAL PUMP BODY AND READILY ATTACHABLE SHROUD SELECTED FROM READILY ATTACHABLE SHROUDS OF DIFFERENT OUTWARD SHAPES (Owens-Illinois 17139-02 EPC (5200))						

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66179-61073/02 Patent Cooperation Treaty	ORD	PCT/US2007/080692 08-Oct-2007	WO 2008/045822 17-Apr-2008		Published	66179-70549
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

Title: ROTATING DISPENSER HEAD WITH LOCKING AND VENTING CLOSURE CONNECTOR FOR AN AIR FOAMING PUMP DISPENSER

66179-61074/02 Patent Cooperation Treaty	ORD	PCT/US2007/071109 13-Jun-2007	WO 2008/008588 17-Jan-2008		Published	66179-68929
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

Title: FAN SPRAY PATTERN INDEXING NOZZLE FOR A TRIGGER SPRAYER

66179-63457/02 Patent Cooperation Treaty	ORD	PCT/US2007/080688 08-Oct-2007	WO 2008/045820 17-Apr-2008		Published	66179-70499
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

Title: ROTATING COLLAR AND LOCKING AND VENTING CLOSURE CONNECTOR FOR AN AIR FOAMING PUMP DISPENSER

PATENT

REEL: 022078 FRAME: 0070

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
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66179-63938/03 Italy	DES	TO2007O0000048 04-May-2007			Pending	66179-66908
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name: Jacobacci & Partners

Title: TRIGGER SPRAYER TRIGGER DESIGN

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref: 10126583/BIT/pad

U.S.

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
66179-01630/ United States of America	CIP	08/327181 21-Oct-1994		5467901 21-Nov-1995	Granted 13-May-2014	66179-01630
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> TRIGGER SPRAYER OPERABLE IN UPRIGHT, DOWNTURNED & INVERTED POSITIONS						
<i>Agent Ref:</i>						
<i>CAClient Ref:</i>						
<i>Attorney(s):</i> JMR CLS						
[TRIGGER SPRAYER OPERABLE IN ANY POSITION]						
66179-01663/01 United States of America	ORD	08/349741 05-Dec-1994		6550694 B1 22-Apr-2003	Granted 22-Apr-2020	66179-01663
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> DUAL COMPONENT TRIGGER SPRAYER WHICH MIXES COMPONENTS IN DISCHARGE						
<i>Agent Ref:</i>						
<i>CAClient Ref:</i>						
<i>Attorney(s):</i> JMR CLS						
66179-01663/02 United States of America	CIP	08/476637 07-Jun-1995		5609299 11-Mar-1997	Granted 11-Mar-2014	66179-02610
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> BOTTLE ADAPTER FOR DUAL PISTON TRIGGER SPRAYER						
<i>Agent Ref:</i>						
<i>CAClient Ref:</i>						
<i>Attorney(s):</i> JMR CLS						

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IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
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66179-01663/11 United States of America	CON	10/419570 21-Apr-2003	0201339-A1 30-Oct-2003	6729560 B2 04-May-2004	Granted 05-Dec-2014	66179-40542
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: DUAL COMPONENT TRIGGER SPRAYER WHICH MIXES COMPONENTS IN DISCHARGE
PASSAGE

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

66179-01663/12 United States of America	CIP	10/461612 13-Jun-2003	0201342-A1 30-Oct-2003	6869027 B2 22-Mar-2005	Granted 17-May-2023	66179-41024
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: DUAL COMPONENT AND DUAL VALVE TRIGGER SPRAYER WHICH MIXES COMPONENTS
IN DISCHARGE PASSAGE

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

66179-02034/01 United States of America	ORD	08/509734 01-Aug-1995		5755384 26-May-1998	Granted 26-May-2015	66179-02034
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: DISPENSER WITH SELECTABLE DISCHARGE NOZZLE

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M attor
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66179-02836/ United States of America	ORD	09/006121 12-Jan-1998		6006949 28-Dec-1999	Granted 12-Jan-2018	66179-02836
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

Title: MANUALLY OPERATED RECIPROCATING LIQUID PUMP-SEALING VENT OPEN

66179-02837/1 United States of America	CIP	08/560467 17-Nov-1995		5695095 09-Dec-1997	Granted 12-Sep-2015	66179-03679
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

Title: WIDE ERGONOMIC TRIGGER FOR A TRIGGER SPRAYER (CIP)

66179-02837/2 United States of America	DES	043775 12-Sep-1995		D 376318 10-Dec-1996	Granted 10-Dec-2010	66179-02837
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

Title: WIDE ERGONOMIC TRIGGER FOR A TRIGGER...

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
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66179-02907/ United States of America	ORD	08/569878 08-Dec-1995		5704550 06-Jan-1998	Granted 06-Jan-2015	66179-02907
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: LIQUID DISPENSER WITH FLOW CONTROL

Attorney(s): AHN JMR CLS

CAClient Ref: TOT CL: 25

Agent Ref:

66179-03240/1 United States of America	ORD	08/744223 12-Nov-1996		5711461 27-Jan-1998	Granted 12-Nov-2016	66179-05542
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: LIQUID DISPENSER

Attorney(s): JMR CLS

CAClient Ref: T/I C: 32,

Agent Ref:

66179-03740/ United States of America	ORD	08/595077 01-Feb-1996		5715973 10-Feb-1998	Granted 01-Feb-2016	66179-03740
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: MANUALLY OPERATED FLUID PUMP FOR DISPENSING LOTION AND THE LIKE

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
66179-04311/3 United States of America	ORD	08/612667 08-Mar-1996		5725128 10-Mar-1998	Granted 08-Mar-2016	66179-04311
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> MANUALLY OPERATED RECIPROCATING LIQUID PUMP THAT LOCKS AND SEALS IN UP AND DOWN POSITIONS						
66179-04330/1 United States of America	ORD	09/132062 17-Aug-1998		5906301 25-May-1999	Granted 17-Aug-2018	66179-06181
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> RADIALLY EXPANDING TUBE VALVE IN A LIQUID DISPENSER						
66179-04330/2 United States of America	ORD	08/633894 17-Apr-1996		5794822 18-Aug-1998	Granted 17-Apr-2016	66179-04330
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> RECIPROCATING FLUID PUMP WITH IMPROVED BOTTLE SEAL						

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66179-04397/1

United States of America

CON 09/135492
17-Aug-1998

5927561
27-Jul-1999

Granted
27-Jul-2019

Owner Name: Continental AFA Dispensing Company
CAClient Name: Continental AFA Dispensing Company

Attorney(s): JMR CLS
CAClient Ref: T/I CL:18,

Agent Ref:

Title: RECIPROCATING LIQUID PUMP WITH DISC CHECK VALVE FOR DISPENSING LOTION AND THE LIKE

66179-04397/2

United States of America

ORD 08/646441
07-May-1996

5794821
18-Aug-1998

Granted
07-May-2016

Owner Name: Continental AFA Dispensing Company
CAClient Name: Continental AFA Dispensing Company

Attorney(s): JMR CLS
CAClient Ref: T/I CL:18,

Agent Ref:

Title: RECIPROCATING LIQUID PUMP WITH DISC CHECK VALVE FOR DISPENSING LOTION AND THE LIKE

66179-04459/

United States of America

DES 29/057669
25-Jul-1996

D 385492
28-Oct-1997

Granted
28-Oct-2011

Owner Name: Continental AFA Dispensing Company
CAClient Name: Continental AFA Dispensing Company

Attorney(s): JMR CLS
CAClient Ref:

Agent Ref:

Title: TRIGGER SPRAYER HOUSING

PATENT

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66179-04770/2

United States of America

ORD 08/868460

03-Jun-1997

Owner Name: Continental AFA Dispensing Company
CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: DISPENSER WITH IMPROVED BOTTLE CONNECTION AND METHOD OF MAKING SAME
[DISPENSER WITH IMPROVED BOTTLE]

5928594

27-Jul-1999

Attorney(s): JMR CLS
CAClient Ref: T/I C: 28,
Agent Ref:

66179-06532

Granted

03-Jun-2017

66179-04770/3

United States of America

CON 09/265274

09-Mar-1999

Owner Name:
CAClient Name: Continental AFA Dispensing Company
Agent Name:

6032814

07-Mar-2000

Attorney(s): JMR CLS
CAClient Ref: T/I C: 28,
Agent Ref:

66179-08764

Granted

11-Dec-2017

Title: CONTAINER ASSEMBLY WITH IMPROVED CONTAINER CONNECTION

66179-04770/4

United States of America

ORD 08/659020

04-Jun-1996

Owner Name: Continental AFA Dispensing Company
CAClient Name: Continental AFA Dispensing Company
Agent Name:

