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Application Data Sheet 37 CFR 1.76		Attorney Docket Number	P23813US07
		Application Number	
Title of Invention	DRINK CONTAINERS		
The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76. This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.			

Secrecy Order 37 CFR 5.2:

☐ Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)

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Inventor	1				Remove	
Legal Name						
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	Jeff		Davies			
Residence Information (Select One) ☒ US Residency ☐ Non US Residency ☐ Active US Military Service						
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All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the Add button.						

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For further information see 37 CFR 1.33(a).

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☐ An Address is being provided for the correspondence information of this application.

Customer Number	165846		
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Application Information:

Title of the Invention	DRINK CONTAINERS		
Attorney Docket Number	P23813US07	Small Entity Status Claimed	☐
Application Type	Nonprovisional		
Subject Matter	Utility		
Total Number of Drawing Sheets (if any)	4	Suggested Figure for Publication (if any)	

Filing By Reference:

Only complete this section when filing an application by reference under 35 U.S.C. 111(c) and 37 CFR 1.57(a). Do not complete this section if application papers including a specification and any drawings are being filed. Any domestic benefit or foreign priority information must be provided in the appropriate section(s) below (i.e., "Domestic Benefit/National Stage Information" and "Foreign Priority Information").

For the purposes of a filing date under 37 CFR 1.53(b), the description and any drawings of the present application are replaced by this reference to the previously filed application, subject to conditions and requirements of 37 CFR 1.57(a).

Application number of the previously filed application	Filing date (YYYY-MM-DD)	Intellectual Property Authority or Country

Publication Information:

☐ Request Early Publication (Fee required at time of Request 37 CFR 1.219)

☐ **Request Not to Publish.** I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32). Either enter Customer Number or complete the Representative Name section below. If both sections are completed the customer Number will be used for the Representative Information during processing.

Please Select One:	☒ Customer Number	☐ US Patent Practitioner	☐ Limited Recognition (37 CFR 11.9)
Customer Number	165846		

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Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, 365(c), or 386(c) or indicate National Stage entry from a PCT application. Providing benefit claim information in the Application Data Sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78.

When referring to the current application, please leave the "Application Number" field blank.

Prior Application Status	Pending	Remove			
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)		
	Continuation of	16719213	2019-12-18		
Prior Application Status	Pending	Remove			
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)		
16719213	Continuation of	16237470	2018-12-31		
Prior Application Status	Patented	Remove			
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
16237470	Continuation of	15817013	2017-11-17	10165879	2019-01-01
Prior Application Status	Patented	Remove			
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
15817013	Continuation of	15398569	2017-01-04	9820595	2017-11-21
Prior Application Status	Patented	Remove			
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
15398569	Continuation of	13479962	2012-05-24	9782028	2017-10-10
Prior Application Status	Patented	Remove			
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
13479962	Continuation of	12357114	2009-01-21	8191727	2012-06-05
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Application Data Sheet 37 CFR 1.76		Attorney Docket Number	P23813US07
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This section allows for the applicant to claim priority to a foreign application. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55. When priority is claimed to a foreign application that is eligible for retrieval under the priority document exchange program (PDX)ⁱ the information will be used by the Office to automatically attempt retrieval pursuant to 37 CFR 1.55(i)(1) and (2). Under the PDX program, applicant bears the ultimate responsibility for ensuring that a copy of the foreign application is received by the Office from the participating foreign intellectual property office, or a certified copy of the foreign priority application is filed, within the time period specified in 37 CFR 1.55(g)(1).

Application Number	Country ⁱ	Filing Date (YYYY-MM-DD)	Access Code ⁱ (if applicable)	Remove

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Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications

☐ This application (1) claims priority to or the benefit of an application filed before March 16, 2013 and (2) also contains, or contained at any time, a claim to a claimed invention that has an effective filing date on or after March 16, 2013.

NOTE: By providing this statement under 37 CFR 1.55 or 1.78, this application, with a filing date on or after March 16, 2013, will be examined under the first inventor to file provisions of the AIA.

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Authorization or Opt-Out of Authorization to Permit Access:

When this Application Data Sheet is properly signed and filed with the application, applicant has provided written authority to permit a participating foreign intellectual property (IP) office access to the instant application-as-filed (see paragraph A in subsection 1 below) and the European Patent Office (EPO) access to any search results from the instant application (see paragraph B in subsection 1 below).

Should applicant choose not to provide an authorization identified in subsection 1 below, applicant **must opt-out** of the authorization by checking the corresponding box A or B or both in subsection 2 below.

NOTE: This section of the Application Data Sheet is **ONLY** reviewed and processed with the **INITIAL** filing of an application. After the initial filing of an application, an Application Data Sheet cannot be used to provide or rescind authorization for access by a foreign IP office(s). Instead, Form PTO/SB/39 or PTO/SB/69 must be used as appropriate.

1. Authorization to Permit Access by a Foreign Intellectual Property Office(s)

A. Priority Document Exchange (PDX) - Unless box A in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the State Intellectual Property Office of the People's Republic of China (SIPO), the World Intellectual Property Organization (WIPO), and any other foreign intellectual property office participating with the USPTO in a bilateral or multilateral priority document exchange agreement in which a foreign application claiming priority to the instant patent application is filed, access to: (1) the instant patent application-as-filed and its related bibliographic data, (2) any foreign or domestic application to which priority or benefit is claimed by the instant application and its related bibliographic data, and (3) the date of filing of this Authorization. See 37 CFR 1.14(h)(1).

B. Search Results from U.S. Application to EPO - Unless box B in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the EPO access to the bibliographic data and search results from the instant patent application when a European patent application claiming priority to the instant patent application is filed. See 37 CFR 1.14(h)(2).

The applicant is reminded that the EPO's Rule 141(1) EPC (European Patent Convention) requires applicants to submit a copy of search results from the instant application without delay in a European patent application that claims priority to the instant application.

2. Opt-Out of Authorizations to Permit Access by a Foreign Intellectual Property Office(s)

☐ A. Applicant **DOES NOT** authorize the USPTO to permit a participating foreign IP office access to the instant application-as-filed. If this box is checked, the USPTO will not be providing a participating foreign IP office with any documents and information identified in subsection 1A above.

☐ B. Applicant **DOES NOT** authorize the USPTO to transmit to the EPO any search results from the instant patent application. If this box is checked, the USPTO will not be providing the EPO with search results from the instant application.

NOTE: Once the application has published or is otherwise publicly available, the USPTO may provide access to the application in accordance with 37 CFR 1.14.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	P23813US07
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Title of Invention	DRINK CONTAINERS		

Applicant Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.			
Applicant	1	Remove	
If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section.			
		Clear	
☒ Assignee	Legal Representative under 35 U.S.C. 117		Joint Inventor
Person to whom the inventor is obligated to assign.		Person who shows sufficient proprietary interest	
If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:			
Name of the Deceased or Legally Incapacitated Inventor:			
If the Applicant is an Organization check here. ☒			
Organization Name	CAMELBAK PRODUCTS, LLC		
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Address 2			
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Country	US	Postal Code	94954
Phone Number		Fax Number	
Email Address			
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Assignee Information including Non-Applicant Assignee Information:

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Application Data Sheet 37 CFR 1.76		Attorney Docket Number	P23813US07
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Assignee 1				
Complete this section if assignee information, including non-applicant assignee information, is desired to be included on the patent application publication. An assignee-applicant identified in the "Applicant Information" section will appear on the patent application publication as an applicant. For an assignee-applicant, complete this section only if identification as an assignee is also desired on the patent application publication.				
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Signature:

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This Application Data Sheet **must** be signed by a patent practitioner if one or more of the applicants is a **juristic entity** (e.g., corporation or association). If the applicant is two or more joint inventors, this form must be signed by a patent practitioner, **all** joint inventors who are the applicant, or one or more joint inventor-applicants who have been given power of attorney (e.g., see USPTO Form PTO/AIA/81) on behalf of **all** joint inventor-applicants.

See 37 CFR 1.4(d) for the manner of making signatures and certifications.

Signature	/Amardeep S. Grewal/		Date (YYYY-MM-DD)	2021-03-23
First Name	Amardeep	Last Name	Grewal	Registration Number
				62798
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Application Data Sheet 37 CFR 1.76		Attorney Docket Number	P23813US07
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Title of Invention	DRINK CONTAINERS		

This collection of information is required by 37 CFR 1.76. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
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9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

DRINK CONTAINERS

Related Applications

The present application is a continuation of U.S. Patent Application No. 16/719,213, entitled, “Drink Containers”, filed on December 18, 2019, which is a continuation of U.S. Patent Application No. 16/237,470, filed on December 31, 2018, and issued as U.S. Patent No. 10,542,833, on January 28, 2020; which is a continuation application of U.S. Patent Application No. 15/817,013, filed on November 17, 2017, and issued as U.S. Patent No. 10,165,879, on January 1, 2019; which is a continuation of U.S. Patent Application No. 15/398,569, filed on January 4, 2017, and issued as U.S. Patent No. 9,820,595, on November 21, 2017; which is a continuation of U.S. Patent Application No. 13/479,962, filed on May 24, 2012, and issued as U.S. Patent No. 9,782,028, on October 10, 2017; which claims priority to U.S. Patent Application No. 12/357,114, filed on January 21, 2009, and issued as U.S. Patent No. 8,191,727, on June 5, 2012. The complete disclosures of the above-identified patent applications and patents are hereby incorporated by reference in their entirety.

Field of the Disclosure

The present disclosure relates generally to drink containers, and more particularly to drink containers with mouthpiece assemblies that have a dispensing configuration and a stowed configuration.

Background of the Disclosure

For some time, people have recognized the need to stay hydrated. Conventionally, many individuals carry drink bottles that contain water or other potable beverages. These bottles are typically formed from plastic or metal and include a cap. Some conventional drink bottles include a threaded or other neck from which a user drinks liquid contained in the drink bottle

after removal of the cap. Some conventional drink bottles include a spout, or nozzle, from which the drink liquid may be drawn from the drink bottle without removing the cap of the drink bottle. Conventional spouts typically include a flexible straw or a rigid spout having an outlet through which drink liquid may flow.

Summary of the Disclosure

Drink containers according to the present disclosure include a liquid container and a cap assembly with a mouthpiece assembly that is adapted to be selectively configured between a dispensing configuration, in which drink liquid may be selectively dispensed from the liquid container, and a stowed configuration, in which drink liquid is restricted from being dispensed from the liquid container. In some examples, the mouthpiece assembly includes a tube portion, at least a portion of which defines a crimping region that is constructed of a resiliently deformable material and that is adapted to restrict the flow of drink liquid therethrough when the mouthpiece assembly is in the stowed configuration. Some examples of drink containers according to the present disclosure further include a user-release mechanism that is adapted to automatically, upon user actuation, release the mouthpiece assembly from the stowed configuration to the dispensing configuration. In some examples, the mouthpiece assembly is biased toward the dispensing configuration and thus moves automatically under its bias upon release by the user-release mechanism. In some examples, the mouthpiece assembly includes a user-actuated mouthpiece, such as a bite-actuated mouthpiece, having an open position and a closed position. Such a mouthpiece may enable a user to selectively receive drink liquid from the liquid container via the mouthpiece assembly when the mouthpiece assembly is in the dispensing configuration and the user-actuated mouthpiece is in the open position.

Brief Description of the Drawings

Fig. 1 is a schematic illustration of a drink container according to the present disclosure with the drink container's mouthpiece assembly illustrated in a dispensing configuration.

Fig. 2 is a schematic illustration of the drink container of Fig. 1 with the mouthpiece
5 assembly illustrated in a stowed configuration.

Fig. 3 is another schematic illustration of a drink container according to the present disclosure with the drink container's mouthpiece assembly illustrated in a dispensing configuration.

Fig. 4 is a schematic illustration of the drink container of Fig. 3 with the mouthpiece
10 assembly illustrated in a stowed configuration.

Fig. 5 is a schematic illustration of at least a portion of a mouthpiece assembly according to the present disclosure.

Fig. 6 is a side view of an illustrative, non-exclusive example of at least a portion of a mouthpiece assembly according to the present disclosure.

Fig. 7 is an isometric view of an illustrative, non-exclusive example of a drink container
15 according to the present disclosure including the mouthpiece assembly of Fig. 6, with the drink container illustrated with the mouthpiece assembly in its dispensing configuration.

Fig. 8 is an isometric view of the drink container of Fig. 7 with its mouthpiece assembly in its stowed configuration.

Fig. 9 is a top view of the cap assembly of the drink container of Fig. 7 with the cap
20 assembly's mouthpiece assembly in its dispensing configuration.

Fig. 10 is a top view of the cap assembly of Fig. 9 with the mouthpiece assembly in its stowed configuration.

Fig. 11 is an isometric exploded view of the cap assembly of Fig. 9.

Fig. 12 is a cross-sectional side elevation view of the cap assembly of Fig. 9 with the mouthpiece assembly in its dispensing configuration.

Fig. 13 is a cross-sectional side elevation view of the cap assembly of Fig. 9 with the
5 mouthpiece assembly in its stowed configuration.

Detailed Description and Best Mode of the Disclosure

Drink containers according to the present disclosure are schematically illustrated in Figs. 1–4 and are indicated generally at 10. Drink containers 10 according to the present disclosure are designed to receive and selectively dispense to a user a volume of potable drink liquid. Illustrative, non-exclusive examples of drink liquids that may be used in drink containers 10 according to the present disclosure include such potable liquids as water, juice, sports drinks, milk, soft drinks, and the like. Drink containers 10 include a liquid container 12 and a cap assembly 14 having a unique mouthpiece assembly.

Liquid containers 12 according to the present disclosure are adapted to receive and hold or otherwise contain up to a predetermined volume of drink liquid 22 for selective consumption by a user. Liquid containers 12 may include an open neck 20, through which drink liquid 22 may be selectively poured, or otherwise dispensed, into an internal compartment 24 of the liquid container, and from which the drink liquid may be selectively dispensed from the internal compartment to a user. It is within the scope of the present disclosure that neck 20 may (but is not required in all embodiments to) define the only opening through which drink liquid may be added to or removed from the liquid container. As discussed in more detail herein, when cap assembly 14 is operatively coupled to the liquid container, this selective dispensing of the drink liquid may be responsive to whether or not a mouthpiece assembly of the cap assembly has been configured to a dispensing configuration, and in some embodiments, whether a mouthpiece portion of the mouthpiece assembly has been configured to an open configuration. As used herein, “selective” and “selectively,” when modifying an action, movement, configuration, or other activity of one or more components or characteristics of a drink container according to the present disclosure, means that the specified action, movement, configuration, or other activity is

a direct or indirect result of user manipulation of an aspect of, or one or more components of, the drink container.

Liquid containers 12 may have any suitable shape and be formed from any suitable material or combination of materials to hold up to a predetermined volume of drink liquid.

5 Illustrative, non-exclusive examples of suitable sizes, or capacities, of liquid containers 12 (i.e., volume of drink liquid 22 able to be received into a liquid container at one time) include 4 oz., 6 oz., 8 oz., 10 oz., 12 oz., 16 oz., 20 oz., 24 oz., 32 oz., 36 oz., 4–11 oz., 12–19 oz., 19–25 oz., 12–36 oz., 25–36 oz., and 10–70 oz. (with these illustrative examples referring to liquid (fluid) ounces of drink liquid that may be received at one time into an empty liquid container). It is
10 within the scope of the present disclosure that liquid containers having different sizes, including sizes that are smaller than, larger than, or within the illustrative sizes and/or ranges presented above, may be used without departing from the scope of the present disclosure.

An illustrative, non-exclusive example of a material that may be used to construct liquid containers 12 according to the present disclosure includes the TRITAN™ copolyester polymer
15 developed by Eastman Chemical Company. Other illustrative, non-exclusive examples of materials that may be suitable for construction of liquid containers according to the present disclosure include polycarbonate and metal, such as aluminum. Further illustrative, non-exclusive examples are disclosed in U.S. Patent Application Publication No. 2006/0226110, the entire contents of which are hereby incorporated by reference.

20 Liquid containers 12 may be (but are not required to be) rigid or at least semi-rigid and may include a bottom surface 26 such that a liquid container may be generally self-supporting, or free-standing. In such embodiments, drink containers 10 may be referred to as drink bottles. In some illustrative, non-exclusive embodiments, a liquid container 12 according to the present

disclosure may be constructed of polyethylene or other material that permits the liquid container to be reversibly collapsed during use. Such an illustrative, non-exclusive example may permit opposing portions of the liquid container to be urged toward or even into contact with each other to reduce the volume of the liquid container and thereby aid in the dispensing of drink liquid 22 therefrom. In such an embodiment, the liquid container may be configured to return automatically to its prior configuration upon reduction of the pressure that was applied to urge the sides of the liquid container toward each other.

Cap assemblies 14 according to the present disclosure may be adapted to be removably coupled to a liquid container 12 to cover, or otherwise enclose, the neck 20 thereof. When so coupled to a liquid container, a cap assembly 14 restricts drink liquid within the liquid container's internal compartment 24 from being dispensed from the drink container other than through a liquid passage 36 defined by the cap assembly. When this liquid passage is obstructed or otherwise closed or sealed, the cap assembly prevents drink liquid from being dispensed from the liquid container. Accordingly, any drink liquid in the internal compartment of the liquid container is prevented from being dispensed to a user or otherwise removed from the liquid container until either the cap assembly is uncoupled from the liquid container or until the liquid passage is configured by a user to a configuration in which drink liquid may flow therethrough.

Cap assemblies 14 according to the present disclosure include a base 16 and a mouthpiece assembly 18. Furthermore, cap assemblies 14 define a liquid passage 36, through which drink liquid 22 may be selectively drawn, or otherwise dispensed, by a user from the internal compartment of an attached liquid container 12.

Although not required in all embodiments, cap assembly 14 is typically removably coupled to liquid container 12, such as to neck 20 thereof, to permit selective and non-destructive

removal and replacement (i.e., uncoupling and recoupling) of the cap assembly relative to the liquid container. For example, cap assembly 14 may be uncoupled from the liquid container to permit the liquid container to receive a volume of drink liquid, after which the cap assembly may be recoupled to the liquid container. Accordingly, drink containers 10 according to the present disclosure may include a coupling assembly 32, with the liquid container 12 including coupling structure 30 and the cap assembly 14 including coupling structure 28, which is adapted to selectively mate with coupling structure 30. In such an embodiment, neck 20 of the liquid container may include coupling structure 30, and base 16 of cap assembly 14 may include coupling structure 28. Coupling assembly 32 may provide a liquid-tight connection between the cap assembly and the liquid container. When such a connection is established between the cap assembly and the liquid container, the cap assembly may restrict liquid from being dispensed from the drink container other than through a through-passage 34 and/or a liquid passage 36 defined by the cap assembly. Illustrative, non-exclusive examples of coupling assembly 32 that may be incorporated into drink containers according to the present disclosure include (but are not limited to) threads, snap-fit arrangements, friction-fit arrangements, clasp arrangements, etc.

Base 16 further includes a through-passage 34 through which the mouthpiece assembly 18 at least partially, if not completely, extends to enable the mouthpiece assembly to receive drink liquid from the internal compartment 24 of liquid container 12 and selectively permit the drink liquid to flow through the liquid passage defined by the mouthpiece assembly for dispensing to a user.

Mouthpiece assemblies 18 according to the present disclosure define the liquid passage 36, through which drink liquid from the liquid container may be selectively drawn by a user. Mouthpiece assemblies 18 define an inlet 46, which is in fluid communication with the internal

compartment of the liquid container when the cap assembly is coupled thereto, and an outlet 42, through which drink liquid from the liquid container may be selectively dispensed through the liquid passage to a user. Mouthpiece assemblies 18 may be selectively configured between a dispensing configuration 38, in which the mouthpiece assembly permits drink liquid to flow from the internal compartment of the liquid container (such as illustrated in Figs. 1 and 3) at least into the liquid passage of the mouthpiece assembly, and a stowed configuration 40, in which the mouthpiece assembly restricts the flow of drink liquid through the liquid passage to outlet 42 (such as illustrated in Figs. 2 and 4).

When operatively positioned to extend through the through-passage of the base, the mouthpiece assembly may be restricted from being removed therefrom, at least without first uncoupling the cap assembly from the drink container to permit access to the underside of the cap assembly. Mouthpiece assembly 18 may therefore be described as being anchored, or at least selectively anchored, to base 16 and/or to through-passage 34 of base 16. Additionally or alternatively, mouthpiece assembly 18 may in some embodiments be described as being configured to be non-destructively removed from through-passage 34 from the underside of the cap assembly but not from the top side of the cap assembly. As an illustrative, non-exclusive example, the mouthpiece assembly and the through-passage may have a friction-fit arrangement. As another illustrative, non-exclusive example, the mouthpiece assembly may include an anchor, or anchor portion, 86 that is sized so as not to fit through the through-passage of the base, such as by being too large to fit therethrough. Other configurations are also within the scope of the present disclosure.

As illustrated in Figs. 1 and 3, at least a portion of the mouthpiece assembly 18 (such as a mouthpiece portion 76 thereof) may project generally away from the base of the cap assembly

when the mouthpiece assembly is in the dispensing configuration 38, and as illustrated in Figs. 2 and 4, at least a portion of the mouthpiece assembly (such as a mouthpiece portion 76 thereof) may extend generally against, adjacent to, or otherwise along the base of the cap assembly when the mouthpiece assembly is in the stowed configuration 40. In the schematically illustrated examples of Figs. 1–4, the mouthpiece assembly, or at least a portion thereof, is adapted to be pivoted by a user between the dispensing and stowed configurations. Other configurations are also within the scope of the present disclosure. For example, in some embodiments, a mouthpiece assembly may be configured to be selectively positioned within a range of dispensing positions.

Mouthpiece assemblies 18 include at least a crimping region 44, which permits drink liquid to flow through liquid passage 36 when the mouthpiece assembly is in the dispensing configuration, and which prevents, or at least restricts, drink liquid from flowing through liquid passage 36 when the mouthpiece assembly is in the stowed configuration. For example, in some mouthpiece assemblies 18 according to the present disclosure, the crimping region may be constructed of a resiliently deformable material such that when the mouthpiece assembly, or at least a portion thereof, is pivoted, or otherwise folded, the crimping region of the mouthpiece assembly becomes crimped, or folded on itself, such that opposing walls of the crimping region come into contact with each other and effectively, or at least partially, seal the liquid passage within the crimping region of the mouthpiece assembly. When in such a crimped configuration, drink fluid is restricted or even prevented from flowing through the liquid passage from its inlet to its outlet due to the obstruction formed by the crimping region.

Mouthpiece assemblies 18 according to the present disclosure are biased toward the dispensing configuration and therefore may be described as having a biasing mechanism 50. The

bias of a mouthpiece assembly according to the present disclosure may be provided by the internal bias created by the material from which at least a portion of the mouthpiece assembly is constructed. For example, at least a portion of a mouthpiece assembly, such as crimping region 44, may be constructed of a resiliently deformable material. An illustrative, non-exclusive
5 example of a suitable resiliently deformable material includes (but is not limited to) silicone. Additionally or alternatively, a biasing mechanism 50 may include at least one spring. Other configurations are also within the scope of the present disclosure.

Cap assemblies 14 according to the present disclosure further include a mouthpiece securing mechanism 52 that is adapted to selectively retain the mouthpiece assembly in stowed
10 configuration 40. Accordingly, a user of a drink container 10 may selectively configure, or move, the mouthpiece assembly from the dispensing configuration into the stowed configuration to prevent, or at least restrict, drink liquid from being dispensed from the drink container, for example, when not using the drink container, when transporting the drink container, or in other situations in which a user may wish to prevent drink liquid from being dispensed. When a user
15 wishes to drink from the drink container and thus dispense drink liquid therefrom, the user may reconfigure the mouthpiece assembly from stowed configuration 40 to dispensing configuration 38. In some embodiments, the mouthpiece assembly may be biased to its dispensing configuration, such as by including a suitable biasing mechanism or structure. In such an embodiment, the mouthpiece assembly may be configured to move automatically via, or under,
20 its bias to the dispensing configuration upon release from its stowed configuration.

Mouthpiece securing mechanism 52 includes a first catch structure 54 and a second catch structure 56. First catch structure 54 may be coupled to, integral to, formed as part of, or otherwise disposed on or within the base or other portion of the cap assembly, and second catch

structure 56 may be coupled to, integral to, formed as part of, or otherwise disposed on or within the mouthpiece assembly. Accordingly, first and second catch structures 54, 56 may be adapted to be selectively engaged, or mated, with each other to retain the mouthpiece assembly in the stowed configuration, as schematically illustrated in Figs. 2 and 4.

