

ASSIGNMENT

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, is about to make or has made the following patent applications:

PCT Application No. PCT/US17/52727, filed September 21, 2017, titled METHOD OF INVERTING CONTAINER BASE PRIOR TO COOLING.

WHEREAS, Amcor Group GmbH hereinafter referred to as Assignee, is desirous of acquiring all right, title, and interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged, Assignor hereby confirms any prior assignment to Assignee, and to the extent that Assignor has not already done so, agrees to assign, and hereby does, sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and throughout the world, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the inventions as described in the aforesaid application, to the aforesaid application itself, and all divisions, continuations, continuations-in-part, or other applications claiming priority directly or indirectly from the aforesaid application, and any United States or foreign Letters Patent, utility model, or other similar rights which may be granted thereon, including reissues, reexaminations and extensions thereof, and all copyright rights throughout the world in the aforesaid application and the subject matter disclosed therein, these rights, title and interest to be held and enjoyed by Assignee to the full end of the term for which the Letters Patent, utility model, or other similar rights, are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to sue for, and recover for past infringements of, or liabilities for, any of the rights relating to any of the applications, patents, utility models, or other similar rights, resulting therefrom, and the copyright rights.

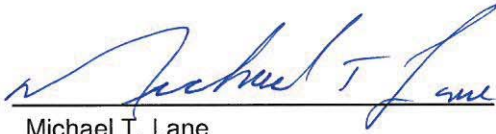
Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights, and for copyright, in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, any derivation proceedings relating thereto, and as to Letters Patent any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, inter partes review, or extension thereof, and for litigation regarding, or for the purpose of defending the validity of or protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee and its successors in interest without further or other compensation than that above set forth.

Assignor hereby covenants that no assignment, sale, license, agreement or encumbrance has been or will be entered into which would conflict with this Assignment.

Assignor further covenants not to challenge, or assist or participate in any third party challenge to, the assigned inventions, or any patent application or patent thereon, whether by litigation, post grant review, inter partes review, covered business method review, reexamination, or otherwise.

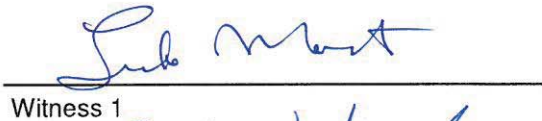
Assignor hereby requests the United States Patent and Trademark Office to issue the Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue the Letters Patent, Utility Model Registration or other similar right to Assignee.

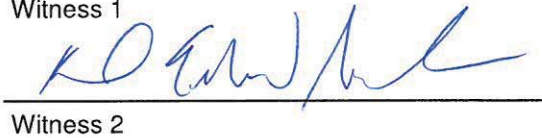
Assignor hereby grants the law firm of Harness, Dickey & Pierce, P.L.C. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.


Michael T. Lane

02 OCT 2017

Dated


Witness 1


Witness 2

22106699.1

Intellectual Property Assignment Agreement

THIS AGREEMENT is made between

- (a) **AMCOR GROUP GMBH**, with its principal place of business at Thurgauerstrasse 34, 8050 Zurich, Switzerland (the "Assignor")
 - and
 - (b) **AMCOR RIGID PLASTICS USA, LLC**, with its registered office at The Corporation Trust Company, 1209 Orange Street, Wilmington DE 19801, United States (the "Assignee"),
- (together, the Assignor and the Assignee are referred to herein as the "Parties").

WHEREAS:

- (i) The Assignor is the owner of certain IP Rights (as further defined below). The Assignee is the current licensee of those IP Rights (pursuant to the 2017 License Agreement, as further defined in clause 5 below).
- (ii) The Assignor wishes to sell, and the Assignee wishes to purchase, the IP Rights.
- (iii) On 21 June 2018, the Parties entered into a certain loan agreement, a copy of which is attached at Annex A, ("**Loan Agreement**") whereby the Assignee loaned to the Assignor ("**Loan**") on the terms set out therein. The Parties wish to use the waiver of the loan as the consideration for the assignment of the IP Rights pursuant to the terms of this Agreement.
- (iv) The Parties have now agreed the following terms relating to the assignment of the IP Rights by the Assignor to the Assignee.

1. ASSIGNMENT OF IP RIGHTS

- 1.1 The Assignor herewith assigns all IP Rights as defined in Annex B, including but not limited to all IP Rights listed in Annex C (as well as any application for IP Rights claiming the benefit of or priority to any of the IP Rights listed in such Annex C, including any continuations, continuations-in-part, divisionals, reissues, re-examination certificates, and the like), with all rights, title, interest, and obligations pertaining thereto and free of any lien, to the Assignee, and the Assignee herewith accepts the assignment.
- 1.2 The parties undertake to execute all documents and do all things that may be necessary to perfect the transfer of ownership in the IP Rights, including making all necessary filings with the relevant authorities in order to record the transfer of ownership on all relevant registers in a timely manner.

2. VALUE OF IP RIGHTS AND CONSIDERATION FOR THE ASSIGNMENT

- 2.1 The purchase consideration to be paid by the Assignee to the Assignor in return for the assignment of the IP Rights (being the full market value of the IP Rights) shall be ("**Consideration**").
- 2.2 The Consideration shall be satisfied in full by the waiver of the Loan which the Parties hereby irrevocably agree to waive with effect from 30 June 2018.

3. REPRESENTATIONS AND WARRANTIES

- 3.1 The Assignor hereby represents and warrants that the information contained in this Agreement is correct and that the Assignor is the sole legal and beneficial owner of the IP Rights, free and clear of any lien or other encumbrance (except as already set out in this Agreement or as otherwise already disclosed to the Assignee).
- 3.2 To the extent permitted by applicable law, there shall be no additional warranty whatsoever with respect to the IP Rights assigned by the Assignor.

4. BENEFITS AND RISKS

The benefit and risk of the assigned IP Rights shall pass to Assignee as of 30 June 2018.

5. OTHER MATTERS

- 5.1 The Parties also previously entered into the following agreements relating to the IP Rights (copies of which are provided at Annexes D and E):
- (a) Intellectual property license agreement dated 30 June 2017 ("**2017 License Agreement**"); and
 - (b) a research and development agreement dated 30 June 2017 ("**2017 R&D Agreement**").
- 5.2 In light of the fact that all of the IP Rights are being transferred by the Assignor to the Assignee pursuant to the terms set out in this Agreement, the Parties agree that with effect from 30 June 2018 each of the 2017 License Agreement and the 2017 R&D Agreement shall be mutually terminated.
- 5.3 The Assignee also acknowledges that certain of the IP Rights are subject to the terms of a license agreement (the "**Plastipak IP License Agreement**") dated 22 October 2007 (a copy of which is provided at Annex F) entered into between La Seda de Barcelona SA (which was subsequently assigned to Plastipak BAWT S.a.r.L.) and Amcor Limited (which was subsequently assigned to the Assignor). With effect from 30 June 2018, the Assignee agrees to be bound by the terms of the Plastipak IP License Agreement as if it were an original party to that agreement in the place of the Assignor.