5806724

15-Sep-1998

Attorney(s): JMR CLS
CAClient Ref: T/I C: 28,
Agent Ref:

66179-04770

Granted

04-Jun-2017

Title: DISPENSER IMPROVED BOTTLE CONNECTION AND METHOD OF MAKING SAME

PATENT

REEL: 022078 FRAME: 0078

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
66179-04771/ United States of America	ORD	08/685446 19-Jul-1996		5722569 03-Mar-1998	Granted 19-Jul-2016	66179-04771
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> TRIGGER SPRAYER WITH DISCHARGE PORT						
<i>Attorney(s):</i> JMR CLS						
<i>CAClient Ref:</i>						
<i>Agent Ref:</i>						

66179-05128/1 United States of America	ORD	08/985368 05-Dec-1997		5938082 17-Aug-1999	Granted 05-Dec-2017	66179-02331
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> CONTAINER ASSEMBLY HAVING SNAP-FIT CONTAINER CONNECTION						
<i>Attorney(s):</i> JMR CLS						
<i>CAClient Ref:</i>						
<i>Agent Ref:</i>						

66179-05128/2 United States of America	ORD	08/719724 25-Sep-1996		5725132 10-Mar-1998	Granted 25-Sep-2016	66179-05128
<i>Owner Name:</i>						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> DISPENSER WITH SNAP-FIT CONTAINER CONNECTION.						
<i>Attorney(s):</i> JMR CLS						
<i>CAClient Ref:</i>						
<i>Agent Ref:</i>						

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-Matter
66179-05130/ United States of America	ORD	08/847450 24-Apr-1997		5823395 20-Oct-1998	Granted 24-Apr-2017	66179-05130
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> CHILD-RESISTANT PUMP DISPENSER						
66179-05265/ United States of America	ORD	08/726773 07-Oct-1996		5775547 07-Jul-1998	Granted 07-Oct-2016	66179-05265
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> LOTION DISPENSING PUMP WITH SEALING PLUG FOR SEALING PUMP CHAMBER						
66179-05395/ United States of America	ORD	08/727794 07-Oct-1996		5715974 10-Feb-1998	Granted 07-Oct-2016	66179-05395
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> TRIGGER SPRAYER HAVING CENTRAL VENT CYLINDER						

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IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
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66179-05688/ United States of America	ORD	08/786261 22-Jan-1997		5887761 30-Mar-1999	Granted 22-Jan-2017	66179-05688
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: DUAL FLUID DISPENSER

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

66179-05694/ United States of America	ORD	08/998793 29-Dec-1997		6003738 21-Dec-1999	Granted 29-Dec-2017	66179-05694
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: CHILD RESISTANT ROTATING LOCK FOR MANUALLY OPERATED PUMP DISPENSER

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

66179-05879/10 United States of America	CON	08/456511 01-Jun-1995		5615835 01-Apr-1997	Granted 01-Apr-2014	66179-02958
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: TRIGGER SPRAYER HAVING DISC VALVE

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

PATENT

REEL: 022078 FRAME: 0081

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IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
66179-05879/11 United States of America	ORD	08/459036 02-Jun-1995		5533752 10-Sep-1996	Granted 10-Sep-2013	66179-02754
<i>Owner Name:</i> <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i> <i>Title:</i> SPRING FOR TRIGGER SPRAYER (CONT 66179-08988 5-13-94)						
<i>Attorney(s):</i> JMR CLS <i>CAClient Ref:</i> <i>Agent Ref:</i>						

66179-05879/12 United States of America	REI	08/513099 09-Aug-1995		RE35744 17-Mar-1998	Granted 25-Oct-2010	66179-03166
<i>Owner Name:</i> Continental AFA Dispensing Company <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i> <i>Title:</i> SPINNER ASSEMBLY FOR A SPRAYER						
<i>Attorney(s):</i> JMR CLS <i>CAClient Ref:</i> <i>Agent Ref:</i>						

66179-05879/15 United States of America	ORD	07/603281 25-Oct-1990		5234166 10-Aug-1993	Granted 25-Oct-2010	66179-05879
<i>Owner Name:</i> Continental AFA Dispensing Company <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i> <i>Title:</i> SPINNER ASSEMBLY FOR A SPRAYER						
<i>Attorney(s):</i> JMR CLS <i>CAClient Ref:</i> <i>Agent Ref:</i>						

PATENT

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IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
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66179-05879/2 United States of America	CTP	08/242326 13-May-1994		5425482 20-Jun-1995	Granted 20-Jun-2012	66179-07492
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: TRIGGER SPRAYER

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

66179-05879/3 United States of America	DIV	08/371959 12-Jan-1995		5551636 03-Sep-1996	Granted 03-Sep-2013	66179-01721
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Owner Name:

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: LOW COST TRIGGER SPRAYER HAVING ELASTOMERIC PUMP WITH INTERNAL GUIDE MEANS [LOW COST TRIGGER SPRAYER HAVING... 927492 10-21-92 ... ELASTOMERIC PUMP WITH INTERNAL GUIDE MEANS]

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

66179-05879/4 United States of America	ORD	08/371815 12-Jan-1995		5566885 22-Oct-1996	Granted 12-Jan-2015	66179-01719
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Owner Name:

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: LOW COST TRIGGER SPRAYER HAVING... 927492 10-21-92 ... PLUG WITH INTEGRAL VALVE ELEMENT

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

PATENT

REEL: 022078 FRAME: 0083

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
66179-05879/5 United States of America	DIV	08/372061 12-Jan-1995		5509608 23-Apr-1996	Granted 23-Apr-2013	66179-01723
Owner Name: Continental AFA Dispensing Company CAClient Name: Continental AFA Dispensing Company Agent Name: Title: LOW COST TRIGGER SPRAYER HAVING SPINNER WITH INTEGRAL ELASTOMERIC CHECK AND PRIMARY VALVES [LOW COST TRIGGER SPRAYER HAVING... 927492 10-21-92 ... SPINNER WITH INTEGRAL ELASTOMERIC]						
66179-05879/7 United States of America	DIV	08/371819 12-Jan-1995		5507437 16-Apr-1996	Granted 16-Apr-2013	66179-01720
Owner Name: Continental AFA Dispensing Company CAClient Name: Continental AFA Dispensing Company Agent Name: Title: LOW COST TRIGGER SPRAYER HAVING HOUSING WITH INTEGRAL SADDLE [LOW COST TRIGGER SPRAYER HAVING... 927492 10-21-92 ... HOUSING WITH INTEGRAL]						
66179-05879/8 United States of America	DIV	08/371830 12-Jan-1995		5513800 07-May-1996	Granted 07-May-2013	66179-01722
Owner Name: Continental AFA Dispensing Company CAClient Name: Continental AFA Dispensing Company Agent Name: Title: LOW COST TRIGGER SPRAYER HAVING PUMP WITH INTERNAL SPRING MEANS [LOW COST TRIGGER SPRAYER HAVING... 927492 10-21-92 ... PUMP WITH INTERNAL SPRING MRANS]						

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IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
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66179-06103/ United States of America	DES	29/071450 29-May-1997		D394008 05-May-1998	Granted 05-May-2012	66179-06103
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: TRIGGER SPRAYER HOUSING

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

66179-06104/ United States of America	DES	072493 17-Jun-1997		D394009 05-May-1998	Granted 05-May-2012	66179-06104
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: TRIGGER SPRAYER HOUSING (DES.)