5 To permit the reconfiguring of the mouthpiece assembly from the stowed configuration to the dispensing configuration, cap assemblies 14 according to the present disclosure may (but are not required to) include a user release mechanism 60 that is adapted to automatically disengage the first and second catch structures from each other upon actuation of the user release mechanism and thereby release the mouthpiece assembly to move via its bias from the stowed
10 configuration to the dispensing configuration. As schematically illustrated in Figs. 1–4, the optional user release mechanism may therefore be tied to, or otherwise have a mechanical relationship with, the second catch structure of the base of the cap assembly. Additionally or alternatively, a user release mechanism according to the present disclosure may be tied to, or otherwise have a mechanical relationship with, the first catch structure of the mouthpiece
15 assembly. Although schematically illustrated as part of the base of the cap assembly, a user release mechanism according to the present disclosure may also be part of, integral to, or otherwise disposed on, the mouthpiece assembly or the liquid container. Other configurations are also within the scope of the present disclosure.

Cap assemblies 14 according to the present disclosure may further include (but are not
20 required to include) a vent, or air return assembly, 64 that is adapted to permit air from external the drink container to enter the internal compartment 24 of the liquid container 12 without having to pass through the liquid passage 36 of the mouthpiece assembly 18. Vent 64 is illustrated as being implemented on the base 16 of the cap assembly 14, with the particular

position and/or orientation of the vent on the base not being critical to a particular embodiment.

Vent 64, when present, may include no valve or may include a valve, such as a one-way and/or a pressure-actuated valve. It is within the scope of the present disclosure that the vent, when present, may be implemented as part of the mouthpiece assembly or as part of or on the liquid

5 container. Other configurations are also within the scope of the present disclosure. Illustrative, non-exclusive examples of vents that may be utilized with or incorporated into drink containers according to the present disclosure are disclosed in U.S. Patent Application Publication No. 2006/0226110, incorporated herein.

Cap assemblies 14 according to the present disclosure may include (but are not required
10 to include) a crimping portion 66 that is adapted to engage and crimp the crimping region 44 of the mouthpiece assembly. Additionally or alternatively, crimping portion 66 may be adjacent crimping region 44 of the mouthpiece assembly and adapted to engage and crimp the crimping region to prevent, or at least restrict, the flow of drink liquid through the liquid passage when the mouthpiece assembly is in the stowed configuration. That is, the crimping portion of the cap
15 assembly may engage and facilitate the crimping region's folding upon and/or over itself when the mouthpiece assembly is reconfigured from the dispensing configuration to the stowed configuration. Crimping portion 66 may include any suitable structure, such as a lip, a flange, an edge, or any other structure that engages, either directly or indirectly, the crimping region of the mouthpiece assembly and facilitates crimping thereof when the mouthpiece assembly is
20 reconfigured to the stowed configuration. For example, the crimping portion of the cap assembly may be defined by a portion, such as a lip or opening, of the through-passage 34. Other configurations are also within the scope of the present disclosure.

Drink containers 10 according to the present disclosure may include an optional straw 68 that is integral to or selectively coupled to, either directly or indirectly, the mouthpiece assembly and that extends into the liquid container, such as to (or at least proximate) a lower (internal) region of the liquid container. When present, straw 68 may enable a user to draw drink liquid from the drink container via outlet 42 without having to tip the drink container so that drink liquid may flow into the liquid passage 36. For example, some users may prefer to draw drink liquid from the drink bottle without having to lift and tilt the drink container to the generally horizontal or even inverted configuration that would be used if straw 68 were not present. Additionally or alternatively, some users may prefer or find it easier to draw drink liquid from the drink container using straw 68 rather than having to lift and tip the drink container.

Cap assemblies 14 according to the present disclosure optionally may include a collar member 70, as schematically represented in the example illustrated in Figs. 3–4. In some embodiments, the collar member may be rigid or at least semi-rigid. In some examples of cap assemblies 14, the collar member 70, when present, may (but is not required to) be described as a component, or sub-part, of mouthpiece assembly 18. When present, the collar member may be pivotally coupled to the base or another portion of the cap assembly. In such examples, the cap assemblies may be described as including a hinge arrangement between the collar member and the base of the cap assembly such that the collar member together with at least a portion of the mouthpiece assembly may be pivoted from the stowed configuration to the dispensing configuration, as indicated by an arrow in Fig. 4, and vice versa. In such examples, the optional crimping portion 66 of the cap assembly may be defined by at least a portion of the collar member. In some examples, the collar member may be described as being external to the liquid passage defined by the mouthpiece assembly. Additionally or alternatively, collar members

according to the present disclosure may surround, at least partially surround, encircle, or at least partially encircle a portion of the mouthpiece assembly, such as the crimping region of the mouthpiece assembly. Additionally or alternatively, collar members according to the present disclosure may include more than one discrete component, with at least one or more such
5 discrete components being generally adjacent a portion of the mouthpiece assembly, including the crimping region of the mouthpiece assembly. Collar members according to the present disclosure also may be described as pivoting members or crimping members.

In examples of drink containers 10 that include a collar member 70, second catch structure 56 of mouthpiece securing mechanism 52 may be (but is not required to be) integral to,
10 part of, or otherwise disposed on the collar member. Additionally or alternatively, examples of drink containers according to the present disclosure that include collar member 70 may include a second catch structure 56 that is integral to, part of, or otherwise disposed on a portion of, or another portion of, the mouthpiece assembly.

Fig. 5 schematically depicts an illustrative, non-exclusive example of a mouthpiece
15 assembly 18, or at least a portion thereof, according to the present disclosure, which may be used with any drink container 10 and/or cap assembly 14 according to the present disclosure. As discussed, a mouthpiece assembly according to the present disclosure may optionally include a collar member. As illustrated and discussed, mouthpiece assembly 18 defines liquid passage 36 through which drink liquid may selectively flow, and further defines inlet 46 and outlet 42 of the
20 liquid passage.

Fig. 5 graphically illustrates that mouthpiece assemblies 18 according to the present disclosure (including those depicted in Figs. 1-4) include at least a mouthpiece portion 76 and a tube, or tube portion, 78. Mouthpiece portion 76 includes outlet 42 and is adapted to permit a

user to selectively receive and consume drink liquid from the drink container. Mouthpiece portion 76 may take a variety of configurations including (but not limited to) mouthpiece portions that include a user-actuated valve adapted to permit selective dispensing of drink liquid from the drink container, mouthpiece portions that permit a user to draw, or suck, drink liquid from the drink container, mouthpiece portions that permit a user to squeeze drink liquid from the drink container, and/or other configurations of mouthpiece portions. Illustrative, non-exclusive examples of mouthpiece portions, including bite-actuated mouthpieces, that may be utilized with or incorporated into mouthpiece assemblies according to the present disclosure are disclosed in U.S. Patent Application Publication No. 2006/0226110, incorporated herein.

In examples of mouthpiece portions that include a user-actuated valve, such as a bite-actuated valve, the user-actuated valve may restrict dispensing of liquid from the liquid container even though the mouthpiece assembly may be in the dispensing configuration. When the mouthpiece portion includes a bite-actuated valve, which refers to a valve that is urged from a closed configuration to an open configuration by a user biting upon the valve (such as opposed sidewalls thereof) the mouthpiece portion may be referred to as a bite-actuated mouthpiece. Bite-actuated valves (and/or bite-actuated mouthpieces) are typically biased to a closed configuration, and thus automatically return from an open configuration to a closed configuration upon release of the compressive forces being applied thereto by a user, such as by a user's teeth and/or mouth.

In examples of drink containers that include a collar member, as discussed, mouthpiece portions according to the present disclosure may (but are not required to) include structure 80 for securing the mouthpiece portion to the collar member. In some such examples, structure 80 may include one or more of a lip, flange, or other protrusion 82 adapted to engage and mate with a corresponding one or more of a channel or depression of the collar member, when present.

Additionally or alternatively, structure 80 may include one or more of a channel or depression 84 that defines a seat for, and that is adapted to engage and mate with, a corresponding one or more of a lip, flange, or other protrusion of the collar member, when present. Accordingly, when assembled, structure 80 may restrict relative movement between the mouthpiece portion and the collar member and/or may restrict lateral translation of the collar member relative to the mouthpiece portion. Additionally or alternatively, other portions of mouthpiece assemblies, including the tube portion, may incorporate structure 80. Structure 80 may additionally or alternatively be referred to as mouthpiece-securing structure 80.

Tube 78 defines at least a portion of liquid passage 36 for drink liquid to flow from the internal compartment of the liquid container to mouthpiece portion 76. Tube 78 may include crimping region 44, which, as discussed, may be constructed of a resiliently deformable material and be adapted to prevent, or at least restrict, the flow of drink liquid through the liquid passage when the mouthpiece is in the stowed configuration. In some embodiments, tube 78 may include or define inlet 46 of the liquid passage. In embodiments where the tube does not include or define the inlet of the liquid passage, the tube is in fluid communication with the inlet of the passage.

As discussed, mouthpiece assemblies 18 according to the present disclosure may be adapted for selective anchoring, or coupling, to the base of the cap assembly and/or through the through-passage of the cap assembly. In some such examples, mouthpiece assemblies 18 may include structure for securing the mouthpiece assembly to the base of the cap assembly. For example, the mouthpiece assembly may include an anchor, or anchor portion, 86 that is adapted to prevent, or at least restrict, passing of the anchor portion through the through-passage of the base of the cap assembly. Anchor portion 86 may extend from tube 78 and/or may include a

flange 88, at least a portion of which may be sized to prevent, or at least restrict, passing of the anchor portion through the through-passage of the base of the cap assembly. Additionally or alternatively, anchor portion 86 may extend into tube 78 and/or may define a channel, depression, or other recess 90 that is sized and shaped to engage and mate with corresponding structure of the base of the cap assembly. Anchor portion 86 may, but is not required to, define the inlet to the liquid passage through the mouthpiece assembly. Anchor portions 86 and/or tubes 78 according to the present disclosure may further include (but are not required to include) an, or an additional, tab, or flange, 92 shaped, sized, or otherwise adapted for a user to grasp and thereby remove the mouthpiece assembly from the base of the cap assembly. Mouthpiece assemblies that include such an anchor portion may be described as being configured to be selectively coupled to and decoupled from the base of the cap assembly via an underside of the base, and thus not from a top side of the cap assembly.

Turning now to Figs. 6–13, an illustrative, non-exclusive example of a drink container 10 according to the present disclosure and various component parts thereof are illustrated. Where appropriate, the reference numerals from the schematic illustrations of Figs. 1–5 are used to designate corresponding parts of drink containers 10 according to the present disclosure; however, the examples of Figs. 6–13 are non-exclusive and do not limit the present disclosure to the illustrated embodiment. That is, neither drink containers nor various component parts thereof are limited to the specific embodiment disclosed and illustrated in Figs. 6–13, and drink containers according to the present disclosure may incorporate any number of the various aspects, configurations, characteristics, properties, etc. illustrated in the embodiment of Figs. 6–13, of Figs. 1–4, as well as variations thereof and without requiring the inclusion of all such aspects, configurations, characteristics, properties, etc. For the purpose of brevity, each

previously discussed component part, or variant thereof, may not be discussed again with respect to Figs. 6-13; however, it is within the scope of the present disclosure that the previously discussed features, materials, variants, etc. may be utilized with the illustrated embodiment of Figs. 6-13. Similarly, it is also within the scope of the present disclosure that all of the
5 component parts, and portions thereof, that are illustrated in Figs. 6-13 are not required to all embodiments according to the present disclosure.

An illustrative, non-exclusive example of a mouthpiece assembly 18, or at least a portion thereof, that may be used with drink containers 10 according to the present disclosure is illustrated in Fig. 6 and generally indicated at 118. Mouthpiece assembly 118 is illustrated
10 without an optional corresponding collar member; however, it is within the scope of the present disclosure that mouthpiece assembly 118 may further include a collar member, such as any of the collar members disclosed elsewhere herein. Mouthpiece assembly 118 includes a mouthpiece portion 76 in the form of a bite-actuated mouthpiece 176, a tube 78, and an anchor portion 86. The bite-actuated mouthpiece, the tube, and the anchor portion collectively define a liquid
15 passage 36, with liquid passage 36 including an inlet 46 and an outlet 42. Tube 78 includes a crimping region 44.

As illustrated, bite-actuated mouthpiece 176 includes outlet 42, through which drink liquid may be selectively dispensed. Fig. 9 illustrates the bite-actuated mouthpiece in an open, or dispensing, configuration with the outlet open to permit drink liquid to be dispensed
20 therethrough, for example, as configured when a user applies opposing forces thereto with his/her teeth and/or lips. Bite-actuated mouthpiece 176 also includes a pair of channels 84 (as perhaps best seen in Fig. 11) that are adapted to engage and mate with corresponding structure of a collar member.

Anchor portion 86 includes a flange 88 sized and shaped to prevent, or at least restrict, mouthpiece assembly 118 from passing through a corresponding through-passage of a base of a cap assembly. Anchor portion 86 further includes three additional flanges, or ribs, 94 that are sized and shaped to provide a friction-fit arrangement with a through-passage of a corresponding
5 base of a cap assembly. Anchor portion 86 also includes a tab 92 sized and shaped for a user to grasp and thereby remove the mouthpiece portion, the tube, and the anchor portion from a base of a corresponding cap assembly by urging the mouthpiece assembly downward and away from the underside of the cap assembly.

The illustrative, non-exclusive bite-actuated mouthpiece 176, tube 78, and anchor portion
10 86 of mouthpiece assembly 118 illustrated in Fig. 6 are constructed as a unitary assembly of a resiliently deformable material. As illustrated, the mouthpiece portion has a greater exterior perimeter than the tube, and the anchor portion has a greater exterior perimeter than the tube and the mouthpiece portion. This unitary construction and the illustrative, non-exclusive relative sizes are not required in all embodiments, and other configurations are within the scope of the
15 present disclosure.

An illustrative, non-exclusive example of a drink container 10 including mouthpiece assembly 118 of Fig. 6 is illustrated in Figs. 7–8, is generally indicated at 100, and may be referred to as a drink bottle 100. Drink bottle 100 includes a liquid container 12 in the form of a rigid bottle 112, and a cap assembly 14 indicated generally at 114. Cap assembly 114 is further
20 illustrated in Figs. 9–13 with Figs. 7, 9, and 12 illustrating mouthpiece assembly 118 in a dispensing configuration, and with Figs. 8, 10, and 13 illustrating mouthpiece assembly 118 in a stowed configuration. In the illustrative non-exclusive example of drink bottle 100, a portion of the mouthpiece assembly is adapted to be selectively pivoted between the dispensing

configuration and the stowed configuration, and as discussed, may be biased to pivot automatically to the dispensing configuration when not restrained from moving under this bias.

Cap assembly 114 of drink bottle 100 includes a base 116 that includes a vent 64 in the form of an air return assembly with a pressure-actuated valve, a mouthpiece assembly 118 that includes a collar member 70, and a user release mechanism 60. Cap assembly 114 of drink bottle 100 further includes a handle 202 that projects away from base 116 and that includes a pair of lateral guards 204 that at least partially define a stowing region 206. Stowing region 206 is sized and otherwise adapted to receive at least a portion of the mouthpiece assembly between the pair of lateral guards when the mouthpiece assembly is in the stowed configuration. In the non-exclusive example of drink bottle 100, stowing region 206 receives bite-actuated mouthpiece 176 and at least a portion of tube 78. When present, handle 202 may (but is not required to) define a closed perimeter, or boundary, 208 through which a lanyard, karabiner, belt, strap, user's finger, or other structure may extend to hold and/or retain the drink bottle in a selected position. Other configurations of cap assemblies and handles, including cap assemblies without handles, are also within the scope of the present disclosure. It is also within the scope of the present disclosure that other cap assemblies 14 and drink containers 10 may include a handle, including but not limited to the illustrative, non-exclusive example of a handle depicted in Figs. 7-13.

The illustrative, non-exclusive example of mouthpiece assembly 118 of drink bottle 100 includes an optional rigid collar member 70, which is generally indicated at 170. Rigid collar member 170 defines a through-passage 210 through which tube 78 and a portion of bite-actuated mouthpiece 176 extends. As perhaps best seen in Figs. 12-13, through-passage 210 is defined by an opening 212 that is distal to the anchor portion of the mouthpiece assembly and an opening 214 that is proximal to the anchor portion of the mouthpiece assembly. Opening 212 is defined

by a rim 216 that engages the bite-actuated mouthpiece assembly 176. That is, rim 216 engages and mates with channels 84 of the mouthpiece portion to effectively couple the rigid collar member to the mouthpiece portion and generally restrict lateral translation of the rigid collar member relative to the mouthpiece portion. Accordingly, when the rigid collar member is pivoted, at least the mouthpiece portion of the mouthpiece assembly pivots with it.

Opening 214 of the rigid collar member is defined by a rim 218, which further defines a crimping portion 66. As discussed, crimping portion 66 is adjacent crimping region 44 of tube 78 of the mouthpiece assembly. Accordingly, when the rigid collar member is pivoted from the dispensing configuration to the stowed configuration, the crimping portion 66 engages and crimps the crimping region of the tube to thereby restrict the flow of drink liquid through the liquid passage when the mouthpiece assembly is in the stowed configuration, as perhaps best seen in Fig. 13.

In the illustrated example, the crimping portion of the rigid collar member does not engage the crimping region of the tube when the mouthpiece assembly is in the dispensing configuration, as perhaps best seen in Fig. 12; however, it is within the scope of the present disclosure that the crimping portion of the rigid collar member does engage and even partially crimps the crimping region of the tube when the mouthpiece assembly is in the dispensing configuration, as long as the tube is not crimped to such a degree that drink liquid is prevented from flowing through the liquid passage when the mouthpiece assembly is in the dispensing configuration.

The rigid collar member of drink bottle 100 is pivotally, or hingedly, coupled to the handle of cap assembly 114. Accordingly, handle 202 and rigid collar member 170 collectively define a hinge 230, which is indicated in Fig. 9. Lateral guards 204 each include a cylindrical

depression 232 that is sized and shaped to mate with a corresponding cylindrical protrusion 234 extending from opposing sides of the rigid collar member, as perhaps best seen in Fig. 11.

As discussed, cap assemblies 14 according to the present disclosure include a mouthpiece securing mechanism 52 that is adapted to selectively retain the mouthpiece assembly in the stowed configuration. As illustrated, the base of cap assembly 114 includes a first catch structure 54, and the rigid collar member 170 includes a second catch structure 56 that is adapted to engage and mate with the first catch structure when the mouthpiece assembly is in the stowed configuration. The first catch structure of cap assembly 114 includes a pair of cylindrical depressions 154 extending into the lateral guards 204 of the optional handle 202, and the second catch structure of the rigid collar member includes a pair of hemispherical protrusions 156 positioned and sized to mate with the depressions 154 and thereby retain the mouthpiece assembly in its stowed configuration upon a user configuring the mouthpiece assembly to its stowed configuration.

The lateral guards of drink cap assembly 114 further include (but are not required to include) a pair of channels, or depressions, 236 that provide clearance for the hemispherical protrusions 156 to pass when the mouthpiece assembly is reconfigured from the dispensing configuration to the stowed configuration and the first and second catch structures are engaged. Channels 236 may also be described as ramps. When the channels 236 are present, the hemispherical protrusions of the mouthpiece securing mechanism will not be overly worn-down due to engagement and friction with the lateral guards through repeated reconfigurations of the mouthpiece assembly by a user.

Cap assembly 114 of drink bottle 100 includes an optional user release mechanism 60, indicated generally at 160, and which is adapted to permit the reconfiguring of the mouthpiece

assembly from the stowed configuration to the dispensing configuration. As perhaps best seen in Fig. 11, user release mechanism 160 of drink bottle 100 includes a sliding member 238. Sliding member 238 includes a user engagement pad 240 and an actuator, such as may be implemented and/or described as a generally planar portion 242, that includes a pair of tabs 244 that slide
5 within a pair of corresponding channels 246 that extend into lateral guards 204 of handle 202. Sliding member 238 is configured to slide relative to the base of the cap assembly upon user actuation of the user release mechanism 160 (i.e., upon user engagement and translation of the user engagement pad 240). Planar portion 242 of sliding member 238 partially defines stowing region 206 together with lateral guards 204 of handle 202.

10 Sliding member 238 also includes a pair of biasing members 250 that slide within channels 246, and which may be integral with the sliding member. Biasing members 250 may be described as springs or leaf springs and may include arcuate projections, or tabs, that are biased to the positions illustrated in Fig. 11. A pair of wedge-shaped tabs 252 is positioned within the channels 246, and when the sliding member 238 is caused to translate toward tube 78 of the
15 mouthpiece assembly in response to user engagement and translation of the user engagement pad, biasing members 250 are compressed against the wedge-shaped tabs. When the user engagement pad is released by a user, the sliding member is biased, or springs, away from tube 78 of the mouthpiece assembly.

Sliding member 238 includes a collar engagement portion 254 that is adapted to engage
20 the rigid collar member and force disengagement of the first and second catch structures upon actuation of the user release mechanism (i.e., upon engagement and translation of the user engagement pad). The collar engagement portion 254 of drink bottle 100 is in the form of a tab that extends away from the planar portion. Accordingly, upon actuation of user release

mechanism 160, the collar engagement portion engages rim 216 of the rigid collar member and forces disengagement of the first and second catch structures. Additionally or alternatively, a collar engagement portion according to the present disclosure may be adapted to translate relative to and wedge the rigid collar member so that the rigid collar member is forced to pivot.

5 Pivoting of the rigid collar member thereby forces disengagement of the first and second catch structures and thus forces the mouthpiece assembly to reconfigure from the stowed configuration to the dispensing configuration due to the bias of the mouthpiece assembly.

Sliding member 238 includes an optional depression 256 that extends into planar portion 242 and adjacent tab 254 (as perhaps best seen in Fig. 11). Depression 256 is sized and shaped to
10 receive at least a portion of the rigid collar member when the mouthpiece assembly is in the stowed configuration.

In addition, or in the alternative, to user release mechanism 160 providing a mechanism for releasing the mouthpiece assembly from the stowed configuration to the dispensing configuration, mouthpiece assemblies according to the present disclosure also may include (but
15 are not required to include) another form of user release mechanism 60. For example, the rigid collar member of drink bottle 100 may include a user engagement portion 260 that, when the mouthpiece assembly is in the stowed configuration, is adapted to receive a user-imparted force that pivots the mouthpiece assembly and thereby forces disengagement of the first and second catch structures of the mouthpiece securing mechanism. User engagement portion 260 may be
20 described as a user release mechanism 60, or at least a portion thereof, according to the present disclosure.

Rigid collar member 170 of drink bottle 100 further includes an optional stop surface 262 that does not engage the base of the cap assembly when the mouthpiece assembly is in the

stowed configuration but that does engage the base of the cap assembly when the mouthpiece assembly is in the dispensing configuration. Accordingly, the stop surface may thereby define a dispensing position of the mouthpiece portion. In other words, when the mouthpiece assembly is released from the stowed configuration, the stop surface may prevent the mouthpiece portion
5 from pivoting beyond its intended position for dispensing drink liquid therefrom. Accordingly, the stop surface further prevents the tube of the mouthpiece assembly from folding over on itself, or crimping, in a direction opposite from the intended stowed configuration in which crimping of the tube is desired. Therefore, when a user is consuming drink liquid from the mouthpiece, the user may be prevented from accidentally restricting the liquid passage simply by imparting a
10 pivoting force on the mouthpiece assembly away from the stowed configuration.

As seen in Figs. 12–13, straw 68, when present, may be sized to be received within at least a portion of the liquid passage 36 of the mouthpiece assembly in a friction fit arrangement. Other configurations are also within the scope of the present disclosure.

The following lettered paragraphs represent non-exclusive ways of describing inventions according to the present disclosure.

A. A drink container, comprising:

a liquid container having a neck with an opening and having an internal compartment
5 sized to hold a volume of potable drink liquid;

a cap assembly removably coupled to the liquid container, the cap assembly comprising:

a base removably coupled to the neck of the liquid container and including a
through-passage;

a first catch structure;

10 a mouthpiece assembly extending through the through-passage of the base and
defining a liquid passage through which drink liquid from the liquid container may selectively
flow, and further defining an inlet through which drink fluid in the internal compartment may
enter the liquid passage and an outlet through which drink liquid from the internal compartment
of the liquid container is selectively dispensed, wherein the mouthpiece assembly is configured
15 to be selectively configured between a dispensing configuration, in which the liquid passage
permits drink liquid to flow from the internal compartment at least into the liquid passage, and a
stowed configuration, in which the liquid passage restricts the flow of drink liquid through the
liquid passage, wherein the mouthpiece assembly is biased to the dispensing configuration, and
wherein the mouthpiece assembly comprises:

20 a mouthpiece portion that includes the outlet;

a tube that defines at least a portion of the liquid passage for drink liquid
to flow from the internal compartment to the mouthpiece portion, wherein the tube includes a
crimping region constructed of a resiliently deformable material and is adapted to restrict the

flow of drink liquid through the liquid passage when the mouthpiece assembly is in the stowed configuration; and

a second catch structure adapted to be selectively engaged with the first catch structure to retain the mouthpiece assembly in the stowed configuration; and

5 a user release mechanism adapted to automatically disengage the first and second catch structures upon actuation of the user release mechanism and thereby release the mouthpiece assembly to move via its bias from the stowed configuration to the dispensing configuration.

