

AO 120 (Rev. 08/10)

TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
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In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court Western District of Arkansas on the following

☐ Trademarks or ☒ Patents. (☐ the patent action involves 35 U.S.C. § 292.);

DOCKET NO. 5:21-cv-05109	DATE FILED 6/11/2021	U.S. DISTRICT COURT Western District of Arkansas
PLAINTIFF Camelbak Products, LLC		DEPENDANT Zak Designs, Inc.
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 9,463,911	10/11/2016	Camelbak
2 9,782,028	10/10/2017	Camelbak
3 9,820,595	11/21/2017	Camelbak
4 10,165,879	1/1/2019	Camelbak
5 10,542,833	1/28/2020	Camelbak

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED 6/11/2021	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☒ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 10,676,255	6/9/2020	Camelbak
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT		
CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
 Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy



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.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/035,418	06/09/2020	10676255	P23808US05	4623

165846 7590 05/20/2020
Reed Smith LLP
P.O. Box 488
Pittsburgh, PA 15230

ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

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 Data Management (ODM) at (571)-272-4200.

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

Robert Choi, Ogden, UT;
CamelBak Products, LLC, Petaluma, CA;
Barley A. Forsman, Cotati, CA;
Jeremy Galten, Petaluma, CA;

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The USA offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to encourage and facilitate business investment. To learn more about why the USA is the best country in the world to develop technology, manufacture products, and grow your business, visit SelectUSA.gov.

"FEE ADDRESS" INDICATION FORM**Address to:**
Mail Stop M Correspondence
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**Fax to:**
571-273-6500**- OR -**

INSTRUCTIONS: The issue fee must have been paid for 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 (PTO/SB/125) form.

PATENT NUMBER (if known)	APPLICATION NUMBER
	16/035,418

Completed by (check one):



Applicant/Inventor

/Amardeep S. Grewal/

Signature



Attorney or Agent of record

62,798

(Reg. No.)

Amardeep S. Grewal

Typed or printed name

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

(Date)

202-414-9272

Requester's telephone number

4/29/2020

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.

This collection of information is required by 37 CFR 1.363. 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 5 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 COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Mail Stop M Correspondence, 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. 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.

Electronic Patent Application Fee Transmittal				
Application Number:		16035418		
Filing Date:		13-Jul-2018		
Title of Invention:		DRINK BOTTLES		
First Named Inventor/Applicant Name:		Robert Choi		
Filer:		Amardeep S. Grewal/Stacey Horne		
Attorney Docket Number:		P23808US05		
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:				
UTILITY APPL ISSUE FEE	1501	1	1000	1000

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				1000

Electronic Acknowledgement Receipt	
EFS ID:	39305213
Application Number:	16035418
International Application Number:	
Confirmation Number:	4623
Title of Invention:	DRINK BOTTLES
First Named Inventor/Applicant Name:	Robert Choi
Customer Number:	165846
Filer:	Amardeep S. Grewal/Stacey Horne
Filer Authorized By:	Amardeep S. Grewal
Attorney Docket Number:	P23808US05
Receipt Date:	29-APR-2020
Filing Date:	13-JUL-2018
Time Stamp:	17:29:08
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	CARD
Payment was successfully received in RAM	\$1000
RAM confirmation Number	E20204SH29303592
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	Issue Fee Payment (PTO-85B)	P23808US05_-_PTOL85.pdf	502924	no	1
			43152cb3ff36e0927b500b6b265edb13d49b77a2		
Warnings:					
Information:					
2	Maintenance Fee Address Change	P23808US05_-_Fee_Address_Indication_Form.pdf	527800	no	2
			cc920c2a38d0ff55108544fead8360877b97145b		
Warnings:					
Information:					
3	Fee Worksheet (SB06)	fee-info.pdf	30494	no	2
			c1efd289cdf8844a52725d1fe26f8659a5a2ddb3		
Warnings:					
Information:					
Total Files Size (in bytes):			1061218		
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.					

