

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Pechiney Plastic Packaging, Inc.	03/23/2006
Pechiney Plastic Packaging (Canada) Inc.	03/23/2006
Alcan Packaging Flexible France	03/28/2006

RECEIVING PARTY DATA

Name:	Ball Corporation
Street Address:	10 Longs Peak Dr.
City:	Broomfield
State/Country:	COLORADO
Postal Code:	80021-2510

PROPERTY NUMBERS Total: 64

Property Type	Number
Patent Number:	4925100
Patent Number:	4946365
Patent Number:	5037285
Patent Number:	5523045
Patent Number:	6194041
Patent Number:	5968558
Patent Number:	6095785
Patent Number:	4934915
Patent Number:	4895504
Patent Number:	4931246
Patent Number:	5281360
Patent Number:	5314987
Patent Number:	5866649

PATENT

500249830

REEL: 019084 FRAME: 0590

CH \$2560.00 4925100

Patent Number:	6288161
Patent Number:	6239210
Patent Number:	5251424
Patent Number:	6123211
Patent Number:	6280679
Patent Number:	6521159
Patent Number:	6419874
Patent Number:	6677013
Patent Number:	6524089
Patent Number:	6113841
Patent Number:	6345973
Patent Number:	6230912
Patent Number:	6296131
Patent Number:	6264460
Patent Number:	6422857
Patent Number:	6841211
Patent Number:	6749419
Patent Number:	6773251
Patent Number:	6823651
Patent Number:	D360582
Patent Number:	D435455
Patent Number:	D423366
Patent Number:	D419886
Patent Number:	D448671
Patent Number:	D426164
Patent Number:	D455656
Patent Number:	D432423
Patent Number:	D453003
Patent Number:	D457435
Patent Number:	D450244
Patent Number:	D445339
Patent Number:	D446458
Patent Number:	D445694
Patent Number:	D448675
Patent Number:	D466021

Patent Number:	D466813
Patent Number:	D466024
Patent Number:	D466019
Patent Number:	D466817
Patent Number:	D465418
Patent Number:	D484808
Patent Number:	D485765
Patent Number:	D494475
Patent Number:	D498143
Patent Number:	6176382
Patent Number:	D445693
Application Number:	11329748
Application Number:	09901427
Application Number:	10607654
Application Number:	10046500
Application Number:	10994891

CORRESPONDENCE DATA

Fax Number: (303)863-0223
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Phone: 303 863 2983
 Email: cmueller@sheridanross.com
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 Address Line 1: 1560 Broadway
 Address Line 2: Suite 1200
 Address Line 4: Denver, COLORADO 80202

ATTORNEY DOCKET NUMBER:	1604-538
NAME OF SUBMITTER:	Craig W. Mueller

Total Attachments: 66
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ASSIGNMENT OF PATENTS

THIS ASSIGNMENT OF PATENTS (this "Patent Assignment") is entered into as of March 28, 2006 (the "Effective Date") by and between Pechiney Plastic Packaging, Inc., a Delaware corporation, Pechiney Plastic Packaging (Canada) Inc., an Ontario corporation, Alcan Packaging Flexible France, a French corporation (*société par actions simplifiée*) (collectively, "Assignors"), and Ball Corporation, an Indiana corporation ("Assignee"). This Patent Assignment is being entered into pursuant to that certain Asset Purchase Agreement dated as of February 24, 2006 by and among Assignors and Assignee (the "Agreement").

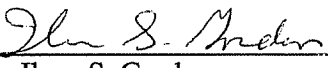
FOR GOOD AND VALUABLE CONSIDERATION as recited in the Agreement, the receipt and sufficiency of which are hereby acknowledged, effective as of the Effective Date, Assignors hereby sell, transfer, assign, convey and deliver to Assignee, and its successors and assigns, all right, title and interest that Assignors possess and have the right to transfer in and to the patents and patent applications listed on Schedule A attached hereto (which is incorporated into and made a part of this Patent Assignment) (including without limitation, any continuations, divisions, continuations-in-part, reissues, reexaminations, extensions, or foreign equivalents thereof), together with all rights to sue and recover for any past, present or future infringement, damage or injury (and including the right to take over and continue any and all existing suits) to any of the foregoing and collect profits or damages with respect to same, the same to be held and enjoyed hereinafter by Assignee for its own use and for the use of its successors and assigns.

In the event of any conflict or inconsistency between the terms of this Patent Assignment and the terms of the Agreement, the terms of the Agreement will prevail. Nothing contained herein shall be deemed to alter, modify, expand or diminish the terms of the Agreement.

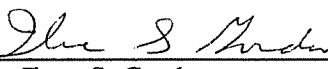
* * * * *

IN WITNESS WHEREOF, the undersigned parties have caused this Patent Assignment to be executed as of the Effective Date.

PECHINEY PLASTIC PACKAGING, INC.

By: 
Name: Ilene S. Gordon
Title: President and Chief Operating
Officer- Plastic Packaging

**PECHINEY PLASTIC PACKAGING
(CANADA) INC.**

By: 
Name: Ilene S. Gordon
Title: Chairman and President

ALCAN PACKAGING FLEXIBLE FRANCE

By: _____
Name: Theodore M. Tracy
Title: Attorney-in-Fact

BALL CORPORATION

By: _____
Name: Charles E. Baker
Title: Vice President and General Counsel

STATE OF Illinois)
) SS.
COUNTY OF Cook)



On this 23 day of MARCH, there appeared before me Ilene S. Gordon, personally known to me, who acknowledged that she signed the foregoing Patent Assignment as her voluntary act and deed on behalf and with full authority of Pechiney Plastic Packaging, Inc.

WITNESS my hand and official seal.

Signature Sandra Small Spano (Seal) My commission expires 7/26/09

STATE OF Illinois)
) SS.
COUNTY OF Cook)



On this 23 day of MARCH, there appeared before me Ilene S. Gordon, personally known to me, who acknowledged that she signed the foregoing Patent Assignment as her voluntary act and deed on behalf and with full authority of Pechiney Plastic Packaging (Canada) Inc.

WITNESS my hand and official seal.

Signature Sandra Small Spano (Seal) My commission expires 7/26/09

STATE OF)
) SS.
COUNTY OF)

On this _____ day of _____, there appeared before me Theodore M. Tracy, personally known to me, who acknowledged that he signed the foregoing Patent Assignment as his voluntary act and deed on behalf and with full authority of Alcan Packaging Flexible France.

WITNESS my hand and official seal.

Signature _____ (Seal) My commission expires _____

STATE OF)
) SS.
COUNTY OF)

ASSIGNMENT OF PATENTS

PATENT
REEL: 019084 FRAME: 0597

IN WITNESS WHEREOF, the undersigned parties have caused this Patent Assignment to be executed as of the Effective Date.

PECHINEY PLASTIC PACKAGING, INC.