A1 The drink container of paragraph A, wherein the user release mechanism includes
10 a mouthpiece assembly engagement portion adapted to engage the mouthpiece assembly and force disengagement of the first and second catch structures upon actuation of the user release mechanism.

A2 The drink container of any preceding paragraph, wherein the mouthpiece assembly further includes a rigid collar member that is pivotally coupled to the base and which
15 includes a crimping portion; wherein the crimping portion is adjacent the crimping region of the tube and external of the liquid passage, wherein the rigid collar member engages and crimps the crimping region to restrict the flow of drink liquid through the liquid passage when the mouthpiece assembly is in the stowed configuration.

20 A2.1 The drink container of paragraph A2, wherein the rigid collar member includes the second catch structure, and further wherein the user release mechanism includes a collar engagement portion that is adapted to engage the rigid collar member and force disengagement of the first and second catch structures upon actuation of the user release mechanism.

A2.1.1 The drink container of paragraph A2.1, wherein when the mouthpiece assembly is in the stowed configuration and upon actuation of the user release mechanism, the collar engagement portion is adapted to translate relative to and wedge the rigid collar member to force the rigid collar member to pivot.

5 A2.2 The drink container of paragraph A2, wherein the rigid collar member is engaged with the mouthpiece portion.

A2.2.1 The drink container of paragraph A2.2, wherein the rigid collar member does not engage the tube when the mouthpiece assembly is in the dispensing configuration.

10 A2.2.2 The drink container of paragraph A2.2, wherein the mouthpiece portion includes a seat for the rigid collar member in which the rigid collar member engages the mouthpiece portion, wherein the seat restricts relative movement between the mouthpiece portion and the rigid collar member.

A2.3 The drink container of paragraph A2, wherein the rigid collar member includes a user engagement portion, wherein when the mouthpiece assembly is in the stowed configuration and upon a user imparted force on the user engagement portion that pivots the rigid collar member, the first and second catch structures disengage and thereby release the mouthpiece assembly to move via its bias from the stowed configuration to the dispensing configuration.

20 A2.4 The drink container of paragraph A2, wherein the rigid collar member includes a stop surface that does not engage the base of the cap assembly when the mouthpiece assembly is in the stowed configuration and that engages the base of the cap assembly when the mouthpiece assembly is in the dispensing configuration to define a dispensing position of the mouthpiece portion.

A3 The drink container of any preceding paragraph, wherein the crimping region at least partially biases the mouthpiece assembly to the dispensing configuration.

A4 The drink container of any preceding paragraph, wherein the mouthpiece portion and the tube are constructed as a unitary assembly of the resiliently deformable material.

5 A4.1 The drink container of any preceding paragraph, wherein the mouthpiece assembly further includes an anchor portion extending from the tube, wherein the anchor portion is sized to restrict passage of the anchor portion through the through-passage of the base of the cap assembly.

A6 The drink container of any preceding paragraph, wherein the cap assembly further
10 includes a handle that projects away from the base of the cap assembly, wherein the handle includes a pair of lateral guards that at least partially define a stowing region that receives at least a portion of the mouthpiece assembly between the pair of lateral guards when the mouthpiece assembly is in the stowed configuration.

A6.1 The drink container of paragraph A6, wherein the stowing region is at
15 least partially defined by a portion of the user release mechanism.

A6.1.1 The drink container of paragraph A6.1, wherein the user release mechanism includes an actuator that is configured to slide relative to the base of the cap assembly upon user actuation of the user release mechanism, wherein the stowing region is defined by at least the pair of lateral guards and the actuator of the user release mechanism.

20 A7 The drink container of any preceding paragraph, wherein the mouthpiece assembly is configured to be selectively coupled to and decoupled from an operative position on the base of the cap assembly via an underside of the base but not via a top side of the base.

A7.1 The drink container of paragraph A7, wherein the mouthpiece assembly further includes an anchor portion extending from the tube, wherein the anchor portion is sized to restrict passage of the anchor portion through the through-passage of the base of the cap assembly.

5 A7.1.1 The drink container of paragraph A7.1, wherein the mouthpiece portion, the tube, and the anchor portion are constructed as a unitary assembly of the resiliently deformable material.

A8 The drink container of any preceding paragraph, wherein the mouthpiece portion includes a bite-actuated mouthpiece.

10 A8.1 The drink container of paragraph A8, wherein the mouthpiece portion and the tube are constructed as a unitary assembly of the resiliently deformable material.

B. A drink container, comprising:

a liquid container having a neck with an opening and having an internal compartment sized to hold a volume of potable drink liquid;

a cap assembly removably coupled to the liquid container, the cap assembly comprising:

5 a base removably coupled to the neck of the liquid container and including a through-passage;

a mouthpiece assembly extending through the through-passage of the base and defining a liquid passage through which drink liquid from the liquid container may selectively flow, and further defining an outlet through which drink liquid is selectively dispensed, wherein
10 the mouthpiece assembly is configured to be selectively configured between a dispensing configuration, in which the liquid passage permits drink liquid to flow from the internal compartment, and a stowed configuration, in which the liquid passage restricts the flow of drink liquid through the liquid passage, wherein the mouthpiece assembly is biased to the dispensing configuration, and wherein the mouthpiece assembly comprises:

15 a mouthpiece portion including the outlet;

a tube that defines at least a portion of the liquid passage for drink liquid to flow from the internal compartment to the mouthpiece portion, wherein the tube includes a crimping region constructed of a resiliently deformable material and is adapted to restrict the flow of drink liquid through the liquid passage when the mouthpiece assembly is in the stowed
20 configuration, wherein the mouthpiece portion and the tube are constructed as a unitary assembly of the resiliently deformable material; and

a rigid collar member pivotally coupled to the base and including a crimping portion adjacent the crimping region of the tube and adapted to engage and crimp the

crimping region to restrict the flow of drink liquid through the liquid passage when the mouthpiece assembly is in the stowed configuration;

a mouthpiece securing mechanism adapted to selectively retain the mouthpiece assembly in the stowed configuration; and

5 a user release mechanism adapted to automatically release the mouthpiece assembly to move via its bias from the stowed configuration to the dispensing configuration.

B1 The drink container of paragraph B, wherein the mouthpiece portion includes a bite-actuated mouthpiece.

B2 The drink container of any of paragraphs B-B1, wherein the mouthpiece assembly
10 further includes an anchor portion extending from the tube, wherein the anchor portion is sized to restrict passage of the anchor portion through the through-passage of the base of the cap assembly.

B2.1 The drink container of paragraph B2, wherein the mouthpiece portion, the tube, and the anchor portion are constructed as a unitary assembly of the resiliently deformable
15 material.

B3 The drink container of any of paragraphs B-B2.1, wherein the rigid collar member is engaged with the mouthpiece portion.

B3.1 The drink container of paragraph B3, wherein the rigid collar member does not engage the tube when the mouthpiece assembly is in the dispensing configuration.

20 B3.1.1 The drink container of paragraph B3.1, wherein the mouthpiece portion includes a seat for the rigid collar member, with the rigid collar member engaging the mouthpiece portion therein, wherein the seat restricts relative movement between the mouthpiece portion and the rigid collar member.

B4 The drink container of any of paragraphs B-B3.1.1, wherein the rigid collar member includes a user engagement portion, wherein when the mouthpiece assembly is in the stowed configuration and upon a user imparted force on the user engagement portion that pivots the rigid collar member, the mouthpiece assembly is released from the stowed configuration.

5 B5 The drink container of any of paragraphs B-B4, wherein the rigid collar member includes a stop surface that does not engage the base of the cap assembly when the mouthpiece assembly is in the dispensing configuration and that engages the base of the cap assembly when the mouthpiece assembly is in the dispensing configuration to define a dispensing position of the mouthpiece portion.

10 C. A drink container, comprising
a liquid container having a neck with an opening and having an internal compartment sized to hold a volume of potable drink liquid;

a cap assembly removably coupled to the liquid container, the cap assembly comprising:

15 a base removably coupled to the neck of the liquid container and including a through-passage;

a mouthpiece assembly extending through the through-passage of the base and defining a liquid passage, wherein the mouthpiece assembly is configured to be selectively configured between a dispensing configuration in which the liquid passage permits drink liquid to flow from the internal compartment for consumption by a user and a stowed configuration in
20 which the liquid passage restricts the flow of drink liquid through the liquid passage, wherein the mouthpiece assembly is biased to the dispensing configuration, and wherein the mouthpiece assembly comprises:

a mouthpiece portion including an outlet through which drink liquid from the internal compartment may be dispensed when the mouthpiece assembly is in the dispensing configuration; and

means for selectively restricting the flow of drink liquid through the liquid passage when the mouthpiece assembly is in the stowed configuration;

means for selectively securing the mouthpiece assembly in the stowed configuration; and

means for automatically releasing the mouthpiece assembly from the stowed configuration to the dispensing configuration in response to a user input.

10 C1 The drink container of paragraph C, wherein the mouthpiece assembly is a bite-actuated mouthpiece that is biased to a closed configuration through which drink liquid may not flow.

C2 The drink container of any of paragraphs C-C1, wherein the mouthpiece portion and the means for selectively restricting are a unitary assembly of a resiliently deformable material.

15 C3 The drink container of paragraph C2, wherein the mouthpiece assembly further includes an anchor portion, wherein the anchor portion is sized to restrict passage of the anchor portion through the through-passage of the base of the cap assembly, and wherein the unitary assembly includes the anchor portion.

20 D. A mouthpiece assembly that defines a liquid passage through which drink liquid from a liquid container may selectively flow, comprising:

a mouthpiece portion that defines an outlet to the mouthpiece assembly through which drink fluid may be selectively dispensed;

a tube that defines at least a portion of the liquid passage for drink liquid to flow from the liquid container to the mouthpiece portion, wherein the tube is at least partially constructed of a resiliently deformable material; and

an anchor portion extending from the tube, wherein the anchor portion is adapted to
5 secure the mouthpiece assembly to a cap assembly of a liquid container;

wherein one of the tube and the anchor portion defines an inlet to the mouthpiece assembly through which drink fluid may selectively enter the liquid passage.

D1 The mouthpiece assembly of paragraph D, wherein the mouthpiece portion and the tube are constructed as a unitary assembly of the resiliently deformable material.

10 D2 The mouthpiece assembly of paragraph D, wherein the mouthpiece assembly, the tube, and the anchor portion are constructed as a unitary assembly of the resiliently deformable material.

D3 The mouthpiece assembly of any of paragraphs D–D2, wherein the mouthpiece portion has a greater exterior perimeter than the tube and the anchor portion has a greater exterior
15 perimeter than the tube.

D4 The mouthpiece assembly of any of paragraphs D–D3, wherein the tube includes a crimping region constructed of the resiliently deformable material and is adapted to restrict the flow of drink fluid through the liquid passage when the tube is crimped.

D5 The mouthpiece assembly of any of paragraphs D–D4, wherein the mouthpiece
20 assembly is configured to be selectively configured between a dispensing configuration, in which the liquid passage permits drink liquid to flow from the liquid container at least into the liquid passage, and a stowed configuration, in which the liquid passage restricts the flow of drink liquid

through the liquid passage, wherein the mouthpiece assembly is biased to the dispensing configuration.

D5.1 The mouthpiece assembly of paragraph D5, wherein the tube at least partially biases the mouthpiece assembly to the dispensing configuration.

5 D6 The mouthpiece assembly of any of paragraphs D–D5.1, wherein the mouthpiece portion includes a user-actuated valve.

D7 The mouthpiece assembly of any of paragraphs D–D6, wherein the mouthpiece portion includes a bite-actuated mouthpiece.

E A cap assembly, comprising:
10 a base adapted to be removably coupled to a liquid container and including a through-passage; and

a mouthpiece assembly according to any of paragraphs D–D7 and extending through the through-passage of the base.

E1 The cap assembly of paragraph E,
15 wherein the mouthpiece assembly is configured to be selectively configured between a dispensing configuration, in which the liquid passage permits drink liquid to flow from the internal compartment at least into the liquid passage, and a stowed configuration, in which the liquid passage restricts the flow of drink liquid through the liquid passage, wherein the mouthpiece assembly is biased to the dispensing configuration;

20 wherein the cap assembly includes a first catch structure; and

wherein the mouthpiece assembly includes a second catch structure adapted to be selectively engaged with the first catch structure to retain the mouthpiece assembly in the stowed configuration.

E2 The cap assembly of paragraph E1, wherein the cap assembly further includes a user release mechanism to automatically disengage the first and second catch structures upon actuation of the user release mechanism and thereby release the mouthpiece assembly to move via its bias from the stowed configuration to the dispensing configuration.

5 E2.1 The cap assembly of paragraph E2, wherein the user release mechanism includes a mouthpiece assembly engagement portion adapted to engage the mouthpiece assembly and force disengagement of the first and second catch structures upon actuation of the user release mechanism.

E2.2 The cap assembly of any of paragraphs E-E2.1,

wherein the tube include a crimping region;

wherein the mouthpiece assembly further includes a rigid collar member that is pivotally coupled to the base and which includes a crimping portion, wherein the crimping portion is adjacent the crimping region of the tube and external of the liquid passage, wherein the rigid collar member engages and crimps the crimping region to restrict the flow of drink liquid through the liquid passage when the mouthpiece assembly is in the stowed configuration.

E2.2.1 The cap assembly of paragraph E2.2, wherein the rigid collar member includes the second catch structure, and further wherein the user release mechanism includes a collar engagement portion that is adapted to engage the rigid collar member and force disengagement of the first and second catch structures upon actuation of the user release mechanism.

E2.2.1.1 The cap assembly of paragraph E2.2 or E2.2.1, wherein when the mouthpiece assembly is in the stowed configuration and upon actuation of the user release mechanism, the collar engagement portion is adapted to translate relative to and wedge the rigid collar member to force the rigid collar member to pivot.

E2.2.2 The cap assembly of any of paragraphs E2.2-E2.2.1.1, wherein the rigid collar member is engaged with the mouthpiece portion.

E2.2.2.1 The cap assembly of any of paragraphs E2.2-E2.2.2, wherein the rigid collar member does not engage the tube when the mouthpiece assembly is in the dispensing configuration.

E2.2.2.2 The cap assembly of any of paragraphs E2.2-E2.2.2.1, wherein the mouthpiece portion includes a seat for the rigid collar member in which the rigid collar member

engages the mouthpiece portion, wherein the seat restricts relative movement between the mouthpiece portion and the rigid collar member.

5 E2.2.3 The cap assembly of any of paragraphs E2.2-E2.2.2.2, wherein the rigid collar member includes a user engagement portion, wherein when the mouthpiece assembly is in the stowed configuration and upon a user imparted force on the user engagement portion that pivots the rigid collar member, the first and second catch structures disengage and thereby release the mouthpiece assembly to move via its bias from the stowed configuration to the dispensing configuration.

10 E2.2.4 The cap assembly of any of paragraphs E2.2-E2.2.3, wherein the rigid collar member includes a stop surface that does not engage the base of the cap assembly when the mouthpiece assembly is in the stowed configuration and that engages the base of the cap assembly when the mouthpiece assembly is in the dispensing configuration to define a dispensing position of the mouthpiece portion.

15 E3 The cap assembly of any of paragraphs E-E2.2.4, wherein the mouthpiece assembly is configured to be selectively configured between a dispensing configuration, in which the liquid passage permits drink liquid to flow from the internal compartment at least into the liquid passage, and a stowed configuration, in which the liquid passage restricts the flow of drink liquid through the liquid passage, wherein the mouthpiece assembly is biased to the dispensing configuration; and

20 wherein the cap assembly further comprises:

a handle that projects away from the base of the cap assembly, wherein the handle includes a pair of lateral guards that at least partially define a stowing region that receives at least

a portion of the mouthpiece assembly between the pair of lateral guards when the mouthpiece assembly is in the stowed configuration.

5 E4 The cap assembly of any of paragraphs E–E3, wherein the mouthpiece assembly is configured to be selectively coupled to and decoupled from an operative position on the base of the cap assembly via an underside of the base but not via a top side of the base.

In the event that any of the references that are incorporated by reference herein define a term in a manner or are otherwise inconsistent with either the non-incorporated disclosure of the present application or with any of the other incorporated references, the non-incorporated disclosure of the present application shall control and the term or terms as used therein only
10 control with respect to the patent document in which the term or terms are defined.

The disclosure set forth above encompasses multiple distinct inventions with independent utility. While each of these inventions has been disclosed in a preferred form or method, the specific alternatives, embodiments, and/or methods thereof as disclosed and illustrated herein are not to be considered in a limiting sense, as numerous variations are possible. The present
15 disclosure includes all novel and non-obvious combinations and subcombinations of the various elements, features, functions, properties, methods and/or steps disclosed herein. Similarly, where any disclosure above or claim below recites “a” or “a first” element, step of a method, or the equivalent thereof, such disclosure or claim should be understood to include one or more such elements or steps, neither requiring nor excluding two or more such elements or steps.

20 Inventions embodied in various combinations and subcombinations of features, functions, elements, properties, steps and/or methods may be claimed through presentation of new claims in a related application. Such new claims, whether they are directed to a different invention or

directed to the same invention, whether different, broader, narrower, or equal in scope to the original claims, are also regarded as included within the subject matter of the present disclosure.

Industrial Applicability

The drink containers of the present disclosure are applicable to the hydration fields, and
5 are specifically applicable to portable drink containers from which users may selectively drink potable drink liquid.

CLAIMS:

1. A drink container, comprising:
a liquid container having a neck with an opening and having an internal compartment sized to hold a volume of potable drink liquid; and
a cap assembly removably coupled to the liquid container, the cap assembly comprising:
a base removably coupled to the neck of the liquid container and including a through-passage extending through the base;
a first catch structure coupled to the base;
a mouthpiece assembly defining a liquid passage through which drink liquid from the liquid container may selectively flow, the mouthpiece assembly being configured to be selectively positioned between a dispensing configuration, in which the liquid passage permits drink liquid to flow from the internal compartment into at least the liquid passage, and a stowed configuration, in which drink liquid is restricted from being dispensed from the liquid container through the liquid passage, wherein the mouthpiece assembly is biased to the dispensing configuration and wherein the mouthpiece assembly comprises:
a rigid collar member that is pivotally coupled to a portion of the cap assembly;
a mouthpiece portion extending from the rigid collar member and including an outlet, wherein the rigid collar member extends around at least a portion of the mouthpiece portion; and
a second catch structure adapted to be selectively engaged with the first catch structure to retain the mouthpiece assembly in the stowed configuration; and
a user release mechanism adapted to automatically disengage the first and second catch structures upon actuation of the user release mechanism and thereby release the mouthpiece assembly to move via its bias from the stowed configuration to the dispensing configuration, wherein the user release mechanism comprises a displacement mechanism with a user engagement pad, wherein the displacement mechanism is configured to displace the first catch structure to selectively disengage the first and the second catch structures, and wherein the user release mechanism is biased to urge the displacement mechanism away from a position where the displacement mechanism disengages the first and second catch structures.

2. The drink container of claim 1, wherein the user engagement pad extends through a wall of the cap assembly for selective engagement by a user.

3. The drink container of claim 1, wherein the cap assembly defines a stowing region sized to receive at least a portion of the mouthpiece assembly when the mouthpiece assembly is in the stowed configuration;

4. The drink container of claim 1, wherein the rigid collar member comprises a collar aperture and wherein the mouthpiece portion extends past the collar aperture.

5. The drink container of claim 1, wherein the mouthpiece portion is constructed of a resiliently deformable material.

6. The drink container of claim 5, wherein the mouthpiece assembly includes mouthpiece-securing structure that secures the mouthpiece portion to the rigid collar member and restricts relative movement between the mouthpiece portion and the rigid collar member.

7. The drink container of claim 5, wherein the mouthpiece assembly comprises a tube portion that defines at least a portion of the liquid passage for drink liquid to flow from the internal compartment to the mouthpiece portion.

8. The drink container of claim 7, wherein the tube portion includes structure for securing the tube portion to the rigid collar member and restricting relative movement between the tube portion and the rigid collar member.

9. The drink container of claim 7, wherein one of the mouthpiece portion and the tube portion includes the mouthpiece-securing structure; wherein the mouthpiece-securing structure includes one or more of a channel and a depression; wherein the rigid collar member includes one or more of a lip, a flange, and a protrusion; and wherein the one or more of the channel and the depression defines a seat that engages and mates with the one or more of the lip, the flange, and the protrusion.

10. The drink container of claim 5, wherein the mouthpiece portion includes a bite-actuated mouthpiece; wherein the bite-actuated mouthpiece is selectively configured between an open configuration, in which the outlet is open and permits drink liquid to flow therethrough, and a closed configuration, in which the outlet restricts drink liquid from flowing therethrough; wherein the bite-actuated mouthpiece is biased to the closed configuration; and wherein the bite-actuated mouthpiece is selectively configured from the closed configuration to the open configuration responsive to a user biting upon opposed sidewalls of the bite-actuated mouthpiece.

11. The drink container of claim 7, wherein the mouthpiece portion and the tube portion are constructed as a unitary assembly of the resiliently deformable material.

12. The drink container of claim 7, wherein the mouthpiece assembly further includes an anchor portion that extends from the tube portion.

13. The drink container of claim 12, wherein the anchor portion has a greater exterior perimeter than the tube portion.

15. The drink container of claim 12, wherein the anchor portion and tube portion are constructed as a unitary assembly of the resiliently deformable material.

16. The drink container of claim 12, wherein the anchor portion defines a recess that is sized and shaped to engage and mate with corresponding structure of the base of the cap assembly.

17. The drink container of claim 12, wherein the anchor portion includes a projecting flange that provides a friction-fit arrangement with the through-passage of the base.

18. The drink container of claim 12, wherein the anchor portion is sized to restrict passage of the anchor portion through the through-passage and thus restrict removal of the mouthpiece assembly via a top side of the cap assembly.

19. The drink container of claim 1, wherein the second catch structure is integral to the mouthpiece assembly.

20. The drink container of claim 1, wherein the cap assembly further comprises a handle that projects away from the base.

Abstract of the Disclosure

A drink container including a liquid container having a neck with an opening and having an internal compartment sized to hold a volume of potable drink liquid and a cap assembly removably coupled to the liquid container, the cap assembly including a base removably coupled
5 to the neck of the liquid container and including a through-passage extending through the base, a first catch structure coupled to the base, a mouthpiece assembly including a rigid collar member, a mouthpiece portion extending from the rigid collar member, and second catch structure adapted to be selectively engaged with the first catch structure, and a user release mechanism adapted to automatically disengage the first and second catch structures upon actuation of the user release
10 mechanism.