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 01/29/2020
Reed Smith LLP
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.

Amardeep S. Grewal	(Typed or printed name)
/Amardeep S. Grewal, Reg. No. 62,798/	(Signature)
April 29, 2020	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/035,418	07/13/2018	Robert Choi	KRN 330E	4623

TITLE OF INVENTION: DRINK BOTTLES

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	\$1000	\$0.00	\$0.00	\$1000	04/29/2020

EXAMINER	ART UNIT	CLASS-SUBCLASS
BRADEN, SHAWN M	3736	215-381000

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/SB/122) attached.

☒ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-09 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. Grewal

2 Gerard M. Donovan

3 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 /Amaradeep S. Grewal, Reg. No. 62,798/Date April 29, 2020Typed or printed name Amardeep S. GrewalRegistration No. 62,798



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 01/29/2020
Reed Smith LLP
P.O. Box 488
Pittsburgh, PA 15230

EXAMINER
BRADEN, SHAWN M

ART UNIT PAPER NUMBER

3736

DATE MAILED: 01/29/2020

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/035,418	07/13/2018	Robert Choi	KRN 330E	4623

TITLE OF INVENTION: DRINK BOTTLES

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	\$1000	\$0.00	\$0.00	\$1000	04/29/2020

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 1/2 the amount of undiscounted fees, and micro entity fees are 1/2 the amount of small entity 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 and an extra copy of the form should be submitted. 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 01/29/2020
Reed Smith LLP
P.O. Box 488
Pittsburgh, PA 15230

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Certificate of Mailing or Transmission

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

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/035,418	07/13/2018	Robert Choi	KRN 330E	4623

TITLE OF INVENTION: DRINK BOTTLES

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	\$1000	\$0.00	\$0.00	\$1000	04/29/2020

EXAMINER	ART UNIT	CLASS-SUBCLASS
BRADEN, SHAWN M	3736	215-381000

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/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-09 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.
16/035,418	07/13/2018	Robert Choi	KRN 330E	4623
165846	7590	01/29/2020	EXAMINER	
Reed Smith LLP P.O. Box 488 Pittsburgh, PA 15230			BRADEN, SHAWN M	
			ART UNIT	PAPER NUMBER
			3736	
DATE MAILED: 01/29/2020				

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. 16/035,418	Applicant(s) Choi et al.	
	Examiner SHAWN M BRADEN	Art Unit 3736	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 12/2/19.
☐ 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 and 3-20. 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 _____.	

/SHAWN M BRADEN/ Primary Examiner, Art Unit 3736	
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<i>Search Notes</i> 	Application/Control No. 16/035,418	Applicant(s)/Patent Under Reexamination Choi et al.
	Examiner SHAWN M BRADEN	Art Unit 3736

CPC - Searched*		
Symbol	Date	Examiner
A47G19/2266, A47G19/2272 , B65D47/066	07/31/2019	smb

CPC Combination Sets - Searched*		
Symbol	Date	Examiner

US Classification - Searched*			
Class	Subclass	Date	Examiner
215	11.4,11.5	07/31/2019	smb
220	254.3,704,705,707,714		
	updated previous search	01/23/2020	smb

* 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
text search and inventor search	07/31/2019	smb

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner
	PGPUB text search, see interference search printout	01/23/2020	smb

/SHAWN M BRADEN/ Primary Examiner, Art Unit 3736	
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Issue Classification 	Application/Control No. 16/035,418	Applicant(s)/Patent Under Reexamination Choi et al.
	Examiner SHAWN M BRADEN	Art Unit 3736

CPC						
Symbol					Type	Version
B65D	/	47	/	065	F	2013-01-01
B65D	/	47	/	066	I	2013-01-01
A47G	/	19	/	2266	I	2013-01-01
A45F	/	3	/	20	I	2013-01-01
A47G	/	19	/	2272	A	2013-01-01