6. MISCELLANEOUS

- 6.1 No amendment or modifications of this Agreement shall be binding unless in writing and duly executed by authorized representative(s) of both Parties.
- 6.2 No failure to exercise or enforce, or delay in exercising or enforcing, any right or remedy provided by this Agreement or by law will constitute a waiver of that or any other right or remedy, nor will any such failure or delay preclude or restrict any further exercise of that or any other right or remedy.
- 6.3 This Agreement may be executed by the parties in counterparts, each of which is an original and all of which together have the same effect as if each party had signed the same document.

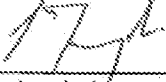
7. APPLICABLE LAW AND COMPETENT COURT

- 7.1 This Agreement is governed by and is to be construed in accordance with the laws of Switzerland.
- 7.2 Each party irrevocably and unconditionally submits to and accepts jurisdiction of the Courts of Switzerland and any Courts which have jurisdiction to hear appeals from any of those Courts and agrees that it will not object to the venue or claim that the relevant proceeding has been brought in an inconvenient forum.

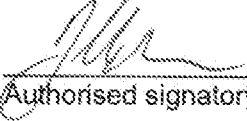
IN WITNESS of which this Agreement has
been duly executed by the Parties.

SIGNED for and on behalf of
AMCOR GROUP GMBH

Executed by Amcor Group GmbH:



Authorised signatory



Authorised signatory *Daniel Clancy*

SIGNED for and on behalf of
AMCOR RIGID PLASTICS USA, LLC

Director

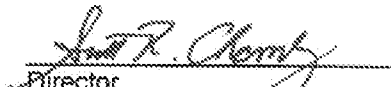
IN WITNESS of which this Agreement has
been duly executed by the Parties.

SIGNED for and on behalf of
AMCOR GROUP GMBH
Executed by Amcor Group GmbH:

Authorised signatory

Authorised signatory

SIGNED for and on behalf of
AMCOR RIGID PLASTICS USA, LLC



Director
SCOTT R. COLANERI
CFO

Country	Title	Case Status	Application No
Australia	Hot-Fillable, Blow Molded Container	Registered	2001261792
Australia	Container Base Structure Responsive To Vacuum Related Forces	Registered	2004242590
Australia	Container Base Structure Responsive To Vacuum Related Forces	Registered	2005331254
Australia	Container Base Structure Responsive To Vacuum Related Forces	Registered	2009314369
Australia	Hot-Fill Container	Registered	2010278853
Canada	Container Base Structure Responsive To Vacuum Related Forces	Registered	2526708
Canada	Container Base Structure Responsive To Vacuum Related Forces	Registered	2606421
Canada	Blow Mold Design	Registered	2677071
Canada	Flex Ring Base	Registered	2715245
Canada	One-Piece Plastic Container And Method Of Making The Same	Registered	2713866
Canada	Hot-Fill Container	Registered	2748264
Canada	Hot-Fill Container	Registered	2723864
Canada	Thin Walled Hot Filled Container	Registered	2729586
Canada	Container	Registered	2747804
Colombia	Hot-Fill Container	Registered	12013760
Colombia	Blow Mold Design	Registered	9089094
Colombia	Blow Mold Design	Registered	13150752
Colombia	Method Of Production Of Plastic Container With Flexible Base Ring	Registered	10099855
Colombia	Hot-Fill Container	Registered	11077775
Colombia	Plastic Container Having Vacuum Panels	Registered	10158288
Colombia	A One-Piece Plastic Container Comprising A Plurality Of Horizontal Ribs Being Movable and Method Of Making The Blow-Molded Container	Registered	10140887
Colombia	Hot-Fill Container Having Flat Panels	Registered	12109739
Colombia	Container	Registered	11077767
Colombia	Heat Set Container	Registered	12115538
Colombia	Container Having Oxygen Scavenging System	Registered	12158811
Colombia	Container Having An Oxygen Scavenging Indication System	Registered	12158805
Colombia	Heat-Set Container And Mold System Thereof	Registered	14042036
Colombia	Lightweight Container Base	Registered	15053037
Colombia	Container Finish For Metal Lug Closure	Registered	15225691
Denmark	Container With A Base Structure Responsive To Vacuum Related Forces	Registered	47509690
Denmark	Container Base Structure Responsive To Vacuum Related Forces	Registered	57585192
France	Hot-Fillable, Blow Molded Container	Registered	19357243
France	Container Base Structure	Registered	19559046
France	Container With A Base Structure Responsive To Vacuum Related Forces	Registered	47509690
France	Container Base Structure Responsive To Vacuum Related Forces	Registered	57585192
France	Inverting Vacuum Panels For A Plastic Container	Registered	47098850
France	Method For Making A Container	Registered	97084859
France	Container Base Structure Responsive To Vacuum Related Forces/FR	Registered	9826546

France	Container Formed Via Plural Blow Molding/FR	Registered	12850246
France	Hot-Fill Container Having Movable Ribs For Accommodating Vacuum Forces/FR	Registered	97474191
France	Process and Conveyor for Transporting Suspended Containers/FR	Registered	PCT/EP2002/04217
France	Plural Blow Utilization of Counter Stretch Rod And/Or Base Pushup/FR	Registered	128489945
France	Container Having Oxygen Scavenging System/FR	Registered	117540492
Hong Kong	Container Base Structure Responsive To Vacuum Related Forces	Registered	81131547
Ireland	Container With A Base Structure Responsive To Vacuum Related Forces	Registered	47509690
Ireland	Container Base Structure Responsive To Vacuum Related Forces	Registered	57585192
Luxembourg	Container With A Base Structure Responsive To Vacuum Related Forces	Registered	47509690
Luxembourg	Container Base Structure Responsive To Vacuum Related Forces	Registered	57585192
New Zealand	Plastic Container Having A Crystallinity Gradient	Registered	523286
New Zealand	Container Base Structure Responsive To Vacuum Related Forces	Registered	544001
New Zealand	Container Base Structure Responsive To Vacuum Related Forces	Registered	563637
New Zealand	Container Base Structure Responsive To Vacuum Related Forces	Registered	592546
Slovenia	Container With A Base Structure Responsive To Vacuum Related Forces	Registered	47509690
Slovenia	Container Base Structure Responsive To Vacuum Related Forces	Registered	57585192
Spain	Hot-Fillable, Blow Molded Container	Registered	19357243
Spain	Container Base Structure	Registered	19559046
Spain	Container With A Base Structure Responsive To Vacuum Related Forces	Registered	4750969
Spain	Container Base Structure Responsive To Vacuum Related Forces	Registered	5758519
Spain	Inverting Vacuum Panels For A Plastic Container	Registered	4709885
Spain	Container Base Structure Responsive To Vacuum Related Forces/ES	Registered	9826546
Spain	Container Formed Via Plural Blow Molding/ES	Registered	12850246
Spain	Hot-Fill Container Having Movable Ribs For Accommodating Vacuum Forces/ES	Registered	9747419
Spain	Process and Conveyor for Transporting Suspended Containers/ES	Registered	PCT/EP2002/04217 (2726240.1)
Spain	Plural Blow Utilization of Counter Stretch Rod And/Or Base Pushup/ES	Registered	12848995
Spain	Container Having Oxygen Scavenging System/ES	Registered	11754049
Sweden	Container With A Base Structure Responsive To Vacuum Related Forces	Registered	47509690
Sweden	Container Base Structure Responsive To Vacuum Related Forces	Registered	57585192