Fig. 1

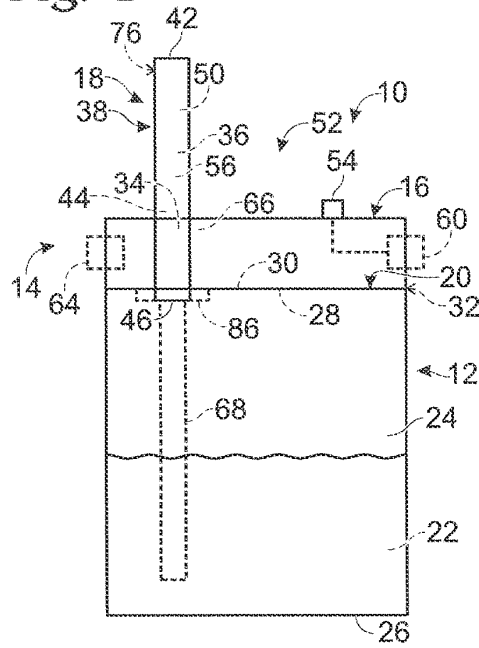


Fig. 2

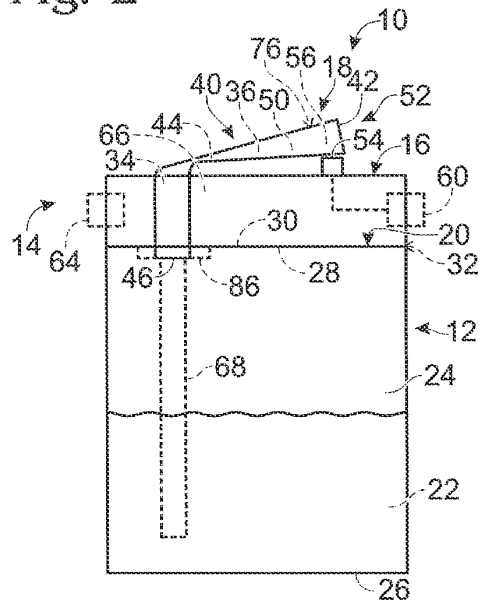


Fig. 3

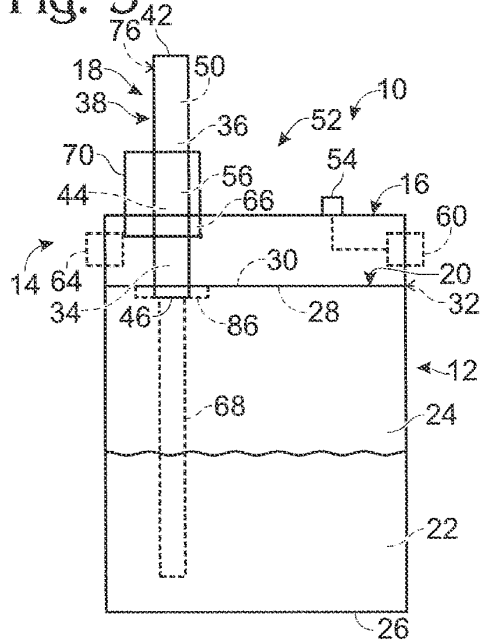


Fig. 4

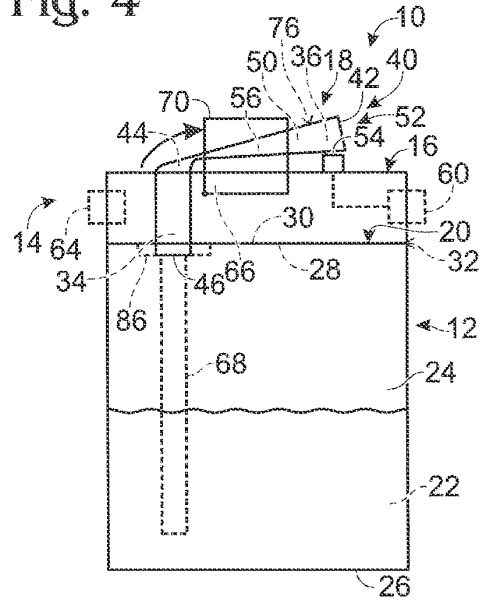


Fig. 5

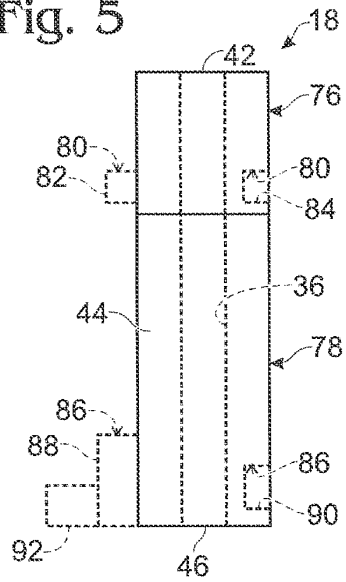


Fig. 7

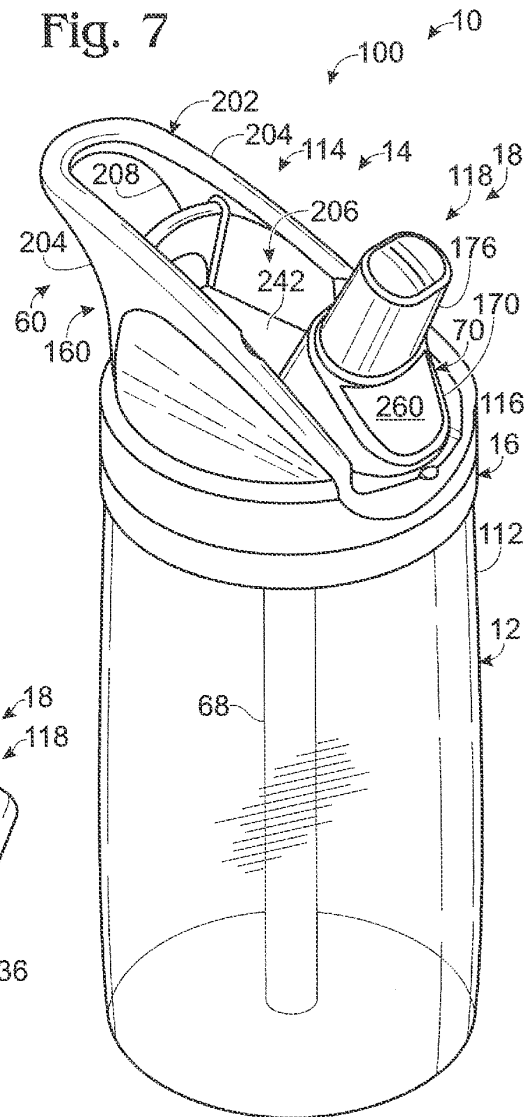


Fig. 6

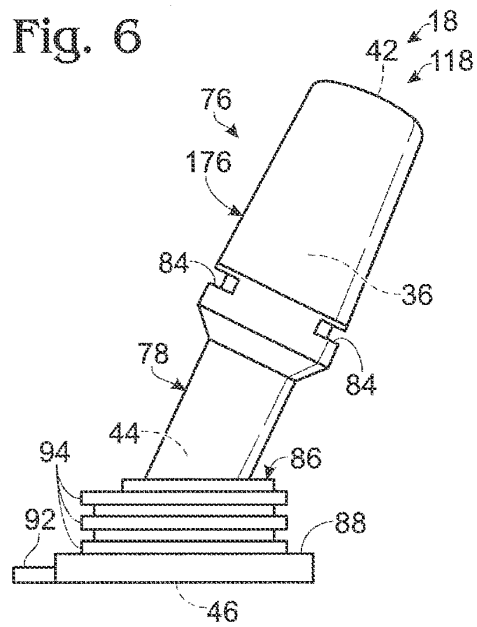
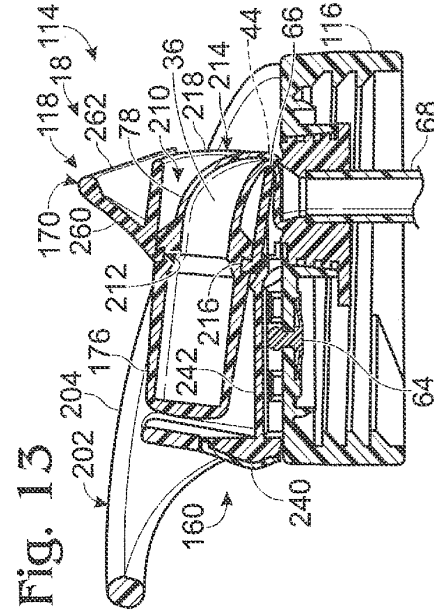
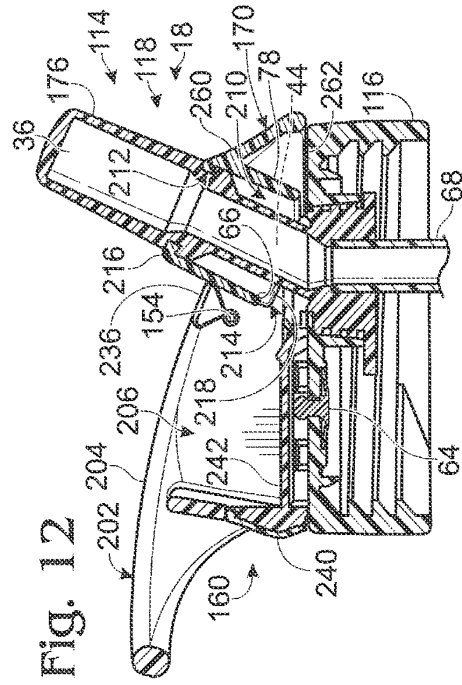
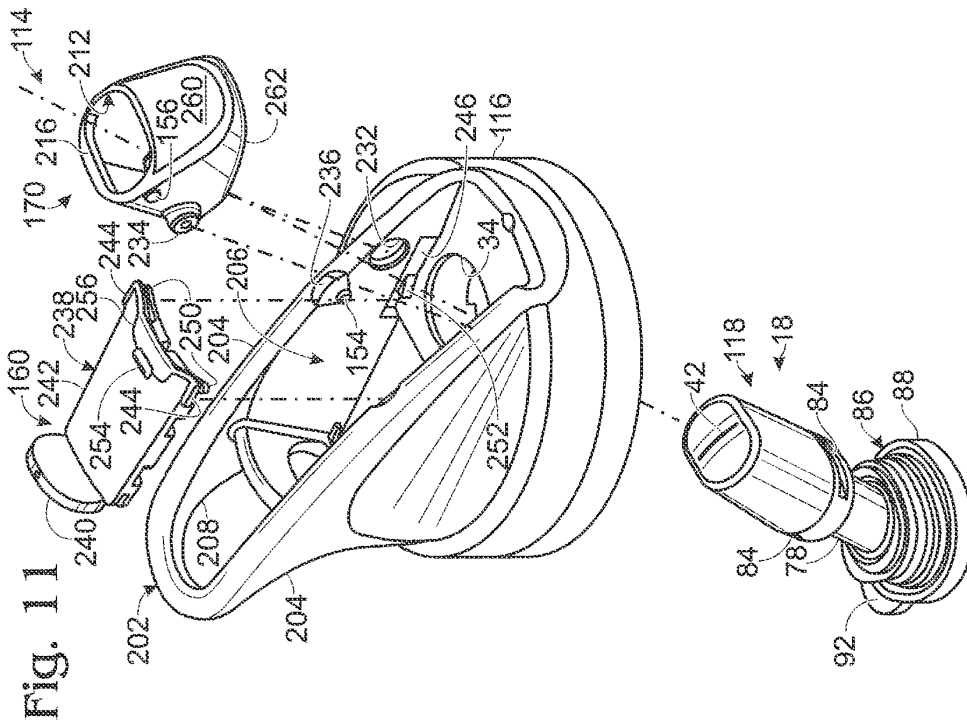


Fig. 8 is a perspective view of a container assembly. The assembly includes a cylindrical container body (12) and a lid (10). A central shaft (68) extends from the bottom of the container body up to the lid. The lid (10) features a top surface (14) with a central opening (16). A flange (18) is located around the perimeter of the lid. A ring (202) is positioned around the central opening (16). A component (204) is shown in a partially open position, revealing an internal structure (208). A component (176) is located near the central opening. A component (70) is shown in a partially open position, revealing an internal structure (210). A component (78) is located near the central opening. A component (112) is located near the central opening. A component (114) is located near the central opening. A component (116) is located near the central opening. A component (118) is located near the central opening.



DECLARATION FOR PATENT APPLICATION
English Language Declaration

As a below-named inventor, I hereby declare that:

This declaration is directed to:

X the attached application, or
____ U.S. Patent Application Serial No. _____, which was filed on _____,

and is entitled DRINK CONTAINERS.

The above-identified application was made or authorized to be made by me.

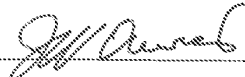
I believe that I am the original and sole inventor (if only one name is listed below) or an original and joint inventor (if plural names are listed below) of a claimed invention in the application.

I hereby state that I have reviewed and understand the contents of the above-identified application, including the claim(s), as amended by any amendment referred to above.

I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56, including, for continuation-in-part applications, material information that became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment of not more than five (5) years, or both, under 18 U.S.C. § 1001, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full name of sole or first joint inventor: Jeff DAVIES

Inventor's signature:  Date: 1/4/2017

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Inventor's signature: _____ Date: _____

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DECLARATION FOR PATENT APPLICATION
English Language Declaration

As a below-named inventor, I hereby declare that:

This declaration is directed to:

X the attached application, or
____ U.S. Patent Application Serial No. _____, which was filed on _____,

and is entitled DRINK CONTAINERS.

The above-identified application was made or authorized to be made by me.

I believe that I am the original and sole inventor (if only one name is listed below) or an original and joint inventor (if plural names are listed below) of a claimed invention in the application.

I hereby state that I have reviewed and understand the contents of the above-identified application, including the claim(s), as amended by any amendment referred to above.

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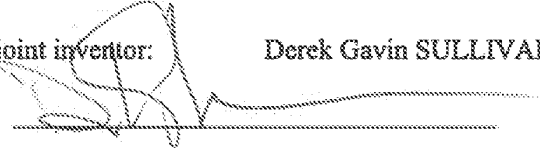
Full name of sole or first joint inventor: Jeff DAVIES

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Electronic Patent Application Fee Transmittal				
Application Number:				
Filing Date:				
Title of Invention:		DRINK CONTAINERS		
First Named Inventor/Applicant Name:		Jeff Davies		
Filer:		Amardeep S. Grewal/Stacey Horne		
Attorney Docket Number:		P23813US07		
Filed as Large Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
UTILITY APPLICATION FILING	1011	1	320	320
UTILITY SEARCH FEE	1111	1	700	700
UTILITY EXAMINATION FEE	1311	1	800	800
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				1820

Electronic Acknowledgement Receipt	
EFS ID:	42259439
Application Number:	17209916
International Application Number:	
Confirmation Number:	8445
Title of Invention:	DRINK CONTAINERS
First Named Inventor/Applicant Name:	Jeff Davies
Customer Number:	165846
Filer:	Amardeep S. Grewal/Stacey Horne
Filer Authorized By:	Amardeep S. Grewal
Attorney Docket Number:	P23813US07
Receipt Date:	23-MAR-2021
Filing Date:	
Time Stamp:	16:04:06
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	CARD
Payment was successfully received in RAM	\$1820
RAM confirmation Number	E20213MG04314436
Deposit Account	
Authorized User	
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:	

File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Application Data Sheet	P23813US07_-_ADS.pdf	1256502	no	9
			6602ada4eba416b6c86c62f9db55ba91e343a664		
Warnings:					
Information:					
2		P23813US07_-_Specification.pdf	632948	yes	48
			a509995939e53f94ce558edee264babe4b81fb88		
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Specification		1	43	
	Claims		44	47	
	Abstract		48	48	
Warnings:					
Information:					
3	Drawings-only black and white line drawings	P23813US07_-_Drawings.PDF	880778	no	4
			9ea5f0f41707d9ba919bd10f147f4225cf61fb66		
Warnings:					
Information:					
4	Oath or Declaration filed	P23813US07_-_Oaths.pdf	167787	no	2
			e24edcf2e5c7b55e71aaf68624afeb8a24b83618		
Warnings:					
Information:					
5	Fee Worksheet (SB06)	fee-info.pdf	34981	no	2
			7072d1297385579c429a00039903668ebecd4ed4		

Warnings:	
Information:	
Total Files Size (in bytes):	2972996
This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503. <u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application. <u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course. <u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.	

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875						Application or Docket Number 17/209,916				
APPLICATION AS FILED - PART I										
(Column 1)		(Column 2)		SMALL ENTITY		OR OTHER THAN SMALL ENTITY				
FOR	NUMBER FILED	NUMBER EXTRA	RATE(\$)	FEE(\$)		RATE(\$)	FEE(\$)			
BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A			N/A	320			
SEARCH FEE (37 CFR 1.16(k), (l), or (m))	N/A	N/A	N/A			N/A	700			
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A	800			
TOTAL CLAIMS (37 CFR 1.16(i))	19	minus 20 = *				x 100 =	0.00			
INDEPENDENT CLAIMS (37 CFR 1.16(h))	1	minus 3 = *				x 480 =	0.00			
APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).						0.00			
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))							0.00			
* If the difference in column 1 is less than zero, enter "0" in column 2.				TOTAL		TOTAL	1820			
APPLICATION AS AMENDED - PART II										
(Column 1)		(Column 2)		(Column 3)		SMALL ENTITY		OR OTHER THAN SMALL ENTITY		
AMENDMENT A		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE(\$)	ADDITIONAL FEE(\$)		RATE(\$)	ADDITIONAL FEE(\$)
	Total (37 CFR 1.16(i))	*	Minus	**	=	x	=		x	=
	Independent (37 CFR 1.16(h))	*	Minus	***	=	x	=		x	=
	Application Size Fee (37 CFR 1.16(s))									
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))									
TOTAL ADD'L FEE									TOTAL ADD'L FEE	
AMENDMENT B		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE(\$)	ADDITIONAL FEE(\$)		RATE(\$)	ADDITIONAL FEE(\$)
	Total (37 CFR 1.16(i))	*	Minus	**	=	x	=		x	=
	Independent (37 CFR 1.16(h))	*	Minus	***	=	x	=		x	=
	Application Size Fee (37 CFR 1.16(s))									
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))									
TOTAL ADD'L FEE									TOTAL ADD'L FEE	
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3. ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20". *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3". The "Highest Number Previously Paid For" (Total or Independent) is the highest found in the appropriate box in column 1.										



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APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLAIMS	IND CLAIMS
17/209,916	03/23/2021		1820	P23813US07	19	1

CONFIRMATION NO. 8445

FILING RECEIPT



0000000124515273

165846
Reed Smith LLP
P.O. Box 488
Pittsburgh, PA 15230

Date Mailed: 04/01/2021

Receipt is acknowledged of this non-provisional utility patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF FIRST INVENTOR, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection.

Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please submit a written request for a corrected Filing Receipt, including a properly marked-up ADS showing the changes with strike-through for deletions and underlining for additions. If you received a "Notice to File Missing Parts" or other Notice requiring a response for this application, please submit any request for correction to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections provided that the request is grantable.

Inventor(s)

Jeff Davies, Windsor, CA;
Derek Gavin Sullivan, Austin, TX;

Applicant(s)

CAMELBAK PRODUCTS, LLC, Petaluma, CA;

Power of Attorney: None

Domestic Priority data as claimed by applicant

This application is a CON of 16/719,213 12/18/2019
which is a CON of 16/237,470 12/31/2018 PAT 10542833
which is a CON of 15/817,013 11/17/2017 PAT 10165879
which is a CON of 15/398,569 01/04/2017 PAT 9820595
which is a CON of 13/479,962 05/24/2012 PAT 9782028
which is a CON of 12/357,114 01/21/2009 PAT 8191727

Foreign Applications for which priority is claimed (You may be eligible to benefit from the **Patent Prosecution Highway** program at the USPTO. Please see <http://www.uspto.gov> for more information.) - None.

Foreign application information must be provided in an Application Data Sheet in order to constitute a claim to foreign priority. See 37 CFR 1.55 and 1.76.

Permission to Access Application via Priority Document Exchange: Yes

Permission to Access Search Results: Yes

Applicant may provide or rescind an authorization for access using Form PTO/SB/39 or Form PTO/SB/69 as appropriate.

If Required, Foreign Filing License Granted: 03/31/2021

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 17/209,916**

Projected Publication Date: 07/08/2021

Non-Publication Request: No

Early Publication Request: No

Title

DRINK CONTAINERS

Preliminary Class

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

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Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

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page 2 of 4

countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4258).

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Title 37, Code of Federal Regulations, 5.11 & 5.15

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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
17/209,916	03/23/2021	Jeff Davies	P23813US07

CONFIRMATION NO. 8445

165846
Reed Smith LLP
P.O. Box 488
Pittsburgh, PA 15230

PUBLICATION NOTICE



OC000000126825692

Title:DRINK CONTAINERS

Publication No.US-2021-0204731-A1

Publication Date:07/08/2021

NOTICE OF PUBLICATION OF APPLICATION

The above-identified application will be electronically published as a patent application publication pursuant to 37 CFR 1.211, et seq. The patent application publication number and publication date are set forth above.

The publication may be accessed through the USPTO's publically available Searchable Databases via the Internet at www.uspto.gov. The direct link to access the publication is currently <http://www.uspto.gov/patft/>.

The publication process established by the Office does not provide for mailing a copy of the publication to applicant. A copy of the publication may be obtained from the Office upon payment of the appropriate fee set forth in 37 CFR 1.19(a)(1). Orders for copies of patent application publications are handled by the USPTO's Public Records Division. The Public Records Division can be reached by telephone at (571) 272-3150 or (800) 972-6382, by facsimile at (571) 273-3250, by mail addressed to the United States Patent and Trademark Office, Public Records Division, Alexandria, VA 22313-1450 or via the Internet.

In addition, information on the status of the application, including the mailing date of Office actions and the dates of receipt of correspondence filed in the Office, may also be accessed via the Internet through the Patent Electronic Business Center at www.uspto.gov using the public side of the Patent Application Information and Retrieval (PAIR) system. The direct link to access this status information is currently <https://portal.uspto.gov/pair/PublicPair>. Prior to publication, such status information is confidential and may only be obtained by applicant using the private side of PAIR.

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Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
17/209,916	03/23/2021	Jeff Davies	P23813US07	8445
165846	7590	04/12/2022		
Reed Smith LLP (972852)			EXAMINER	
IP Docketing Dept.			POON, ROBERT	
P.O. Box 488				
Pittsburgh, PA 15230			ART UNIT	PAPER NUMBER
			3735	
			NOTIFICATION DATE	DELIVERY MODE
			04/12/2022	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

gdonovan@reedsmith.com
ptoipinbox@reedsmith.com

DETAILED ACTION

Notice of Pre-AIA or AIA Status

The present application is being examined under the pre-AIA first to invent provisions.

Double Patenting

The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the “right to exclude” granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or would have been obvious over, the reference claim(s). See, e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on nonstatutory double patenting provided the reference application or patent either is shown to be commonly owned with the examined application, or claims an invention made as a result of activities undertaken within the scope of a joint research agreement. See MPEP § 717.02 for applications subject to examination under the first inventor to file provisions of the AIA as explained in MPEP § 2159. See MPEP § 2146 *et seq.* for applications not subject to examination under the first inventor to file provisions of the AIA. A terminal disclaimer must be signed in compliance with 37 CFR 1.321(b).

The USPTO Internet website contains terminal disclaimer forms which may be used. Please visit www.uspto.gov/patent/patents-forms. The filing date of the application in which the form is filed determines what form (e.g., PTO/SB/25, PTO/SB/26, PTO/AIA/25, or PTO/AIA/26) should be used. A web-based eTerminal Disclaimer may be filled out completely online using web-screens. An eTerminal Disclaimer that meets all requirements is auto-processed and approved immediately upon submission. For more information about eTerminal Disclaimers, refer to www.uspto.gov/patents/process/file/efs/guidance/eTD-info-I.jsp.