CPC Combination Sets				
Symbol	Type	Set	Ranking	Version

NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	19	
/SHAWN M BRADEN/ Primary Examiner, Art Unit 3736	23 January 2020	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	1

U.S. Patent and Trademark Office

Part of Paper No.: 20200123

Issue Classification 	Application/Control No. 16/035,418	Applicant(s)/Patent Under Reexamination Choi et al.
	Examiner SHAWN M BRADEN	Art Unit 3736

INTERNATIONAL CLASSIFICATION			
CLAIMED			
B65D47/06		47	06

NON-CLAIMED			

US ORIGINAL CLASSIFICATION	
CLASS	SUBCLASS

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

NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	19	
/SHAWN M BRADEN/ Primary Examiner, Art Unit 3736 (Primary Examiner)	23 January 2020 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 1

Issue Classification 	Application/Control No. 16/035,418	Applicant(s)/Patent Under Reexamination Choi et al.
	Examiner SHAWN M BRADEN	Art Unit 3736

☐ 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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2	3	11	12												
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8	9	17	18												
9	10	18	19												

NONE	Total Claims Allowed:	
(Assistant Examiner)	(Date)	19
/SHAWN M BRADEN/ Primary Examiner, Art Unit 3736	23 January 2020	O.G. Print Claim(s)
(Primary Examiner)	(Date)	1
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EAST Search History

EAST Search History (Prior Art)

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S27	119	("1788795" "2844267" "20020033399" "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" "3179301" "3181743" "3294293" "3392887" "3972443" "4090650" "4485963" "4607755" "4836404" "4852762" "4860934" "4925042" "5060833" "5065909" "5085336" "5085349" "5101991" "5203468" "5242079" "5273172" "5301858" "5332131" "5392968" "5465866" "5518142" "5520304" "5582315" "5601207" "5607087" "5699933" "5730336" "5755368" "5791510" "5806726" "5873478" "5884793"	US- PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2009/10/20 14:16

		"5897013" "5911406" "6021801" "6032831" "6050433" "6050445" "6059154" "6070767" "6116458" "6196413" "6199729" "6212959" "6264166" "6276560" "6279772" "6279773" "6283344" "6364168" "6390341" "6422415" "6497348" "6513686" "6523711" "6557721" "6607092" "6609624" "6675998" "6698716" "6708950" "6719273" "6742681" "6745915" "6764064" "6783115" "6854888" "6908015" "6915961" "7014077" "7048137" "D489978").PN.				
S28	0	Leinenweber (US Pub No 2003/0085232) Yang (US Pub "No." 2004/0159820)	US- PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2010/04/16 10:32
S29	2	Leinenweber "2003" "0085232"	US- PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2010/04/16 10:32
S30	7	Leinenweber.in.	US- PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2010/04/16 10:33
S31	1	"6116458".pn.	US- PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2010/04/16 10:37
S32	1	"5791510".pn.	US- PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2010/04/16 10:37
S33	686	squeeze bottle drink	US- PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2010/08/17 14:13
S34	71	squeeze bottle drink	US- PGPUB; USPAT; USOCR; EPO; JPO	SAME	ON	2010/08/17 14:13
S35	31	("2537545" "2625302" "2653736" "2666555" "3118577" "3222037" "3643704" "3696977" "3731855" "3757981" "4015602" "4274562" "4382529" "4441638" "4541551"	US- PGPUB; USPAT; USOCR	AND	ON	2010/08/17 14:27