Switzerland	Container With A Base Structure Responsive To Vacuum Related Forces	Registered	47509690
Switzerland	Container Base Structure Responsive To Vacuum Related Forces	Registered	57585192
United States of America	Method Of Forming Wide-Mouth, Heat-Set, Pinch-Grip Containers	Registered	09/058372
United States of America	Non-Rocking, Webbed Container For Carbonated Beverages	Registered	09/997105
United States of America	Blow Molding Method For Producing Pasteurizable Containers	Registered	09/395708
United States of America	Blow Molding Machine For Producing Pasteurizable Containers	Registered	10/006859
United States of America	Hot-Fillable Blow Molded Container With Pinch-Grip Vacuum Panels	Registered	09/081533
United States of America	Method For Making A Carbonated Soft Drink Bottle With An Internal Web And Hand-Grip Feature	Registered	09/258583
United States of America	Pasteurization Panels For A Plastic Container	Registered	09/293069
United States of America	Plastic Container Having A Crystallinity Gradient	Registered	09/607817
United States of America	Base Portion Of A Plastic Container	Registered	09/608738
United States of America	Blow Molding Method For Producing Pasteurizable Containers	Registered	09/436864
United States of America	Blow Molding Machine For Producing Pasteurizable Containers	Registered	10/034593
United States of America	Method For Producing Plastic Containers Having High Crystallinity Bases	Registered	09/609306
United States of America	Hot-Fillable, Blow Molded Container	Registered	09/862032
United States of America	Plastic Container Having Geometry Minimizing Spherulitic Crystallization Below The Finish And Method	Registered	10/099506
United States of America	Method Of Providing A Thermally-Processed Commodity Within A Plastic Container	Registered	09/822600
United States of America	Method Of Providing A Thermally Stable Finish For A Plastic Container	Registered	10/382045
United States of America	Container Base Structure Responsive To Vacuum Related Forces	Registered	09/909136
United States of America	Container Having Square And Round Attributes	Registered	09/946971
United States of America	Process For Improving Material Thickness Distribution Within A Molded Bottle And Bottle Therefrom	Registered	09/835203
United States of America	Method For Reducing Headspace Gas	Registered	10/023303
United States of America	Closure And Container Combination For Reducing Headspace Gas	Registered	10/601998
United States of America	Container Base Structure Responsive To Vacuum Related Forces	Registered	10/445104
United States of America	Container Base Structure Responsive To Vacuum Related Forces	Registered	11/116764
United States of America	Container Base Structure Responsive To Vacuum Related Forces	Registered	13/611161

United States of America	Container Base Structure Responsive To Vacuum Related Forces	Registered	11/151676
United States of America	Container Base Structure Responsive To Vacuum Related Forces	Registered	12/272400
United States of America	Hot-Fill Container Having Vacuum Accommodating Base And Cylindrical Portions	Registered	12/847050
United States of America	Hot-Fill Container	Registered	14/072377
United States of America	Inverting Vacuum Panels For A Plastic Container	Registered	10/361356
United States of America	Inverting Vacuum Panels For A Plastic Container	Registered	11/146163
United States of America	Lightweight Container	Registered	10/756208
United States of America	Hot Fillable Container	Registered	10/727029
United States of America	Circumferential Stiffening Rib For Hot-Fill Containers	Registered	11/064610
United States of America	Hot-Fillable Blow Molded Container With Pinch-Grip Vacuum Panels	Registered	11/057527
United States of America	Rectangular Hot-Filled Container	Registered	11/208896
United States of America	Container Having Segmented Bumper Rib	Registered	11/339710
United States of America	Interlocking Rectangular Container	Registered	11/476444
United States of America	Preform And Container Having Thread Groove	Registered	11/698009
United States of America	Blow-Molded Container Having Thread Groove	Registered	11/657971
United States of America	Preform And Container Having Thread Groove Of Varying Depth	Registered	12/648462
United States of America	Blow-Molded Container Having Finish With Thread Groove And Tamper Evident Features	Registered	12/690556
United States of America	Wide Mouth Jar With Integral Scraper	Registered	11/455580
United States of America	Lightweight Container Having Mid-Body Grip	Registered	12/215604
United States of America	Hot-Fill Plastic Container With Ribs And Grip	Registered	11/545034
United States of America	Blow Mold Design	Registered	11/700571
United States of America	Blow Mold Design	Registered	12/987354
United States of America	Molded Preform And Container Having Integrated Pour Spout	Registered	11/804406
United States of America	Molded Preform And Container Having Integrated Pour Spout	Registered	12/940367
United States of America	Container Base With Feet	Registered	11/811448
United States of America	Flex Ring Base	Registered	12/367002
United States of America	Container Thread Design	Registered	11/821119

United States of America	Container Having Vacuum Panels	Registered	11/879005
United States of America	Hot Fill Container	Registered	12/201395
United States of America	Preform And Container Having Debossed Support Flange	Registered	12/011975
United States of America	Hot-Fill Container	Registered	12/342913
United States of America	Plastic Container Having Vacuum Panels	Registered	12/215205
United States of America	Hot-Fill Container Having Movable Ribs For Accommodating Vacuum Forces	Registered	12/464336
United States of America	Thin Walled Hot Filled Container	Registered	12/499880
United States of America	Hot-Fill Container Having Flat Panels	Registered	12/972578
United States of America	Container	Registered	12/341372
United States of America	Hot-Fill Container	Registered	12/707256
United States of America	Hot-Fill Container	Registered	12/707282
United States of America	Hot-Fill Container	Registered	12/707350
United States of America	Container Having Oriented Standing Surface	Registered	12/493345
United States of America	Flexible Standing Ring For Hot-Fill Container	Registered	12/717259
United States of America	Heat Set Container	Registered	12/721003
United States of America	Heat Set Container	Registered	13/005570
United States of America	Heat Set Container	Registered	13/803670
United States of America	Container Having Oxygen Scavenging System	Registered	13/043824
United States of America	Container Having Oxygen Scavenging System	Registered	13/951721
United States of America	Container Having An Oxygen Scavenging Indication System	Registered	13/042970
United States of America	Container Having An Oxygen Scavenging Activation System	Registered	13/042904
United States of America	Oxygen Scavenging System For A Container	Registered	13/167967
United States of America	Oxygen Scavenging System For A Container	Registered	14/739657
United States of America	Controlled Base Flash Forming A Standing Ring	Registered	14/242457
United States of America	Circumferential Reinforcing Groove For Container Finish	Registered	13/167102
United States of America	Side Action Insert / Skeletal Stiffening Ribs	Registered	13/185528
United States of America	Pressure Resistant Vacuum/Label Panel	Registered	14/602680
United States of America	Container Having Vacuum Panel With Balanced Vacuum And Pressure Response	Registered	13/028244