Claims 1-20 rejected on the ground of nonstatutory double patenting as being unpatentable over claims 1-19 of U.S. Patent No. 10,993,563 in view of US Patent No. 5,203,468 to Hsu. The '563 claims disclose all the features as claimed except the user release mechanism comprising a displacement mechanism configured to displace catch structure and being biased to urge the displacement mechanism away from disengaging the catch structures. However, Hsu discloses a user release mechanism comprising a displacement mechanism with a user engagement pad, wherein the displacement mechanism is configured to displace the first catch structure to selectively disengage the first and second catch structures, wherein the user release mechanism is biased to urge the displacement mechanism away from a position where the displacement mechanism disengages the first and second catch structures. One of ordinary skill in the art would have found it obvious to substitute the '563 user release mechanism with a functionally equivalent user release mechanism as taught by Hsu in order to disengage the catch structures since it has been held that simple substitution of one known element for another to obtain predictable results would have been obvious. *In re Fout*, 675 F.2d 297, 213 USPQ 532 (CCPA 1982).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to ROBERT POON whose telephone number is (571)270-7425. The examiner can normally be reached Monday thru Friday, 8:30 am to 6:00 pm.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at <http://www.uspto.gov/interviewpractice>.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Anthony Stashick can be reached on (571)272-4561. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of published or unpublished applications may be obtained from Patent Center. Unpublished application information in Patent Center is available to registered users. To file and manage patent submissions in Patent Center, visit: <https://patentcenter.uspto.gov>. Visit <https://www.uspto.gov/patents/apply/patent-center> for more information about Patent Center and <https://www.uspto.gov/patents/docx> for information about filing in DOCX format. For additional questions, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/ROBERT POON/
Examiner, Art Unit 3735

<i>Notice of References Cited</i>	Application/Control No. 17/209,916		Applicant(s)/Patent Under Reexamination Davies et al.	
	Examiner ROBERT POON		Art Unit 3735	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	CPC Classification	US Classification
*	A	US-10993563-B2	05-2021	Davies; Jeff	B65D47/2031	1/1
*	B	US-5203468-A	04-1993	Hsu; Chun-Feng	B65D47/2037	222/530
	C					
	D					
	E					
	F					
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	H					
	I					
	J					
	K					
	L					
	M					

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	CPC Classification
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	P					
	Q					
	R					
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	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
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	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

<i>Search Notes</i> 	Application/Control No. 17/209,916	Applicant(s)/Patent Under Reexamination Davies et al.
	Examiner ROBERT POON	Art Unit 3735

CPC - Searched*		
Symbol	Date	Examiner
a47g19/2266, 2272	04/07/2022	rp
a47g21/18	04/07/2022	rp
b65d51/242	04/07/2022	rp
b65d47/065, 2031	04/07/2022	rp

CPC Combination Sets - Searched*		
Symbol	Date	Examiner

US Classification - Searched*			
Class	Subclass	Date	Examiner
220	252, 705, 707-709	04/07/2022	rp
215	387-389	04/07/2022	rp

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

Search Notes		
Search Notes	Date	Examiner
see EAST search history	04/07/2022	rp
inventor search	04/07/2022	rp

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner

/ROBERT POON/ Examiner, Art Unit 3735	
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EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"12357114"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/04/14 18:26
S2	7	((JEFF) near2 (DAVIES)).INV.	US-PGPUB; USPAT	OR	OFF	2011/04/14 18:28
S3	7	((DEREK) near2 (SULLIVAN)).INV.	US-PGPUB; USPAT	OR	OFF	2011/04/14 18:36
S4	4	((("20080237233") or ("20070039959") or ("7533783") or ("3907179")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/14 18:39
S5	2	((("6070767") or ("6032831")).PN.	USPAT; USOCR	OR	OFF	2011/04/14 20:06
S6	190	220/252.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/04/19 12:01
S7	287	220/705.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/04/19 12:30
S8	89	220/707.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/04/19 12:52
S9	69	220/708.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/04/19 13:19
S10	245	220/709.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/04/19 13:28
S12	198	215/387.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/04/19 17:58
S13	345	215/388.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/04/19 18:08

S14	373	("0015192" "0090606" "0662345" "1253579" "1309994" "1788795" "20020033399" "20020040909" "20020092858" "20020092877" "20020148806" "20020166990" "20020185495" "20030085232" "20030116573" "20030168462" "20030173536" "20030218015" "20030222238" "20040000551" "20040069783" "20040079775" "20040089301" "20040159820" "20040164043" "20040217139" "20040217187" "20040222230" "20050029271" "20050029313" "20050045647" "20050056610" "20050056652" "20050072788" "20050072804" "20050115966" "20050133505" "20050133519" "20050205587" "20050218242" "2052307" "2175735" "2314167" "2392479" "2432132" "2450244" "2529817" "2613988" "2655279" "2748968" "2778537" "2799439" "2844267" "2893611" "2893612" "2948453" "2957614" "2984377" "3023939" "3071272" "3076574" "3134515" "3143429" "3163337" "3179301" "3181743" "3225915" "3240415" "3268792" "3291331" "3294293" "3323669" "3326695" "3337098" "3371827" "3392887" "3438527" "3545604" "3559868" "3568870" "3655099" "3656654" "3717476" "3718238" "3741447" "3746197" "3780944" "3840153" "3851781" "3858773" "3863818" "3868043" "3874554" "3874562" "3907179" "3915331" "3946895" "3952910" "3972443" "4018355" "4036392" "4043478" "4065018" "4073404" "4078692" "4080989" "4081108" "4090650" "4095710" "4098422" "4109817" "4153170" "4164305").PN. OR ("4184604" "4187954" "4194674" "4216801" "4219138" "4226356" "4228913" "4230112" "4231486" "4239123" "4243156" "4243162" "4247016" "4271984" "4291814" "4298146" "4305521" "4345695" "4356927" "4407425" "4424913" "4437289" "4440327" "4441623" "4441624" "4448316" "4462503" "4479343"	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/19 20:10
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	"4501585"	"4503991"	"4503992"				
	"4504009"	"4537324"	"4544074"				
	"4544077"	"4560081"	"4561557"				
	"4573631"	"4582213"	"4582214"				
	"4583654"	"4589569"	"4596341"				
	"4607755"	"4629097"	"4630735"				
	"4631715"	"4645096"	"4674661"				
	"4676387"	"4684032"	"4690294"				
	"4712702"	"4714173"	"4718778"				
	"4726479"	"4728001"	"4732303"				
	"4733785"	"4735329"	"4754887"				
	"4779773"	"4782975"	"4782985"				
	"4813556"	"4828141"	"4830204"				
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	"4964562"	"4969564"	"4982854"				
	"4994076"	"5005717"	"5038476"				
	"5054264"	"5054631"	"5054684"				
	"5060833"	"5064085"	"5065881"				
	"5065908"	"5065909"	"5065912"				
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	"5085349"	"5090601"	"5101991"				
	"5109995"	"5114011"	"5114074"				
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	"5167354"	"5172827"	"5188283"				
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	"5282541"	"5301858"	"5332131"				
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	"5381924"	"5392968"	"5415312"				
	"5417369"	"5421496"	"5429254"				
	"5437389"	"5462194"	"5465866"				
	"5484080"	"5494165"	"5506036"				
	"5518142"	"5520304"	"5522524"				
	"5524799"	"5579948"	"5582315"				
	"5582320"	"5597089"	"5601207"				
	"5607087"	"5671863"	"5687872"				
	"5687972"	"5699933"	"5730336"				
	"5755368"	"5791510"	"5806726"				
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	"5911406"	"6021801"	"6032831"				
	"6050433"	"6050444"	"6050445"				
	"6059154"	"6070767"	"6073860"				
	"6116446"	"6116458"	"6196413"				
	"6199729"	"6212959"	"6227403"				
	"6264166"	"6276560"	"6279772"				

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S15	100	215/389.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/04/21 17:48
S16	720	206/363.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/04/21 18:51
S17	1	"12279138"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/04/21 18:51
S18	194	220/252.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2012/03/23 15:22
S19	307	220/705.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2012/03/23 15:22
S20	90	220/707.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2012/03/23 15:23
S21	73	220/708.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2012/03/23 15:23
S22	251	220/709.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2012/03/23 15:23
S24	1	"20070039959"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2012/09/27 13:40
S25	2	"11588476"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2012/09/27 13:45

S26	1	("5273172").PN.	USPAT; USOCR	OR	OFF	2012/09/27 14:19
S27	1	("6745949").PN.	USPAT; USOCR	OR	OFF	2012/09/27 14:20
S28	1	"13479962"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2012/09/27 14:26
S29	31	(US-20100181329-\$ or US-20080237233-\$ or US-20070039959-\$ or US-20100127005-\$ or US-20090255944-\$ or US-20050029271-\$ or US-20090250478-\$ or US-20100170902-\$ or US-20060060589-\$ or US-20040069783-\$ or US-20120228315-\$).did. or (US-7533783-\$ or US-3907179-\$ or US-5273172-\$ or US-6745949-\$ or US-6494332-\$ or US-6321977-\$ or US-5908126-\$ or US-5884793-\$ or US-5242079-\$ or US-6840397-\$ or US-6227403-\$ or US-5518142-\$ or US-5203468-\$ or US-7516862-\$ or US-5582320-\$ or US-6050433-\$ or US-5588548-\$ or US-5497901-\$ or US-5337918-\$ or US-5234117-\$).did.	US-PGPUB; USPAT	OR	OFF	2012/10/01 00:50
S30	4	"13153265"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2012/10/01 19:36
S31	1	"12671763"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2012/11/29 10:31
S32	0	"13620078"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2012/12/01 01:29
S34	1	("5273172").PN.	USPAT; USOCR	OR	OFF	2012/12/01 14:49
S35	52	("20070039959" "20100181329" "5203468" "5337918" "6059154" "7255241" "5582320" "20050029271" "20060226110" "3907179" "6276560" "6675998" "20050205587" "5332131" "6070767" "6279773" "6745949" "D547606" "20030218015" "20050056610" "4485963" "5520304" "6609624" "7147126" "3181743" "5273172" "5873478" "5884793" "6915961" "7533783" "D547607" "20050133519" "5242079" "6390341" "5518142" "5897013" "6050445" "6116458" "7201284"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2012/12/01 17:17

		"20030085232" "20040069783" "20040159820" "20050218242" "20080237233" "20100170902" "3294293" "4860934" "5392968" "5465866" "6422415" "6607092").PN.				
S36	2	"13118440"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2012/12/02 10:27
S37	198	220/252.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2013/03/23 20:28
S38	324	220/705.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2013/03/23 20:29
S39	374	220/707-709.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2013/03/23 20:29
S40	657	215/387-389.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2013/03/23 20:29
S42	5	"12357114"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2017/02/23 16:38
S43	4	("20040069783" "20070039959" "5203468" "5582320").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2017/02/24 14:43
S44	57	((("20030085232") or ("20030102318") or ("20030218015") or ("20040069783") or ("20040159820") or ("20050029271") or ("20050056610") or ("20050133519") or ("20050205587") or ("20050218242") or ("20060226110") or ("20070039959") or ("20080237233") or ("20100181329") or ("2936934") or ("3181743") or ("3283967") or ("3294293") or ("3907179") or ("4485963") or ("4860934") or ("5203468") or ("5242079") or ("5273172") or ("5332131") or ("5337918") or ("5392968") or ("5465866") or ("5518142") or ("5520304") or ("5873478") or ("5884793") or ("5897013") or ("6050445") or ("6059154") or ("6070767") or ("6116458") or ("6276560") or	US-PGPUB; USPAT; USOCR	OR	OFF	2017/02/24 14:49

		("6279773") or ("6390341") or ("6422415") or ("6607092") or ("6609624") or ("6675998") or ("6745949") or ("6915961") or ("7059490") or ("7147126") or ("7201284") or ("d547606") or ("d547607") or ("7255241") or ("7533783")).PN.				
S45	6	"12357114"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2017/05/04 13:05
S46	1	("5203468").PN.	USPAT; USOCR	OR	OFF	2017/05/04 13:09
S47	1	("5582320").PN.	USPAT; USOCR	OR	OFF	2017/05/04 13:23
S48	212	220/252.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2017/05/31 10:42
S49	433	220/707-709.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2017/05/31 10:42
S50	723	215/387-389.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2017/05/31 10:44
S52	212	220/252.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2017/06/04 00:01
S53	362	220/705.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2017/06/04 00:01
S54	433	220/707-709.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2017/06/04 00:06
S55	723	215/387-389.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2017/06/04 00:19
S57	6	((("5582320") or ("5203468") or ("20070039959") or ("6745949") or ("5273172") or ("5337918"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2018/03/28 19:59
S58	1	"15817013"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2018/03/28 20:08
S59	3	"15398569"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2018/03/28 20:45

S60	60	((("6745949") or ("6675998") or ("6609624") or ("6607092") or ("6422415") or ("6390341") or ("6279773") or ("6276560") or ("6116458") or ("6070767") or ("6059154") or ("6050445") or ("5897013") or ("5884793") or ("5873478") or ("5582320") or ("5520304") or ("5518142") or ("5465866") or ("5392968") or ("5337918") or ("5332131") or ("5273172") or ("5242079") or ("5203468") or ("5065909") or ("4860934") or ("4485963") or ("3907179") or ("3294293") or ("3283967") or ("3181743") or ("2936934") or ("20100181329") or ("20100170902") or ("20080237233") or ("20070039959") or ("20060226110") or ("20050218242") or ("20050133519") or ("20050056652") or ("20050056610") or ("20050029271") or ("20040159820") or ("20040069783") or ("20030218015") or ("20030102318") or ("20030085232") or ("7533783") or ("7255241") or ("d547607") or ("d547606") or ("7201284") or ("7147126") or ("7059490") or ("6915961"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2018/03/28 21:18
S61	561	a47g19/2266.cpc.	US-PGPUB; USPAT	OR	OFF	2018/09/20 18:40
S62	1,194	a47g19/2272.cpc.	US-PGPUB; USPAT	OR	OFF	2018/09/20 18:58
S63	350	b65d51/242.cpc.	US-PGPUB; USPAT	OR	OFF	2018/09/20 19:47
S64	164	b65d47/065.cpc.	US-PGPUB; USPAT	OR	OFF	2018/09/20 20:09
S65	910	b65d47/2031.cpc.	US-PGPUB; USPAT	OR	OFF	2018/09/20 20:12
S66	415	a47g21/18.cpc.	US-PGPUB; USPAT	OR	OFF	2018/09/20 20:16
S67	3	"15398569"	US-PGPUB; USPAT	OR	OFF	2018/09/20 20:54
S69	3	"15817013"	US-PGPUB; USPAT	OR	OFF	2019/06/22 17:15
S70	6	((("5203468") or ("5582320") or ("20070039959") or ("6745949") or ("5273172") or ("5337918") or ("5582320"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2019/06/22 18:21

S71	1	"15817013"	USPAT	OR	OFF	2019/06/23 11:08
S72	2	"15398569"	USPAT	OR	OFF	2019/06/23 11:10
S73	62	((("20100193462") or ("20100181329") or ("20100170902") or ("20080237233") or ("20070039959") or ("20060226110") or ("20050218242") or ("20050205587") or ("20050133519") or ("20050056610") or ("20050056652") or ("20050029271") or ("20040159820") or ("20040069783") or ("20030218015") or ("20030102318") or ("20030085232") or ("20020040909") or ("9820595") or ("7533783") or ("7255241") or ("7201284") or ("7147126") or ("7059490") or ("6915961") or ("6745949") or ("6675998") or ("6609624") or ("6607092") or ("6422415") or ("6390341") or ("6279773") or ("6276560") or ("6116458") or ("6070767") or ("6059154") or ("6050445") or ("5897013") or ("5884793") or ("5873478") or ("5582320") or ("5520304") or ("5518142") or ("5465866") or ("5392968") or ("5337918") or ("5332131") or ("5273172") or ("5242079") or ("5203468") or ("5065909") or ("4860934") or ("4485963") or ("3907179") or ("3294293") or ("3283967") or ("3181743") or ("2936934")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2019/09/13 20:10
S74	896	a47g19/2266.cpc.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2019/09/13 20:13
S75	2,066	a47g19/2272.cpc.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2019/09/13 20:13
S76	617	b65d51/242.cpc.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2019/09/13 20:14
S77	272	b65d47/065.cpc.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2019/09/13 20:20

S78	1,559	b65d47/2031.cpc.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2019/09/13 20:21
S79	736	a47g21/18.cpc.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2019/09/13 20:23
S80	1	"16237470"	US-PGPUB; USPAT	OR	OFF	2019/09/13 20:50
S82	1	"16237470"	USPAT	OR	OFF	2020/03/25 15:51
S83	2	"15817013"	USPAT	OR	OFF	2020/03/25 15:54
S84	3	"15398569"	USPAT	OR	OFF	2020/03/25 15:55
S85	5	"13479962"	USPAT	OR	OFF	2020/03/25 15:56
S86	6	"12357114"	USPAT	OR	OFF	2020/03/25 15:58
S87	2	"15817013"	USPAT	OR	OFF	2020/03/25 21:09
S88	654	a47g19/2266.cpc.	US-PGPUB; USPAT	OR	OFF	2020/03/25 23:42
S89	1,402	a47g19/2272.cpc.	US-PGPUB; USPAT	OR	OFF	2020/03/26 00:00
S90	481	a47g21/18.cpc.	US-PGPUB; USPAT	OR	OFF	2020/03/26 00:01
S91	422	b65d51/242.cpc.	US-PGPUB; USPAT	OR	OFF	2020/03/26 00:06
S92	196	b65d47/065.cpc.	US-PGPUB; USPAT	OR	OFF	2020/03/26 00:06
S93	1	"16719213"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2020/12/12 19:52
S94	1,065	a47g19/2266.cpc.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2020/12/12 19:56
S95	2,410	a47g19/2272.cpc.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2020/12/12 19:59

S96	973	a47g21/18.cpc.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2020/12/12 20:10
S97	735	b65d51/242.cpc.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2020/12/12 20:10
S98	303	b65d47/065.cpc.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2020/12/12 20:11
S99	1,702	b65d47/2031.cpc.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2020/12/12 20:18
S101	3	"16719213"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2022/04/06 22:38
S102	2	((("5203468") or ("5582320"))).PN.	US-PGPUB; USPAT	OR	OFF	2022/04/07 00:57
S103	3	"16719213"	US-PGPUB; USPAT	OR	OFF	2022/04/07 01:38

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S23	2	drink near2 container and catch and mouthpiece and anchor	USPAT	OR	OFF	2012/03/23 15:10
S33	0	"13620078"	USPAT	OR	OFF	2012/12/01 01:29
S41	1	drink near container and cap and catch and mouthpiece and dispensing and outlet and tube and crimping and anchor and release near2 mechanism and channel	USPAT	OR	ON	2013/03/23 20:31
S51	2	drink and cap and catch and mouthpiece and inlet and dispensing and mechanism and tube and anchor	USPAT	OR	OFF	2017/05/31 10:48
S56	2	drink and liquid and container and mouthpiece and outlet and dispensing and tube and anchor and release and catch and deformable	USPAT	OR	OFF	2017/06/03 23:01
S68	4	drink and container and cap and liquid and catch and mouthpiece and base and inlet and	USPAT	OR	OFF	2018/09/20 21:00

		tube and crimping and stowed and collar and release and bias				
S81	5	drink and cap and base and mouthpiece and liquid and flow and dispensing and tube and crimping and stowed and anchor and collar and sliding	USPAT	OR	OFF	2019/09/13 20:46
S100	6	drink and liquid and cap and base and catch and mouthpiece and passage and collar and release and actuation and sliding	USPAT	OR	OFF	2020/12/12 20:20

4/7/2022 1:31:31 PM

C:\Users\rpoon\Documents\EAST\Workspaces\app12357114.wsp

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875				Application or Docket Number 17/209,916		Filing Date 03/23/2021		☐ To be Mailed		
ENTITY: ☒ LARGE ☐ SMALL ☐ MICRO										
APPLICATION AS FILED - PART I										
		(Column 1)	(Column 2)							
FOR		NUMBER FILED	NUMBER EXTRA		RATE (\$)		FEE (\$)			
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))		N/A	N/A		N/A					
☐ SEARCH FEE (37 CFR 1.16(k), (l), or (m))		N/A	N/A		N/A					
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))		N/A	N/A		N/A					
TOTAL CLAIMS (37 CFR 1.16(j))		minus 20 =	*		x \$100 =					
INDEPENDENT CLAIMS (37 CFR 1.16(h))		minus 3 =	*		x \$480 =					
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))		If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).								
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))										
* If the difference in column 1 is less than zero, enter "0" in column 2.					TOTAL					
APPLICATION AS AMENDED - PART II										
		(Column 1)	(Column 2)		(Column 3)					
AMENDMENT	07/12/2022	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)			
	Total (37 CFR 1.16(i))	* 19	Minus	** 20	= 0	x \$100 =	0			
	Independent (37 CFR 1.16(h))	* 1	Minus	*** 3	= 0	x \$480 =	0			
	☐ Application Size Fee (37 CFR 1.16(s))									
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))									
						TOTAL ADD'L FEE	0			
AMENDMENT		(Column 1)	(Column 2)		(Column 3)					
		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)			
	Total (37 CFR 1.16(i))	*	Minus	**	=	x \$0 =				
	Independent (37 CFR 1.16(h))	*	Minus	***	=	x \$0 =				
	☐ Application Size Fee (37 CFR 1.16(s))									
☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))										
						TOTAL ADD'L FEE				
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.						SLIE				
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".						/TONGELINA C TUBBS/				
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".										
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.										

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:	) Confirmation No. 8445
Jeff DAVIES, et al.	)
Serial No. 17/209,916	) Group Art Unit: 3735
Filed: March 23, 2021	) Examiner: Robert POON
	)
For: DRINK CONTAINERS	)

RESPONSE TO NON-FINAL OFFICE ACTION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In response to the non-final Office Action dated April 12, 2022, Applicant respectfully requests entry of the following amendment and remarks.

A **Listing of the Claims** begins on page 2 of this paper.

Remarks begin on page 6 of this paper.

Listing of the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Original) A drink container, comprising:
 - a liquid container having a neck with an opening and having an internal compartment sized to hold a volume of potable drink liquid; and
 - a cap assembly removably coupled to the liquid container, the cap assembly comprising:
 - a base removably coupled to the neck of the liquid container and including a through-passage extending through the base;
 - a first catch structure coupled to the base;
 - a mouthpiece assembly defining a liquid passage through which drink liquid from the liquid container may selectively flow, the mouthpiece assembly being configured to be selectively positioned between a dispensing configuration, in which the liquid passage permits drink liquid to flow from the internal compartment into at least the liquid passage, and a stowed configuration, in which drink liquid is restricted from being dispensed from the liquid container through the liquid passage, wherein the mouthpiece assembly is biased to the dispensing configuration and wherein the mouthpiece assembly comprises:
 - a rigid collar member that is pivotally coupled to a portion of the cap assembly;
 - a mouthpiece portion extending from the rigid collar member and including an outlet, wherein the rigid collar member extends around at least a portion of the mouthpiece portion; and
 - a second catch structure adapted to be selectively engaged with the first catch structure to retain the mouthpiece assembly in the stowed configuration; and
 - a user release mechanism adapted to automatically disengage the first and second catch structures upon actuation of the user release mechanism and thereby release the mouthpiece assembly to move via its bias from the stowed configuration to the dispensing configuration, wherein the user release mechanism comprises a displacement mechanism with a user engagement pad, wherein the displacement mechanism is configured to displace the first catch structure to selectively disengage the first and the second catch structures, and wherein the

user release mechanism is biased to urge the displacement mechanism away from a position where the displacement mechanism disengages the first and second catch structures.

2. (Original) The drink container of claim 1, wherein the user engagement pad extends through a wall of the cap assembly for selective engagement by a user.

3. (Original) The drink container of claim 1, wherein the cap assembly defines a stowing region sized to receive at least a portion of the mouthpiece assembly when the mouthpiece assembly is in the stowed configuration;

4. (Original) The drink container of claim 1, wherein the rigid collar member comprises a collar aperture and wherein the mouthpiece portion extends past the collar aperture.

5. (Original) The drink container of claim 1, wherein the mouthpiece portion is constructed of a resiliently deformable material.

6. (Original) The drink container of claim 5, wherein the mouthpiece assembly includes mouthpiece-securing structure that secures the mouthpiece portion to the rigid collar member and restricts relative movement between the mouthpiece portion and the rigid collar member.

7. (Original) The drink container of claim 5, wherein the mouthpiece assembly comprises a tube portion that defines at least a portion of the liquid passage for drink liquid to flow from the internal compartment to the mouthpiece portion.

8. (Original) The drink container of claim 7, wherein the tube portion includes structure for securing the tube portion to the rigid collar member and restricting relative movement between the tube portion and the rigid collar member.

9. (Original) The drink container of claim 7, wherein one of the mouthpiece portion and the tube portion includes the mouthpiece-securing structure; wherein the mouthpiece-

securing structure includes one or more of a channel and a depression; wherein the rigid collar member includes one or more of a lip, a flange, and a protrusion; and wherein the one or more of the channel and the depression defines a seat that engages and mates with the one or more of the lip, the flange, and the protrusion.

10. (Original) The drink container of claim 5, wherein the mouthpiece portion includes a bite-actuated mouthpiece; wherein the bite-actuated mouthpiece is selectively configured between an open configuration, in which the outlet is open and permits drink liquid to flow therethrough, and a closed configuration, in which the outlet restricts drink liquid from flowing therethrough; wherein the bite-actuated mouthpiece is biased to the closed configuration; and wherein the bite-actuated mouthpiece is selectively configured from the closed configuration to the open configuration responsive to a user biting upon opposed sidewalls of the bite-actuated mouthpiece.

11. (Original) The drink container of claim 7, wherein the mouthpiece portion and the tube portion are constructed as a unitary assembly of the resiliently deformable material.

12. (Original) The drink container of claim 7, wherein the mouthpiece assembly further includes an anchor portion that extends from the tube portion.

13. (Original) The drink container of claim 12, wherein the anchor portion has a greater exterior perimeter than the tube portion.

15. (Original) The drink container of claim 12, wherein the anchor portion and tube portion are constructed as a unitary assembly of the resiliently deformable material.

16. (Original) The drink container of claim 12, wherein the anchor portion defines a recess that is sized and shaped to engage and mate with corresponding structure of the base of the cap assembly.

17. (Original) The drink container of claim 12, wherein the anchor portion includes a projecting flange that provides a friction-fit arrangement with the through-passage of the base.