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

66179-06105/ United States of America	DES	29/069506 22-Apr-1997		D 394007 05-May-1998	Granted 05-May-2012	66179-06105
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: TRIGGER SPRAYER HOUSING HAVING

Attorney(s): JMH JMR CLS

CAClient Ref: T/C:1,1

Agent Ref:

PATENT

REEL: 022078 FRAME: 0085

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IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
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66179-06106/ United States of America	ORD	08/908547 07-Aug-1997		5938081 17-Aug-1999	Granted 07-Aug-2017	66179-06106
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: CONTAINER AND CAP CLOSURE

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

66179-06124/1 United States of America	CON	08/346394 29-Nov-1994		5499766 19-Mar-1996	Granted 19-Mar-2013	66179-02058
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Owner Name:

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: NOZZLE ASSEMBLY FOR TRIGGER SPRAYER

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

66179-06124/2 United States of America	ORD	07/808168 13-Dec-1991		5368234 29-Nov-1994	Granted 13-Dec-2011	66179-06124
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Owner Name:

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: NOZZLE ASSEMBLY FOR TRIGGER SPRAYER

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

PATENT

REEL: 022078 FRAME: 0086

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
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66179-06637/ United States of America	ORD	08/918069 25-Aug-1997		5845820 08-Dec-1998	Granted 25-Aug-2017	66179-06637
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

Title: BAYONET-TYPE CONTAINER & CAP CLOSURE

66179-06682/ United States of America	DIV	08/078138 15-Jun-1993		5337928 16-Aug-1994	Granted 16-Aug-2011	66179-08490
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

Title: SEALING GASKET FOR A TRIGGER SPRAYER

66179-06682/01 United States of America	ORD	08/077025 15-Jun-1993		5294025 15-Mar-1994	Granted 15-Jun-2013	66179-08488
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

Title: PUMP ASSEMBLY FOR A TRIGGER SPRAYER

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IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
66179-06682/2 United States of America	ORD	07/848706 09-Mar-1992		5344053 06-Sep-1994	Granted 06-Sep-2011	66179-06682
<i>Owner Name:</i> Continental AFA Dispensing Company <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i>						
<i>Attorney(s):</i> JMR CLS <i>CAClient Ref:</i> <i>Agent Ref:</i>						
<i>Title:</i> TRIGGER SPRAYER HAVING A TWO-PIECE HOUSING CONSTRUCTION						

66179-07491/2 United States of America	DIV	08/358692 19-Dec-1994		5485942 23-Jan-1996	Granted 14-Apr-2014	66179-01934
<i>Owner Name:</i> Continental AFA Dispensing Company <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i>						
<i>Attorney(s):</i> JMH JMR CLS <i>CAClient Ref:</i> <i>Agent Ref:</i>						
<i>Title:</i> LIQUID DISPENSER ASSEMBLY WITH CONTAINER HAVING A SLOPED HANDLE						

66179-07491/3 United States of America	CON	08/447727 23-May-1995		5553750 10-Sep-1996	Granted 20-Dec-2011	66179-02878
<i>Owner Name:</i> Continental AFA Dispensing Company <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i>						
<i>Attorney(s):</i> JMH JMR CLS <i>CAClient Ref:</i> <i>Agent Ref:</i>						
<i>Title:</i> LIQUID DISPENSER HAVING ADAPTOR FOR REMOTE OPERATION						

PATENT

REEL: 022078 FRAME: 0088

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IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
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66179-07493/ United States of America	DES	001277 06-Nov-1992		D 354226 10-Jan-1995	Granted 10-Jan-2009	66179-07493
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: TRIGGER SPRAYER (DESIGN)

Attorney(s): JMH JMR CLS

CAClient Ref:

Agent Ref:

66179-07662/ United States of America	DES	29/013793 01-Oct-1993		D355361 14-Feb-1995	Granted 14-Feb-2009	66179-07662
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: SPRAYER

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

66179-07666/ United States of America	DES	29/013790 01-Oct-1993		D353321 13-Dec-1994	Granted 13-Dec-2008	66179-07666
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: BOTTLE AND SPRAYER

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

PATENT

REEL: 022078 FRAME: 0089

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
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66179-07669/ United States of America	DES	07/840779 24-Feb-1992		D347788 14-Jun-1994	Granted 14-Jun-2008	66179-07669
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<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> COMBINED BOTTLE AND TRIGGER... SPRAYER						

66179-07673/01 United States of America	ORD	08/637200 24-Apr-1996		5687880 18-Nov-1997	Granted 24-Apr-2016	66179-07673
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<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> CHILD LOCK NOZZLE CAP ASSEMBLY						

66179-07675/01 United States of America	ORD	07/762761 20-Sep-1991		5143237 01-Sep-1992	Granted 20-Sep-2011	66179-07675
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<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> RATCHET CAP-MOUNTING DISPENSING DEVICE ON A CONTAINER						

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
66179-07693/01 United States of America	ORD	07/840766 24-Feb-1992		5228602 20-Jul-1993	Granted 24-Feb-2012	66179-07693
<i>Owner Name:</i> Continental AFA Dispensing Company <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i> <i>Title:</i> PLASTIC SPRING FOR TRIGGER SPRAYER						
<i>Attorney(s):</i> JMR CLS <i>CAClient Ref:</i> <i>Agent Ref:</i>						
66179-07693/02 United States of America	CIP	08/091994 14-Jul-1993		5341965 30-Aug-1994	Granted 24-Feb-2012	66179-07682
<i>Owner Name:</i> Continental AFA Dispensing Company <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i> <i>Title:</i> PLASTIC SPRING ASSEMBLY FOR TRIGGER SPRAYER						
<i>Attorney(s):</i> JMR CLS <i>CAClient Ref:</i> <i>Agent Ref:</i>						
66179-07694/1 United States of America	ORD	07/840759 24-Feb-1992		5297701 29-Mar-1994	Granted 24-Feb-2012	66179-07699
<i>Owner Name:</i> Continental AFA Dispensing Company <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i> <i>Title:</i> ALL PLASTIC TRIGGER SPRAYER						
<i>Attorney(s):</i> JMR CLS <i>CAClient Ref:</i> <i>Agent Ref:</i>						

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IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-Matter
66179-07694/2 United States of America	ORD	07/840761 24-Feb-1992		5332128 26-Jul-1994	Granted 24-Feb-2012	66179-07677
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> FLAP VALVE ASSEMBLY FOR TRIGGER SPRAYER						
66179-07694/3 United States of America	ORD	07/840765 24-Feb-1992		5228600 20-Jul-1993	Granted 24-Feb-2012	66179-07694
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> CHILD RESISTANT NOZZLE FOR TRIGGER SPRAYER						
66179-07695/ United States of America	ORD	07/437550 16-Nov-1989		5234167 10-Aug-1993	Granted 10-Aug-2010	66179-07695
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> ONE-PIECE FOAMER NOZZLE						

PATENT

REEL: 022078 FRAME: 0092

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IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
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66179-07696/01 United States of America	ORD	07/840784 24-Feb-1992		5238152 24-Aug-1993	Granted 24-Feb-2012	66179-07696
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: QUICK-LOCKING CHILD RESISTANT BOTTLE CAP ASSEMBLY

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

66179-07700/01 United States of America	ORD	08/330698 28-Oct-1994		5477989 26-Dec-1995	Granted 28-Oct-2014	66179-07700
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: CHILD RESISTANT NOZZLE COVER

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

66179-07701/ United States of America	ORD	08/309928 21-Sep-1994		5526985 18-Jun-1996	Granted 21-Sep-2014	66179-07701
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: 90 DEGREE ROTATIONAL NOZZLE ASSEMBLY WITH SWIRL CHAMBER

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

PATENT

REEL: 022078 FRAME: 0093

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
66179-08258/ United States of America	ORD	08/214950 16-Mar-1994		5467900 21-Nov-1995	Granted 16-Mar-2014	66179-08258
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> PRECOMPRESSION VALVE FOR TRIGGER SPRAYER						

66179-08258/02 United States of America	CIP	08/560165 20-Nov-1995		5730335 24-Mar-1998	Granted 16-Mar-2014	66179-07681
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> PRECOMPRESSION VALVE FOR TRIGGER SPRAYER						

66179-08261/1 United States of America	CIP	08/273951 12-Jul-1994		5462209 31-Oct-1995	Granted 31-Oct-2012	66179-01377
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> TRIGGER SPRAYER OPERABLE IN UPRIGHT, DOWNTURNED AND INVERTED POSITIONS						

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66179-08261/2	ORD	08/242281		5540360	Granted	66179-08261
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United States of America

Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: INVERTIBLE TRIGGER SPRAYER ASSEMBLY

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

66179-08318/	DES	008204		D 351794	Granted	66179-08318
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United States of America

Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: LOTION PUMP HEAD

Attorney(s): JMH JMR CLS

CAClient Ref:

Agent Ref:

66179-08831/01	ORD	10/119451	0192964-A1	6772966 B2	Granted	66179-08831
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United States of America

Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: ADJUSTABLE HOSE END SPRAYER NOZZLE

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
66179-08832/01 United States of America	ORD	10/170032 12-Jun-2002	0230641-A1 18-Dec-2003	6659369 B1 09-Dec-2003	Granted 12-Jun-2022	66179-08832
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> HIGH VISCOSITY LIQUID SPRAYER NOZZLE ASSEMBLY						
<i>Attorney(s):</i> JMR CLS						
<i>CAClient Ref:</i>						
<i>Agent Ref:</i>						