By: _____
Name: Ilene S. Gordon
Title: President and Chief Operating
Officer- Plastic Packaging

**PECHINEY PLASTIC PACKAGING
(CANADA) INC.**

By: _____
Name: Ilene S. Gordon
Title: Chairman and President

ALCAN PACKAGING FLEXIBLE FRANCE

By:  _____
Name: Theodore M. Tracy
Title: Attorney-in-Fact

BALL CORPORATION

By: _____
Name: Charles E. Baker
Title: Vice President and General Counsel

STATE OF)
) SS.
COUNTY OF)

On this ____ day of _____, there appeared before me Ilene S. Gordon, personally known to me, who acknowledged that she signed the foregoing Patent Assignment as her voluntary act and deed on behalf and with full authority of Pechiney Plastic Packaging, Inc.

WITNESS my hand and official seal.

Signature _____ (Seal) My commission expires _____

STATE OF)
) SS.
COUNTY OF)

On this ____ day of _____, there appeared before me Ilene S. Gordon, personally known to me, who acknowledged that she signed the foregoing Patent Assignment as her voluntary act and deed on behalf and with full authority of Pechiney Plastic Packaging (Canada) Inc.

WITNESS my hand and official seal.

Signature _____ (Seal) My commission expires _____

STATE OF Georgia)
) SS.
COUNTY OF Coweta)

On this 28th day of March, 2006, there appeared before me Theodore M. Tracy, personally known to me, who acknowledged that he signed the foregoing Patent Assignment as his voluntary act and deed on behalf and with full authority of Alcan Packaging Flexible France.

WITNESS my hand and official seal.

Signature Melissa A. Wierough (Seal) My commission expires 10-13-08

STATE OF)
) SS.
COUNTY OF)

ASSIGNMENT OF PATENTS

PATENT
REEL: 019084 FRAME: 0599

IN WITNESS WHEREOF, the undersigned parties have caused this Patent Assignment to be executed as of the Effective Date.

PECHINEY PLASTIC PACKAGING, INC.

By: _____
Name: Ilene S. Gordon
Title: President and Chief Operating
Officer- Plastic Packaging

**PECHINEY PLASTIC PACKAGING
(CANADA) INC.**

By: _____
Name: Ilene S. Gordon
Title: Chairman and President

ALCAN PACKAGING FLEXIBLE FRANCE

By: _____
Name: Theodore M. Tracy
Title: Attorney-in-Fact

BALL CORPORATION

By: Charles E. Baker
Name: Charles E. Baker
Title: Vice President and General Counsel

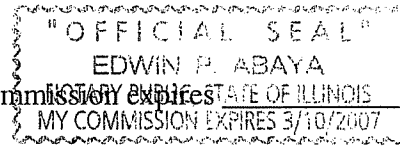
On this 28th day of March, 2006, there appeared before me Charles E. Baker, personally known to me, who acknowledged that he signed the foregoing Patent Assignment as his voluntary act and deed on behalf and with full authority of Ball Corporation.

WITNESS my hand and official seal.

Signature

Edwin P. Abaya

My commission expires



SCHEDULE A

Attached.

Master List

Case Number: IR6171

Title: Apparatus and method for producing a multi-layered article such as a parison e.g. for making a blowmoulded container

Client: Packaging NA - Bottles Group

Disclosure Status: Filed

Disclosure Date:

Attorney(s): JG

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
Australia	1	ORD	ANCC	ABANDONED	21810/83	29-Nov-1983	576481	01-Sep-1988	
Australia	2	DIV	ANCC	ABANDONED	18522/88	29-Jun-1988	604931	03-Jan-1991	03-Jul-2003
Austria	1e	EPC		Abandoned	83303825	01-Jul-1983	69998	15-Dec-1991	07-Dec-1994
Austria	2e	EDV	ANCC	Expired	88101331.2	01-Jul-1983	86915	15-Apr-1993	01-Jul-2003
Belgium	1e	EPC	ANCC	Expired	88101331.2	01-Jul-1983	0280066	17-Mar-1993	01-Jul-2003
Brazil	1	ORD	ANCC	Abandoned	PI8302732	24-May-1983		29-Dec-1998	23-Mar-2004
Canada	1	ORD	ANCC	Granted	427503	05-May-1983	1258758	29-Aug-1989	29-Aug-2006
Canada	2	DIV	ANCC	Granted	599621	05-May-1983	1270451	19-Jun-1990	
European Patent Convention	1e	DIV	ANCC	National	88101331.2	01-Jul-1983	0280066	17-Mar-1993	
European Patent Convention	2e	DIV	ANCC	National	83303825.0	01-Jul-1983	0110493	04-Dec-1991	
France	1e	EPC	ANCC	Expired	88101331.2	01-Jul-1983	0280066	17-Mar-1993	01-Jul-2003
Germany	1e	EPC	ANCC	Abandoned	83303825.0	01-Jul-1983	3382470		
Germany	2e	EDV	ANCC	Expired	88101331.2	01-Jul-1983	3382666	12-Aug-1993	01-Jul-2003
Italy	1e	EPC	ANCC	Expired	88101331.2	01-Jul-1983	0280066	17-Mar-1993	01-Jul-2003
Japan	1	ORD	ANCC	Expired	189787/83	11-Oct-1983	2128626	25-Apr-1997	11-Oct-2003
Luxembourg	1e	EPC	ANCC	Expired	88101331.2	01-Jul-1983	0280066	17-Mar-1993	01-Jul-2003
Mexico	1	ORD	ANCC	Granted	197447	27-May-1983	162486	13-May-1991	13-May-2005
Netherlands	1e	EPC	ANCC	EXPIRED	88101331.2	01-Jul-1983	0280066	17-Mar-1993	01-Jul-2003
South Africa	1	ORD	ANCC	Abandoned	83/2031	23-Mar-1983	83/2031	25-Jul-1984	
Spain	1	ORD	ANCC	GRANTED	52212383	05-May-1983	8501297	16-Feb-1985	
Spain	2	DIV	ANCC	Granted	53552984	30-Aug-1984	8505578	01-Oct-1985	01-Oct-2005
Spain	3	DIV	ANCC	GRANTED	53553184	30-Aug-1984	8506499	16-Nov-1985	

PATENT

Master List

Case Number: IR6171

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
Spain	4	DIV	ANCC	GRANTED	53553084	30-Aug-1984	8602476	16-Mar-1986	
Spain	5	DIV	ANCC	GRANTED	53552884	30-Aug-1984	8605186	16-Aug-1986	
Sweden	1e	EPC	ANCC	Expired	88101331.2	01-Jul-1983	0280066	17-Mar-1993	01-Jul-2003
Switzerland	1e	EPC	ANCC	EXPIRED	88101331.2	01-Jul-1983	0280066	17-Mar-1993	01-Jul-2003
United Kingdom	1e	EPC	ANCC	Expired	88101331.2	01-Jul-1983	0280066	17-Mar-1993	01-Jul-2003

Tuesday, February 21, 2006

Master List

Page: 1

Case Number: IR6172

Title: Method of obtaining acceptable configuration of a plastic container after thermal food sterilization process

Client: Packaging NA - Food Group

Disclosure Status: Filed

Disclosure Date:

Attorney(s): JG

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
Australia	1	ORD	ACC	Expired	27281/84	26-Apr-1984	579998	22-Dec-1988	20-Jan-1994
Austria	1e	EPC	ACC	Abandoned	84300076	05-Jan-1984	39898	15-Jan-1989	05-Jan-1994
Brazil	1	ORD	ACC	Abandoned	P18400017	04-Jan-1984			
Canada	1	ORD	ACC	Granted	444658	04-Jan-1984	1248469	10-Jan-1989	10-Jan-2006
Canada	2	DIV	ACC	Granted	570660	04-Jan-1984	1261304	26-Sep-1989	
European Patent Convention	1e	ORD	PEPE	National	84300076.1	05-Jan-1984	0115380	11-Jan-1989	
Germany	1e	EPC	PEPE	Abandoned	84300076.1	05-Jan-1984	3476048	16-Feb-1989	01-Oct-1994
Greece	1	ORD	PEPE	Expired	7340383	30-Dec-1983			
Israel	1	ORD	ACC	Abandoned	70602	02-Jan-1984	70602	31-Jan-1989	
Japan	1	ORD	ACC	Abandoned	000501/84	05-Jan-1984	1769612	30-Jun-1993	05-Jan-2004
Japan	2	DIV	ACC	Abandoned	198768/88	09-Aug-1988			
Korea, Republic of	1	ORD	ACC	Abandoned	8400018	05-Jan-1984	9205692	13-Jul-1992	
Mexico	1	ORD	PEPE	ABANDONED	19840199948	03-Jan-1984	160267	24-Jan-1990	
Mexico	2	ORD	PEPE	Granted	16726	07-Jul-1989	177379	28-Mar-1995	07-Jul-2009
South Africa	1	ORD	ACC	Abandoned	83/9643	28-Dec-1983	83/9643	24-Dec-1984	
United States of America	1	PRI	PEPE	Expired	455865	05-Jan-1983	4642968	17-Feb-1987	17-Feb-2004
United States of America	2	CON	PEPE	Expired	627703	03-Jul-1984	4667454	26-May-1987	26-May-2004
United States of America	3	CON	PEPE	Granted	023419	09-Mar-1987	4880129	14-Nov-1989	14-Nov-2006

PATENT

REEL: 019084 FRAME: 0605

Case Number: IR6175

Title: Flow stream channel splitter devices for multi-coinjection nozzle
injection molding machines

Client: Packaging NA - Bottles Group

Disclosure Status: Filed

Disclosure Date:

Attorney(s): JG

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
Argentina	1	ORD	ACC	ABANDONED	296306		247352		
Australia	1	ORD	ACC	Expired	26787/84	12-Apr-1984	577042	15-Sep-1988	20-Jan-1994
Australia	2	DIV	ACC	Expired	25984/88	29-Nov-1988	609220	26-Apr-1991	20-Jan-1994
Australia	3	DIV	ACC	Expired	25985/88	29-Nov-1988	609221	26-Apr-1991	20-Jan-1994
Australia	4	DIV	ACC	Expired	25986/88	29-Nov-1988	609542	02-May-1991	20-Jan-1994
Australia	5	DIV	ACC	Expired	25987/88	29-Nov-1988	609543	02-May-1991	20-Jan-1994
Australia	6	DIV	ACC	Expired	25989/88	29-Nov-1988	609222	26-Apr-1991	20-Jan-1994
Austria	1e	EPC	ACC	Abandoned	84302454	11-Apr-1984	65957	15-Aug-1991	11-Apr-1993
Brazil	1	ORD	ACC	EXPIRED	P18401715	12-Apr-1984			
Canada	1	ORD	ACC	Expired	451817	12-Apr-1984	1223706	07-Jul-1987	07-Jul-2004
European Patent Convention	1e	ORD	ACC	National	84302454.8	11-Apr-1984	0125787	22-Mar-2000	
European Patent Convention	2e	DIV	ACC	Abandoned	88201950.8	11-Apr-1984			15-Sep-1993
European Patent Convention	3e	DIV		Abandoned	88201951.6	11-Apr-1984			31-Aug-1994
European Patent Convention	4e	DIV	ACC	Abandoned	88201952.4	11-Apr-1984			15-Sep-1993
European Patent Convention	5e	DIV		Abandoned	88201953.2	11-Apr-1984			21-Sep-1994
European Patent Convention	6e	DIV	ACC	Abandoned	88201954.0	11-Apr-1984			12-Aug-1992
European Patent Convention	7e	DIV		Abandoned	88201955.7	11-Apr-1984			12-Oct-1994
France	1e	EPC	ACC	Expired	84302454.8	11-Apr-1984	0125787	22-Mar-2000	11-Apr-2004

PATENT

Master List

Case Number: IR6175

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
Germany	1e	EPC	ACC	Expired	84302454.8	11-Apr-1984	3484881	12-Sep-1991	11-Apr-2004
Greece	1	ORD	ACC	Expired	7439884	12-Apr-1984			
Israel	1	ORD	ACC	Expired	71528	12-Apr-1984	71528	25-May-1992	
Israel	2	DIV	ACC	Expired	88220	28-Oct-1988	88220	25-May-1992	
Israel	3	DIV	ACC	Expired	88215	28-Oct-1988	88215	25-May-1992	
Israel	4	DIV	ACC	Expired	88216	28-Oct-1988	88216	25-May-1992	
Israel	5	DIV	ACC	Expired	88217	28-Oct-1988	88217	25-May-1992	
Israel	6	DIV	ACC	Expired	88218	28-Oct-1988	88218	25-May-1992	
Israel	7	DIV	ACC	Expired	88219	28-Oct-1988	88219	25-May-1992	
Italy	1e	EPC	ACC	Expired	84302454.8	11-Apr-1984	0125787	22-Mar-2000	11-Apr-2004
Japan	1	ORD	ACC	Abandoned	075666/84	13-Apr-1984	1787414	10-Sep-1993	
Japan	2	DIV	ACC	Pending	066573/92	06-Feb-1992			
Japan	3	DIV	ACC	Pending	066574/92	06-Feb-1992			
Japan	4	DIV	ACC	Pending	066575/92	06-Feb-1992			
Japan	5	DIV	ACC	Pending	066589/92	06-Feb-1992			
Japan	6	DIV	ACC	Pending	066590/92	06-Feb-1992			
Japan	7	DIV	ACC	Abandoned	066591/92	06-Feb-1992			13-Apr-2004
Japan	8	DIV	ACC	ABANDONED	210598/92	30-Jun-1992	2505353	05-Jun-1996	13-Apr-2004
Mexico	1	ORD	ACC	Expired	200961	10-Apr-1984	162233	12-Apr-1991	12-Apr-2005
Portugal	1	ORD	ACC	Expired	78406	11-Apr-1984	78406	28-Aug-1986	11-Apr-2004
Spain	1	ORD	ACC	Granted	53160884	13-Apr-1984	8600619	16-Jan-1986	16-Jan-2006
Spain	2	DIV	ACC	Expired	54419685	14-Jun-1985	8701585	01-Mar-1987	13-Apr-2004
United Kingdom	1e	EPC	ACC	Expired	84302454.8	11-Apr-1984	0125787	22-Mar-2000	11-Apr-2004
United States of America	1	PRI	ACC	Expired	484441	13-Apr-1983	4511528	16-Apr-1985	13-Apr-2003