18. (Original) The drink container of claim 12, wherein the anchor portion is sized to restrict passage of the anchor portion through the through-passage and thus restrict removal of the mouthpiece assembly via a top side of the cap assembly.

19. (Original) The drink container of claim 1, wherein the second catch structure is integral to the mouthpiece assembly.

20. (Original) The drink container of claim 1, wherein the cap assembly further comprises a handle that projects away from the base.

REMARKS

Claims 1-20 were pending in this application prior to the non-final Office Action dated April 12, 2022 (“Office Action”). No claims are amended herein. In view of the terminal disclaimer submitted herewith and the following remarks, Applicant respectfully requests reconsideration and allowance of this application.

I. Double Patenting Rejection

Claims 1-20 stand rejected on the ground of nonstatutory double patenting as being unpatentable over claims 1-19 of U.S. Patent No. 10,993,563 to Davies et al. (the ’563 Patent), in view of U.S. Patent No. 5,203,468 to Hsu. Applicant submits with this response a terminal disclaimer disclaiming any patent term beyond the term of the ’563 Patent. This application is believed to be in condition for allowance. If any issues remain, the Examiner is kindly invited to contact the undersigned attorney.

Except for issue fees payable under 37 C.F.R. § 1.18, Applicant hereby authorizes the Commissioner to charge any additional fees during the entire pendency of this application, including fees due under 37 C.F.R. §§ 1.16 and 1.17, which may be required, including any required extension of time fees, or credit any overpayment, to Deposit Account No. 50-1529. This paragraph is intended to be a **CONSTRUCTIVE PETITION FOR EXTENSION OF TIME** in accordance with 37 C.F.R. § 1.136(a) (3).

Date: July 12, 2022

Respectfully submitted,

/Amardeep S. Grewal, Reg. No. 62,798/
Amardeep S. Grewal
Reg. No. 62,798

REED SMITH LLP
CUSTOMER NO.: 165846
IP Docketing Dept.
P.O. Box 488
Pittsburgh, PA 15230
(202) 414-9272

TERMINAL DISCLAIMER TO OBTAIN A DOUBLE PATENTING REJECTION OVER A "PRIOR" PATENT	Docket Number (Optional) P23813US07
In re Application of: Jeff DAVIES et al. Application No.: 17/209,916 Filed: March 23, 2021 For: DRINK CONTAINERS The applicant, <u>CAMELBACK PRODUCTS, LLC</u>, owner of <u>100</u> percent interest in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application which would extend beyond the expiration date of the full statutory term of prior patent No. <u>10,993,563</u> as the term of said prior patent is presently shortened by any terminal disclaimer. The applicant hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and the prior patent are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns. In making the above disclaimer, the applicant does not disclaim the terminal part of the term of any patent granted on the instant application that would extend to the expiration date of the full statutory term of the prior patent, "as the term of said prior patent is presently shortened by any terminal disclaimer," in the event that said prior patent later: - expires for failure to pay a maintenance fee; - is held unenforceable; - is found invalid by a court of competent jurisdiction; - is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321; - has all claims canceled by a reexamination certificate; - is reissued; or - is in any manner terminated prior to the expiration of its full statutory term as presently shortened by any terminal disclaimer. Check either box 1 or 2 below, if appropriate. 1. ☐ The undersigned is the applicant. If the applicant is an assignee, the undersigned is authorized to act on behalf of the assignee. I hereby acknowledge that any willful false statements made are punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. 2. ☒ The undersigned is an attorney or agent of record. Reg. No. <u>62,798</u> <u>/Amardeep S. Grewal, Reg. No. 62,798/</u> Signature <u>July 12, 2022</u> Date <u>Amardeep S. Grewal</u> Typed or printed name <u>Attorney of Record</u> Title <u>202-414-9272</u> Telephone Number ☒ Terminal disclaimer fee under 37 CFR 1.20(d) included. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.	

This collection of information is required by 37 CFR 1.321. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Electronic Patent Application Fee Transmittal				
Application Number:		17209916		
Filing Date:		23-Mar-2021		
Title of Invention:		DRINK CONTAINERS		
First Named Inventor/Applicant Name:		Jeff Davies		
Filer:		Amardeep S. Grewal/Gwen Benoy		
Attorney Docket Number:		P23813US07		
Filed as Large Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
STATUTORY OR TERMINAL DISCLAIMER	1814	1	170	170
Total in USD (\$)				170

Electronic Acknowledgement Receipt	
EFS ID:	46172500
Application Number:	17209916
International Application Number:	
Confirmation Number:	8445
Title of Invention:	DRINK CONTAINERS
First Named Inventor/Applicant Name:	Jeff Davies
Customer Number:	165846
Filer:	Amardeep S. Grewal/Gwen Benoy
Filer Authorized By:	Amardeep S. Grewal
Attorney Docket Number:	P23813US07
Receipt Date:	12-JUL-2022
Filing Date:	23-MAR-2021
Time Stamp:	17:07:42
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	CARD
Payment was successfully received in RAM	\$170
RAM confirmation Number	E20227BH08150537
Deposit Account	501529
Authorized User	Gwen Benoy
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: 37 CFR 1.16 (National application filing, search, and examination fees) 37 CFR 1.17 (Patent application and reexamination processing fees)	

37 CFR 1.19 (Document supply fees)
 37 CFR 1.20 (Post Issuance fees)
 37 CFR 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		P23813US07_Response_to_No n_Final_Office_Action.pdf	91737	yes	6
			2901d8b222c87a5c246c54ef9c7f59dc66be be4b		
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Amendment/Request for Reconsideration-After Non-Final Rejection		1	1	
	Claims		2	5	
	Applicant Arguments/Remarks Made in an Amendment		6	6	
Warnings:					
Information:					
2	Terminal Disclaimer Filed	P23813US07_Terminal_Disclai mer.pdf	190342	no	1
			c6a92aa1f366a27f13dfc5a7b6d1c0340b1a 2f9d		
Warnings:					
Information:					
3	Fee Worksheet (SB06)	fee-info.pdf	38029	no	2
			74533f7eaf34d5c57539d06bfe51ba90385f dd1		
Warnings:					
Information:					
Total Files Size (in bytes):			320108		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

Application Number * 17/209,916 *	Application/Control No. 17/209,916	Applicant(s)/Patent under Reexamination Davies et al.	
	Examiner POON, ROBERT	Art Unit 3735	
Document Code - DISQ		Internal Document - DO NOT MAIL	

TERMINAL DISCLAIMER	☐ APPROVED	☒ DISAPPROVED
Date Filed: <u>12 July 2022</u>	This patent is subject to a Terminal Disclaimer	

Approved/Disapproved by:
/JEAN PROCTOR/ Technology Center: <u>OPLC</u> Telephone: <u>(571)272-1040</u> <u>The person who signed th terminal disclaimer (only for applications filed on or after September 16, 2012, is not the applicant, patentee or an attorney or agent of record. 37 CFR 1.321(a) and (b). (See FP 14.26.08) failed to state his/her capacity to sign for the juristic entity, and he/she has not been established as being authorized to act on behalf of the applicant. (See FP 14.26.09).</u> <u>(Note: PoA can be given to customer number, wherein all practitioners listed under the customer number have PoA. If PoA is given to a list of practitioners by registration number, the list may not comprise more than 10 practitioners or a separate paper signed by a 37 CFR 1.33(b) party must be in the record identifying which of the practitioners, up to 10, are recognized as having Po A. If the applicant is a juristic entity (e.g., corporation), a representative of the applicant cannot sign the TD unless it is established that the representative is a party authorized to act on behalf of the applicant.)</u>



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
17/209,916	03/23/2021	Jeff Davies	P23813US07	8445
165846	7590	07/22/2022	EXAMINER	
Reed Smith LLP (972852)			POON, ROBERT	
IP Docketing Dept.			ART UNIT	
P.O. Box 488			PAPER NUMBER	
Pittsburgh, PA 15230			3735	
			NOTIFICATION DATE	DELIVERY MODE
			07/22/2022	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

gdonovan@reedsmith.com
ptoipinbox@reedsmith.com

<i>Notice of Non-Compliant Amendment (37 CFR 1.121)</i>	Application No. 17/209,916	Applicant(s) Davies et al.
	Art Unit OPT	AIA (FITF) Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

The amendment document filed on 07/12/2022 is considered non-compliant because it has failed to meet the requirements of 37 CFR 1.121 or 1.4. In order for the amendment document to be compliant, correction of the following item(s) is required.

THE FOLLOWING MARKED (X) ITEM(S) CAUSE THE AMENDMENT DOCUMENT TO BE NON-COMPLIANT:

- ☐ 1. Amendments to the specification:
 - ☐ A. Amended paragraph(s) do not include markings.
 - ☐ B. New paragraph(s) should not be underlined.
 - ☐ C. Other _____.
- ☐ 2. Abstract:
 - ☐ A. Not presented on a separate sheet. 37 CFR 1.72.
 - ☐ B. Other _____.
- ☐ 3. Amendments to the drawings:
 - ☐ A. The drawings are not properly identified in the top margin as "Replacement Sheet", "New Sheet", or "Annotated Sheet" as required by 37 CFR 1.121(d).
 - ☐ B. The practice of submitting proposed drawing correction has been eliminated. Replacement drawings showing amended figures, without markings, in compliance with 37 CFR 1.84 are required.
 - ☐ C. Other _____.
- ☒ 4. Amendments to the claims:
 - ☒ A. A complete listing of all of the claims is not present.
 - ☐ B. The listing of claims does not include the text of all pending claims (including withdrawn claims)
 - ☐ C. Each claim has not been provided with the proper status identifier, and as such, the individual status of each claim cannot be identified. Note: the status of every claim must be indicated after its claim number by using one of the following status identifiers: (Original), (Currently amended), (Canceled), (Previously presented), (New), (Not entered), (Withdrawn) and (Withdrawn-currently amended).
 - ☒ D. The claims of this amendment paper have not been presented in ascending numerical order.
 - ☐ E. Other: _____.
- ☐ 5. Other (e.g., the amendment is unsigned or not signed in accordance with 37 CFR 1.4): For further explanation of the amendment format required by 37 CFR 1.121, see MPEP § 714.

TIME PERIODS FOR FILING A REPLY TO THIS NOTICE:

1. Applicant is given **no new time period** if the non-compliant amendment is an after-final amendment or an amendment filed after allowance, or a drawing submission (only) If applicant wishes to resubmit the non-compliant after-final amendment with corrections, the **entire corrected amendment** must be resubmitted.
2. Applicant is given **two months** from the mail date of this notice to supply the correction, if the non-compliant amendment is one of the following: a preliminary amendment, a non-final amendment (including a submission for a request for continued examination (RCE) under 37 CFR 1.114), a supplemental amendment filed within a suspension period under 37 CFR 1.103(a) or (c), and an amendment filed in response to a Quayle action. If any of above boxes 1 to 4 are checked, the correction required is only the corrected section of the non-compliant amendment in compliance with 37 CFR 1.121.

Extensions of time are available under 37 CFR 1.136(a) only if the non-compliant amendment is a non-final amendment or an amendment filed in response to a *Quayle* action.

Failure to timely respond to this notice will result in:

- Abandonment** of the application if the non-compliant amendment is a non-final amendment or an amendment filed in response to a *Quayle* action; or
- Non-entry** of the amendment if the non-compliant amendment is a preliminary amendment or supplemental amendment.

Legal Instruments Examiner (LIE), if applicable	/TONGELINA C TUBBS/	Telephone No: <u>(571)272-1633</u>
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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875				Application or Docket Number 17/209,916		Filing Date 03/23/2021		☐ To be Mailed	
ENTITY: ☒ LARGE ☐ SMALL ☐ MICRO									
APPLICATION AS FILED - PART I									
		(Column 1)	(Column 2)						
FOR		NUMBER FILED	NUMBER EXTRA		RATE (\$)		FEE (\$)		
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))		N/A	N/A		N/A				
☐ SEARCH FEE (37 CFR 1.16(k), (l), or (m))		N/A	N/A		N/A				
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))		N/A	N/A		N/A				
TOTAL CLAIMS (37 CFR 1.16(j))		minus 20 =	*		x \$100 =				
INDEPENDENT CLAIMS (37 CFR 1.16(h))		minus 3 =	*		x \$480 =				
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))		If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).							
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))									
* If the difference in column 1 is less than zero, enter "0" in column 2.					TOTAL				
APPLICATION AS AMENDED - PART II									
		(Column 1)	(Column 2)		(Column 3)				
AMENDMENT	10/21/2022	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR		PRESENT EXTRA		RATE (\$)		ADDITIONAL FEE (\$)
	Total (37 CFR 1.16(j))	* 19	Minus	** 20	= 0		x \$100 =		0
	Independent (37 CFR 1.16(h))	* 1	Minus	*** 3	= 0		x \$480 =		0
	☐ Application Size Fee (37 CFR 1.16(s))								
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))								
							TOTAL ADD'L FEE		0
AMENDMENT		(Column 1)	(Column 2)		(Column 3)				
		CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR		PRESENT EXTRA		RATE (\$)		ADDITIONAL FEE (\$)
	Total (37 CFR 1.16(j))	*	Minus	**	=		x \$0 =		
	Independent (37 CFR 1.16(h))	*	Minus	***	=		x \$0 =		
	☐ Application Size Fee (37 CFR 1.16(s))								
☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))									
							TOTAL ADD'L FEE		
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.							LIE		
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".							/LASHAWN R MORGAN/		
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".									
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.									

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:	) Confirmation No. 8445
Jeff DAVIES, et al.	)
Serial No. 17/209,916	) Group Art Unit: 3735
Filed: March 23, 2021	) Examiner: Robert POON
	)
For: DRINK CONTAINERS	)

RESPONSE TO NOTICE OF NON-COMPLIANT AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In response to the Notice of Non-Compliant Amendment dated July 22, 2022, Applicant respectfully requests entry of the following amendment and remarks.

Amendments to the Claims begins on page 2 of this paper.

Remarks begin on page 6 of this paper.

Amendments to the Claims:

1. (Original) A drink container, comprising:

a liquid container having a neck with an opening and having an internal compartment sized to hold a volume of potable drink liquid; and

a cap assembly removably coupled to the liquid container, the cap assembly comprising:

a base removably coupled to the neck of the liquid container and including a through-passage extending through the base;

a first catch structure coupled to the base;

a mouthpiece assembly defining a liquid passage through which drink liquid from the liquid container may selectively flow, the mouthpiece assembly being configured to be selectively positioned between a dispensing configuration, in which the liquid passage permits drink liquid to flow from the internal compartment into at least the liquid passage, and a stowed configuration, in which drink liquid is restricted from being dispensed from the liquid container through the liquid passage, wherein the mouthpiece assembly is biased to the dispensing configuration and wherein the mouthpiece assembly comprises:

a rigid collar member that is pivotally coupled to a portion of the cap assembly;

a mouthpiece portion extending from the rigid collar member and including an outlet, wherein the rigid collar member extends around at least a portion of the mouthpiece portion; and

a second catch structure adapted to be selectively engaged with the first catch structure to retain the mouthpiece assembly in the stowed configuration; and

a user release mechanism adapted to automatically disengage the first and second catch structures upon actuation of the user release mechanism and thereby release the mouthpiece assembly to move via its bias from the stowed configuration to the dispensing configuration, wherein the user release mechanism comprises a displacement mechanism with a user engagement pad, wherein the displacement mechanism is configured to displace the first catch structure to selectively disengage the first and the second catch structures, and wherein the user release mechanism is biased to urge the displacement mechanism away from a position where the displacement mechanism disengages the first and second catch structures.

2. (Original) The drink container of claim 1, wherein the user engagement pad extends through a wall of the cap assembly for selective engagement by a user.

3. (Currently Amended) The drink container of claim 1, wherein the cap assembly defines a stowing region sized to receive at least a portion of the mouthpiece assembly when the mouthpiece assembly is in the stowed configuration[[:]].

4. (Original) The drink container of claim 1, wherein the rigid collar member comprises a collar aperture and wherein the mouthpiece portion extends past the collar aperture.

5. (Original) The drink container of claim 1, wherein the mouthpiece portion is constructed of a resiliently deformable material.

6. (Original) The drink container of claim 5, wherein the mouthpiece assembly includes mouthpiece-securing structure that secures the mouthpiece portion to the rigid collar member and restricts relative movement between the mouthpiece portion and the rigid collar member.

7. (Original) The drink container of claim 5, wherein the mouthpiece assembly comprises a tube portion that defines at least a portion of the liquid passage for drink liquid to flow from the internal compartment to the mouthpiece portion.

8. (Original) The drink container of claim 7, wherein the tube portion includes structure for securing the tube portion to the rigid collar member and restricting relative movement between the tube portion and the rigid collar member.

9. (Original) The drink container of claim 7, wherein one of the mouthpiece portion and the tube portion includes the mouthpiece-securing structure; wherein the mouthpiece-securing structure includes one or more of a channel and a depression; wherein the rigid collar member includes one or more of a lip, a flange, and a protrusion; and wherein the one or more of

the channel and the depression defines a seat that engages and mates with the one or more of the lip, the flange, and the protrusion.

10. (Original) The drink container of claim 5, wherein the mouthpiece portion includes a bite-actuated mouthpiece; wherein the bite-actuated mouthpiece is selectively configured between an open configuration, in which the outlet is open and permits drink liquid to flow therethrough, and a closed configuration, in which the outlet restricts drink liquid from flowing therethrough; wherein the bite-actuated mouthpiece is biased to the closed configuration; and wherein the bite-actuated mouthpiece is selectively configured from the closed configuration to the open configuration responsive to a user biting upon opposed sidewalls of the bite-actuated mouthpiece.

11. (Original) The drink container of claim 7, wherein the mouthpiece portion and the tube portion are constructed as a unitary assembly of the resiliently deformable material.

12. (Original) The drink container of claim 7, wherein the mouthpiece assembly further includes an anchor portion that extends from the tube portion.

13. (Original) The drink container of claim 12, wherein the anchor portion has a greater exterior perimeter than the tube portion.

[[15.]] 14. (Currently Amended) The drink container of claim 12, wherein the anchor portion and tube portion are constructed as a unitary assembly of the resiliently deformable material.

[[16.]] 15. (Currently Amended) The drink container of claim 12, wherein the anchor portion defines a recess that is sized and shaped to engage and mate with corresponding structure of the base of the cap assembly.

[[17.]] 16. (Currently Amended) The drink container of claim 12, wherein the anchor portion includes a projecting flange that provides a friction-fit arrangement with the through-passage of the base.

[[18.]] 17. (Currently Amended) The drink container of claim 12, wherein the anchor portion is sized to restrict passage of the anchor portion through the through-passage and thus restrict removal of the mouthpiece assembly via a top side of the cap assembly.

[[19.]] 18. (Currently Amended) The drink container of claim 1, wherein the second catch structure is integral to the mouthpiece assembly.

[[20.]] 19. (Currently Amended) The drink container of claim 1, wherein the cap assembly further comprises a handle that projects away from the base.

REMARKS

Claims 1-20 were rejected in the non-final Office Action dated April 12, 2022 ("Office Action"). A response and terminal disclaimer were submitted on July 12, 2022. A Notice of Non-Compliant Amendment was mailed July 22, 2022, indicating that the claims have not been presented in ascending numerical order. Applicant notes that in the original claims as filed March 23, 2021, there was a typographical error in the claim numbering (there was no claim number 14). Claims 15-20 are herein re-numbered as Claims 14-19. An additional typographical error has been corrected in Claim 3. No new matter has been added. In view of these amendments and the terminal disclaimer submitted on July 12, 2022, Applicant respectfully requests reconsideration and allowance of this application.

Except for issue fees payable under 37 C.F.R. § 1.18, Applicant hereby authorizes the Commissioner to charge any additional fees during the entire pendency of this application, including fees due under 37 C.F.R. §§ 1.16 and 1.17, which may be required, including any required extension of time fees, or credit any overpayment, to Deposit Account No. 50-1529. This paragraph is intended to be a **CONSTRUCTIVE PETITION FOR EXTENSION OF TIME** in accordance with 37 C.F.R. § 1.136(a) (3).

Date: October 21, 2022

Respectfully submitted,

/Amardeep S. Grewal, Reg. No. 62,798/
Amardeep S. Grewal
Reg. No. 62,798

REED SMITH LLP
CUSTOMER NO.: 165846
IP Docketing Dept.
P.O. Box 488
Pittsburgh, PA 15230
(202) 414-9272

Electronic Patent Application Fee Transmittal				
Application Number:		17209916		
Filing Date:		23-Mar-2021		
Title of Invention:		DRINK CONTAINERS		
First Named Inventor/Applicant Name:		Jeff Davies		
Filer:		Amardeep S. Grewal/Gwen Benoy		
Attorney Docket Number:		P23813US07		
Filed as Large Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension - 1 month with \$0 paid	1251	1	220	220
Miscellaneous:				
Total in USD (\$)				220

Electronic Acknowledgement Receipt	
EFS ID:	46870508
Application Number:	17209916
International Application Number:	
Confirmation Number:	8445
Title of Invention:	DRINK CONTAINERS
First Named Inventor/Applicant Name:	Jeff Davies
Customer Number:	165846
Filer:	Amardeep S. Grewal/Gwen Benoy
Filer Authorized By:	Amardeep S. Grewal
Attorney Docket Number:	P23813US07
Receipt Date:	21-OCT-2022
Filing Date:	23-MAR-2021
Time Stamp:	16:32:27
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	CARD
Payment was successfully received in RAM	\$220
RAM confirmation Number	E20220KG32553416
Deposit Account	501529
Authorized User	Gwen Benoy
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: 37 CFR 1.16 (National application filing, search, and examination fees) 37 CFR 1.17 (Patent application and reexamination processing fees)	

37 CFR 1.19 (Document supply fees)
 37 CFR 1.20 (Post Issuance fees)
 37 CFR 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		P23813US07_Response_to_No n_Compliant_Notice.pdf	90130	yes	6
			560f0f4e391eb42721011da2544a873c869e24ec		
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Amendment/Request for Reconsideration-After Non-Final Rejection		1	1	
	Claims		2	5	
	Applicant Arguments/Remarks Made in an Amendment		6	6	
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	38341	no	2
			01b02bb25ec6ca8472a6121b8e07801b77ae97d1		
Warnings:					
Information:					
Total Files Size (in bytes):			128471		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
17/209,916	03/23/2021	Jeff Davies	P23813US07	8445

165846	7590	11/03/2022
Reed Smith LLP (972852)		
IP Docketing Dept.		
P.O. Box 488		
Pittsburgh, PA 15230		

EXAMINER	
POON, ROBERT	

ART UNIT	PAPER NUMBER
3735	

NOTIFICATION DATE	DELIVERY MODE
11/03/2022	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

gdonovan@reedsmith.com
ptoipinbox@reedsmith.com

DETAILED ACTION

Notice of Pre-AIA or AIA Status

The present application is being examined under the pre-AIA first to invent provisions.

Double Patenting

The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the “right to exclude” granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or would have been obvious over, the reference claim(s). See, e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on nonstatutory double patenting provided the reference application or patent either is shown to be commonly owned with the examined application, or claims an invention made as a result of activities undertaken within the scope of a joint research agreement. See MPEP § 717.02 for applications subject to examination under the first inventor to file provisions of the AIA as explained in MPEP § 2159. See MPEP § 2146 *et seq.* for applications not subject to examination under the first inventor to file provisions of the AIA. A terminal disclaimer must be signed in compliance with 37 CFR 1.321(b).

The USPTO Internet website contains terminal disclaimer forms which may be used. Please visit www.uspto.gov/patent/patents-forms. The filing date of the application in which the form is filed determines what form (e.g., PTO/SB/25, PTO/SB/26, PTO/AIA/25, or PTO/AIA/26) should be used. A web-based eTerminal Disclaimer may be filled out completely online using web-screens. An eTerminal Disclaimer that meets all requirements is auto-processed and approved immediately upon submission. For more information about eTerminal Disclaimers, refer to www.uspto.gov/patents/process/file/efs/guidance/eTD-info-I.jsp.

Claims 1-19 rejected on the ground of nonstatutory double patenting as being unpatentable over claims 1-19 of U.S. Patent No. 10,993,563 in view of US Patent No. 5,203,468 to Hsu. The '563 claims disclose all the features as claimed except the user release mechanism comprising a displacement mechanism configured to displace catch structure and being biased to urge the displacement mechanism away from disengaging the catch structures. However, Hsu discloses a user release mechanism comprising a displacement mechanism with a user engagement pad, wherein the displacement mechanism is configured to displace the first catch structure to selectively disengage the first and second catch structures, wherein the user release mechanism is biased to urge the displacement mechanism away from a position where the displacement mechanism disengages the first and second catch structures. One of ordinary skill in the art would have found it obvious to substitute the '563 user release mechanism with a functionally equivalent user release mechanism as taught by Hsu in order to disengage the catch structures since it has been held that simple substitution of one known element for another to obtain predictable results would have been obvious. *In re Fout*, 675 F.2d 297, 213 USPQ 532 (CCPA 1982).