66179-08968/01 United States of America	ORD	07/772700 07-Oct-1991		5158233 27-Oct-1992	Granted 07-Oct-2011	66179-05657
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> FOAMER TRIGGER DISPENSER WITH SEALING DEVICE						
<i>Attorney(s):</i> JMR CLS						
<i>CAClient Ref:</i> P1320EP						
<i>Agent Ref:</i>						

66179-08984/01 United States of America	DES	29/018407 04-Feb-1994		D 351646 18-Oct-1994	Granted 18-Oct-2008	66179-08984
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> TRIGGER SPRAYER (DESIGN)						
<i>Attorney(s):</i> JMH JMR CLS						
<i>CAClient Ref:</i>						
<i>Agent Ref:</i>						

PATENT

REEL: 022078 FRAME: 0096

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IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
66179-08985/ United States of America	ORD	357441 16-Dec-1994		5562250 08-Oct-1996	Granted 08-Oct-2013	66179-08985
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> MULTIPLE COMPONENT MIXING TRIGGER SPRAYER						
<i>Attorney(s):</i> AHN JMR CLS						
<i>CAClient Ref:</i>						
<i>Agent Ref:</i>						

66179-08986/2 United States of America	CIP	08/230494 20-Apr-1994		5549249 27-Aug-1996	Granted 27-Aug-2013	66179-08986
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> FLUID SPINNER AND NOZZLE HEAD ASSEMBLY WITH CONTROLLED FLUID FLOOD PATH [FLUID SPINNER AND NOZZLE HEAD]						
<i>Attorney(s):</i> JMR CLS						
<i>CAClient Ref:</i>						
<i>Agent Ref:</i>						

66179-09049/ United States of America	ORD	08/228024 15-Apr-1994		5401148 28-Mar-1995	Granted 28-Mar-2012	66179-09049
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> MANUALLY OPERATED RECIPROCATING LIQUID PUMP						
<i>Attorney(s):</i> JMR CLS						
<i>CAClient Ref:</i> CHGSNT4-15						
<i>Agent Ref:</i>						

PATENT

REEL: 022078 FRAME: 0097

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66179-09217/

United States of America

DES 29/104056

27-Apr-1999

Owner Name: Continental AFA Dispensing Company
CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: ERGONOMIC TRIGGER SPRAYER

Granted
03-Jun-2017

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

66179-52223

6234412 B1

22-May-2001

Granted

02-Sep-2018

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

Title: SPRAY PUMP CAPABLE OF BEING ACTUATED BY A HAND LEVER (Owens-Illinois 17476 (5220))

66179-09997/04

United States of America

PCT

09/486887

02-Mar-2000

Owner Name: Owens-Illinois Closure Inc.

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: SPRAY PUMP CAPABLE OF BEING ACTUATED BY A HAND LEVER (Owens-Illinois 17476 (5220))

66179-56043

6439481 B2

27-Aug-2002

Granted

02-Mar-2020

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

Title: SPRAY PUMP CAPABLE OF BEING ACTUATED BY A HAND LEVER (Owens-Illinois O-1)

66179-09997/10

United States of America

CON

09/810695

14-Mar-2001

Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: SPRAY PUMP CAPABLE OF BEING ACTUATED BY A HAND LEVER (Owens-Illinois O-1)

PATENT

REEL: 022078 FRAME: 0098

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
66179-32325/01 United States of America	ORD	09/990314 23-Nov-2001	US-2003-0098369-A1 29-May-2003	6557783 B1 06-May-2003	Granted 23-Nov-2021	66179-32325
Owner Name: Continental AFA Dispensing Company CAClient Name: Continental AFA Dispensing Company Agent Name: Title: TELESCOPING FOAMER NOZZLE						
Attorney(s): JMR CLS CAClient Ref: Agent Ref:						

66179-32326/ United States of America	DES	29/153921 16-Jan-2002		D 492598 S 06-Jul-2004	Granted 06-Jul-2018	66179-32326
Owner Name: CAClient Name: Continental AFA Dispensing Company Agent Name: Title: NOZZLE (telescoping foamer nozzle)						
Attorney(s): JMR CLS CAClient Ref: Agent Ref:						

66179-35411/01 United States of America	CIP	10/303623 25-Nov-2002	0098368-A1 29-May-2003	6715698 B2 06-Apr-2004	Granted 23-Nov-2021	66179-35411
Owner Name: Continental AFA Dispensing Company CAClient Name: Continental AFA Dispensing Company Agent Name: Title: MANUALLY OPERABLE TRIGGER SPRAYER WITH REARWARDLY LOCATED SPRAYER VALVE						
Attorney(s): JMR CLS CAClient Ref: Agent Ref:						

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
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66179-35793/01	ORD	10/358407	US-2004-0149837-A1	7017833 B2	Granted	66179-35793
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United States of America

Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

Title: TRIGGER SPRAYER SPRAY, OFF, STREAM, OFF INDEXING NOZZLE ASSEMBLY

66179-35902/01	ORD	10/288831		6644516 B1	Granted	66179-35902
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United States of America

Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

Title: FOAMING LIQUID DISPENSER

66179-35902/02	CIP	10/426230	US-2004-0084481-A1	6923346	Granted	66179-39725
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United States of America

Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

Title: FOAMING LIQUID DISPENSER

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
66179-35980/01 United States of America	ORD	10/338337 08-Jan-2003	US-2004-0129727-A1 08-Jul-2004	7124914 B2 24-Oct-2006	Granted 14-Aug-2024	66179-35980
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> DUAL CHAMBER LOTION PUMP						
<i>Attorney(s):</i> JMR CLS						
<i>CAClient Ref:</i>						
<i>Agent Ref:</i>						

66179-35981/01 United States of America	ORD	10/288944 06-Nov-2002		6641003 B1 04-Nov-2003	Granted 06-Nov-2022	66179-35981
<i>Owner Name:</i>						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> LOW COST TRIGGER SPRAYER WITH DOUBLE VALVE ELEMENT						
<i>Attorney(s):</i> JMR CLS						
<i>CAClient Ref:</i>						
<i>Agent Ref:</i>						

66179-37621/01 United States of America	ORD	10/387893 12-Mar-2003	04/0178223 16-Sep-2004	6820769 B2 23-Nov-2004	Granted 12-Mar-2023	66179-37621
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> CHILD PROOF CONNECTION FOR REMOTE TRIGGER SPRAYER AND BOTTLE CONTAINER						
<i>Attorney(s):</i> JMR CLS						
<i>CAClient Ref:</i>						
<i>Agent Ref:</i>						

PATENT

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IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
66179-39726/01 United States of America	ORD	10/417921 16-Apr-2003	0217134-A1 04-Nov-2004	6886718 B2 03-May-2005	Granted 16-Apr-2023	66179-39726
Owner Name: Continental AFA Dispensing Company CAClient Name: Continental AFA Dispensing Company Agent Name:						
Title: ERGONOMIC TRIGGER FOR A TRIGGER SPRAYER Attorney(s): JMR CLS CAClient Ref: Agent Ref:						

66179-39727/01 United States of America	DES	29/180034 16-Apr-2003		D488535 S 13-Apr-2004	Granted 13-Apr-2018	66179-39727
Owner Name: CAClient Name: Continental AFA Dispensing Company Agent Name:						
Title: TRIGGER SPRAYER ERGONOMIC TRIGGER WITH FINGER PROTRUSION Attorney(s): JMR CLS CAClient Ref: Agent Ref:						

66179-39728/01 United States of America	ORD	10/413674 15-Apr-2003	0206779-A1 21-Oct-2004	6814259 B1 09-Nov-2004	Granted 22-May-2023	66179-39728
Owner Name: CAClient Name: Continental AFA Dispensing Company Agent Name:						
Title: CHILD RESISTANT CLOSURE WITH SAFETY LOCK RING Attorney(s): JMR CLS CAClient Ref: Agent Ref:						

PATENT

REEL: 022078 FRAME: 0102

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IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
66179-41033/01 United States of America	ORD	10/458434 10-Jun-2003	US-2004-0251316-A1 16-Dec-2004	6845922 B2 25-Jan-2005	Granted 10-Jun-2023	66179-41033
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> CHILD RESISTANT INDEXING NOZZLE FOR A TRIGGER SPRAYER						

66179-41848/01 United States of America	ORD	10/647370 25-Aug-2003		6840408 B1 11-Jan-2005	Granted 25-Aug-2023	66179-41848
<i>Owner Name:</i>						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> AIR FOAM PUMP WITH SHIFTING AIR PISTON						

66179-46067/03 United States of America	ORD	08/352146 01-Dec-1994		5603434 18-Feb-1997	Granted 01-Dec-2014	66179-50898
<i>Owner Name:</i> Owens-Illinois Closure Inc.						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> TRIGGER SPRAYER (Owens-IL No. 16737)						

PATENT

REEL: 022078 FRAME: 0103

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IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
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66179-46067/04

United States of America

5738251

14-Apr-1998

Granted

19-Dec-2016

66179-56048

Owner Name: Owens-Illinois Closure Inc.