PATENT

Case Number: IR6177

Title: Apparatus for injection molding and injection blow molding multi-layer articles

Client: Packaging NA - Bottles Group

Disclosure Status: Filed

Disclosure Date:

Attorney(s): JG

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
Canada	1	ORD	ACC	Granted	451813	12-Apr-1984	1256257	27-Jun-1989	27-Jun-2006
Canada	2	DIV	ACC	Granted	597073	18-Apr-1989	1303806	23-Jun-1992	23-Jun-2009
Mexico	1	ORD	PPPI	Granted	24254	23-Jan-1991	181239	29-Mar-1996	23-Jan-2011
South Africa	1	ORD	ACC	Expired	84/2782	13-Apr-1984	84/2782	28-Nov-1984	13-Apr-2004
United States of America	1	PRI	PEPE	Granted	484707	13-Apr-1983	4712990	15-Dec-1987	15-Dec-2004
United States of America	10	CON	PEPE	Granted	394295	16-Aug-1989	4925100	15-May-1990	15-May-2007
United States of America	11	CON	PEPE	Granted	397348	22-Aug-1989	4946365	07-Aug-1990	07-Aug-2007
United States of America	12	CON	PEPE	Granted	563169	03-Aug-1990	5037285	06-Aug-1991	06-Aug-2008
United States of America	13	CON	ACC	Abandoned	740749	05-Aug-1991			
United States of America	14	CON	PEPE	Granted	341700	18-Nov-1994	5523045	04-Jun-1996	04-Jun-2013
United States of America	15	CON	PEPE	Granted	657622	29-May-1996	5853772	29-Dec-1998	15-Dec-2004
United States of America	16	CON	PEPE	Granted	654569	29-May-1996	6194041	27-Feb-2001	
United States of America	17	CON	PEPE	Granted	657656	30-May-1996	5975871	02-Nov-1999	13-Apr-2003
United States of America	18	CON	PEPE	Granted	655951	31-May-1996	5968558	19-Oct-1999	
United States of America	19	CON	PEPE	Granted	220327	23-Dec-1998	6095785	01-Aug-2000	

PATENT

Case Number: IR6177

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
United States of America	2	CON	PEPE	Granted	907847	15-Sep-1986	4934915	19-Jun-1990	19-Jun-2007
United States of America	20	CON	PEPE	Granted	268873	16-Mar-1999	6129960	10-Oct-2000	13-Apr-2003
United States of America	21	CON	PEPE	Granted	526438	15-Mar-2000	6332767	25-Dec-2001	13-Apr-2003
United States of America	22	CON	ACC	Abandoned	629375	31-Jul-2000			
United States of America	3	DIV	PEPE	Granted	909282	19-Sep-1986	4895504	23-Jan-1990	23-Jan-2007
United States of America	4	DIV	ACC	Abandoned	909402	19-Sep-1986			
United States of America	5	DIV	PEPE	Granted	909403	19-Sep-1986	4931246	05-Jun-1990	05-Jun-2007
United States of America	6	DIV	PEPE	Granted	909404	19-Sep-1986	4745013	17-May-1988	17-May-2005
United States of America	7	DIV	PEPE	Granted	909288	19-Sep-1986	4892699	09-Jan-1990	09-Jan-2007
United States of America	8	DIV	ACC	Abandoned	909941	19-Sep-1986			
United States of America	9	CON	ACC	Abandoned	283000	02-Dec-1988			

PATENT

REEL: 019084 FRAME: 0609

Master List

Case Number: IR6221

Title: Barrier composition and articles made therefrom

Client: Packaging NA - Bottles Group

Disclosure Status: Filed

Disclosure Date:

Attorney(s): JG

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
Patent Cooperation Treaty	1w	ORD	ANCC	National	US94/12123	21-Oct-1994			
United States of America	1	PRI	PEPE	Granted	472400	31-Jan-1990	5281360	25-Jan-1994	25-Jan-2011
United States of America	10	CON	ANCC	Abandoned	871834	01-Jun-2001			
United States of America	11	CON	ANCC	Abandoned	355953	31-Jan-2003			27-May-2004
United States of America	12	DIV	PEPE	PENDING	478214				
United States of America	13	DIV	PEPE	PENDING	488628				
United States of America	14	CON	PEPE	Abandoned	045719	07-Nov-2001			
United States of America	15	CON	PEPE	Pending	994891	22-Nov-2004			
United States of America	2	CIP	PEPE	Granted	761490	18-Sep-1991	5314987	24-May-1994	24-May-2011
United States of America	3	CON	ANCC	Abandoned	127581	28-Sep-1993			
United States of America	4	CIP	ANCC	Abandoned	142663	25-Oct-1993			
United States of America	5	CON	ANCC	Abandoned	248065	23-May-1994			
United States of America	6	CON	PEPE	Granted	486144	07-Jun-1995	5866649	02-Feb-1999	02-Feb-2016
United States of America	7	CIP	PEPE	Granted	999901	24-Dec-1997	6288161	11-Sep-2001	31-Jan-2010

PATENT

Case Number: IR6221

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
United States of America	8	DIV	PEPE	Granted	453782	03-Dec-1999	6239210	29-May-2001	31-Jan-2010
United States of America	9	CON	ANCC	Abandoned	941873	30-Sep-1997			

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Case Number: IR6226

Title: Method of packaging products in plastic containers

Client: Packaging NA - Bottles Group

Disclosure Status: Filed

Disclosure Date:

Attorney(s): JG

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
United States of America	1	PRI		Abandoned	639974	11-Jan-1991			
United States of America	2	CON	PEPE	Granted	863157	02-Apr-1992	5251424	12-Oct-1993	11-Jan-2011

Case Number: IR6237

Title: IMPROVED BARRIER COMPOSITIONS AND ARTICLES MADE THEREFROM

Client: Packaging NA - Bottles Group

Disclosure Status: Filed

Disclosure Date:

Attorney(s): JG

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
Australia	1w	PCT	ANCC	Granted	79838/94	21-Oct-1994	692480	05-Nov-1998	21-Oct-2014
Canada	1w	PCT	ANCC	Granted	2175051	21-Oct-1994	2175051	13-Dec-2005	21-Oct-2014
European Patent Convention	1w	PCT	ANCC	Granted	94930837.3	21-Oct-1994		12-Oct-2005	21-Oct-2014
Mexico	1w	ORD	ANCC	Pending	08237	25-Oct-1993			
New Zealand	1w	PCT	ANCC	Granted	275751	21-Oct-1994	275751	24-Feb-1997	

PATENT

REEL: 019084 FRAME: 0613

Case Number: IR6260

Title: Multilayer plastic container and method of making the same

Client: Packaging NA - Bottles Group

Disclosure Status: Filed

Disclosure Date:

Attorney(s): JG

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
Argentina	1	ORD	ANCC	Granted	P980105099	13-Oct-1998	AR017333BI	15-Sep-2005	13-Oct-2018
Australia	1w	PCT	PEPE	GRANTED	96894/98	08-Oct-1998	749723	04-Jul-2002	
Austria	1w	EPC	ANCC	Abandoned	98950991	08-Oct-1998	242730	15-Jun-2003	11-Jun-2003
European Patent Convention	1w	PCT	ANCC	National	98950991.4	08-Oct-1998	1023226	11-Jun-2003	
France	1	DES	ANCC	Pending	982300	14-Apr-1998			
France	1w	EPC	ANCC	GRANTED	98950991.4	08-Oct-1998	1023226	11-Jun-2003	08-Oct-2018
Germany	1w	EPC	ANCC	GRANTED	98950991.4	08-Oct-1998	69815545	29-Apr-2004	
Germany	2	DES	ANCC	Granted	M9803642	14-Apr-1998	M9803642	25-Nov-1998	14-Apr-2018
Japan	1w	PCT	PEPE	PENDING	2000-515802	08-Oct-1998			
Mexico	1w	PCT	ANCC	Granted	003600	08-Oct-1998	222588	08-Sep-2004	08-Oct-2018
New Zealand	1w	PCT	PEPE	GRANTED	503891	08-Oct-1998	503891	30-Nov-2001	
Patent Cooperation Treaty	1w	ORD	ANCC	National	US98/21179	08-Oct-1998			
South Africa	1	ORD	ANCC	Granted	98/9344	13-Oct-1998	98/9344	31-May-1999	
United Kingdom	1	DES	ANCC	Granted	2073892	14-Apr-1998	2073892	24-Aug-1998	14-Apr-2008
United Kingdom	1w	EPC	ANCC	GRANTED	98950991.4	08-Oct-1998	1023226	11-Jun-2003	08-Oct-2018
United States of America	1	PRI	PEPE	Granted	949340	14-Oct-1997	6123211	26-Sep-2000	14-Oct-2017
United States of America	2	DIV	PEPE	Granted	195319	18-Nov-1998	6280679	28-Aug-2001	14-Oct-2017
United States of America	3	DIV	PEPE	Granted	232353	15-Jan-1999	6521159	18-Feb-2003	14-Oct-2017
United States of America	4	CON	PEPE	Granted	861791	21-May-2001	6419874	16-Jul-2002	14-Oct-2017

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Case Number: IR6260

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
United States of America	5	DIV	ANCC	Abandoned	195301	18-Nov-1998			
United States of America	6	CON	ANCC	Abandoned	628813	31-Jul-2000			

Case Number: IR6265

Title: Transparent multilayer polypropylene container with barrier protection
(US Priority) foreign applications under IR6276

Client: Packaging NA - Bottles Group

Disclosure Status: Filed

Disclosure Date:

Attorney(s): JG

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
United States of America	1	PRO	PEPE	Expired	082118	17-Apr-1998			
United States of America	2	CIP	PEPE	Granted	293401	16-Apr-1999	6677013	13-Jan-2004	
United States of America	3	CON	PEPE	Abandoned	539529	30-Mar-2000			
United States of America	4	RCE	PEPE	PENDING	901427	09-Jul-2001			
United States of America	5	RCE	PEPE	Pending	607654	27-Jun-2003			

PATENT

REEL: 019084 FRAME: 0616

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Case Number: IR6267

Title: Multilayer injection nozzle assembly

Client: Packaging NA - Bottles Group

Disclosure Status: Filed

Disclosure Date:

Attorney(s): JG

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
United States of America	1	PRI	PEPE	Abandoned	086994	29-May-1998			
United States of America	2	CON	PEPE	Granted	932699	17-Aug-2001	6524089	25-Feb-2003	29-May-2018

Case Number: IR6271

Title: PLASTIC BOTTLE -12 oz stock beer bottle

Client: Packaging NA - Bottles Group

Disclosure Status: Filed

Disclosure Date:

Attorney(s): JG

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
Canada	1	DES		Granted	1999-0305	04-Feb-1999	88576	28-Jan-2000	28-Jan-2010
Mexico	1	DES		Granted	990245	23-Feb-1999	13474	01-Feb-2002	23-Feb-2014
United States of America	1	PDS		Abandoned	092707	25-Aug-1998			25-Feb-1999

Case Number: IR6272**Title:** BOTTLE**Client:** Packaging NA - Bottles Group**Disclosure Status:** Filed**Disclosure Date:****Attorney(s):** JG

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
France	1	DES		Granted	991209	22-Feb-1999	991209	25-Jun-1999	22-Feb-2024
Germany	1	DES	ANCC	Abandoned	49901939.3	25-Feb-1999	49901939.3	30-Jul-1999	25-Feb-2019
Italy	1	DES		Granted	990000031	24-Feb-1999	75317	12-Mar-2002	24-Feb-2024
Spain	1	DES	ANCC	Granted	144838	25-Feb-1999	144838	11-Nov-1999	11-Nov-2019
United Kingdom	1	DES	ANCC	Granted	2081447	25-Feb-1999	2081447	01-Jun-1999	25-Feb-2009
United States of America	1	PDS	ANCC	Abandoned	092704	25-Aug-1998			25-Feb-1999

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Case Number: IR6273**Title:** BOTTLE**Client:** Packaging NA - Bottles Group**Disclosure Status:** Filed**Disclosure Date:****Attorney(s):** JG

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
France	1	DES		Granted	990851	08-Feb-1999	990851	25-Jun-1999	08-Feb-2024
Germany	1	DES	ANCC	Abandoned	49901939.3	25-Feb-1999	49901939.3	30-Jul-1999	25-Feb-2019
Italy	1	DES		Granted	99O000030	22-Feb-1999	75316	12-Mar-2002	22-Feb-2024
United Kingdom	1	DES	ANCC	Granted	2080972	08-Feb-1999	2080972	14-Jun-1999	08-Feb-2009
United States of America	1	PDS	ANCC	Abandoned	092706	25-Aug-1998			25-Feb-1999

PATENT

REEL: 019084 FRAME: 0620

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Case Number: IR6274

Title: Plastic container having base with annular wall and method of making
the same

Client: Packaging NA - Bottles Group

Disclosure Status: Filed

Disclosure Date:

Attorney(s): JG

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
Australia	1	ORD	PEPE	ABANDONED	53601/99	12-Oct-1999			
Canada	1	ORD	PEPE	ABANDONED	2285908	14-Oct-1999			
European Patent Convention	1	ORD	PEPE	ABANDONED	99308124.9	14-Oct-1999			
South Africa	1	ORD	ANCC	Granted	99/6481	13-Oct-1999	99/6481	28-Jun-2000	13-Oct-2019
United States of America	1	PRI	PEPE	Granted	172345	14-Oct-1998	6176382	23-Jan-2001	14-Oct-2018
United States of America	2	CON	ANCC	Abandoned	756619	08-Jan-2001			

PATENT

REEL: 019084 FRAME: 0621

Master List

Case Number: IR6275

Title: Multiple in-line parison control

Client: Packaging NA - Bottles Group

Disclosure Status: Filed

Disclosure Date:

Attorney(s): JG

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
Albania	1e	EPC	PPPI	Abandoned	99309118.0	16-Nov-1999			
Austria	1e	EPC	PPPI	Abandoned	99309118.0	16-Nov-1999	0267686	26-May-2004	16-Nov-2019
Belgium	1e	EPC	PPPI	Abandoned	99309118.0	16-Nov-1999			
Canada	1	ORD	PPPI	PENDING	2290002	17-Nov-1999			
Cyprus, Republic of	1e	EPC	PPPI	Abandoned	99309118.0	16-Nov-1999			
Denmark	1e	EPC	PPPI	Abandoned	99309118.0	16-Nov-1999			
European Patent Convention	1e	ORD	PPPI	National	99309118.0	16-Nov-1999	1002635	26-May-2004	16-Nov-2019
Finland	1e	EPC	PPPI	Abandoned	99309118.0	16-Nov-1999			
France	1e	EPC	PPPI	Granted	99309118.0	16-Nov-1999	1002635	26-May-2004	16-Nov-2019
Germany	1e	EPC	PPPI	Granted	99309118.0	16-Nov-1999	69917563.1	26-May-2004	16-Nov-2019
Greece	1e	EPC	PPPI	Abandoned	99309118.0	16-Nov-1999			
Ireland	1e	EPC	PPPI	Abandoned	99309118.0	16-Nov-1999	1002635	26-May-2004	16-Nov-2019
Italy	1e	EPC	PPPI	Abandoned	99309118.0	16-Nov-1999			
Latvia	1e	EPC	PPPI	Abandoned	99309118.0	16-Nov-1999			
Lithuania	1e	EPC	PPPI	Abandoned	99309118.0	16-Nov-1999			
Luxembourg	1e	EPC	PPPI	Abandoned	99309118.0	16-Nov-1999			
Macedonia	1e	EPC	PPPI	Abandoned	99309118.0	16-Nov-1999			
Monaco	1e	EPC	PPPI	Abandoned	99309118.0	16-Nov-1999			
Netherlands	1e	EPC	PPPI	Abandoned	99309118.0	16-Nov-1999			
Portugal	1e	EPC	PPPI	Abandoned	99309118.0	16-Nov-1999			
Romania	1e	EPC	PPPI	Abandoned	99309118.0	16-Nov-1999			
Slovenia	1e	EPC	PPPI	Abandoned	99309118.0	16-Nov-1999			
Spain	1e	EPC	PPPI	Abandoned	99309118.0	16-Nov-1999			

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Case Number: IR6275

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
Sweden	1e	EPC	PPPI	Abandoned	99309118.0	16-Nov-1999			
Switzerland	1e	EPC	PPPI	Abandoned	99309118.0	16-Nov-1999			
United Kingdom	1e	EPC	PPPI	Granted	99309118.0	16-Nov-1999	1002635	26-May-2004	16-Nov-2019
United States of America	1	PRI	PPPI	Granted	193677	17-Nov-1998	6113841	05-Sep-2000	17-Nov-2018
United States of America	2	CON	PPPI	Granted	629473	31-Jul-2000	6345973	12-Feb-2002	17-Nov-2018

Case Number: IR6276

Title: TRANSPARENT MULTILAYER POLYPROPYLENE CONTAINER
WITH BARRIER PROTECTION (Foreign priority US applications
under IR6265)

Client: Packaging NA - Bottles Group

Disclosure Status: Filed

Disclosure Date:

Attorney(s): JG

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
Australia	1w	PCT	PPPI	Granted	42452/00	14-Apr-2000	761877	12-Jun-2003	
Austria	1w	EPP	PPPI	Granted	00922234.0	14-Apr-2000	1202914	23-Jun-2004	14-Apr-2020
Brazil	1w	PCT	PPPI	PENDING	PI0011136	14-Apr-2000			
Canada	1w	PCT	PPPI	PENDING	2370378	14-Apr-2000			
Denmark	1w	EPP	PPPI	Granted	00922234.0	14-Apr-2000	1202914	23-Jun-2004	14-Apr-2020
European Patent Convention	1w	PCT	PPPI	Opposed	00922234.0	14-Apr-2000	1202914	23-Jun-2004	14-Apr-2020
Finland	1w	EPP	PPPI	Granted	00922234.0	14-Apr-2000	1202914	23-Jun-2004	14-Apr-2020
France	1w	EPP	PPPI	Granted	00922234.0	14-Apr-2000	1202914	23-Jun-2004	14-Apr-2020
Germany	1w	EPP	PPPI	Granted	00922234.0	14-Apr-2000	1202914	23-Jun-2004	14-Apr-2020
Ireland	1w	EPP	PPPI	Granted	00922234.0	14-Apr-2000	1202914	23-Jun-2004	14-Apr-2020
Italy	1w	EPP	PPPI	Granted	00922234.0	14-Apr-2000	1202914	23-Jun-2004	14-Apr-2020
Japan	1w	PCT	PPPI	PENDING	2000-612190	14-Apr-2000			
Korea, Republic of	1	ORD	PPPI	PENDING	2001-7013199				
Mexico	1w	PCT	PPPI	Pending	2001010438	14-Apr-2000			
New Zealand	1w	PCT	PPPI	GRANTED	514992	14-Apr-2000	514992	28-Nov-2003	
Patent Cooperation Treaty	1w	ORD	PPPI	National	US00/10153	14-Apr-2000			
South Africa	1w	PCT	PPPI	Granted	2001/8338	14-Apr-2000	2001/8338	10-Jan-2003	14-Apr-2020
Spain	1w	EPP	PPPI	Granted	00922234.0	14-Apr-2000	1202914	23-Jun-2004	14-Apr-2020
Sweden	1w	EPP	PPPI	Granted	00922234.0	14-Apr-2000	1202914	23-Jun-2004	14-Apr-2020
Switzerland	1w	EPP	PPPI	Granted	00922234.0	14-Apr-2000	1202914	23-Jun-2004	14-Apr-2020
United Kingdom	1w	EPP	PPPI	Granted	00922234.0	14-Apr-2000	1202914	23-Jun-2004	14-Apr-2020

PATENT

Case Number: IR6276

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
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Master List

Case Number: IR6281

Title: Plastic container with horizontal annular ribs

Client: Packaging NA - Bottles Group

Disclosure Status: Filed

Disclosure Date:

Attorney(s): JG

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
Australia	1w	PCT	PEPE	Abandoned	66369/00	14-Aug-2000			02-May-2002
European Patent Convention	1w	PCT	PEPE	PENDING	00954010.5	14-Aug-2000			
Patent Cooperation Treaty	1w	ORD	PEPE	National	US00/22122	14-Aug-2000			12-Feb-2002
United States of America	1	PRI	PEPE	Granted	373496	12-Aug-1999	6230912	15-May-2001	12-Aug-2019
United States of America	2	CON	PEPE	Granted	783470	14-Feb-2001	6296131	02-Oct-2001	12-Aug-2019

PATENT

REEL: 019084 FRAME: 0626

Case Number: IR6282

Title: Injection gate insulating and cooling apparatus

Client: Packaging NA - Bottles Group

Disclosure Status: Filed

Disclosure Date:

Attorney(s): JG

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
Australia	1w	PCT	PEPE	Abandoned	19530/01	07-Dec-2000			15-Aug-2002
Patent Cooperation Treaty	1w	ORD	PEPE	National	US00/33219	07-Dec-2000			
United States of America	1	PRI	PEPE	Granted	457547	09-Dec-1999	6264460	24-Jul-2001	09-Dec-2019
United States of America	2	CON	PEPE	Granted	897154	29-Jun-2001	6422857	23-Jul-2002	09-Dec-2019

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Case Number: IR6286**Title:** CONTAINERS HAVING IMPROVED BARRIER AND
MECHANICAL PROPERTIES**Client:** Packaging NA - Bottles Group**Disclosure Status:** Filed**Disclosure Date:****Attorney(s):** JG

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
Argentina	1	ORD	PEPE	Pending	P010102234	11-May-2001			
Australia	1w	PCT	PEPE	Abandoned	63041/01	10-May-2001			
Canada	1w	PCT	PEPE	PENDING	2408741	10-May-2001			
European Patent Convention	1w	PCT	PEPE	PENDING	01937290.3	10-May-2001			
Patent Cooperation Treaty	1w	ORD	PEPE	National	US01/15161	10-May-2001			12-Nov-2002
United States of America	1	PRI	PEPE	Granted	569569	12-May-2000	6841211	11-Jan-2005	12-May-2020

PATENT

REEL: 019084 FRAME: 0628

Master List

Case Number: IR6307

Title: Mold clamping apparatus

Client: Packaging NA - Bottles Group

Disclosure Status: Filed

Disclosure Date:

Attorney(s): JG

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
Canada	1w	PCT	PEPE	Pending	2489612	13-Jun-2003			13-Jun-2023
Patent Cooperation Treaty	1w	ORD	PEPE	National	US03/18982	13-Jun-2003			13-Dec-2004
United States of America	1	PRI	PEPE	Granted	170769	13-Jun-2002	6749419	15-Jun-2004	13-Jun-2022

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Case Number: IR6309**Title:** Segmented wheel disk for extrusion blowmolding apparatus**Client:** Packaging NA - Bottles Group**Disclosure Status:** Filed**Disclosure Date:****Attorney(s):** JG

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
Canada	1w	PCT	PEPE	Pending	2492300	11-Jul-2003			11-Jul-2023
Patent Cooperation Treaty	1w	ORD	PEPE	National	US03/22108	11-Jul-2003			11-Jan-2005
United States of America	1	PRI	PEPE	Granted	193372	11-Jul-2002	6773251	10-Aug-2004	11-Jul-2022

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Case Number: IR6312

Title: RAISED SEAL SURFACE FOR CONTAINER

Client: Packaging NA - Bottles Group

Disclosure Status: Filed

Disclosure Date:

Attorney(s): JG

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
Australia	1W	PCT	PEPE	Pending	2004223915	18-Mar-2004			18-Mar-2024
Canada	1W	PCT	PEPE	Pending	2519838	18-Mar-2004			18-Mar-2024
European Patent Convention	1W	PCT	PEPE	Pending	04757822.4	18-Mar-2004			18-Mar-2024
Japan	1W	PCT		Pending		18-Mar-2004			18-Mar-2024
Korea, Republic of	1W	PCT	PEPE	Pending	10-2005-7017713	18-Mar-2004			18-Mar-2024
New Zealand	1W	PCT	PEPE	Pending	542901	18-Mar-2004			18-Mar-2024
Patent Cooperation Treaty	1W	ORD	PEPE	National	US04/08317	18-Mar-2004			21-Sep-2005
United States of America	1	PRI	PEPE	Granted	394626	21-Mar-2003	6823651	30-Nov-2004	21-Mar-2023

PATENT

REEL: 019084 FRAME: 0631

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Case Number: IR6326

Title: Combined bottle and hanging tab

Client: Packaging NA - Bottles Group

Disclosure Status: Filed

Disclosure Date:

Attorney(s): JG

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
United States of America	1	PDS	ANCC	Granted	001274	07-Jan-1987	322214	10-Dec-1991	10-Dec-2005

Case Number: IR6333

Title: Bottle

Client: Packaging NA - Bottles Group

Disclosure Status: Filed

Disclosure Date:

Attorney(s): JG

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
United States of America	1	PDS	ANCC	Granted	300415	23-Jan-1989	322396	17-Dec-1991	17-Dec-2005

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Case Number: IR6334

Title: PLASTIC OIL BOTTLE

Client: Packaging NA - Bottles Group

Disclosure Status: Filed

Disclosure Date:

Attorney(s): JG

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
United States of America	1	PDS	PEPE	Granted	300354	29-Jan-1989	321651	19-Nov-1991	19-Nov-2005

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Case Number: IR6335

Title: Bottle

Client: Packaging NA - Bottles Group

Disclosure Status: Filed

Disclosure Date:

Attorney(s): JG

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
United States of America	1	PDS	BMSC	Granted	021638	21-Apr-1994	360582	25-Jul-1995	25-Jul-2009

PATENT

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Case Number: IR6336

Title: Container
Client: Packaging NA - Bottles Group
Disclosure Status: Filed
Disclosure Date:
Attorney(s): JG

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
United States of America	1	PDS	PEPE	Granted	096778	19-Nov-1998	435455	26-Dec-2000	26-Dec-2014

Master List

Case Number: IR6337

Title: Container

Client: Packaging NA - Bottles Group

Disclosure Status: Filed

Disclosure Date:

Attorney(s): JG

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
United States of America	1	PDS	PEPE	Granted	097264	02-Dec-1998	423366	25-Apr-2000	25-Apr-2014

Case Number: IR6338

Title: Container

Client: Packaging NA - Bottles Group

Disclosure Status: Filed

Disclosure Date:

Attorney(s): JG

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
United States of America	1	PDS	ANCC	Granted	099206	15-Jan-1999	419886	01-Feb-2000	01-Feb-2014

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Case Number: IR6339

Title: Plastic container

Client: Packaging NA - Bottles Group

Disclosure Status: Filed

Disclosure Date:

Attorney(s): JG

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
United States of America	1	PDS	PEPE	Granted	108881	05-Aug-1999	448671	02-Oct-2001	02-Oct-2015

Case Number: IR6340

Title: Plastic container

Client: Packaging NA - Bottles Group

Disclosure Status: Filed

Disclosure Date:

Attorney(s): JG

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
United States of America	1	PDS	PPPI	Granted	108880	05-Aug-1999	426164	06-Jun-2000	06-Jun-2014
United States of America	2	DES	PPPI	Granted	119239	26-Feb-2000	455656	16-Apr-2002	16-Apr-2016

Master List

Case Number: IR6341**Title:** Plastic container**Client:** Packaging NA - Bottles Group**Disclosure Status:** Filed**Disclosure Date:****Attorney(s):** JG

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
United States of America	1	PDS	PEPE	Granted	112766	22-Oct-1999	432423	24-Oct-2000	24-Oct-2014

PATENT

REEL: 019084 FRAME: 0641

Master List

Case Number: IR6342

Title: Plastic container

Client: Packaging NA - Bottles Group

Disclosure Status: Filed

Disclosure Date:

Attorney(s): JG

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
United States of America	1	PDS	PEPE	Granted	118821	16-Feb-2000	453003	22-Jan-2002	22-Jan-2016
United States of America	2	CON	PEPE	Granted	145729	27-Jul-2001	457435	21-May-2002	16-Feb-2020

Case Number: IR6343

Title: Container

Client: Packaging NA - Bottles Group

Disclosure Status: Filed

Disclosure Date:

Attorney(s): JG

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
United States of America	1	PDS	PEPE	Granted	119063	23-Feb-2000	450244	13-Nov-2001	13-Nov-2015

Case Number: IR6344

Title: Plastic container

Client: Packaging NA - Bottles Group

Disclosure Status: Filed

Disclosure Date:

Attorney(s): JG

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
United States of America	1	PDS	PEPE	Granted	119042	23-Feb-2000	445693	31-Jul-2001	31-Jul-2015

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Case Number: IR6345

Title: Container

Client: Packaging NA - Bottles Group

Disclosure Status: Filed

Disclosure Date:

Attorney(s): JG

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
United States of America	1	PDS	PEPE	Granted	119041	23-Feb-2000	445339	24-Jul-2001	24-Jul-2015

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Case Number: IR6346

Title: Container

Client: Packaging NA - Bottles Group

Disclosure Status: Filed

Disclosure Date:

Attorney(s): JG

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
United States of America	1	PDS	PEPE	Granted	120973	29-Mar-2000	446458	14-Aug-2001	14-Aug-2015

PATENT

REEL: 019084 FRAME: 0646

Case Number: IR6347

Title: Container
Client: Packaging NA - Bottles Group
Disclosure Status: Filed
Disclosure Date:
Attorney(s): JG

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
United States of America	1	PDS	PEPE	Granted	120970	29-Mar-2000	445694	31-Jul-2001	31-Jul-2015

Case Number: IR6348

Title: Container

Client: Packaging NA - Bottles Group

Disclosure Status: Filed

Disclosure Date:

Attorney(s): JG

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
United States of America	1	PDS	PEPE	Granted	125208	20-Jun-2000	448675	02-Oct-2001	02-Oct-2015

Master List

Case Number: IR6349**Title:** Container (10 oz stock juice)**Client:** Packaging NA - Bottles Group**Disclosure Status:** Filed**Disclosure Date:****Attorney(s):** JG

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
United States of America	1	PDS	PEPE	Granted	143233	08-Jun-2001	466021	26-Nov-2002	26-Nov-2016

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Case Number: IR6350

Title: Container (6 oz Geber Graduates)

Client: Packaging NA - Bottles Group

Disclosure Status: Filed

Disclosure Date:

Attorney(s): JG

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
United States of America	1	PDS	PEPE	Granted	144368	29-Jun-2001	466813	10-Dec-2002	10-Dec-2016

Master List

Case Number: IR6351

Title: Container (8 oz Gerber)

Client: Packaging NA - Bottles Group

Disclosure Status: Filed

Disclosure Date:

Attorney(s): JG

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
United States of America	1	PDS	PEPE	Granted	144370	29-Jun-2001	466024	26-Nov-2002	26-Nov-2016

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Case Number: IR6352

Title: Container (Ocean Spray Bar Mix Jar)

Client: Packaging NA - Bottles Group

Disclosure Status: Filed

Disclosure Date:

Attorney(s): JG

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
United States of America	1	PDS	PEPE	Granted	144408	29-Jun-2001	466019	26-Nov-2002	26-Nov-2016

Case Number: IR6353

Title: Container (4 oz Gerber Jar)

Client: Packaging NA - Bottles Group

Disclosure Status: Filed

Disclosure Date:

Attorney(s): JG

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
United States of America	1	PDS	PEPE	Granted	148423	20-Sep-2001	466817	10-Dec-2002	10-Dec-2016

Master List

Case Number: IR6354

Title: Container - Wide mouth retort

Client: Packaging NA - Bottles Group

Disclosure Status: Filed

Disclosure Date:

Attorney(s): JG

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
United States of America	1	PDS	PEPE	Granted	149523	11-Oct-2001	465418	12-Nov-2002	12-Nov-2016

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Case Number: IR6355

Title: Container (22 oz Welch's)

Client: Packaging NA - Bottles Group

Disclosure Status: Filed

Disclosure Date:

Attorney(s): JG

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
United States of America	1	PDS	PEPE	Granted	152560	20-Dec-2001	484808	06-Jan-2004	06-Jan-2018

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Case Number: IR6356

Title: Container (16 oz Juice Design)
Client: Packaging NA - Bottles Group
Disclosure Status: Filed
Disclosure Date:
Attorney(s): JG

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
United States of America	1	PDS	PEPE	Granted	168994	11-Oct-2002	485765	27-Jan-2004	27-Jan-2018

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Case Number: IR6357

Title: CONTAINER (20 oz Juice Design)

Client: Packaging NA - Bottles Group

Disclosure Status: Filed

Disclosure Date:

Attorney(s): JG

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
United States of America	1	PDS	PEPE	Granted	168963	11-Oct-2002	494475	17-Aug-2004	17-Aug-2018

Case Number: IR6358

Title: CONTAINER (Vertical ribbed bottle design)

Client: Packaging NA - Bottles Group

Disclosure Status: Filed

Disclosure Date:

Attorney(s): JG

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
United States of America	1	PDS	PEPE	Granted	187064	25-Jul-2003	498143	09-Nov-2004	09-Nov-2018

Case Number: IR6362

Title: POLYPROPYLENE CONTAINER AND PROCESS FOR MAKING IT

Client: Packaging NA - Bottles Group

Disclosure Status: Filed

Disclosure Date:

Attorney(s): JG

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
Australia	1W	PCT	PEPE	Pending	2002337971	23-Oct-2002			23-Oct-2022
Brazil	1W	PCT	PEPE	Pending	PI0213758-5	23-Oct-2002			
Canada	1W	PCT	PEPE	Pending	2464434	23-Oct-2002			23-Oct-2022
European Patent Convention	1W	PCT	PEPE	Pending	02773876.4	23-Oct-2002			23-Oct-2022
Japan	1W	PCT	PEPE	Pending	2003-537908	23-Oct-2002			23-Oct-2022
Korea, Republic of	1W	PCT	PEPE	Pending	04-7006090	23-Oct-2002			23-Oct-2022
Mexico	1W	PCT	PEPE	Pending	04-003914	23-Oct-2002			23-Oct-2022
New Zealand	1W	PCT	PEPE	Pending	532433	23-Oct-2002			23-Oct-2022
Patent Cooperation Treaty	1W	ORD	PEPE	National	US02/33961	23-Oct-2002			24-Apr-2004
United States of America	1	PRI	PEPE	Pending	046500	24-Oct-2001			

PATENT

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Case Number: IR6531

Title: Polyethylene based barrier container

Client: Packaging NA - Bottles Group

Disclosure Status: Filed

Disclosure Date: 16-Aug-2005

Attorney(s): JG

Country	Sub Case	Case Type	Assignee	Status	Application Number	Filing Date	Patent Number	Issue Date	Expir/Aband Date
United States of America	1	PRI	PEPE	Pending		11-Jan-2006			

PATENT

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RECORDED: 03/30/2007