		"4807786" "5145094" "5289945" "5295597" "5358132" "5425483" "5458274").PN. OR ("5620114").URPN.				
S36	127	("20040217139" "20050045647" "4925042" "5203468" "5806726" "6059154" "6196413" "6212959" "6497348" "6708950" "6908015" "7032764" "5332131" "6116458" "20040000551" "20050029271" "20050056652" "3392887" "5553726" "5607087" "6050433" "6276560" "6523771" "6675998" "6854888" "7048137" "7059490" "1788795" "20020148806" "20020166990" "20030173536" "20050029313" "20050072804" "20050115966" "20050205587" "5332131" "5582315" "5699933" "6070767" "6279772" "6279773" "7073688" "20030102318" "20020185495" "20030218015" "20040079775" "20040089301" "20040164043" "20050056610" "3972443" "4090650" "4485963" "4836404" "5433535" "5520304" "5730336" "6021801" "6283344" "6364168" "6557721" "6609624" "6745915" "6783115" "4212408" "2844267" "20020092858" "20030222238" "20050072788" "20050128242" "3179301" "3181743" "5085336" "5273172" "5301858" "5601207" "5873478" "5884793" "6032831" "6179273" "6199729" "6513686" "6764064" "6915961" "20020092877" "20030116573" "20040217187" "20050133505" "20050133519" "4852762" "5060833" "5085349" "5101991" "5242079" "5755368" "5791510" "5911406" "6390341" "6742681" "D489978" "3739938" "6609624" "20040222230" "5065909" "5433353" "5518142" "5897013" "6050445" "6116458" "6264166" "6698716" "20020033399" "20030085232" "20030168462" "20040069783" "20040159820" "3294293" "4607755" "4860934" "5392968" "5465866" "6422415" "6607092" "7014077" "5307950").PN.	US- PGPUB; USPAT; USOCR	AND	ON	2015/11/11 07:47
S37	9108	(mouth or bitevalve) hexagonal	US- PGPUB; USPAT; USOCR	AND	ON	2015/11/12 07:59
S38	588	(mouthpiece or bitevalve) hexagonal	US- PGPUB; USPAT; USOCR	AND	ON	2015/11/12 07:59
S39	75	(mouthpiece or bitevalve) same hexagonal	US- PGPUB; USPAT; USOCR	AND	ON	2015/11/12 08:00
S40	0	(bitevalve) same hexagonal	US-	AND	ON	2015/11/12

			PGPUB; USPAT; USOCR			08:10
S41	0	(bitevalve) hexagonal	US- PGPUB; USPAT; USOCR	AND	ON	2015/11/12 08:10
S42	588	(mouthpiece) hexagonal	US- PGPUB; USPAT; USOCR	AND	ON	2015/11/12 08:10
S43	75	(mouthpiece) same hexagonal	US- PGPUB; USPAT; USOCR	AND	ON	2015/11/12 08:10
S44	0	bitevalve.ti.	US- PGPUB; USPAT; USOCR	AND	ON	2015/11/12 08:37
S45	0	bitevalve	US- PGPUB; USPAT; USOCR	AND	ON	2015/11/12 08:38
S46	0	bitevalve	US- PGPUB; USPAT; USOCR	AND	ON	2015/11/12 08:38
S47	376	bite adj valve	US- PGPUB; USPAT; USOCR	AND	ON	2015/11/12 08:39
S48	24	bite adj valve .ti.	US- PGPUB; USPAT; USOCR	AND	ON	2015/11/12 08:39
S49	105	(US-20050133519-\$ or US-20050133505-\$ or US-20050072804-\$ or US-20050029313-\$ or US-20050029271-\$ or US-20040159820-\$ or US-20040069783-\$ or US-20030173536-\$ or US-20070045217-\$ or US-20070039959-\$ or US-20050115967-\$ or US-20070108214-\$ or US-20030085232-\$ or US-20030102318-\$ or US-20030222238-\$ or US-20020092877-\$ or US-20070051727-\$ or US-20050115966-\$ or US-20040222230-\$ or US-20040217139-\$ or US-20030218015-\$ or US-20020148806-\$ or US-20050045647-\$ or US-20060237387-\$ or US-20060201902-\$ or US-20080093323-\$).did. or (US-20050258124-\$ or US-20040118801-\$ or US-20060129127-\$ or US-20060081552-\$ or US-20050121405-\$ or US-20040188372-\$ or US-20040118858-\$ or US-20040035815-\$ or US-20020033399-\$ or US-20100127005-\$ or US-20060226171-\$ or US-20060180594-\$ or US-20050269337-\$ or US-20050167439-\$ or US-20020036176-\$ or US-20140319183-\$).did. or (US-6609624-\$ or US-6390341-\$ or US-6279773-\$ or US-6116458-\$ or US-	US- PGPUB; USPAT; USOCR	AND	ON	2015/11/12 15:21