United States of America	Shoulder Rib To Direct Top Load Force	Registered	13/028251
United States of America	Method Of Forming A Container	Registered	13/432217
United States of America	Barrier System For Wide Mouth Containers	Pending	13/428104
United States of America	Heat-Set Container And Mold System Thereof	Pending	14/238789
United States of America	Folding Container	Pending	14/116603
United States of America	Lightweight Container Base	Pending	14/465494
United States of America	Lightweight Container Base	Registered	14/238795
United States of America	Lightweight Container Base	Registered	14/424569
United States of America	Plural Blow Utilization of Counter Stretch Rod And/Or Base Pushup	Registered	14/358122
United States of America	Container Formed Via Plural Blow Molding	Registered	14/358143
United States of America	Plural Blow Molding With Servo Controls	Pending	14/358148
United States of America	Molding Apparatus And Method For Applying Positive Pressure To Molded Container	Registered	14/364079
United States of America	Container With Reinforced Upper Portion For Receiving Welded Closure	Registered	14/378154
United States of America	Container Finish For Metal Lug Closure	Registered	13/834431
United States of America	Container Finish For Metal Lug Closure	Pending	14/870583
United States of America	Container Finish For Metal Lug Closure	Pending	14/870617
United States of America	Preform Design For Lightweight Container	Pending	62/128657
United States of America	Container Base Including Hemispherical Actuating Diaphragm	Pending	62/138190
United States of America	Closure System For Container	Pending	62/232501
United States of America	Parison Whose Neck Is Based On An Aromatic Polyester, And In Particular On PET, The Neck Including A Thread ...	Registered	09/530226
United States of America	Process And Installation For Manufacturing A Preform, Implementing Improved Drying Means, And Plastic Recipient Obtained From The Preform	Registered	09/856870
United States of America	Polyester Composition Comprising Silica Particles And Use Thereof For Making Packaging Articles	Registered	11/920896
United States of America	Closure	Registered	12/840759
United States of America	Dispensing Apparatus	Registered	12/984761
United States of America	One-Piece Container Closure Assemblies	Registered	08/953261

United States of America	Fluid Dispenser With Tongue Depressor	Registered	13/674407
United States of America	Multi-Layer Preform and Container/US	Pending	62/318848
United States of America	Powder Dosage Device/US	Pending	62/335756
United States of America	PANELLESS HOT-FILL PLASTIC BOTTLE/US	Pending	13/324384
United States of America	Footed Container Base/US	Pending	15/101448
United States of America	Machine Component Facilitating Mold Base Movement/US	Pending	15/123011
United States of America	Vacuum Base For Container/US	Pending	15/120199
United States of America	APPARATUS AND METHODS FOR MODULAR PREFORM MOLD SYSTEM/US	Registered	11/829326
United States of America	Controlled Release Container/US	Pending	15/301243
United States of America	Inverted Cylinder Assembly for Forming and Filling a Container with Liquid/US	Pending	62/453293
United States of America	Container With Folded Sidewall/US	Pending	15/505499
United States of America	Lightweight Container Base/US	Pending	15/440002
United States of America	Container Base Including Hemispherical Actuating Diaphragm/US	Pending	15/505525
United States of America	Two-Stage Container Base/US	Pending	15/505517
United States of America	Multi-Function Container Base/US	Pending	15/517073
United States of America	Vacuum Panel For Non-Round Containers/US	Pending	15/520001
United States of America	Vacuum Panel For Non-Round Containers/US	Pending	15/520018
Argentina	Container Having Vacuum Panels	Registered	P20080102999
Argentina	Heat Set Container	Pending	20110100136
Argentina	Vacuum Panel With Balanced Vacuum And Pressure Response	Pending	20120100486
Argentina	Shoulder Rib To Direct Top Load Force	Pending	20120100488
Austria	Container With A Base Structure Responsive To Vacuum Related Forces	Registered	47509690
Austria	Container Base Structure Responsive To Vacuum Related Forces	Registered	57585192
Brazil	Hot-Fillable, Blow Molded Container	Registered	PI01110713
Brazil	Container Base Structure	Registered	PI04004639
Brazil	Container Base Structure Responsive To Vacuum Related Forces	Registered	PI04106318
Brazil	Inverting Vacuum Panels For A Plastic Container	Registered	PI04073789
Brazil	Container Base Structure Responsive To Vacuum Related Forces	Pending	PI05200016
Brazil	Container Base Structure Responsive To Vacuum Related Forces	Pending	PI09210920
Brazil	Hot-Fill Container	Pending	1120120022881
Brazil	Inverting Vacuum Panels For A Plastic Container	Pending	PI06111149

Brazil	Blow Mold Design	Pending	PI08081565
Brazil	Blow Mold Design	Pending	1120130175923
Brazil	Molded Preform And Container Having Integrated Pour Spout	Pending	PI08116202
Brazil	Flex Ring Base	Pending	PI09088040
Brazil	One-Piece Plastic Container and Method of Making the Same	Pending	PI09071466
Brazil	Hot-Fill Container	Pending	PI09238174
Brazil	Plastic Container Having Vacuum Panels	Pending	PI09138943
Brazil	Hot-Fill Container	Pending	PI09130284
Brazil	Thin Walled Hot Filled Container	Pending	PI09154540
Brazil	Hot-Fill Container Having Flat Panels	Pending	1120120161067
Brazil	Container	Pending	PI09235647
Brazil	Hot-Fill Container	Pending	PI10086030
Brazil	Hot-Fill Container	Pending	PI10086005
Brazil	Hot-Fill Container	Pending	PI10086013
Brazil	Flexible Standing Ring For Hot-Fill Container	Pending	1120120223470
Brazil	Heat Set Container	Pending	1120120234935
Brazil	Heat Set Container	Pending	1120120175785
Brazil	Container Having Oxygen Scavenging System	Pending	1120120230409
Brazil	Container Having An Oxygen Scavenging Indication System	Pending	1120120230433
Brazil	Container Having An Oxygen Scavenging Activation System	Pending	1120120230387
Brazil	Oxygen Scavenging System For A Container	Pending	1120120327771
Brazil	Side Action Insert / Skeletal Stiffening Ribs	Pending	1120130013460
Brazil	Heat-Set Container And Mold System Thereof	Pending	1120140050430
Brazil	Lightweight Container Base	Pending	1120140050384
Brazil	Lightweight Container Base	Pending	1120150045260
Brazil	Container Finish For Metal Lug Closure	Pending	1120150238041
Brazil	Container Base Structure Responsive To Vacuum Related Forces/BR	Pending	1120160102495
Brazil	Footed Container Base/BR	Pending	1120160125452
Brazil	Machine Component Facilitating Mold Base Movement/BR	Pending	1120160203020
Brazil	Vacuum Base For Container/BR	Pending	1120160189051
Brazil	Controlled Release Container/BR	Pending	1120160228499
Brazil	BOTTLE-TYPE PLASTIC CONTAINER HAVING AN INTEGRATED HAND-GRIP/BR	Pending	pi0710344-1
Brazil	Container With Folded Sidewall/BR	Pending	1120170035693
Brazil	Lightweight Container Base/BR	Pending	1120170035634
Brazil	Container Base Including Hemispherical Actuating Diaphragm/BR	Pending	1120170033917
Brazil	Two-Stage Container Base/BR	Pending	1120170033909
Brazil	Multi-Function Container Base/BR	Pending	BR1120170078104
Canada	Container Base Structure Responsive To Vacuum Related Forces	Pending	2742494
Canada	Hot-Fill Container	Pending	2768822
Canada	Hot-Fill Container Having Flat Panels	Pending	2785772
Canada	Hot-Fill Container	Pending	2749269
Canada	Hot-Fill Container	Pending	2749268
Canada	Flexible Standing Ring For Hot-Fill Container	Pending	2791605
Canada	Heat Set Container	Pending	2786616
Canada	Container Having Oxygen Scavenging System	Pending	2792842
Canada	Container Having An Oxygen Scavenging Indication System	Pending	2792813