Terminal Disclaimer

The terminal disclaimer does not comply with 37 CFR 1.321 because:

This application was filed before September 16, 2012. The person who signed the terminal disclaimer has failed to state in what capacity it was signed on behalf of the corporation, or other business entity or organization, and the person who signed it has not been established as being authorized to act on behalf of the assignee.

This application was filed before September 16, 2012. The person who signed the terminal disclaimer is not an attorney or agent of record, is not recognized as an officer of the assignee, and has not been established as being authorized to act on behalf of the assignee. See MPEP § 324.

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to ROBERT POON whose telephone number is (571)270-7425. The examiner can normally be reached Monday thru Friday, 8:30 am to 6:00 pm.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at <http://www.uspto.gov/interviewpractice>.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Anthony Stashick can be reached on (571)272-4561. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of published or unpublished applications may be obtained from Patent Center. Unpublished application information in Patent Center is available to registered users. To file and manage patent submissions in Patent Center, visit: <https://patentcenter.uspto.gov>. Visit <https://www.uspto.gov/patents/apply/patent-center> for more information about Patent Center and <https://www.uspto.gov/patents/docx> for information about filing in DOCX format. For additional questions, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/ROBERT POON/
Examiner, Art Unit 3735

<i>Search Notes</i> 	Application/Control No. 17/209,916	Applicant(s)/Patent Under Reexamination Davies et al.
	Examiner ROBERT POON	Art Unit 3735

CPC - Searched*		
Symbol	Date	Examiner
a47g19/2266, 2272	04/07/2022	rp
a47g21/18	04/07/2022	rp
b65d51/242	04/07/2022	rp
b65d47/065, 2031	04/07/2022	rp

CPC Combination Sets - Searched*		
Symbol	Date	Examiner

US Classification - Searched*			
Class	Subclass	Date	Examiner
220	252, 705, 707-709	04/07/2022	rp
215	387-389	04/07/2022	rp

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

Search Notes		
Search Notes	Date	Examiner
see EAST search history	04/07/2022	rp
inventor search	04/07/2022	rp
updated search	10/28/2022	rp

/ROBERT POON/ Examiner, Art Unit 3735	
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<i>Search Notes</i> 	Application/Control No. 17/209,916	Applicant(s)/Patent Under Reexamination Davies et al.
	Examiner ROBERT POON	Art Unit 3735

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner

/ROBERT POON/ Examiner, Art Unit 3735	
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Electronic Acknowledgement Receipt	
EFS ID:	47355251
Application Number:	17209916
International Application Number:	
Confirmation Number:	8445
Title of Invention:	DRINK CONTAINERS
First Named Inventor/Applicant Name:	Jeff Davies
Customer Number:	165846
Filer:	Amardeep S. Grewal/Gwen Benoy
Filer Authorized By:	Amardeep S. Grewal
Attorney Docket Number:	P23813US07
Receipt Date:	11-JAN-2023
Filing Date:	23-MAR-2021
Time Stamp:	16:01:48
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Power of Attorney	P23813US07_POA.pdf	313602	no	4
			c1ff9d110c1613b22328d8be328117e6bc308c77		

Warnings:

Information:	
Total Files Size (in bytes):	313602
This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503. <u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application. <u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course. <u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.	

TRANSMITTAL FOR POWER OF ATTORNEY TO ONE OR MORE REGISTERED PRACTITIONERS

NOTE: This form is to be submitted with the Power of Attorney by Applicant form (PTO/AIA/82B) to identify the application to which the Power of Attorney is directed, in accordance with 37 CFR 1.5, unless the application number and filing date are identified in the Power of Attorney by Applicant form. If neither form PTO/AIA/82A nor form PTO/AIA/82B identifies the application to which the Power of Attorney is directed, the Power of Attorney will not be recognized in the application.

Application Number	17/209,916
Filing Date	March 23, 2021
First Named Inventor	Jeff DAVIES
Title	DRINK CONTAINERS
Art Unit	3735
Examiner Name	Robert POON
Attorney Docket Number	P23813US07

SIGNATURE of Applicant or Patent Practitioner

Signature	/Amardeep S. Grewal, Reg. No. 62,798/	Date (Optional)	2023-01-11
Name	Amardeep S. Grewal	Registration Number	62798
Title (if Applicant is a juristic entity)	Attorney of Record		
Applicant Name (if Applicant is a juristic entity)		CAMELBAK PRODUCTS, LLC	
NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4(d) for signature requirements and certifications. If more than one applicant, use multiple forms.			
☐ *Total of _____ forms are submitted.			

This collection of information is required by 37 CFR 1.131, 1.32, and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB control number.

POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(c).

I hereby appoint:

☒

Practitioners associated with Customer Number:

165846

OR

☐

Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number

Name	Registration Number

As attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(c).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(c) to:

☒

The address associated with Customer Number:

165846

OR

☐

Firm or individual name:

Address:

City

State

Zip

Country

Telephone

Email

Assignee name and address:

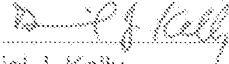
CamelBak Products, LLC
2001 G. McDrish St., Suite 200
Petaluma, California 94954

A copy of this form, together with a statement under 37 CFR 3.73(c) (Form PTO/AIA/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(c) may be completed by one of the practitioners appointed in this form, and must identify the application in which this Power of Attorney is to be filed.

SIGNATURE of Assigner of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee.

Signature



Date

4 Nov. 2019

Name Daniel J. Kelly

Telephone (513) 752-3472

Title Assistant Secretary

This collection of information is required by 37 CFR 1.31, 1.32, and 1.33. The information is required to obtain or retain a benefit by the public, which is to update (and by the USPTO to process) the file of a patent or reexamination proceeding. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.54 and 1.54. This collection is estimated to take 18 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1480, Alexandria, VA 22313-1480. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-5129 and select option 7.

STATEMENT UNDER 37 CFR 3.73(c)

Applicant/Patent Owner: CAMELBAK PRODUCTS, LLC

Application No./Patent No.: 17/209,916 Filed/Issue Date: March 23, 2021

Titled: DRINK CONTAINERS

CAMELBAK PRODUCTS, LLC, a limited liability company

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that, for the patent application/patent identified above, it is (choose **one** of options 1, 2, 3 or 4 below):

1. ☒ The assignee of the entire right, title, and interest.
2. ☐ An assignee of less than the entire right, title, and interest (check applicable box):
- ☐ The extent (by percentage) of its ownership interest is ____%. Additional Statement(s) by the owners holding the balance of the interest must be submitted to account for 100% of the ownership interest.
- ☐ There are unspecified percentages of ownership. The other parties, including inventors, who together own the entire right, title and interest are:

Additional Statement(s) by the owner(s) holding the balance of the interest must be submitted to account for the entire right, title, and interest.

3. ☐ The assignee of an undivided interest in the entirety (a complete assignment from one of the joint inventors was made). The other parties, including inventors, who together own the entire right, title, and interest are:

Additional Statement(s) by the owner(s) holding the balance of the interest must be submitted to account for the entire right, title, and interest.

4. ☐ The recipient, via a court proceeding or the like (e.g., bankruptcy, probate), of an undivided interest in the entirety (a complete transfer of ownership interest was made). The certified document(s) showing the transfer is attached.

The interest identified in option 1, 2 or 3 above (not option 4) is evidenced by either (choose **one** of options A or B below):

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 054368, Frame 0426, or for which a copy thereof is attached.
- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

[Page 1 of 2]

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

STATEMENT UNDER 37 CFR 3.73(c)

3. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

4. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

5. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

6. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet(s).

☒ As required by 37 CFR 3.73(c)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

/Amardeep S. Grewal, Reg. No. 62,798/

January 11, 2023

Signature

Date

Amardeep S. Grewal

62,798

Printed or Typed Name

Title or Registration Number



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
17/209,916	03/23/2021	Jeff Davies	P23813US07

CONFIRMATION NO. 8445

POA ACCEPTANCE LETTER



OC000000137197073

165846
Reed Smith LLP (972852)
IP Docketing Dept.
P.O. Box 488
Pittsburgh, PA 15230

Date Mailed: 01/17/2023

NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 01/11/2023.

The Power of Attorney in this application is accepted. Correspondence in this application will be mailed to the above address as provided by 37 CFR 1.33.

Questions about the contents of this notice and the requirements it sets forth should be directed to the Office of Data Management, Application Assistance Unit, at (571) 272-4000 or (571) 272-4200 or 1-888-786-0101.

/mbeyene/

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:	) Confirmation No. 8445
Jeff DAVIES, et al.	)
Serial No. 17/209,916	) Group Art Unit: 3735
Filed: March 23, 2021	) Examiner: Robert POON
	)
For: DRINK CONTAINERS	)

RESPONSE TO FINAL OFFICE ACTION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In response to the Final Office Action dated November 3, 2022, Applicant respectfully requests entry of the following remarks.

Remarks begin on page 2.

REMARKS

Claims 1-19 are pending in this application.

Claim Rejection – Double Patenting

Claim 1-19 are rejected on the ground of non-statutory double patenting as being unpatentable over claims 1-19 of U.S. Patent No. 10,993,563 to Davies et al. (the '563 Patent), in view of US Patent No. 5,203,468 to Hsu. Applicant submits with this response a terminal disclaimer disclaiming any patent beyond the term of the '563 Patent. This application is believed to be in condition for allowance. If any issues remain, the Examiner is kindly invited to contact the undersigned attorney.

Except for issue fees payable under 37 C.F.R. § 1.18, Applicant hereby authorizes the Commissioner to charge any additional fees during the entire pendency of this application, including fees due under 37 C.F.R. §§ 1.16 and 1.17, which may be required, including any required extension of time fees, or credit any overpayment, to Deposit Account No. 50-1529. This paragraph is intended to be a **CONSTRUCTIVE PETITION FOR EXTENSION OF TIME** in accordance with 37 C.F.R. § 1.136(a) (3).

Date: February 2, 2023

Respectfully submitted,

/Amardeep S. Grewal, Reg. No. 62,798/
Amardeep S. Grewal
Reg. No. 62,798

REED SMITH LLP
CUSTOMER NO.: 165846
IP Docketing Dept.
P.O. Box 488
Pittsburgh, PA 15230
(202) 414-9272



UNITED STATES
PATENT AND TRADEMARK OFFICE

P.O. Box 1450
Alexandria, VA 22313 - 1450
www.uspto.gov

ELECTRONIC PAYMENT RECEIPT

APPLICATION #
17/209,916

RECEIPT DATE / TIME
02/02/2023 09:54:15 AM ET

ATTORNEY DOCKET #
P23813US07

Title of Invention

DRINK CONTAINERS

Application Information

APPLICATION TYPE Utility - Nonprovisional Application
under 35 USC 111(a)

PATENT # -

CONFIRMATION # 8445

FILED BY Shiju Varghese

PATENT CENTER # 61531923

AUTHORIZED BY Amardeep Grewal

CUSTOMER # 165846

FILING DATE 03/23/2021

CORRESPONDENCE
ADDRESS -

FIRST NAMED
INVENTOR -

Payment Information

PAYMENT METHOD
CARD / 5244

PAYMENT TRANSACTION ID
E202322059063585

PAYMENT AUTHORIZED BY
Shiju Varghese

PRE-AUTHORIZED ACCOUNT
501529

PRE-AUTHORIZED CATEGORY
37 CFR 1.16 (National application filing, search, and examination fees); 37
CFR 1.17 (Patent application and reexamination processing fees); 37 CFR 1.19
(Document supply fees); 37 CFR 1.20 (Post issuance fees); 37 CFR 1.21
(Miscellaneous fees and charges)

FEE CODE	DESCRIPTION	ITEM PRICE(\$)	QUANTITY	ITEM TOTAL(\$)
1814	STATUTORY DISCLAIMER, INCLUDING TERMINAL DISCLAIMER	170.00	1	170.00
TOTAL AMOUNT:				\$170.00

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

**TERMINAL DISCLAIMER TO OBTAIN A DOUBLE PATENTING
REJECTION OVER A "PRIOR" PATENT**

Docket Number (Optional)

P23813US07

In re Application of: Jeff DAVIES et al.

Application No.: 17/209,916

Filed: March 23, 2021

For: DRINK CONTAINERS

The applicant, CAMELBACK PRODUCTS, LLC, owner of 100 percent interest in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application which would extend beyond the expiration date of the full statutory term of **prior patent** No. 10,993,563 as the term of said **prior patent** is presently shortened by any terminal disclaimer. The applicant hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and the **prior patent** are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.

In making the above disclaimer, the applicant does not disclaim the terminal part of the term of any patent granted on the instant application that would extend to the expiration date of the full statutory term of the **prior patent**, "as the term of said **prior patent** is presently shortened by any terminal disclaimer," in the event that said **prior patent** later:

- expires for failure to pay a maintenance fee;
- is held unenforceable;
- is found invalid by a court of competent jurisdiction;
- is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321;
- has all claims canceled by a reexamination certificate;
- is reissued; or
- is in any manner terminated prior to the expiration of its full statutory term as presently shortened by any terminal disclaimer.

Check either box 1 or 2 below, if appropriate.

1. ☐ The undersigned is the applicant. If the applicant is an assignee, the undersigned is authorized to act on behalf of the assignee.

I hereby acknowledge that any willful false statements made are punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

2. ☒ The undersigned is an attorney or agent of record. Reg. No. 62,798

/Amardeep S. Grewal, Reg. No. 62,798/

Signature

February 2, 2023

Date

Amardeep S. Grewal

Typed or printed name

Attorney of Record

Title

202-414-9272

Telephone Number

- ☒ Terminal disclaimer fee under 37 CFR 1.20(d) included.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.321. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



UNITED STATES
PATENT AND TRADEMARK OFFICE

P.O. Box 1450
Alexandria, VA 22313 - 1450
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ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #
17/209,916

RECEIPT DATE / TIME
02/02/2023 09:54:15 AM ET

ATTORNEY DOCKET #
P23813US07

Title of Invention

DRINK CONTAINERS

Application Information

APPLICATION TYPE Utility - Nonprovisional Application
under 35 USC 111(a)

PATENT # -

CONFIRMATION # 8445

FILED BY Shiju Varghese

PATENT CENTER # 61531923

FILING DATE 03/23/2021

CUSTOMER # 165846

FIRST NAMED
INVENTOR -

CORRESPONDENCE
ADDRESS -

AUTHORIZED BY Amardeep Grewal

Documents

TOTAL DOCUMENTS: 3

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
P23813US07_Response_to___ Final_OA.pdf	2	-	452 KB
P23813US07_Response_to (1-1) ___Final_OA-A.NE.pdf	1	Response After Final Action	73 KB
P23813US07_Response_to (2-2) ___Final_OA-REM.pdf	1	Applicant Arguments/Remarks Made in an Amendment	73 KB
P23813US07_Terminal_Discl aimer.pdf	1	Terminal Disclaimer Filed	202 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
P23813US07_Response_to_Final_OA.pdf	73935A2D7941EEDC8F1912ADCAC4E832B8028FD738199DA2E510774EE796AF1B4BF9381CB5B5E7132BB6F35FA0798B44D2383BF6F831AAFCC038D27B94E828C1
P23813US07_Response_to_Final_OA-A.NE.pdf	74EAAEE120561D52D83C16670B518A557956E1434AD24DDB7CB86B8FF0424390F886ED999F2CCEA30A91EBF1A467B3D3B7F546DF2DD1A2CC175B4A29EC7844548
P23813US07_Response_to_Final_OA-REM.pdf	A87C8EB8852C52921C660473DB5301C8B9F351358FED8410A9DB803ED75641D2DA3487E0CAC24C0BF6AFA410DCECF37AEDBD193B46DF3E58FAA60F6B75D235CA
P23813US07_Terminal_Disclaimer.pdf	5D0456A4E0D34D60DCE6046CD274DC99C75AD54A0B90C0FA6A8ACB9853E277D9A57F536AE142C0E3DC6B9DBA3513A47B822B47CCAD044A2F1FAF2AC1FD026CE3

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

Application Number * 17/209,916 *	Application/Control No. 17/209,916	Applicant(s)/Patent under Reexamination Davies et al.	
	Examiner POON, ROBERT	Art Unit 3735	
Document Code - DISQ		Internal Document - DO NOT MAIL	

TERMINAL DISCLAIMER	☒ APPROVED	☐ DISAPPROVED
Date Filed: <u>02 February 2023</u>	This patent is subject to a Terminal Disclaimer	

Approved/Disapproved by:
/KIMBERLY R WHITE/ Technology Center: <u>OPLC</u> Telephone: <u>(571)272-6179</u>



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

165846 7590 02/16/2023
Reed Smith LLP (972852)
IP Docketing Dept.
P.O. Box 488
Pittsburgh, PA 15230

EXAMINER

POON, ROBERT

ART UNIT

PAPER NUMBER

3735

DATE MAILED: 02/16/2023

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
17/209,916	03/23/2021	Jeff Davies	P23813US07	8445

TITLE OF INVENTION: DRINK CONTAINERS

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	\$1200	\$0.00	\$0.00	\$1200	05/16/2023

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the ENTITY STATUS shown above. If the ENTITY STATUS is shown as SMALL or MICRO, verify whether entitlement to that entity status still applies.

If the ENTITY STATUS is the same as shown above, pay the TOTAL FEE(S) DUE shown above.

If the ENTITY STATUS is changed from that shown above, on PART B - FEE(S) TRANSMITTAL, complete section number 5 titled "Change in Entity Status (from status indicated above)".

For purposes of this notice, small entity fees are 40% the amount of undiscounted fees, and micro entity fees are 20% the amount of undiscounted fees.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Maintenance fees are due in utility patents issuing on applications filed on or after Dec. 12, 1980. It is patentee's responsibility to ensure timely payment of maintenance fees when due. More information is available at www.uspto.gov/PatentMaintenanceFees.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), by mail or fax, or via EFS-Web.

By mail, send to: Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

By fax, send to: (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

165846 7590 02/16/2023
Reed Smith LLP (972852)
IP Docketing Dept.
P.O. Box 488
Pittsburgh, PA 15230

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being transmitted to the USPTO via EFS-Web or by facsimile to (571) 273-2885, on the date below.

(Typed or printed name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
17/209,916	03/23/2021	Jeff Davies	P23813US07	8445

TITLE OF INVENTION: DRINK CONTAINERS

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	\$1200	\$0.00	\$0.00	\$1200	05/16/2023

EXAMINER	ART UNIT	CLASS-SUBCLASS
POON, ROBERT	3735	220-707000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/AIA/122 or PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/AIA/47 or PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

(1) The names of up to 3 registered patent attorneys or agents OR, alternatively,

1 _____

(2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

2 _____

3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document must have been previously recorded, or filed for recordation, as set forth in 37 CFR 3.11 and 37 CFR 3.81(a). Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. Fees submitted: ☐ Issue Fee ☐ Publication Fee (if required) ☐ Advance Order - # of Copies _____

4b. Method of Payment: (Please first reapply any previously paid fee shown above)

☐ Electronic Payment via EFS-Web ☐ Enclosed check ☐ Non-electronic payment by credit card (Attach form PTO-2038)

☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment to Deposit Account No. _____

5. Change in Entity Status (from status indicated above)

☐ Applicant certifying micro entity status. See 37 CFR 1.29

☐ Applicant asserting small entity status. See 37 CFR 1.27

☐ Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature _____

Date _____

Typed or printed name _____

Registration No. _____



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
17/209,916	03/23/2021	Jeff Davies	P23813US07	8445
165846 7590 02/16/2023 Reed Smith LLP (972852) IP Docketing Dept. P.O. Box 488 Pittsburgh, PA 15230			EXAMINER POON, ROBERT	
			ART UNIT 3735	PAPER NUMBER
DATE MAILED: 02/16/2023				

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (Applications filed on or after May 29, 2000)

The Office has discontinued providing a Patent Term Adjustment (PTA) calculation with the Notice of Allowance.

Section 1(h)(2) of the AIA Technical Corrections Act amended 35 U.S.C. 154(b)(3)(B)(i) to eliminate the requirement that the Office provide a patent term adjustment determination with the notice of allowance. See Revisions to Patent Term Adjustment, 78 Fed. Reg. 19416, 19417 (Apr. 1, 2013). Therefore, the Office is no longer providing an initial patent term adjustment determination with the notice of allowance. The Office will continue to provide a patent term adjustment determination with the Issue Notification Letter that is mailed to applicant approximately three weeks prior to the issue date of the patent, and will include the patent term adjustment on the patent. Any request for reconsideration of the patent term adjustment determination (or reinstatement of patent term adjustment) should follow the process outlined in 37 CFR 1.705.

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

OMB Clearance and PRA Burden Statement for PTOL-85 Part B

The Paperwork Reduction Act (PRA) of 1995 requires Federal agencies to obtain Office of Management and Budget approval before requesting most types of information from the public. When OMB approves an agency request to collect information from the public, OMB (i) provides a valid OMB Control Number and expiration date for the agency to display on the instrument that will be used to collect the information and (ii) requires the agency to inform the public about the OMB Control Number's legal significance in accordance with 5 CFR 1320.5(b).

The information collected by PTOL-85 Part B is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.** Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Notice of Allowability	Application No. 17/209,916	Applicant(s) Davies et al.	
	Examiner ROBERT POON	Art Unit 3735	AIA (FITF) Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 2/2/2023.
☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

2. ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

3. ☒ The allowed claim(s) is/are 1-19 . As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
Certified copies:
a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)	5. ☐ Examiner's Amendment/Comment
2. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____.	6. ☐ Examiner's Statement of Reasons for Allowance
3. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material _____.	7. ☐ Other _____.
4. ☐ Interview Summary (PTO-413), Paper No./Mail Date. _____.	