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: TRIGGER SPRAYER (Owens-Illinois O-I)

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

66179-46190/01

United States of America

6032834

07-Mar-2000

Granted

22-Oct-2018

66179-47294

Owner Name: Owens-Illinois Closure Inc.

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: PUMP DISPENSER AND METHOD OF MAKING IT (Owens-Illinois 17319)

Attorney(s): JMR CLS

CAClient Ref: 17319 (5200)

Agent Ref:

66179-46356/01

United States of America

6173863

16-Jan-2001

Granted

09-Aug-2019

66179-47328

Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: PUMP DISPENSER HAVING A PLUNGER SEAL (Owens-Illinois 17359)

Attorney(s): JMR CLS

CAClient Ref: 17359 Aust (5220)

Agent Ref:

PATENT

REEL: 022078 FRAME: 0104

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M attner
66179-46356/07 United States of America	CON	09/713989 15-Nov-2000		6315162 B1 13-Nov-2001	Granted 09-Aug-2019	66179-56038
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> PUMP DISPENSER HAVING A PLUNGER SEAL (Owens-Illinois 17359)						
66179-46727/01 United States of America	ORD	09/298596 23-Apr-1999		6123236 26-Sep-2000	Granted 23-Apr-2019	66179-47006
<i>Owner Name:</i> Owens-Illinois Closure Inc.						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> PUMP DISPENSER HAVING ONE-PIECE SPRING AND GASKET (Owens-Illinois 17160)						
66179-46727/08 United States of America	CON	09/668480 25-Sep-2000		6637626 B1 28-Oct-2003	Granted 23-Apr-2019	66179-50133
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> PUMP DISPENSER HAVING ONE-PIECE PLASTIC SPRING AND GASKET (Owens-Illinois 17160)						

PATENT

REEL: 022078 FRAME: 0105

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-Matter
66179-46787/02 United States of America	CIP	08/493837 22-Jun-1995		5687878 18-Nov-1997	Granted 15-Apr-2014	66179-47041
<i>Owner Name:</i> Owens-Illinois Closure Inc.						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> FLEXIBLE TUBE WITH PUMP DISPENSER AND METHOD OF MAKING (Owens-Illinois 16705)						
<i>Attorney(s):</i> JMR CLS						
<i>CAClient Ref:</i> 16705						
<i>Agent Ref:</i>						
66179-46787/03 United States of America	CIP	08/942115 01-Oct-1997		5988443 23-Nov-1999	Granted 22-Jun-2015	66179-47042
<i>Owner Name:</i> Owens-Illinois Closure Inc.						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> FLEXIBLE TUBE WITH PUMP DISPENSER AND METHOD OF MAKING (Owens-Illinois 16705)						
<i>Attorney(s):</i> JMR CLS						
<i>CAClient Ref:</i> 16705						
<i>Agent Ref:</i>						
66179-46787/12 United States of America	CIP	08/371905 12-Jan-1995		5505346 09-Apr-1996	Granted 15-Apr-2014	66179-53866
<i>Owner Name:</i> Owens-Illinois Closure Inc.						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> THUMB ACTUATED FLEXIBLE TUBE AND CLOSURE (Owens-Illinois 16669)						
<i>Attorney(s):</i> JMR CLS						
<i>CAClient Ref:</i> 16705						
<i>Agent Ref:</i>						

PATENT

REEL: 022078 FRAME: 0106

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-Matter
66179-46791/01 United States of America	ORD	09/304883 04-May-1999		6155462 05-Dec-2000	Granted 04-May-2019	66179-46726
<i>Owner Name:</i> Owens-Illinois Closure Inc.						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> BAYONET-TYPE FINISH FOR A CONTAINER (Owens-Illinois)						
<i>Attorney(s):</i> JMR CLS						
<i>CAClient Ref:</i>						
<i>Agent Ref:</i>						
66179-46791/02 United States of America	CON	09/729276 05-Dec-2000		6315167 13-Nov-2001	Granted 04-May-2019	66179-51580
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> BAYONET-TYPE FINISH FOR A CONTAINER (Owens-Illinois)						
<i>Attorney(s):</i> JMR CLS						
<i>CAClient Ref:</i>						
<i>Agent Ref:</i>						
66179-47007/01 United States of America	ORD	10/146325 14-May-2002		7032783 B1 25-Apr-2006	Granted 27-Jan-2024	66179-47007
<i>Owner Name:</i> Owens-Illinois Closure Inc.						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> PUMP DISPENSER FOR LIQUID PRODUCTS (Owens-Illinois 17623 USA CE-1031)						
<i>Attorney(s):</i> JMR CLS						
<i>CAClient Ref:</i> 17623 USA CE-1031						
<i>Agent Ref:</i>						

PATENT

REEL: 022078 FRAME: 0107

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
66179-47151/02 United States of America	DES	29/231473 06-Jun-2005		D547182 24-Jul-2007	Granted 14-Jul-2019	66179-55404
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> LOTION PUMP HEAD (Design - Continuation-In-Part)						
<i>Attorney(s):</i> JMR CLS SMR						
<i>CAClient Ref:</i>						
<i>Agent Ref:</i>						

66179-47295/01 United States of America	ORD	09/079481 15-May-1998		6053371 25-Apr-2000	Granted 15-May-2018	66179-47296
<i>Owner Name:</i> Owens-Illinois Closure Inc.						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> PUMP DISPENSER AND METHOD FOR MAKING SAME (Owens-Illinois 17183)						
<i>Attorney(s):</i> JMR CLS						
<i>CAClient Ref:</i>						
<i>Agent Ref:</i>						

66179-47295/03 United States of America	CIP	09/525311 13-Mar-2000		6250510 26-Jun-2001	Granted 15-May-2018	66179-47295
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> PUMP DISPENSER AND METHOD FOR MAKING SAME (Owens-Illinois 17183)						
<i>Attorney(s):</i> JMR CLS						
<i>CAClient Ref:</i>						
<i>Agent Ref:</i>						

PATENT

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66179-47525/01 United States of America	ORD	10/128195 22-Apr-2002		7036689 B1 02-May-2006	Granted 19-Apr-2023	66179-47525
Owner Name: Owens-Illinois Closure Inc. CAClient Name: Continental AFA Dispensing Company Agent Name:						
Attorney(s): JMR CLS CAClient Ref: Agent Ref:						
Title: CHILD-RESISTANT TRIGGER SPRAYER (Owens-Illinois 17727 USA)						
66179-49290/01 United States of America	ORD	08/538667 03-Oct-1995		5662246 02-Sep-1997	Granted 03-Oct-2015	66179-49290
Owner Name: Owens-Illinois Closure Inc. CAClient Name: Continental AFA Dispensing Company Agent Name:						
Attorney(s): JMR CLS CAClient Ref: Agent Ref:						
Title: TAMPER-DETERRENT NOZZLE FOR PUMP DISPENSERS (Owens-Illinois)						
66179-49305/01 United States of America	ORD	07/791124 13-Nov-1991		5169033 08-Dec-1992	Granted 13-Nov-2011	66179-49305
Owner Name: Owens-Illinois Closure Inc. CAClient Name: Continental AFA Dispensing Company Agent Name:						
Attorney(s): JMR CLS CAClient Ref: 16678 GERM 5220 Agent Ref:						
Title: CONTAINER-CLOSURE ASSEMBLY INCLUDING A SCREW CAP HAVING ANTI-BACKOFF ON ITS THREADS (Owens-Illinois OI 16678 (5220))						

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IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-Matter
66179-50134/01 United States of America	ORD	10/409793 08-Apr-2003		6997397 B1 14-Feb-2006	Granted 08-Apr-2023	66179-50134
Owner Name: Continental AFA Dispensing Company CAClient Name: Continental AFA Dispensing Company Agent Name:						
Title: TRIGGER SPRAYER NOZZLE (Owens-Illinois 18004 USA (CE-1246))						

66179-50581/01 United States of America	ORD	10/961286 08-Oct-2004	US-2006-0076364-A1 13-Apr-2006	7306122 B2 11-Dec-2007	Granted 28-Apr-2025	66179-50581
Owner Name: Continental AFA Dispensing Company CAClient Name: Continental AFA Dispensing Company Agent Name:						
Title: TRIGGER SPRAYER VENTING SYSTEM						