Canada	Container Having An Oxygen Scavenging Activation System	Pending	2792818
Canada	Oxygen Scavenging System For A Container	Pending	2803302
Canada	Vacuum Panel With Balanced Vacuum And Pressure Response	Pending	2827073
Canada	Shoulder Rib To Direct Top Load Force	Pending	2827079
Canada	Plural Blow Utilization Of Counter Stretch Rod And/Or Base Pushup	Pending	2855130
Canada	Container Formed Via Plural Blow Molding	Pending	2855150
Canada	Plural Blow Molding With Servo Controls	Pending	2855361
Canada	Molding Apparatus And Method For Applying Positive Pressure To Molded Container	Pending	2859070
Canada	Container With Reinforced Upper Portion For Receiving Welded Closure	Pending	2864512
Canada	Container Finish For Metal Lug Closure	Pending	2906401
Canada	Child Resistant Tip Closure Assembly With Finger Spring	Pending	2891251
Canada	Footed Container Base/CA	Pending	2931797
Canada	Machine Component Facilitating Mold Base Movement/CA	Pending	2939939
Canada	Vacuum Base For Container/CA	Pending	2939428
Canada	Controlled Release Container/CA	Pending	2943255
Canada	Container Base Structure Responsive To Vacuum Related Forces/CA	Pending	2925871
Canada	Container With Folded Sidewall/CA	Pending	2957823
Canada	Container Base Including Hemispherical Actuating Diaphragm/CA	Pending	2958343
Canada	Two-Stage Container Base/CA	Pending	2958344
Canada	Multi-Function Container Base/CA	Pending	2963628
Canada	Vacuum Panel For Non-Round Containers/CA	Pending	2964747
Canada	Vacuum Panel For Non-Round Containers/CA	Pending	2964740
Chile	Hot-Fill Container	Registered	15552011
Chile	Container	Registered	15422011
Chile	Hot-Fill Container	Pending	19222011 2011-01922
Chile	Hot-Fill Container	Pending	18772011 2011-01877
China	Container Base Structure Responsive To Vacuum Related Forces	Registered	2004800201895
China	Container Base Structure Responsive To Vacuum Related Forces	Registered	2005800501324
China	Container Base Structure Responsive To Vacuum Related Forces	Registered	2009801453913
China	Hot-Fill Container	Registered	2010800438389
Colombia	Footed Container Base/CO	Pending	16167703
Colombia	Machine Component Facilitating Mold Base Movement/CO	Pending	NC20160001450
Colombia	Vacuum Base For Container/CO	Pending	NC20160001070
Colombia	Controlled Release Container/CO	Pending	NC20160002713
Colombia	Lightweight Container Base/CO	Pending	nc20170001749
Colombia	Container Base Including Hemispherical Actuating Diaphragm/CO	Pending	NC20170002076
Colombia	Two-Stage Container Base/CO	Pending	NC20170002080

Colombia	Container With Folded Sidewall/CO	Pending	NC20170001873
Colombia	Multi-Function Container Base/CO	Pending	NC20170004473
Costa Rica	Hot-Fill Container	Pending	11846
Dominican Republic	Hot-Fill Container	Registered	P20120023
Dominican Republic	Flex Ring Base	Registered	P20100244
Dominican Republic	Plastic Container Having Vacuum Panels	Registered	P20100383
Dominican Republic	Hot-Fill Container	Pending	P2010000341
Ecuador	Hot-Fill Container	Pending	SP1211697
El salvador	Hot-Fill Container	Pending	2012004140 (E-4140-12)
El salvador	Hot-Fill Container	Pending	2010003729 (E-3729-10)
El salvador	Hot-Fill Container Having Flat Panels	Pending	2012004267 (E-4267-12)
El salvador	Heat Set Container	Pending	2012004274 (E-4274-12)
El salvador	Heat-Set Container And Mold System Thereof	Pending	20140016294
El salvador	Lightweight Container Base	Pending	20140016293
El salvador	Lightweight Container Base	Pending	2015004924 (E-4924-15)
El salvador	Lightweight Container Base/SV	Pending	e53882017 (E-5388-17)
European Patent	Method Of Forming A Container	Pending	127653319
European Patent	Plural Blow Molding With Servo Controls	Pending	128504800
European Patent	Hot-Fill Container	Pending	108051038
European Patent	Oxygen Scavenging System For A Container	Pending	117989723
European Patent	Container Finish For Metal Lug Closure	Pending	147678445
European Patent	Child Resistant Tip Closure Assembly With Finger Spring	Pending	138552419
European Patent	Container Base Structure Responsive To Vacuum Related Forces/EP	Pending	148594773
European Patent	Footed Container Base/EP	Pending	138985049
European Patent	Machine Component Facilitating Mold Base Movement/EP	Pending	157591363
European Patent	Vacuum Base For Container/EP	Pending	148833601
European Patent	Controlled Release Container/EP	Pending	157739186
European Patent	Container With Folded Sidewall/EP	Pending	149002677
European Patent	Lightweight Container Base/EP	Pending	158335851
European Patent	Container Base Including Hemispherical Actuating Diaphragm/EP	Pending	158338202
European Patent	Two-Stage Container Base/EP	Pending	158333518
European Patent	Multi-Function Container Base/EP	Pending	149040057
Germany	Hot-Fillable, Blow Molded Container	Registered	19357243
Germany	Container Base Structure	Registered	19559046
Germany	Container With A Base Structure Responsive To Vacuum Related Forces	Registered	47509690
Germany	Container Base Structure Responsive To Vacuum Related Forces	Registered	57585192
Germany	Inverting Vacuum Panels For A Plastic Container	Registered	47098850
Germany	Inverting Vacuum Panels For A Plastic Container	Registered	67722058