/ROBERT POON/ Examiner, Art Unit 3735	
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Issue Classification 	Application/Control No. 17/209,916	Applicant(s)/Patent Under Reexamination Davies et al.
	Examiner ROBERT POON	Art Unit 3735

CPC						
Symbol					Type	Version
A47G	/	19	/	2272	F	2013-01-01
A47G	/	19	/	2266	I	2013-01-01
A47G	/	21	/	18	I	2013-01-01
B65D	/	47	/	065	I	2013-01-01
B65D	/	47	/	2031	I	2013-01-01
B65D	/	51	/	242	I	2013-01-01

CPC Combination Sets					
Symbol		Type	Set	Ranking	Version
	/				

NONE (Assistant Examiner) _____ (Date) _____		Total Claims Allowed: 19	
/ROBERT POON/ Examiner, Art Unit 3735 (Primary Examiner) _____ (Date) 11 February 2023		O.G. Print Claim(s) 1	O.G. Print Figure 7

Issue Classification 	Application/Control No. 17/209,916	Applicant(s)/Patent Under Reexamination Davies et al.
	Examiner ROBERT POON	Art Unit 3735

INTERNATIONAL CLASSIFICATION			
CLAIMED			
A47G		19	22
NON-CLAIMED			

US ORIGINAL CLASSIFICATION	
CLASS	SUBCLASS

CROSS REFERENCES(S)						
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)					

NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	19	
/ROBERT POON/ Examiner, Art Unit 3735	11 February 2023	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	7

Issue Classification 	Application/Control No. 17/209,916	Applicant(s)/Patent Under Reexamination Davies et al.
	Examiner ROBERT POON	Art Unit 3735

☒ Claims renumbered in the same order as presented by applicant ☐ CPA ☒ T.D. ☐ R.1.47															
CLAIMS															
Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
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NONE (Assistant Examiner) _____ (Date) _____		Total Claims Allowed: 19	
/ROBERT POON/ Examiner, Art Unit 3735 (Primary Examiner) _____ (Date) 11 February 2023		O.G. Print Claim(s) 1	O.G. Print Figure 7

<i>Search Notes</i> 	Application/Control No. 17/209,916	Applicant(s)/Patent Under Reexamination Davies et al.
	Examiner ROBERT POON	Art Unit 3735

CPC - Searched*		
Symbol	Date	Examiner
a47g19/2266, 2272	04/07/2022	rp
a47g21/18	04/07/2022	rp
b65d51/242	04/07/2022	rp
b65d47/065, 2031	04/07/2022	rp

CPC Combination Sets - Searched*		
Symbol	Date	Examiner

US Classification - Searched*			
Class	Subclass	Date	Examiner
220	252, 705, 707-709	04/07/2022	rp
215	387-389	04/07/2022	rp

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

Search Notes		
Search Notes	Date	Examiner
see EAST search history	04/07/2022	rp
inventor search	04/07/2022	rp
updated search	10/28/2022	rp
updated search	02/11/2023	rp

/ROBERT POON/ Examiner, Art Unit 3735	
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<i>Search Notes</i> 	Application/Control No. 17/209,916	Applicant(s)/Patent Under Reexamination Davies et al.
	Examiner ROBERT POON	Art Unit 3735

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner
	text search	02/11/2023	rp

/ROBERT POON/ Examiner, Art Unit 3735	
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PE2E SEARCH - Search History (Prior Art)

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L49	433	220/707-709.ccls.	(US-PGPUB; USPAT; EPO; JPO)	OR	OFF	OFF	2017/05/31 10:42 AM
L50	723	215/387-389.ccls.	(US-PGPUB; USPAT; EPO; JPO)	OR	OFF	OFF	2017/05/31 10:44 AM
L52	212	220/252.ccls.	(US-PGPUB; USPAT; EPO; JPO)	OR	OFF	OFF	2017/06/04 12:01 AM
L53	362	220/705.ccls.	(US-PGPUB; USPAT; EPO; JPO)	OR	OFF	OFF	2017/06/04 12:01 AM
L54	433	220/707-709.ccls.	(US-PGPUB; USPAT; EPO; JPO)	OR	OFF	OFF	2017/06/04 12:06 AM
L55	723	215/387-389.ccls.	(US-PGPUB; USPAT; EPO; JPO)	OR	OFF	OFF	2017/06/04 12:19 AM
L57	6	((("5582320") or ("5203468") or ("20070039959") or ("6745949") or ("5273172") or ("5337918")).PN.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2018/03/28 07:59 PM
L58	1	"15817013"	(US-PGPUB; USPAT; EPO; JPO)	OR	OFF	OFF	2018/03/28 08:08 PM
L59	3	"15398569"	(US-PGPUB; USPAT; EPO; JPO)	OR	OFF	OFF	2018/03/28 08:45 PM
L60	60	((("6745949") or ("6675998") or ("6609624") or ("6607092") or ("6422415") or ("6390341") or ("6279773") or ("6276560") or ("6116458") or ("6070767") or ("6059154") or ("6050445") or ("5897013") or ("5884793") or ("5873478") or ("5582320") or ("5520304") or ("5518142") or ("5465866") or ("5392968") or ("5337918") or	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2018/03/28 09:18 PM

		("5332131") or ("5273172") or ("5242079") or ("5203468") or ("5065909") or ("4860934") or ("4485963") or ("3907179") or ("3294293") or ("3283967") or ("3181743") or ("2936934") or ("20100181329") or ("20100170902") or ("20080237233") or ("20070039959") or ("20060226110") or ("20050218242") or ("20050133519") or ("20050056652") or ("20050056610") or ("20050029271") or ("20040159820") or ("20040069783") or ("20030218015") or ("20030102318") or ("20030085232") or ("7533783") or ("7255241") or ("d547607") or ("d547606") or ("7201284") or ("7147126") or ("7059490") or ("6915961")).PN.					
L61	561	a47g19/2266.cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2018/09/20 06:40 PM
L62	1194	a47g19/2272.cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2018/09/20 06:58 PM
L63	350	b65d51/242.cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2018/09/20 07:47 PM
L64	164	b65d47/065.cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2018/09/20 08:09 PM
L65	910	b65d47/2031.cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2018/09/20 08:12 PM
L66	415	a47g21/18.cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2018/09/20 08:16 PM
L67	3	"15398569"	(US-PGPUB; USPAT)	OR	OFF	OFF	2018/09/20 08:54 PM
L69	3	"15817013"	(US-PGPUB; USPAT)	OR	OFF	OFF	2019/06/22 05:15 PM
L70	6	((("5203468") or ("5582320") or ("20070039959") or ("6745949") or	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2019/06/22 06:21 PM

L71	1	("5273172") or ("5337918") or ("5582320").PN. "15817013"	(USPAT)	OR	OFF	OFF	2019/06/23 11:08 AM
L72	2	"15398569"	(USPAT)	OR	OFF	OFF	2019/06/23 11:10 AM
L73	62	((("20100193462") or ("20100181329") or ("20100170902") or ("20080237233") or ("20070039959") or ("20060226110") or ("20050218242") or ("20050205587") or ("20050133519") or ("20050056610") or ("20050056652") or ("20050029271") or ("20040159820") or ("20040069783") or ("20030218015") or ("20030102318") or ("20030085232") or ("20020040909") or ("9820595") or ("7533783") or ("7255241") or ("7201284") or ("7147126") or ("7059490") or ("6915961") or ("6745949") or ("6675998") or ("6609624") or ("6607092") or ("6422415") or ("6390341") or ("6279773") or ("6276560") or ("6116458") or ("6070767") or ("6059154") or ("6050445") or ("5897013") or ("5884793") or ("5873478") or ("5582320") or ("5520304") or ("5518142") or ("5465866") or ("5392968") or ("5337918") or ("5332131") or ("5273172") or ("5242079") or ("5203468") or	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2019/09/13 08:10 PM

L74	896	("5065909") or ("4860934") or ("4485963") or ("3907179") or ("3294293") or ("3283967") or ("3181743") or ("2936934")).PN. a47g19/2266.cpc.	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	OFF	OFF	2019/09/13 08:13 PM
L75	2066	a47g19/2272.cpc.	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	OFF	OFF	2019/09/13 08:13 PM
L76	617	b65d51/242.cpc.	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	OFF	OFF	2019/09/13 08:14 PM
L77	272	b65d47/065.cpc.	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	OFF	OFF	2019/09/13 08:20 PM
L78	1559	b65d47/2031.cpc.	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	OFF	OFF	2019/09/13 08:21 PM
L79	736	a47g21/18.cpc.	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	OFF	OFF	2019/09/13 08:23 PM
L80	1	"16237470"	(US-PGPUB; USPAT)	OR	OFF	OFF	2019/09/13 08:50 PM
L82	1	"16237470"	(USPAT)	OR	OFF	OFF	2020/03/25 03:51 PM
L83	2	"15817013"	(USPAT)	OR	OFF	OFF	2020/03/25 03:54 PM
L84	3	"15398569"	(USPAT)	OR	OFF	OFF	2020/03/25 03:55 PM
L85	5	"13479962"	(USPAT)	OR	OFF	OFF	2020/03/25 03:56 PM
L86	6	"12357114"	(USPAT)	OR	OFF	OFF	2020/03/25 03:58 PM
L87	2	"15817013"	(USPAT)	OR	OFF	OFF	2020/03/25 09:09 PM
L88	654	a47g19/2266.cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2020/03/25 11:42 PM
L89	1402	a47g19/2272.cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2020/03/26 12:00 AM
L90	481	a47g21/18.cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2020/03/26 12:01 AM
L91	422	b65d51/242.cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2020/03/26 12:06 AM
L92	196	b65d47/065.cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2020/03/26 12:06 AM
L93	1	"16719213"	(US-PGPUB; USPAT; EPO; JPO;	OR	OFF	OFF	2020/12/12 07:52 PM

L94	1065	a47g19/2266.cpc.	DERWENT) (US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	OFF	OFF	2020/12/12 07:56 PM
L95	2410	a47g19/2272.cpc.	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	OFF	OFF	2020/12/12 07:59 PM
L96	973	a47g21/18.cpc.	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	OFF	OFF	2020/12/12 08:10 PM
L97	735	b65d51/242.cpc.	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	OFF	OFF	2020/12/12 08:10 PM
L98	303	b65d47/065.cpc.	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	OFF	OFF	2020/12/12 08:11 PM
L99	1702	b65d47/2031.cpc.	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	OFF	OFF	2020/12/12 08:18 PM
L101	3	"16719213"	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	OFF	OFF	2022/04/06 10:38 PM
L102	2	((("5203468") or ("5582320")).PN.	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/04/07 12:57 AM
L103	3	"16719213"	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/04/07 01:38 AM
L104	840	a47g19/2266.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2023/02/11 08:38 PM
L105	1807	a47g19/2272.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2023/02/11 08:45 PM
L106	685	a47g21/18.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2023/02/11 08:45 PM
L107	608	b65d51/242.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2023/02/11 08:58 PM
L108	243	b65d47/065.cpc.	(US-PGPUB; USPAT)	OR	ON	ON	2023/02/11 09:01 PM
L109	1	liquid AND container AND internal AND compartment AND cap AND base AND catch AND mouthpiece AND dispensing AND collar AND user AND release AND stowed AND bias AND displacement AND mechanism AND engagement AND pad	(US-PGPUB; USPAT)	OR	ON	ON	2023/02/11 09:16 PM

PE2E SEARCH - Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	British Equivalents	Time Stamp
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N23	2	drink near2 container and catch and mouthpiece and anchor	(USPAT)	OR	OFF	OFF	2012/03/23 03:10 PM
N33	0	"13620078"	(USPAT)	OR	OFF	OFF	2012/12/01 01:29 AM
N41	1	drink near container and cap and catch and mouthpiece and dispensing and outlet and tube and crimping and anchor and release near2 mechanism and channel	(USPAT)	OR	ON	ON	2013/03/23 08:31 PM
N51	2	drink and cap and catch and mouthpiece and inlet and dispensing and mechanism and tube and anchor	(USPAT)	OR	OFF	OFF	2017/05/31 10:48 AM
N56	2	drink and liquid and container and mouthpiece and outlet and dispensing and tube and anchor and release and catch and deformable	(USPAT)	OR	OFF	OFF	2017/06/03 11:01 PM
N68	4	drink and container and cap and liquid and catch and mouthpiece and base and inlet and tube and crimping and stowed and collar and release and bias	(USPAT)	OR	OFF	OFF	2018/09/20 09:00 PM
N81	5	drink and cap and base and mouthpiece and liquid and flow and dispensing and tube and crimping and stowed and anchor and collar and sliding	(USPAT)	OR	OFF	OFF	2019/09/13 08:46 PM
N100	6	drink and liquid and cap and base and catch and mouthpiece and passage and collar and release and actuation and sliding	(USPAT)	OR	OFF	OFF	2020/12/12 08:20 PM
N101	1	liquid AND container AND internal AND compartment AND cap AND base AND catch AND mouthpiece AND dispensing AND collar AND user AND release AND stowed AND bias AND displacement AND mechanism AND	(US-PGPUB; USPAT)	OR	ON	ON	2023/02/11 09:16 PM

		engagement AND pad					
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Bibliographic Data

Application No: 17/209,916

Foreign Priority claimed: ☐ Yes ☒ No

35 USC 119 (a-d) conditions met: ☐ Yes ☐ No ☐ Met After Allowance

Verified and Acknowledged:

Examiner's Signature

Initials

Title:

FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
03/23/2021	220	3735	P23813US07
RULE			

APPLICANTS

CAMELBAK PRODUCTS, LLC, Petaluma, CA,

INVENTORS

Jeff Davies, Windsor, CA, UNITED STATES

Derek Gavin Sullivan, Austin, TX, UNITED STATES

CONTINUING DATA

This application is a CON of 16719213 12/18/2019 PAT 10993563

16719213 is a CON of 16237470 12/31/2018 PAT 10542833

16237470 is a CON of 15817013 11/17/2017 PAT 10165879

15817013 is a CON of 15398569 01/04/2017 PAT 9820595

15398569 is a CON of 13479962 05/24/2012 PAT 9782028

13479962 is a CON of 12357114 01/21/2009 PAT 8191727

FOREIGN APPLICATIONS

IF REQUIRED, FOREIGN LICENSE GRANTED**

03/31/2021

STATE OR COUNTRY

UNITED STATES

ADDRESS

Reed Smith LLP (972852)

IP Docketing Dept.

P.O. Box 488

Pittsburgh, PA 15230

UNITED STATES

FILING FEE RECEIVED

\$1,820

OK TO ENTER: /R.P/

Attorney Docket No. P23813US07

02/11/2023

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:	) Confirmation No. 8445
Jeff DAVIES, et al.	)
Serial No. 17/209,916	) Group Art Unit: 3735
Filed: March 23, 2021	) Examiner: Robert POON
	)
For: DRINK CONTAINERS	)

RESPONSE TO FINAL OFFICE ACTION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In response to the Final Office Action dated November 3, 2022, Applicant respectfully requests entry of the following remarks.

Remarks begin on page 2.

UNITED STATES PATENT AND TRADEMARK OFFICE
COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA VA 22313-1451

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Reed Smith LLP (972852)
IP Docketing Dept.
P.O. Box 488
Pittsburgh, PA 15230



**Courtesy Reminder for
Application Serial No: 17/209,916**

Attorney Docket No: P23813US07
Customer Number: 165846
Date of Electronic Notification: 02/23/2023

This is a courtesy reminder that new correspondence is available for this application. If you have not done so already, please review the correspondence. The official date of notification of the outgoing correspondence will be indicated on the form PTOL-90 accompanying the correspondence.

An email notification regarding the correspondence was sent to the following email address(es) associated with your customer number:

ptoipinbox@reedsmith.com
gdonovan@reedsmith.com

To view your correspondence online or update your email addresses, please visit us anytime at <https://ppair-my.uspto.gov/pair/PrivatePair>. If you have any questions, please email the Electronic Business Center (EBC) at EBC@uspto.gov or call 1-866-217-9197.

Doc Code: MFEE.C.AD

Document Description: Maintenance Fee Address Change

PTO/AIA/47 (11-21)

Approved for use through 11/30/2024. OMB 0651-0016

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB control number.

"FEE ADDRESS" INDICATION FORM

Address to:

**Mail Stop Maintenance Fee
Director of the United States
Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450**

-OR-

**Fax to:
571-273-6500**

INSTRUCTIONS: The issue fee must have been paid for the application(s) listed on this form. In addition, only an address represented by a Customer Number can be established as the fee address for maintenance fee purposes (hereafter, fee address). A fee address should be established when correspondence related to maintenance fees should be mailed to a different address than the correspondence address for the application.

When to check the first box below: If you have a Customer Number to represent the fee address.

When to check the second box below: If you have no Customer Number representing the desired fee address, in which case a completed Request for Customer Number (PTO/SB/125) must be attached to this form. For more information on Customer Numbers, see the Manual of Patent Examining Procedure (MPEP) § 403.

For the following listed application(s), please recognize as the "Fee Address" under the provisions of 37 CFR 1.363 the address associated with:



Customer Number: **137531**

OR



The attached Request for Customer Number form (PTO/SB/125)

PATENT NUMBER
(if known)

APPLICATION NUMBER

17/209,916

Completed by (check one):



Applicant/Inventor



Attorney or Agent of record **62,798**

Reg. No.



Assignee of record of the entire interest. See
37 CFR 3.71. Statement under 37 CFR 3.73(c)
(Form PTO/AIA/96) is enclosed or was filed on

(Date)

/Amardeep S. Grewal, Reg. No. 62,798/

Signature

Amardeep S. Grewal

Typed or printed name

202-414-9272

Requester's telephone number

May 16, 2023

Date

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. If the assignee is a juristic entity, this form must be signed by a patent practitioner (attorney or agent) of record. Submit multiple forms if more than one signature is required, see below*.



*Total of **1** forms are submitted

A Federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with an information collection subject to the requirements of the Paperwork Reduction Act of 1995, unless the information collection has a currently valid OMB Control Number. The OMB Control Number for this information collection is 0651-0016. Public burden for this form is estimated to average 5 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the information collection. Send comments regarding this burden estimate or any other aspect of this information collection, including suggestions for reducing this burden to the Chief Administrative Officer, United States Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450 or email InformationCollection@uspto.gov. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.** SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. The United States Patent and Trademark Office (USPTO) collects the information in this record under authority of 35 U.S.C. 2. The USPTO's system of records is used to manage all applicant and owner information including name, citizenship, residence, post office address, and other information with respect to inventors and their legal representatives pertaining to the applicant's/owner's activities in connection with the invention for which a patent is sought or has been granted. The applicable Privacy Act System of Records Notice for the information collected in this form is COMMERCE/PAT-TM-7 Patent Application Files, available in the Federal Register at 78 FR 19243 (March 29, 2013). <https://www.govinfo.gov/content/pkg/FR-2013-03-29/pdf/2013-07341.pdf>

Routine uses of the information in this record may include disclosure to: 1) law enforcement, in the event that the system of records indicates a violation or potential violation of law; 2) a Federal, state, local, or international agency, in response to its request; 3) a contractor of the USPTO having need for the information in order to perform a contract; 4) the Department of Justice for determination of whether the Freedom of Information Act (FOIA) requires disclosure of the record; 5) a Member of Congress submitting a request involving an individual to whom the record pertains, when the individual has requested the Member's assistance with respect to the subject matter of the record; 6) a court, magistrate, or administrative tribunal, in the course of presenting evidence, including disclosures to opposing counsel in the course of settlement negotiations; 7) the Administrator, General Services Administration (GSA), or their designee, during an inspection of records conducted by GSA under authority of 44 U.S.C. 2904 and 2906, in accordance with the GSA regulations and any other relevant (i.e., GSA or Commerce) directive, where such disclosure shall not be used to make determinations about individuals; 8) another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)); 9) the Office of Personnel Management (OPM) for personnel research purposes; and 9) the Office of Management and Budget (OMB) for legislative coordination and clearance.

If you do not furnish the information requested on this form, the USPTO may not be able to process and/or examine your submission, which may result in termination of proceedings, abandonment of the application, and/or expiration of the patent.

Additional Uses

Additional USPTO uses of the information in this record may include disclosure to: 1) the International Bureau of the World Intellectual Property Organization, if the record is related to an international application filed under the Patent Cooperation Treaty; 2) the public i) after publication of the application pursuant to 35 U.S.C. 122(b), ii) after issuance of a patent pursuant to 35 U.S.C. 151, iii) if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections, or an issued patent, or iv) without publication of the application or patent under the specific circumstances provided for by 37 CFR 1.14(a)(1)(v)-(vii); and/or 3) the National Archives and Records Administration, for inspection of records. <https://www.govinfo.gov/content/pkg/FR-2013-03-29/pdf/2013-07341.pdf>

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), by mail or fax, or via EFS-Web.

By mail, send to: Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

By fax, send to: (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

165846 7590 02/16/2023
Reed Smith LLP (972852)
IP Docketing Dept.
P.O. Box 488
Pittsburgh, PA 15230

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being transmitted to the USPTO via EFS-Web or by facsimile to (571) 273-2885, on the date below.

(Typed or printed name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
17/209,916	03/23/2021	Jeff Davies	P23813US07	8445

TITLE OF INVENTION: DRINK CONTAINERS

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	\$1200	\$0.00	\$0.00	\$1200	05/16/2023

EXAMINER	ART UNIT	CLASS-SUBCLASS
POON, ROBERT	3735	220-707000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/AIA/122 or PTO/SB/122) attached.

☒ "Fee Address" indication (or "Fee Address" Indication form PTO/AIA/47 or PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

(1) The names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Amardeep S. Grewal2 Gerard M. Donovan3 Reed Smith LLP

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document must have been previously recorded, or filed for recordation, as set forth in 37 CFR 3.11 and 37 CFR 3.81(a). Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

CAMELBAK PRODUCTS, LLC

(B) RESIDENCE: (CITY AND STATE OR COUNTRY)

PETALUMA, CA

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. Fees submitted: ☒ Issue Fee ☐ Publication Fee (if required) ☐ Advance Order - # of Copies _____

4b. Method of Payment: (Please first reapply any previously paid fee shown above)

☒ Electronic Payment via EFS-Web ☐ Enclosed check ☐ Non-electronic payment by credit card (Attach form PTO-2038)

☒ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment to Deposit Account No. 50-1529

5. Change in Entity Status (from status indicated above)

☐ Applicant certifying micro entity status. See 37 CFR 1.29

☐ Applicant asserting small entity status. See 37 CFR 1.27

☐ Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature /Amardeep S. Grewal, Reg. No. 62,798/Date May 16, 2023Typed or printed name Amardeep S. GrewalRegistration No. 62,798



UNITED STATES
PATENT AND TRADEMARK OFFICE

P.O. Box 1450
Alexandria, VA 22313 - 1450
www.uspto.gov

ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #
17/209,916

RECEIPT DATE / TIME
05/16/2023 05:19:41 PM ET

ATTORNEY DOCKET #
P23813US07

Title of Invention

DRINK CONTAINERS

Application Information

APPLICATION TYPE Utility - Nonprovisional Application
under 35 USC 111(a)

PATENT # -

CONFIRMATION # 8445

FILED BY Shiju Varghese

PATENT CENTER # 62102328

FILING DATE 03/23/2021

CUSTOMER # 165846

FIRST NAMED INVENTOR Jeff Davies

CORRESPONDENCE ADDRESS -

AUTHORIZED BY Amardeep Grewal

Documents

TOTAL DOCUMENTS: 2

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
P23813US07__23029-US-07_- __IssueFee__Transmittal.pdf	1	Issue Fee Payment (PTO-85B)	370 KB
P23813US07__23029-US-07_- __MF__AddressChange.pdf	2	Maintenance Fee Address Change	272 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
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P23813US07_23029-US-07_- _IssueFee_Transmittal.pdf	3554C994AF45EA15975F043271A74A6243B9F51D6AE3AAE0B AE3FF7311243F8CCFBED17B0C6A499B0EF036E55798457099 308F1C090D76E23D089A1C19800F45
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P23813US07_23029-US-07_- _MF_AddressChange.pdf	C73A2258365663B768EEAC29D7992C6A251539D029F7145461 29C730B5EBEEC108385FED20B0644E4931E5E37E18BB5D79B 376D57BB1A1DDA53A9817B2A9EBD7
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If a new application is being filed and the application includes the necessary components for filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

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ELECTRONIC PAYMENT RECEIPT

APPLICATION #
17/209,916

RECEIPT DATE / TIME
05/16/2023 05:19:41 PM ET

ATTORNEY DOCKET #
P23813US07

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FILED BY Shiju Varghese

PATENT CENTER # 62102328

AUTHORIZED BY Amardeep Grewal

CUSTOMER # 165846

FILING DATE 03/23/2021

CORRESPONDENCE
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FIRST NAMED
INVENTOR Jeff Davies

Payment Information

PAYMENT METHOD
CARD / 5244

PAYMENT TRANSACTION ID
E20235FH20146307

PAYMENT AUTHORIZED BY
Shiju Varghese

PRE-AUTHORIZED ACCOUNT
501529

PRE-AUTHORIZED CATEGORY
37 CFR 1.16 (National application filing, search, and examination fees); 37 CFR 1.17 (Patent application and reexamination processing fees); 37 CFR 1.19 (Document supply fees); 37 CFR 1.20 (Post issuance fees); 37 CFR 1.21 (Miscellaneous fees and charges)

FEE CODE	DESCRIPTION	ITEM PRICE(\$)	QUANTITY	ITEM TOTAL(\$)
1501	UTILITY ISSUE FEE	1200.00	1	1200.00
TOTAL AMOUNT:				\$1,200.00

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APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
17/209,916	06/27/2023	11684187	P23813US07	8445

165846 7590 06/07/2023
Reed Smith LLP (972852)
IP Docketing Dept.
P.O. Box 488
Pittsburgh, PA 15230

ISSUE NOTIFICATION

The projected patent number and issue date are specified above. The patent will issue electronically. The electronically issued patent is the official patent grant pursuant to 35 U.S.C. § 153. The patent may be accessed on or after the issue date through Patent Center at <https://patentcenter.uspto.gov/>. The patent will be available in both the public and the private sides of Patent Center. Further assistance in electronically accessing the patent, or about Patent Center, is available by calling the Patent Electronic Business Center at 1-888-217-9197.

The USPTO is implementing electronic patent issuance with a transition period, during which period the USPTO will mail a ceremonial paper copy of the electronic patent grant to the correspondence address of record. Additional copies of the patent (i.e., certified and presentation copies) may be ordered for a fee from the USPTO's Certified Copy Center at <https://certifiedcopycenter.uspto.gov/index.html>. The Certified Copy Center may be reached at (800)972-6382.

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment is 0 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Application Assistance Unit (AAU) of the Office of Patents Stakeholder Experience (OPSE), Stakeholder Support Division (SSD) at (571)-272-4200.

INVENTOR(s) (Please see PAIR WEB site <http://pair.uspto.gov> for additional inventors):

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APPLICATION NO.	ISSUE DATE	PATENT NO.
17/209,916	27-JUN-23	11684187

Reed Smith LLP (972852) IP Docketing Dept.

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Pittsburgh, PA 15230

EGRANT NOTIFICATION

Your electronic patent grant (eGrant) is now available, which can be accessed via Patent Center at <https://patentcenter.uspto.gov>

The electronic patent grant is the official patent grant under 35 U.S.C. 153. For more information, please visit <https://www.uspto.gov/electronicgrants>