66179-50581/02 United States of America	CIP	11/176050 07-Jul-2005	US-2006-0086763-A1 27-Apr-2006	7311227 B2 25-Dec-2007	Granted 17-Sep-2025	66179-50581
Owner Name: Continental AFA Dispensing Company CAClient Name: Continental AFA Dispensing Company Agent Name:						
Title: TRIGGER SPRAYER VENTING SYSTEM WITH REDUCED DRAG ON VENT PISTON						

PATENT

REEL: 022078 FRAME: 0110

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IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
66179-51098/04 United States of America	DES	29/231474 06-Jun-2005		D543106 S 22-May-2007	Granted 22-May-2021	66179-55403
<i>Owner Name:</i> Continental AFA Dispensing Company <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i> <i>Title:</i> [[PEAKED]] LOTION PUMP HEAD <i>Attorney(s):</i> JMR CLS SMR <i>CAClient Ref:</i> <i>Agent Ref:</i>						
66179-52224/01 United States of America	ORD	09/425482 22-Oct-1999		6234361 B1 22-May-2001	Granted 22-Oct-2019	66179-52224
<i>Owner Name:</i> <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i> <i>Title:</i> PUMP DISPENSER PISTON PROVIDED WITH A PLASTIC INLET CHECK VALVE INSERT <i>Attorney(s):</i> JMR CLS <i>CAClient Ref:</i> <i>Agent Ref:</i>						
66179-52224/02 United States of America	CON	09/860512 21-May-2001		6364175 B2 02-Apr-2002	Granted 22-Oct-2019	66179-56040
<i>Owner Name:</i> Continental AFA Dispensing Company <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i> <i>Title:</i> PUMP DISPENSER PISTON PROVIDED WITH A PLASTIC INLET CHECK VALVE INSERT(Owens-Illinois O-I) <i>Attorney(s):</i> JMR CLS <i>CAClient Ref:</i> <i>Agent Ref:</i>						

PATENT

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M atter
66179-52661/02 United States of America	CON	09/860511 21-May-2001		6425501 BI 30-Jul-2002	Granted 17-Dec-2019	66179-56036
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> PUMP DISPENSER HAVING VENT VALVE (Owens-Illinois)						
<i>Attorney(s):</i> JMR CLS						
<i>CAClient Ref:</i> 17314						
<i>Agent Ref:</i>						

66179-53292/01 United States of America	ORD	08/902027 29-Jul-1997		5839617 24-Nov-1998	Granted 29-Jul-2017	66179-53292
<i>Owner Name:</i>						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> PUMP DISPENSER						
<i>Attorney(s):</i> JMR CLS						
<i>CAClient Ref:</i>						
<i>Agent Ref:</i>						

66179-55627/01 United States of America	ORD	08/552646 03-Nov-1995		5683014 04-Nov-1997	Granted	66179-55627
<i>Owner Name:</i> Owens-Illinois Closure Inc.						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> PISTON/NOZZLE ASSEMBLY FOR SIMULTANEOUS PUMP DISPENSER (Owens-Illinois 16778)						
<i>Attorney(s):</i> JMR JMH						
<i>CAClient Ref:</i>						
<i>Agent Ref:</i>						

PATENT

REEL: 022078 FRAME: 0112

Thursday, June 05, 2008

Patent List

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-Matter
66179-55654/01 United States of America	ORD	08/515881 16-Aug-1995		5664732 09-Sep-1997	Granted 16-Aug-2015	66179-55654
Owner Name: Continental AFA Dispensing Company CAClient Name: Continental AFA Dispensing Company Agent Name:						
Title: NOZZLE FOR PUMP DISPENSERS (Owens-Illinois OI 16776USA/17450USA)						
66179-55654/02 United States of America	CON	08/825978 04-Apr-1997		5878959 09-Mar-1999	Granted 16-Aug-2015	66179-56049
Owner Name: Continental AFA Dispensing Company CAClient Name: Continental AFA Dispensing Company Agent Name:						
Title: NOZZLE FOR PUMP DISPENSERS (Owens-Illinois O-I)						
66179-55664/01 United States of America	ORD	09/564845 04-May-2000		6286727 B1 11-Sep-2001	Granted	66179-55664
Owner Name: Owens-Illinois Closure Inc. CAClient Name: Continental AFA Dispensing Company Agent Name:						
Title: PUMP DISPENSER HAVING ERGONOMIC OVERHANG AND METHOD OF MAKING IT (Owens-Illinois 17450)						

PATENT

REEL: 022078 FRAME: 0113

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Patent List

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IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
66179-55727/01 United States of America	ORD	11/211348 25-Aug-2005		7195138 B2 27-Mar-2007	Granted 25-Aug-2025	66179-55727
Owner Name: Continental AFA Dispensing Company CAClient Name: Continental AFA Dispensing Company Agent Name:						
Title: CONTAINER CLOSURE WITH BIASED CLOSED VALVE						
66179-55728/01 United States of America	ORD	11/222432 08-Sep-2005	US-2007-0051755-A1 08-Mar-2007	7198180 B2 03-Apr-2007	Granted 08-Sep-2025	66179-55728
Owner Name: Continental AFA Dispensing Company CAClient Name: Continental AFA Dispensing Company Agent Name:						
Title: CONTAINER CLOSURE WITH BIASED CLOSED TUBE VALVE						
66179-56027/01 United States of America	ORD	09/249412 12-Feb-1999		5984151 16-Nov-1999	Granted 12-Feb-2019	66179-56027
Owner Name: Owens-Illinois Closure Inc. CAClient Name: Continental AFA Dispensing Company Agent Name:						
Title: DISPENSING PUMP HAVING UNIVERSAL PUMP BODY AND READILY ATTACHABLE SHROUD SELECTED FROM READILY ATTACHABLE SHROUDS OF DIFFERENT OUTWARD SHAPES (Owens-Illinois O-I)						

PATENT

REEL: 022078 FRAME: 0114

Patent List

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IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
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66179-56030/01

United States of America

ORD 07/964385

21-Oct-1992

Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: PUMP DISPENSER WITH COMBINED INLET AND OUTLET PORTS (Owens-Illinois O-I)

Granted

21-Oct-2012

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

66179-56031

United States of America

ORD 08/009964

27-Jan-1993

Owner Name: Owens-Illinois Closure Inc.

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: PUMP DISPENSER FOR LOTIONS AND/OR LARGE DOSES OF PRODUCT (Owens-Illinois O-I)

Granted

27-Jan-2013

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

66179-56032

United States of America

ORD 08/995977

22-Dec-1997

Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: PUMP DISPENSER HAVING A LOCKING SYSTEM WITH DETENTS (Owens-Illinois O-I)

Granted

22-Dec-2017

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

PATENT

REEL: 022078 FRAME: 0115

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-Matter
66179-56032/02 United States of America	CON	09/292927 16-Apr-1999		6065647 23-May-2000	Granted 22-Dec-2017	66179-56033
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> PUMP DISPENSER HAVING A LOCKING SYSTEM WITH DETENTS (Owens-Illinois O-I)						
66179-56034/01 United States of America	ORD	09/426829 25-Oct-1999		6216912 B1 17-Apr-2001	Granted 25-Oct-2019	66179-56034
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> PUMP DISPENSER HAVING SHROUD LOCKING MEANS (Owens-Illinois O-I)						
66179-56034/02 United States of America	CON	09/808747 16-Mar-2001		6343719 B2 05-Feb-2002	Granted 25-Oct-2019	66179-56035
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> PUMP DISPENSER HAVING SHROUD LOCKING MEANS (Owens-Illinois O-I)						

Patent List

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IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
66179-56037/01 United States of America	ORD	09/466514 17-Dec-1999		6257455 B1 10-Jul-2001	Granted 17-Dec-2019	66179-56037
<i>Owner Name:</i> Owens-Illinois Closure Inc. <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i> <i>Attorney(s):</i> JMR CLS <i>CAClient Ref:</i> <i>Agent Ref:</i> <i>Title:</i> PUMP DISPENSER HAVING PASSIVE VENTING MEANS (Owens-Illinois O-I)						
66179-56039/01 United States of America	ORD	09/792016 21-Feb-2001		6364171 B1 02-Apr-2002	Granted 21-Feb-2021	66179-56039
<i>Owner Name:</i> Owens-Illinois Closure Inc. <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i> <i>Attorney(s):</i> JMR CLS <i>CAClient Ref:</i> <i>Agent Ref:</i> <i>Title:</i> ARTICULATED TRIGGER/COVER UNIT FOR A PUMP DISPENSER (Owens-Illinois O-I)						
66179-56041/01 United States of America	ORD	09/776103 02-Feb-2001		6446882 B1 10-Sep-2002	Granted 02-Feb-2021	66179-56041
<i>Owner Name:</i> Owens-Illinois Closure Inc. <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i> <i>Attorney(s):</i> JMR CLS <i>CAClient Ref:</i> <i>Agent Ref:</i> <i>Title:</i> TRIGGER SPRAYER HAVING SPRAYER/FOAMER SELECTOR NOZZLE CAP (Owens-Illinois O-I)						