Germany	Method For Making A Container	Registered	97084859
Germany	Container Base Structure Responsive To Vacuum Related Forces/DE	Registered	09826545.7
Germany	Container Formed Via Plural Blow Molding/DE	Registered	12850245.7
Germany	Hot-Fill Container Having Movable Ribs For Accommodating Vacuum Forces/DE	Registered	97474191
Germany	Plural Blow Utilization of Counter Stretch Rod And/Or Base Pushup/DE	Registered	128489945
Germany	Container Having Oxygen Scavenging System/DE	Registered	117540492
United Kingdom	Hot-Fillable, Blow Molded Container	Registered	19357243
United Kingdom	Container Base Structure	Registered	19559046
United Kingdom	Container With A Base Structure Responsive To Vacuum Related Forces	Registered	47509690
United Kingdom	Container Base Structure Responsive To Vacuum Related Forces	Registered	57585192
United Kingdom	Container Base Structure Responsive To Vacuum Related Forces/GB	Registered	09826545.7
United Kingdom	Hot-Fill Container Having Movable Ribs For Accommodating Vacuum Forces/GB	Registered	97474191
India	Container Base Structure Responsive To Vacuum Related Forces	Registered	5338DELNP2005
India	Container Base Structure Responsive To Vacuum Related Forces	Registered	8300DELNP2007
India	Container Base Structure Responsive To Vacuum Related Forces	Pending	4379DELNP2011
International Patent-PCT	Polymeric Spirits Container/WO	Pending	PCT/US2016/029117
International Patent-PCT	Multi-Layer Barrier for a Container/WO	Pending	PCT/US2016/065565
International Patent-PCT	Lightweight Polymeric Container Finish/WO	Pending	PCT/US2017/025399
International Patent-PCT	Portable Module for Container Forming and Filling System/WO	Pending	PCT/US2017/029629
International Patent-PCT	One Piece Container And Lid	Pending	PCT/US2015/036004
International Patent-PCT	Child Resistant Dropper Closure	Pending	PCT/US2015/036020
International Patent-PCT	Etched Preform Tip	Pending	PCT/US2015/055977
International Patent-PCT	Method of Applying Top Load Force/WO	Pending	PCT/US2015/064186
International Patent-PCT	Pill Dispenser/WO	Pending	PCT/US2016/024152
International Patent-PCT	Refillable PET Container/WO	Pending	PCT/US2016/065252
International Patent-PCT	Closure System For Container/WO	Pending	PCT/US2016/052873
International Patent-PCT	Multi-Layer Preform and Container/WO	Pending	PCT/US2017/026100
Italy	Hot-Fillable, Blow Molded Container	Registered	19357243
Italy	Container Base Structure	Registered	19559046
Italy	Container With A Base Structure Responsive To Vacuum Related Forces	Registered	47509690

Italy	Container Base Structure Responsive To Vacuum Related Forces	Registered	57585192
Italy	Inverting Vacuum Panels For A Plastic Container	Registered	47098850
Italy	Inverting Vacuum Panels For A Plastic Container	Registered	67722058
Italy	Container Base Structure Responsive To Vacuum Related Forces/IT	Registered	09826545.7
Italy	Container Formed Via Plural Blow Molding/IT	Registered	12850245.7
Italy	Hot-Fill Container Having Movable Ribs For Accommodating Vacuum Forces/IT	Registered	97474191
Italy	Plural Blow Utilization of Counter Stretch Rod And/Or Base Pushup/IT	Registered	128489945
Italy	Container Having Oxygen Scavenging System/IT	Registered	117540492
Japan	Container Base Structure Responsive To Vacuum Related Forces	Registered	2006532513
Japan	Container Base Structure Responsive To Vacuum Related Forces	Registered	2014139386
Japan	Container Base Structure Responsive To Vacuum Related Forces	Registered	2008508816
Japan	Container Base Structure Responsive To Vacuum Related Forces	Registered	2010279791
Japan	Container Base Structure Responsive To Vacuum Related Forces	Registered	2011536376
Japan	Hot-Fill Container	Registered	2012523081
Japan	Container	Registered	2011542534
Japan	Plural Blow Utilization Of Counter Stretch Rod And/Or Base Pushup	Registered	2014541401
Japan	Molding Apparatus And Method For Applying Positive Pressure To Molded Container	Registered	2014551334
Japan	Method Of Forming A Container	Pending	2014502736
Japan	Container Formed Via Plural Blow Molding	Pending	2014541399
Japan	Plural Blow Molding With Servo Controls	Pending	2014541405
Japan	Container Finish For Metal Lug Closure	Pending	2016501219
Japan	Child Resistant Tip Closure Assembly With Finger Spring	Pending	2015542768
Japan	Container Base Structure Responsive To Vacuum Related Forces/JP	Pending	2016527341
Japan	Vacuum Base For Container/JP	Pending	2016553465
Japan	Multi-Function Container Base/JP	Pending	2017519678
Mexico	Blow Molding Method And Machine For Producing Pasteurizable Containers	Registered	PAa2002004629
Mexico	Method For Producing Plastic Containers Having High Crystallinity Bases	Registered	PAa2002012621
Mexico	Hot-Fillable, Blow Molded Container	Registered	PAa2002011501
Mexico	Container Base Structure Responsive To Vacuum Related Forces	Registered	PAa2005012633
Mexico	Container Base Structure Responsive To Vacuum Related Forces	Registered	MXa2007013503
Mexico	Container Base Structure Responsive To Vacuum Related Forces	Registered	MXa2011004981
Mexico	Hot-Fill Container	Registered	MXa2012001085

Mexico	Inverting Vacuum Panels For A Plastic Container	Registered	PAa2005008433
Mexico	Inverting Vacuum Panels For A Plastic Container	Registered	MXa2007015481
Mexico	Interlocking Rectangular Container	Registered	MXa2009000028
Mexico	Blow Mold Design	Registered	MXa2009008115
Mexico	Blow Mold Design	Registered	MXa2013007469
Mexico	Molded Preform And Container Having Integrated Pour Spout	Registered	MXa2009012446
Mexico	Flex Ring Base	Registered	MXa2010008548
Mexico	One-Piece Plastic Container and Method of Making the Same	Registered	MXa2010008483
Mexico	Container Having Vacuum Panels	Registered	MXa2010000513
Mexico	Preform And Container Having Debossed Support Flange	Registered	MXa2010008485
Mexico	Hot-Fill Container	Registered	MXa2011006786
Mexico	Plastic Container Having Vacuum Panels	Registered	MXa2010013805
Mexico	Hot-Fill Container	Registered	MXa2010012307
Mexico	Thin Walled Hot Filled Container	Registered	MXa2011000101
Mexico	Hot-Fill Container Having Flat Panels	Registered	MXa2012007618
Mexico	Container	Registered	MXa2011006784
Mexico	Hot-Fill Container	Registered	MXa2011008376
Mexico	Hot-Fill Container	Registered	MXa2011008377
Mexico	Hot-Fill Container	Registered	MXa2011008626
Mexico	Flexible Standing Ring For Hot-Fill Container	Registered	MXa2012010203
Mexico	Heat Set Container	Registered	MXa2012008122
Mexico	Container Having Oxygen Scavenging System	Registered	MXa2012010542
Mexico	Container Having An Oxygen Scavenging Indication System	Registered	MXa2012010543
Mexico	Container Having Oxygen Scavenging Activation System	Registered	MXa2012010544
Mexico	Oxygen Scavenging System For A Container	Registered	MXa2012014892
Mexico	Oxygen Scavenging System For A Container	Registered	MXa2015014396
Mexico	Oxygen Scavenging System For A Container	Registered	MXa2015014397
Mexico	Side Action Insert / Skeletal Stiffening Ribs	Registered	MXa2013000558
Mexico	Vacuum Panel With Balanced Vacuum And Pressure Response	Registered	MXa2013009222
Mexico	Shoulder Rib To Direct Top Load Force	Registered	MXa2013009221
Mexico	Oxygen Scavenging System For A Container	Pending	MXa2015014399
Mexico	Heat-Set Container And Mold System Thereof	Pending	MXa2014002183
Mexico	Lightweight Container Base	Pending	MXa2014002184
Mexico	Lightweight Container Base	Pending	MXa2015002449
Mexico	Plural Blow Utilization Of Counter Stretch Rod And/Or Base Pushup	Pending	MXa2014005815
Mexico	Container Formed Via Plural Blow Molding	Pending	MXa2014005814
Mexico	Plural Blow Molding With Servo Controls	Pending	MXa2014005813
Mexico	Molding Apparatus And Method For Applying Positive Pressure To Molded Container	Pending	MXa2014008111
Mexico	Container With Reinforced Upper Portion For Receiving Welded Closure	Pending	MXa2014009727
Mexico	Container Finish For Metal Lug Closure	Pending	MXa2015013082
Mexico	Child Resistant Tip Closure Assembly With Finger Spring	Pending	MXa2015005989
Mexico	Container Base Structure Responsive To Vacuum Related Forces/MX	Pending	MXa2016003964