		6059154-\$ or US-6050433-\$ or US-5884793-\$ or US-5873478-\$ or US-5582315-\$ or US-5520304-\$ or US-5392968-\$ or US-5203468-\$ or US-5085336-\$ or US-3392887-\$ or US-3181743-\$ or US-D547607-\$ or US-7140509-\$ or US-7124907-\$ or US-7059490-\$ or US-6523711-\$ or US-6161728-\$ or US-5339982-\$ or US-5624062-\$ or US-5332131-\$ or US-5131571-\$ or US-3045880-\$).did. or (US-6745949-\$ or US-6698716-\$ or US-6557721-\$ or US-5242079-\$ or US-5065909-\$ or US-2844267-\$ or US-6783115-\$ or US-6764064-\$ or US-5911406-\$ or US-5897013-\$ or US-5101991-\$ or US-1788795-\$ or US-7419069-\$ or US-7134564-\$ or US-7032764-\$ or US-6957744-\$ or US-6176380-\$ or US-5791510-\$ or US-5788097-\$ or US-5601207-\$ or US-5553726-\$ or US-4301934-\$ or US-6742665-\$ or US-6286697-\$ or US-5927565-\$ or US-5620114-\$ or US-5295597-\$).did. or (US-4382529-\$ or US-5433353-\$ or US-4976364-\$ or US-6279772-\$ or US-5730336-\$ or US-7267245-\$ or US-6874760-\$ or US-6886807-\$).did. or (US-3392887-\$ or US-3181743-\$).did.				
S50	1319	((A47G19/2266 OR A47G19/2272 OR B65D47/066).CPC.)	US-PGPUB; USPAT; USOCR	AND	ON	2015/11/12 15:23
S51	1319	((A47G19/2266, A47G19/2272 , B65D47/066).CPC.)	US-PGPUB; USPAT; USOCR	AND	ON	2015/11/12 15:23
S52	0	("8777048.pn.").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2016/06/14 13:55
S53	1	"8777048".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2016/06/14 13:55
S54	46	((("CHOI") near3 ("Robert"))).INV.	US-PGPUB; USPAT; USOCR	AND	ON	2018/02/22 09:20
S55	39	((("FORSMAN") near3 ("Barley"))).INV.	US-PGPUB; USPAT; USOCR	AND	ON	2018/02/22 09:25
S56	19	((("GALTEN") near3 ("Jeremy"))).INV.	US-PGPUB; USPAT; USOCR	AND	ON	2018/02/22 09:26
S57	16	((("CAMELBAK") near3 ("PRODUCTS") near3 ("LLC"))).AANM.	USPAT	AND	ON	2018/02/22 09:27
S58	16	((("CAMELBAK") near3 ("PRODUCTS")	USPAT	AND	ON	2018/02/22