PATENT

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
66179-56044/01 United States of America	ORD	09/789472 21-Feb-2001		6364174 B1 02-Apr-2002	Granted 21-Feb-2021	66179-56044
<i>Owner Name:</i> Owens-Illinois Closure Inc.						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> PUMP DISPENSER HAVING PISTON RETAINER AND STOP (Owens-Illinois O-I)						

66179-56045/01 United States of America	ORD	09/789471 21-Feb-2001		6364173 B1 02-Apr-2002	Granted 21-Feb-2021	66179-56045
<i>Owner Name:</i> Owens-Illinois Closure Inc.						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> PUMP DISPENSER CLOSURE HAVING SNAP CONNECTION (Owens-Illinois O-I)						

66179-56046/01 United States of America	ORD	09/753648 03-Jan-2001		6382527 B1 07-May-2002	Granted 03-Jan-2021	66179-56046
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> HAND-ACTIVATED DISPENSING PUMP HAVING SPRAYER/FOAMER SELECTOR WHEEL (Owens-Illinois O-I)						

PATENT

REEL: 022078 FRAME: 0118

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
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66179-56046/02	CON	10/100317	0092927 A1	6536686 B2	Granted	66179-56047
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United States of America						
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<i>Owner Name:</i> Continental AFA Dispensing Company						
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<i>CAClient Name:</i> Continental AFA Dispensing Company						
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<i>Agent Name:</i>						
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<i>Title:</i> HAND ACTIVATED DISPENSING PUMP HAVING SPRAYER/FOAMER SELECTOR WHEEL						
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(Owens-Illinois O-I)						
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66179-56050/02	CON	08/855794		5996847	Granted	66179-56051
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United States of America						
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<i>Owner Name:</i> Owens-Illinois Closure Inc.						
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<i>CAClient Name:</i> Continental AFA Dispensing Company						
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<i>Agent Name:</i>						
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<i>Title:</i> PISTON/NOZZLE ASSEMBLY FOR SIMULTANEOUS PUMP DISPENSER (Owens-Illinois O-I)						
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66179-56052/01	ORD	08/524932		5752626	Granted	66179-56052
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United States of America						
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<i>Owner Name:</i> Continental AFA Dispensing Company						
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<i>CAClient Name:</i> Continental AFA Dispensing Company						
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<i>Agent Name:</i>						
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<i>Title:</i> SIMULATANEIOUS PUMP DISPENSER (Owens-Illinois O-I)						
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IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-Matter
66179-56052/02 United States of America	CON	08/907986 11-Aug-1997		5857591 12-Jan-1999	Granted 08-Sep-2015	66179-56053
<i>Owner Name:</i> Continental AFA Dispensing Company						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> SIMULATANEIOUS PUMP DISPENSER (Owens-Illinois O-I)						
66179-56054/01 United States of America	ORD	08/552768 03-Nov-1995		5687877 18-Nov-1997	Granted 03-Nov-2015	66179-56054
<i>Owner Name:</i> Owens-Illinois Closure Inc.						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> PUMP DISPENSER HAVING MOVEABLE OUTLET CHECK VALVE ELEMENT (Owens-Illinois O-I)						
66179-56263/01 United States of America	DES	29/057851 01-Aug-1996		D 385792 04-Nov-1997	Granted 04-Nov-2011	66179-56263
<i>Owner Name:</i> Owens-Illinois Closure Inc.						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> FINGER-DRIVEN PUMP ACTUATOR (Owens-Illinois O-I)						

PATENT

REEL: 022078 FRAME: 0120

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
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66179-56264/01	DES	29/050710		D 396188	Granted	66179-56264
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United States of America		23-Feb-1996		21-Jul-1998	21-Jul-2012	
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Owner Name: Owens-Illinois Closure Inc.

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: LIQUID DISPENSER (Owens-Illinois O-I)

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

66179-56265/01	DES	29/076835		D 416489	Granted	66179-56265
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United States of America		24-Sep-1997		16-Nov-1999	16-Nov-2013	
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Owner Name: Owens-Illinois Closure Inc.

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: ACTUATOR FOR A LIQUID DISPENSER (Owens-Illinois O-I)

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

66179-56266/01	DES	29/069936		D 441654	Granted	66179-56266
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United States of America		18-Apr-1997		08-May-2001	08-May-2015	
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Owner Name: Owens-Illinois Closure Inc.

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: LIQUID DISPENSER (Owens-Illinois O-I)

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
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66179-56267/01 United States of America	DES	29/097272 03-Dec-1998		D 414696 05-Oct-1999	Granted 05-Oct-2013	66179-56267
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Owner Name: Owens-Illinois Closure Inc.

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: LIQUID DISPENSER (Owens-Illinois O-I)

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

66179-56268/01 United States of America	DES	29/097273 03-Dec-1998		D 419877 01-Feb-2000	Granted 01-Feb-2014	66179-56268
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Owner Name: Owens-Illinois Closure Inc.

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: LIQUID DISPENSER (Owens-Illinois O-I)

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

66179-56269/01 United States of America	DES	29/097274 03-Dec-1998		D 414697 05-Oct-1999	Granted 05-Oct-2013	66179-56269
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Owner Name: Owens-Illinois Closure Inc.

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: LIQUID DISPENSER (Owens-Illinois O-I)

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

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IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
66179-56270/01 United States of America	DES	29/109066 09-Aug-1999		D 422216 04-Apr-2000	Granted 04-Apr-2014	66179-56270
<i>Owner Name:</i> Owens-Illinois Closure Inc. <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i> <i>Title:</i> PUMP DISPENSER SHROUD (Owens-Illinois O-I) <i>Attorney(s):</i> JMR CLS <i>CAClient Ref:</i> <i>Agent Ref:</i>						

66179-56271/01 United States of America	DES	29/109065 09-Aug-1999		D 423934 02-May-2000	Granted 02-May-2014	66179-56271
<i>Owner Name:</i> Owens-Illinois Closure Inc. <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i> <i>Title:</i> SHROUD FOR A PUMP DISPENSER (Owens-Illinois O-I) <i>Attorney(s):</i> JMR CLS <i>CAClient Ref:</i> <i>Agent Ref:</i>						

66179-56272/01 United States of America	DES	29/109064 09-Aug-1999		D 422913 18-Apr-2000	Granted 18-Apr-2014	66179-56272
<i>Owner Name:</i> Owens-Illinois Closure Inc. <i>CAClient Name:</i> Continental AFA Dispensing Company <i>Agent Name:</i> <i>Title:</i> TRIGGER SPRAYER SHROUD (Owens-Illinois O-I) <i>Attorney(s):</i> JMR CLS <i>CAClient Ref:</i> <i>Agent Ref:</i>						

PATENT

REEL: 022078 FRAME: 0123

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IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
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66179-56273/01

DES

29/074581
06-Aug-1997

D 406762
16-Mar-1999

Granted

16-Mar-2013

United States of America

Owner Name: Owens-Illinois Closure Inc.

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

Title: TRIGGER PUMP DISPENSER SHROUD (Owens-Illinois O-I)

66179-56274

DES

29/083027
20-Jan-1998

D 409915
18-May-1999

Granted

18-May-2013

United States of America

Owner Name: Owens-Illinois Closure Inc.

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

Title: TRIGGER PUMP DISPENSER SHROUD (Owens-Illinois O-I)

66179-56275

DES

29/093614
15-Sep-1998

D 419446
25-Jan-2000

Granted

25-Jan-2014

United States of America

Owner Name: Owens-Illinois Closure Inc.

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

Title: ACTUATOR FOR PUMP DISPENSER FOR LOTION OR THE LIKE (Owens-Illinois O-I)

PATENT

REEL: 022078 FRAME: 0124

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IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
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66179-56276/01 United States of America	DES	29/093998 23-Sep-1998		D 418755 11-Jan-2000	Granted 11-Jan-2014	66179-56276
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Owner Name: Owens-Illinois Closure Inc.