Mexico	Footed Container Base/MX	Pending	MXA2016007039
Mexico	Machine Component Facilitating Mold Base Movement/MX	Pending	MXa2016010920
Mexico	Vacuum Base For Container/MX	Pending	MXa2016010618
Mexico	Controlled Release Container/MX	Pending	MXa2016012684
Mexico	Container With Folded Sidewall/MX	Pending	MXa2017002060
Mexico	Lightweight Container Base/MX	Pending	mx2017002059
Mexico	Container Base Including Hemispherical Actuating Diaphragm/MX	Pending	MXA2017002163
Mexico	Two-Stage Container Base/MX	Pending	MXA2017002165
Mexico	Multi-Function Container Base/MX	Pending	MXA2017004478
Mexico	Vacuum Panel For Non-Round Containers/MX	Pending	MXA2017005111
Mexico	Vacuum Panel For Non-Round Containers/MX	Pending	mx2017005110
Monaco	Container Base Structure Responsive To Vacuum Related Forces/MC	Registered	47509690
Monaco	Container Base Structure Responsive To Vacuum Related Forces	Registered	57585192
Netherlands	Container With A Base Structure Responsive To Vacuum Related Forces	Registered	47509690
Netherlands	Container Base Structure Responsive To Vacuum Related Forces	Registered	57585192
Peru	Blow Mold Design	Pending	1534
Peru	Hot-Fill Container	Registered	1122012
Peru	Hot-Fill Container	Registered	12632011
Peru	Plastic Container Having Vacuum Panels	Registered	11722010
Peru	Container	Registered	12612011
Peru	Hot-Fill Container	Registered	14622011
Peru	Heat-Set Container And Mold System Thereof	Pending	29114
Peru	Lightweight Container Base	Pending	28814
Peru	Lightweight Container Base	Pending	2582015
Peru	Footed Container Base/PE	Pending	07212016
Peru	Lightweight Container Base/PE	Pending	2422017
Philippines	Container Base Structure Responsive To Vacuum Related Forces	Registered	12005502120
Philippines	Container Base Structure Responsive To Vacuum Related Forces	Registered	12007502409
Russian Federation	Container Base Structure Responsive To Vacuum Related Forces	Registered	2005140293
Russian Federation	Container Base Structure Responsive To Vacuum Related Forces	Registered	2007144105
Korea (South)	Container Base Structure Responsive To Vacuum Related Forces	Registered	1020057022425
Korea (South)	Container Base Structure Responsive To Vacuum Related Forces	Registered	1020077027634
United States of America	Heat Set Container With Label Boundary Panel	Pending	14/126216
United States of America	Container Finish For Metal Lug Closure	Pending	14/713315
United States of America	Container Finish For Metal Lug Closure	Pending	14/870552
United States of America	Child Resistant Tip Closure Assembly With Diaphragm	Pending	14/442692
United States of America	Child Resistant Tip Closure Assembly With Finger Spring	Pending	14/442695

United States of America	Method Of Forming A Container/US	Pending	14/964944
United States of America	Preform Design For Lightweight Container/US	Pending	15/059379
United States of America	Preform Design for Lightweight Container/US	Pending	15/059360
United States of America	Container Base Structure Responsive To Vacuum Related Forces/US	Pending	15/198668
United States of America	CO2 Generator System for Carbonated Soda Containers/US	Pending	62/430659
United States of America	Lightweight Container Base/US	Pending	15/350558
United States of America	Lightweight Polymeric Container Finish/US	Pending	62/411029
United States of America	Lightweight Container Base/US	Pending	15/581855
Venezuela	Container Having Vacuum Panels	Pending	2008001378
United States of America	Bottle	Registered	29/138434
United States of America	Bottle	Registered	29/158502
United States of America	Container	Registered	29/148046
United States of America	Panel	Registered	29/148606
United States of America	Container	Registered	29/148047
United States of America	Container	Registered	29/148607
United States of America	Container	Registered	29/152937
United States of America	Container	Registered	29/174579
United States of America	Label Panel	Registered	29/189622
United States of America	Label Panel	Registered	29/177267
United States of America	Container Waist	Registered	29/174580
United States of America	Container Waist	Registered	29/177269
United States of America	Container Shoulder	Registered	29/189637
United States of America	Container Shoulder	Registered	29/197686
United States of America	Container	Registered	29/205662
United States of America	Container	Registered	29/205663
United States of America	Container	Registered	29/214341
United States of America	Container	Registered	29/226160
United States of America	Container	Registered	29/229469

United States of America	Container	Registered	29/271288
United States of America	Container	Registered	29/330048
United States of America	Container	Registered	29/377114
United States of America	Container	Registered	29/377118
United States of America	Container	Registered	29/399467
United States of America	Container	Registered	29/399470
United States of America	Container	Registered	29/413311
United States of America	Container	Pending	29/519194
United States of America	Flask Base	Pending	29/519366
Patent Cooperation Treaty	Container Pressure Base	Pending	PCT/US2018/032192
India	Method Of Applying Top Load Force	Pending	201817016266
Patent Cooperation Treaty	Multilayer Thermoplastic Articles With Improved Recyclability	Pending	PCT/US2018/029948
United States of America	Refillable PET Container	Pending	15/770958
Patent Cooperation Treaty	Nozzle Shaft Assembly	Pending	PCT/US2018/029321
European Patent Convention	Method Of Applying Top Load Force	Pending	159103308
Patent Cooperation Treaty	Lightweight Polymeric Container Finish	Pending	PCT/US2018/028336
Mexico	Lightweight Polymeric Container Finish	Pending	MXa2018004846
United States of America	Lightweight Polymeric Container Finish	Pending	15/955288
United States of America	Etched Preform Tip	Pending	15/768245
European Patent Convention	Lightweight Polymeric Container Finish	Pending	178576559
Canada	Lightweight Polymeric Container Finish	Pending	3000717
India	Etched Preform Tip	Pending	201817013111
India	Lightweight Polymeric Container Finish	Pending	201817013112
Canada	Method Of Applying Top Load Force	Pending	3001132
United States of America	Method Of Applying Top Load Force	Pending	15/764809
United States of America	Lightweight Polymeric Container Finish	Pending	15/763778
United States of America	Closure System For Container	Pending	15/762315
European Patent Convention	Machine Component Facilitating Mold Base Movement	Pending	181607110
European Patent Convention	Machine Component Facilitating Mold Base Movement	Pending	181607185