		near3 ("LLC").AANM.				09:27
S59	0	"87770488".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2018/02/22 11:50
S60	1	"8622237".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2018/02/22 11:50
S61	31	"37082196".FMID.	US-PGPUB; USPAT; FPRS	AND	ON	2018/02/22 11:52
S62	142672	squeeze	US-PGPUB; USPAT; FPRS	AND	ON	2018/02/22 12:06
S63	9	S61 S62	US-PGPUB; USPAT; FPRS	AND	ON	2018/02/22 12:06
S64	109	(US-20050133519-\$ or US-20050133505-\$ or US-20050072804-\$ or US-20050029313-\$ or US-20050029271-\$ or US-20040159820-\$ or US-20040069783-\$ or US-20030173536-\$ or US-20070045217-\$ or US-20070039959-\$ or US-20050115967-\$ or US-20070108214-\$ or US-20030085232-\$ or US-20030102318-\$ or US-20030222238-\$ or US-20020092877-\$ or US-20070051727-\$ or US-20050115966-\$ or US-20040222230-\$ or US-20040217139-\$ or US-20030218015-\$ or US-20020148806-\$ or US-20050045647-\$ or US-20060237387-\$ or US-20060201902-\$ or US-20080093323-\$).did. or (US-20050258124-\$ or US-20040118801-\$ or US-20060129127-\$ or US-20060081552-\$ or US-20050121405-\$ or US-20040188372-\$ or US-20040118858-\$ or US-20040035815-\$ or US-20020033399-\$ or US-20100127005-\$ or US-20060226171-\$ or US-20060180594-\$ or US-20050269337-\$ or US-20050167439-\$ or US-20020036176-\$ or US-20140319183-\$).did. or (US-6609624-\$ or US-6390341-\$ or US-6279773-\$ or US-6116458-\$ or US-6059154-\$ or US-6050433-\$ or US-5884793-\$ or US-5873478-\$ or US-5582315-\$ or US-5520304-\$ or US-5392968-\$ or US-5203468-\$ or US-5085336-\$ or US-3392887-\$ or US-3181743-\$ or US-D547607-\$ or US-7140509-\$ or US-7124907-\$ or US-7059490-\$ or US-6523711-\$ or US-6161728-\$ or US-5339982-\$ or US-5624062-\$ or US-5332131-\$ or US-5131571-\$ or US-3045880-\$).did. or (US-6745949-\$ or US-6698716-\$ or US-6557721-\$ or US-5242079-\$ or US-5065909-\$ or US-2844267-\$ or US-6783115-\$ or US-6764064-\$ or US-	US-PGPUB; USPAT; USOCR	AND	ON	2018/02/22 12:13

		5911406-\$ or US-5897013-\$ or US-5101991-\$ or US-1788795-\$ or US-7419069-\$ or US-7134564-\$ or US-7032764-\$ or US-6957744-\$ or US-6176380-\$ or US-5791510-\$ or US-5788097-\$ or US-5601207-\$ or US-5553726-\$ or US-4301934-\$ or US-6742665-\$ or US-6286697-\$ or US-5927565-\$ or US-5620114-\$ or US-5295597-\$).did. or (US-4382529-\$ or US-5433353-\$ or US-4976364-\$ or US-6279772-\$ or US-5730336-\$ or US-7267245-\$ or US-6874760-\$ or US-6886807-\$ or US-7533783-\$ or US-9463911-\$ or US-9113698-\$ or US-8622237-\$).did. or (US-3392887-\$ or US-3181743-\$).did.				
S65	28	S62 S64	US-PGPUB; USPAT; USOCR	AND	ON	2018/02/22 12:13
S66	501	bite adj valve	US-PGPUB; USPAT; USOCR	AND	ON	2018/02/22 12:51
S67	6328	squeeze adj bottle	US-PGPUB; USPAT; USOCR	AND	ON	2018/02/22 12:51
S68	598373	"910"	US-PGPUB; USPAT; USOCR	AND	ON	2018/02/22 12:51
S69	921393	"91" "0"	US-PGPUB; USPAT; USOCR	AND	ON	2018/02/22 12:51
S70	12	S66 S67	US-PGPUB; USPAT; USOCR	AND	ON	2018/02/22 12:51
S71	3986	squeeze beverage	US-PGPUB; USPAT; USOCR	AND	ON	2018/02/22 15:17
S72	675614	outlet valve	US-PGPUB; USPAT; USOCR	AND	ON	2018/02/22 15:17
S73	13	(squeeze beverage outlet valve).clm.	US-PGPUB; USPAT; USOCR	AND	ON	2018/02/22 15:38
S74	2	2003/0102318 "2,936,934" "3,283,967" "6,116,458" "6,609,624" "7,059,490"	US-PGPUB; USPAT; USOCR	AND	ON	2018/02/22 15:51
S75	0	2003/0102318.pn. "2,936,934".pn. "3,283,967".pn. "6,116,458".pn. "6,609,624".pn. "7,059,490".pn.	US-PGPUB; USPAT;	AND	ON	2018/02/22 15:51