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: DISPENSER NOZZLE (Owens-Illinois O-I)

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

66179-56277/01 United States of America	DES	29/089011 05-Jun-1998		D 449988 06-Nov-2001	Granted 06-Nov-2015	66179-56277
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Owner Name: Owens-Illinois Closure Inc.

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: NOZZLE (Owens-Illinois O-I)

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

66179-56278/01 United States of America	DES	29/147278 27-Aug-2001		D 458845 18-Jun-2002	Granted 18-Jun-2016	66179-56278
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Owner Name: Owens-Illinois Closure Inc.

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: DISPENSING NOZZLE (Owens-Illinois O-I)

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

PATENT

REEL: 022078 FRAME: 0125

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
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66179-56279/01 United States of America	DES	29/092026 11-Aug-1998		D 421718 21-Mar-2000	Granted 21-Mar-2014	66179-56279
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Owner Name: Owens-Illinois Closure Inc.

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

Title: PORTION OF A TRIGGER FOR TRIGGER PUMP DISPENSER (Owens-Illinois O-I)

66179-56280/01 United States of America	DES	29/111866 05-Oct-1999		D 437224 06-Feb-2001	Granted 06-Feb-2015	66179-56280
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Owner Name: Owens-Illinois Closure Inc.

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

Title: ACTUATOR AND COWL FOR A LOTION DISPENSING PUMP (Owens-Illinois O-I)

66179-56281/01 United States of America	DES	29/095374 22-Oct-1998		D 419876 01-Feb-2000	Granted 01-Feb-2014	66179-56281
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Owner Name: Owens-Illinois Closure Inc.

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

Title: TRIGGER PUMP DISPENSER (Owens-Illinois O-I)

IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
66179-56282/01 United States of America	DES	29/094008 23-Sep-1998		D 415427 19-Oct-1999	Granted 19-Oct-2013	66179-56282
<i>Owner Name:</i> Owens-Illinois Closure Inc.						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> ACTUATOR FOR PUMP DISPENSER FOR LOTION OR THE LIKE (Owens-Illinois O-I)						
66179-56283/01 United States of America	DES	29/107452 06-Jul-1999		D 424938 16-May-2000	Granted 16-May-2014	66179-56283
<i>Owner Name:</i> Owens-Illinois Closure Inc.						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> ACTUATOR FOR PUMP DISPENSER FOR LOTION OR THE LIKE (Owens-Illinois O-I)						
66179-56284/01 United States of America	DES	29/107453 06-Jul-1999		D 427527 04-Jul-2000	Granted 04-Jul-2014	66179-56284
<i>Owner Name:</i> Owens-Illinois Closure Inc.						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> ACTUATOR FOR PUMP DISPENSER FOR LOTION OR THE LIKE (Owens-Illinois O-I)						

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66179-56285/01 United States of America	DES	29/108572 29-Jul-1999		D 424939 16-May-2000	Granted 16-May-2014	66179-56285
<i>Owner Name:</i> Owens-Illinois Closure Inc.						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> TRIGGER SPRAYER (Owens-Illinois O-I)						
66179-56286/01 United States of America	DES	29/109068 09-Aug-1999		D 439164 20-Mar-2001	Granted 20-Mar-2015	66179-56286
<i>Owner Name:</i> Owens-Illinois Closure Inc.						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> TRIGGER PUMP HAVING ERGONOMIC FEATURES (Owens-Illinois O-I)						
66179-56287/01 United States of America	DES	29/113140 29-Oct-1999		D 435448 26-Dec-2000	Granted 26-Dec-2014	66179-56287
<i>Owner Name:</i> Owens-Illinois Closure Inc.						
<i>CAClient Name:</i> Continental AFA Dispensing Company						
<i>Agent Name:</i>						
<i>Title:</i> SHROUD FOR PUMP DISPENSER (Owens-Illinois O-I)						

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66179-56288/01 United States of America	DES	29/115399 13-Dec-1999		D 437225 06-Feb-2001	Granted 06-Feb-2015	66179-56288
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Owner Name: Owens-Illinois Closure Inc.

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

Title: NOZZLE CAP FOR PUMP DISPENSER (Owens-Illinois O-I)

66179-56289/01 United States of America	DES	29/115398 13-Dec-1999		D 438112 27-Feb-2001	Granted 27-Feb-2015	66179-56289
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Owner Name: Owens-Illinois Closure Inc.

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

Title: NOZZLE CAP FOR FOAM-PRODUCING PUMP DISPENSER (Owens-Illinois O-I)

66179-56290/01 United States of America	DES	29/115155 08-Dec-1999		D 437785 20-Feb-2001	Granted 20-Feb-2015	66179-56290
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Owner Name: Owens-Illinois Closure Inc.

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

Title: SPRAY PUMP TRANSITION COLLAR (Owens-Illinois O-I)

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66179-56291/01 United States of America	DES	29/109067 09-Aug-1999		D 433943 21-Nov-2000	Granted 21-Nov-2014	66179-56291
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Owner Name: Owens-Illinois Closure Inc.

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: ERGONOMIC TRIGGER PUMP (Owens-Illinois O-I)

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

66179-56292/01 United States of America	DES	29/118812 16-Feb-2000		D 442088 15-May-2001	Granted 15-May-2015	66179-56292
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Owner Name: Owens-Illinois Closure Inc.

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: TRIGGER PUMP DISPENSER SHROUD (Owens-Illinois O-I)

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

66179-56293/01 United States of America	DES	29/131658 25-Oct-2000		D 445681 31-Jul-2001	Granted 31-Jul-2015	66179-56293
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: TRIGGER PUMP CLOSURE (Owens-Illinois O-I)

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

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66179-56294/01 United States of America	DES	29/131612 25-Oct-2000		D 446721 21-Aug-2001	Granted 21-Aug-2015	66179-56294
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Owner Name: Owens-Illinois Closure Inc.

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: PUMP DISPENSER TRIGGER (Owens-Illinois O-I)

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

66179-56295/01 United States of America	DES	29/044145 19-Sep-1995		D 381909 05-Aug-1997	Granted 05-Aug-2011	66179-56295
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Owner Name: Owens-Illinois Closure Inc.

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: ACTUATOR FOR A FINGER-DRIVEN PUMP (Owens-Illinois O-I)

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

66179-56296/01 United States of America	DES	29/044735 19-Sep-1995		D 381910 05-Aug-1997	Granted 05-Aug-2011	66179-56296
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Owner Name: Owens-Illinois Closure Inc.

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Title: ACTUATOR FOR A FINGER PUMP (Owens-Illinois O-I)

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

PATENT

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IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
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66179-58633/01 United States of America	ORD	07/245639 19-Sep-1988		4892208 09-Jan-1990	Granted 19-Sep-2008	66179-58633
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Owner Name:

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

Title: CHILD-RESISTANT CLOSURE ASSEMBLY

66179-58634/01 United States of America	ORD	07/501853 30-Mar-1990		4984702 15-Jan-1991	Granted 30-Mar-2010	66179-58634
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

Title: ASSEMBLY FOR SECURING AND SEALING A DISPENSER TO A FLANGED CONTAINER

66179-58944/01 United States of America	DES	29/243243 22-Nov-2005		D548078 07-Aug-2007	Granted 07-Aug-2021	66179-58944
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Owner Name: Continental AFA Dispensing Company

CAClient Name: Continental AFA Dispensing Company

Agent Name:

Attorney(s): JMR CLS

CAClient Ref:

Agent Ref:

Title: REMOTE TRIGGER SPRAYER

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IP Family #/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	Client-M after
66179-60747/01 United States of America	ORD	08/881945 25-Jun-1997		5890632 06-Apr-1999	Granted 25-Jun-2017	66179-60747
Owner Name: Continental AFA Dispensing Company CAClient Name: Continental AFA Dispensing Company Agent Name: Title: DISPENSING PUMP HAVING UNIVERSAL PUMP BODY AND READILY ATTACHABLE SHROUD SELECTED FROM READILY ATTACHABLE SHROUDS OF DIFFERENT OUTWARD SHAPES (Owens-Illinois)						
66179-60747/02 United States of America	CON	09/251658 17-Feb-1999		5975376 02-Nov-1999	Granted 25-Jun-2017	66179-59080
Owner Name: Continental AFA Dispensing Company CAClient Name: Continental AFA Dispensing Company Agent Name: Title: DISPENSING PUMP HAVING UNIVERSAL PUMP BODY AND READILY ATTACHABLE SHROUD SELECTED FROM READILY ATTACHABLE SHROUDS OF DIFFERENT OUTWARD SHAPES (Owens-Illinois)						