European Patent Convention	Etched Preform Tip	Pending	159063981
Canada	Closure System For Container	Pending	2996208
Patent Cooperation Treaty	Foaming And Fill Level Control Through Stretch Rod	Pending	PCT/US2018/014939
Patent Cooperation Treaty	Passive Barrier Layer Placement Within Carbonated Beverage Container Wall To Improve Shelf-Life	Pending	PCT/US2017/066168
Patent Cooperation Treaty	CO2 Generator System For Carbonated Beverage Containers	Pending	PCT/US2017/064877
European Patent Convention	Child Resistant Dropper Closure	Pending	158957852
Patent Cooperation Treaty	Lightweight Container Base	Pending	PCT/US2017/061342
Patent Cooperation Treaty	Lightweight Container Base	Pending	PCT/US2017/061350
Canada	Child Resistant Dropper Closure	Pending	2984291
Patent Cooperation Treaty	Filling Cylinder Insert To Reduce Volume	Pending	PCT/US2017/054689
Patent Cooperation Treaty	Method Of Inverting Container Base Prior To Cooling	Pending	PCT/US2017/052727
Patent Cooperation Treaty	Seal Pin Flow Rate Method And System	Pending	PCT/US2017/041384
Patent Cooperation Treaty	Inverted Cylinder Assembly For Forming And Filling A Container With Liquid	Pending	PCT/US2017/038331
United States of America	One Piece Container And Lid	Pending	15/736872
United States of America	Child Resistant Dropper Closure	Pending	15/736900
Mexico	Child Resistant Dropper Closure	Pending	MXa2017016062
Brazil	Child Resistant Dropper Closure	Pending	1120170234777
Patent Cooperation Treaty	Vacuum Absorbing Bases For Hot-Fill Containers	Pending	PCT/US2017/040034
Austria	CONTAINER WITH A BASE STRUCTURE RESPONSIVE TO VACUUM RELATED FORCES	Registered	4750969
Denmark	CONTAINER WITH A BASE STRUCTURE RESPONSIVE TO VACUUM RELATED FORCES	Registered	4750969
England	CONTAINER WITH A BASE STRUCTURE RESPONSIVE TO VACUUM RELATED FORCES	Registered	4750969
France	CONTAINER WITH A BASE STRUCTURE RESPONSIVE TO VACUUM RELATED FORCES	Registered	4750969
Germany	CONTAINER WITH A BASE STRUCTURE RESPONSIVE TO VACUUM RELATED FORCES	Registered	4750969
Ireland	CONTAINER WITH A BASE STRUCTURE RESPONSIVE TO VACUUM RELATED FORCES	Registered	4750969
Italy	CONTAINER WITH A BASE STRUCTURE RESPONSIVE TO VACUUM RELATED FORCES	Registered	4750969

Luxembourg	CONTAINER WITH A BASE STRUCTURE RESPONSIVE TO VACUUM RELATED FORCES	Registered	4750969
Monaco	CONTAINER WITH A BASE STRUCTURE RESPONSIVE TO VACUUM RELATED FORCES	Registered	4750969
Netherlands	CONTAINER WITH A BASE STRUCTURE RESPONSIVE TO VACUUM RELATED FORCES	Registered	4750969
Slovenia	CONTAINER WITH A BASE STRUCTURE RESPONSIVE TO VACUUM RELATED FORCES	Registered	4750969
Spain	CONTAINER WITH A BASE STRUCTURE RESPONSIVE TO VACUUM RELATED FORCES	Registered	4750969
Sweden	CONTAINER WITH A BASE STRUCTURE RESPONSIVE TO VACUUM RELATED FORCES	Registered	4750969
Switzerland	CONTAINER WITH A BASE STRUCTURE RESPONSIVE TO VACUUM RELATED FORCES	Registered	4750969
Germany	Child Resistant Tip Closure Assembly With Finger Spring	Issued	138552419
European Patent Convention	Child Resistant Tip Closure Assembly With Finger Spring	Issued	138552419
Spain	Child Resistant Tip Closure Assembly With Finger Spring	Issued	138552419
France	Child Resistant Tip Closure Assembly With Finger Spring	Issued	138552419
Italy	Child Resistant Tip Closure Assembly With Finger Spring	Issued	138552419
Germany	Hot-Fill Container	Issued	108051038
European Patent Convention	Hot-Fill Container	Issued	108051038
Spain	Hot-Fill Container	Issued	108051038
France	Hot-Fill Container	Issued	108051038
United Kingdom	Hot-Fill Container	Issued	108051038
Italy	Hot-Fill Container	Issued	108051038
Germany	Container Finish For Metal Lug Closure	Issued	147678445
European Patent Convention	Container Finish For Metal Lug Closure	Issued	147678445
Spain	Container Finish For Metal Lug Closure	Issued	147678445
France	Container Finish For Metal Lug Closure	Issued	147678445
Italy	Container Finish For Metal Lug Closure	Issued	147678445
United States of America	Container	Issued	29/519194
Germany	Molding Method And Apparatus For Applying Positive Pressure To Molded Container	Issued	137339099
European Patent Convention	Molding Method And Apparatus For Applying Positive Pressure To Molded Container	Issued	137339099
Spain	Molding Method And Apparatus For Applying Positive Pressure To Molded Container	Issued	137339099
France	Molding Method And Apparatus For Applying Positive Pressure To Molded Container	Issued	137339099
Italy	Molding Method And Apparatus For Applying Positive Pressure To Molded Container	Issued	137339099
Germany	Container Having An Oxygen Scavenging Indication System	Issued	117539916

European Patent Convention	Container Having An Oxygen Scavenging Indication System	Issued	117539916
Spain	Container Having An Oxygen Scavenging Indication System	Issued	117539916
France	Container Having An Oxygen Scavenging Indication System	Issued	117539916
Italy	Container Having An Oxygen Scavenging Indication System	Issued	117539916

Delaware

The First State

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*I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF
DELAWARE, DO HEREBY CERTIFY THAT THE SAID "AMCOR RIGID PLASTICS
USA, LLC", FILED A CERTIFICATE OF AMENDMENT, CHANGING ITS NAME
TO "AMCOR RIGID PACKAGING USA, LLC" ON THE TENTH DAY OF JUNE,
A.D. 2019, AT 6:28 O`CLOCK P.M.*

A handwritten signature of Jeffrey W. Bullock in black ink, written over a horizontal line. Below the line, the text "Jeffrey W. Bullock, Secretary of State" is printed.

Jeffrey W. Bullock, Secretary of State

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SR# 20195385727

Authentication: 203007704
Date: 06-12-19

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*I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF
DELAWARE, DO HEREBY CERTIFY "AMCOR RIGID PACKAGING USA, LLC" IS
DULY FORMED UNDER THE LAWS OF THE STATE OF DELAWARE AND IS IN GOOD
STANDING AND HAS A LEGAL EXISTENCE SO FAR AS THE RECORDS OF THIS
OFFICE SHOW, AS OF THE TWELFTH DAY OF JUNE, A.D. 2019.*

*AND I DO HEREBY FURTHER CERTIFY THAT THE ANNUAL TAXES HAVE BEEN
PAID TO DATE.*

A handwritten signature of Jeffrey W. Bullock in black ink, written over a horizontal line. Below the line, the text "Jeffrey W. Bullock, Secretary of State" is printed.

Jeffrey W. Bullock, Secretary of State

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SR# 20195385728

You may verify this certificate online at corp.delaware.gov/authver.shtml

Authentication: 203007740

Date: 06-12-19