			USOCR			
S76	0	2003/0102318.pn.	US-PGPUB; USPAT; USOCR	AND	ON	2018/02/22 15:52
S77	1	"20030102318".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2018/02/22 15:52
S78	0	"2,936,934".pn. "3,283,967".pn. "6,116,458".pn. "6,609,624".pn. "7,059,490".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2018/02/22 15:52
S79	2	"2,936,934".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2018/02/22 15:52
S80	2	"3,283,967".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2018/02/22 15:52
S81	1	"6,116,458".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2018/02/22 15:53
S82	1	"6,609,624".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2018/02/22 15:53
S83	1	"7,059,490".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2018/02/22 15:53
S84	1	"6290108".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2018/02/22 16:01
S85	1	"6446844".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2018/02/22 16:01
S86	1	"6095382".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2018/02/22 16:02
S87	932	("0470776" "1166551" "1588218" "1788795" "20020033399" "20020092858" "20020092877" "20020148806" "20020166990" "20020185495" "20030016370" "20030085232" "20030116573" "20030168462" "20030173536" "20030218015" "20030222238" "20040000551" "20040069783" "20040079775" "20040089301" "20040159820" "20040164043" "20040217139" "20040217187" "20040222230" "20050029271" "20050029313" "20050045647" "20050056610" "20050056652"	US-PGPUB; USPAT; USOCR	AND	ON	2019/07/30 18:59

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"20050218242"	"2098128"	"2529817"
"2573378"	"2622922"	"2641376"
"2684793"	"2773631"	"2792976"
"2800245"	"2844267"	"2869816"
"2893611"	"2893612"	"3023939"
"3034504"	"3045880"	"3055556"
"3094255"	"3111245"	"3179301"
"3181743"	"3199742"	"3278095"
"3294293"	"3323689"	"3323694"
"3337098"	"3371827"	"3372832"
"3392887"	"3489307"	"3490659"
"3516581"	"3537623"	"3655099"
"3655103"	"3718238"	"3739938"
"3776428"	"3782577"	"3840153"
"3847313"	"3858773"	"3863818"
"3874568"	"3881643"	"3884392"
"3907179"	"3924775"	"3949897"
"3972443"	"4077601"	"4080989"
"4090650"	"4133446"	"4165816"
"4209100"	"4209114"	"4216880"
"4236655"	"4239132"	"4282991"
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"4591079"	"4602728"	"4607755"
"4630333"	"4632266"	"4684032"
"4693399"	"4714173"	"4714550"
"4726479"	"4732303"	"4776494"
"4779764"	"4779773"	"4832238"
"4836404"	"4852762"	"4860934"
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"4991745"	"4998649"	"5048705"
"5060833"	"5065909"	"5065913"
"5065914"	"5078289"	"5079013"
"5085335"	"5085336"	"5085347"
"5085349"	"5101991"	"5131571"
"5133482"	"5150815"	"5156335"
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"5332131"	"5337918"	"5339982"
"5346081"	"5361934"	"5370279"
"5392968"	"5413230"	"5415312"
"5439143"	"5465866"	"5477994"
"5488451"	"5494445"	"5509551"
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		0185495-\$ US-0205587-\$ US-0217139-\$ US-0217187-\$ US-0218015-\$ US-0218242-\$ US-0222230-\$ US-0222238-\$ US-0266067-\$ US-1788795-\$ US-1095599-\$ US-1198083-\$ US-1394186-\$ US-2844267-\$ US-2936934-\$ US-20020033399-\$ US-20020092858-\$ US-20020092877-\$ US-20020148806-\$ US-20020166990-\$ US-20020185495-\$ US-20030085232-\$ US-20030102318-\$ US-20030116573-\$ US-20030168462-\$ US-20030173536-\$ US-20030218015-\$ US-20030222238-\$ US-20040000551-\$ US-20040069783-\$ US-20040079775-\$ US-20040089301-\$ US-20040159820-\$ US-20040164043-\$ US-20040217139-\$ US-20040217187-\$ US-20040222230-\$ US-20050029271-\$ US-20050029313-\$ US-20050045647-\$ US-20050056610-\$ US-20050056652-\$ US-20050072788-\$ US-20050072804-\$ US-20050115966-\$ US-20050133505-\$ US-20050133519-\$ US-20050184075-\$ US-20050205587-\$ US-20050218242-\$ US-2279130-\$ US-3179301-\$ US-3181743-\$ US-3283967-\$ US-3294293-\$ US-3392887-\$ US-3739938-\$ US-3972443-\$ US-4090650-\$ US-4212408-\$ US-4485963-\$ US-4607755-\$ US-4836404-\$ US-4852762-\$ US-4860934-\$ US-4925042-\$ US-5060833-\$ US-5065909-\$ US-5085336-\$ US-5085349-\$ US-5101991-\$ US-5203468-\$ US-5242079-\$ US-5273172-\$ US-5301858-\$ US-5307950-\$ US-5332131-\$ US-5392968-\$ US-5433353-\$ US-5433535-\$ US-5465866-\$ US-5518142-\$ US-5520304-\$ US-5553726-\$ US-5582315-\$ US-5601207-\$ US-5607087-\$ US-5699933-\$ US-5730336-\$ US-5755368-\$ US-5791510-\$ US-5806726-\$ US-5873478-\$ US-5884793-\$ US-5897013-\$ US-5911406-\$ US-6021801-\$ US-6032831-\$ US-6050433-\$ US-6050445-\$ US-6059154-\$ US-6070767-\$ US-6095382-\$ US-6116458-\$ US-6196413-\$ US-6199729-\$ US-6212959-\$ US-6264166-\$ US-6276560-\$ US-6279772-\$ US-6279773-\$ US-6283344-\$ US-6290108-\$ US-6364168-\$ US-6390341-\$ US-6422415-\$ US-6446844-\$ US-6497348-\$ US-6513686-\$ US-6523711-\$ US-6557721-\$ US-6607092-\$ US-6609624-\$ US-6675998-\$ US-6698716-\$ US-6708950-\$ US-6719273-\$ US-6742681-\$ US-6745915-\$ US-6764064-\$ US-6783115-\$ US-6854888-\$ US-6908015-\$ US-6915961-\$ US-6994225-\$ US-7014077-\$ US-7032764-\$ US-7048137-\$ US-7059490-\$ US-7073688-\$ US-8701928-\$ US-85106703-\$ US-D489978-\$).DID.				
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S93	1	"10023365".pn.	US-PGPUB; USPAT;	AND	ON	2019/11/12 13:58

EAST Search History

			USOCR			
S94	0	lateral sides pivot mount mouth piece crimp	US- PGPUB; USPAT; USOCR	SAME	ON	2020/01/23 23:11

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	lateral sides pivot mount mouth projection resilient cap dispen	US-PGPUB	AND	ON	2020/01/24 10:39
L2	178	lateral sides pivot mount mouth projection resilient cap	US-PGPUB	AND	ON	2020/01/24 10:39
S95	0	lateral sides pivot mount mouth piece crimp	US-PGPUB; USPAT	SAME	ON	2020/01/23 23:12
S96	0	lateral sides pivot mount mouth piece crimp	US-PGPUB	SAME	ON	2020/01/23 23:12
S97	0	lateral sides pivot mount mouth piece	US-PGPUB	SAME	ON	2020/01/23 23:12
S98	0	lateral sides pivot mount mouth piece	US-PGPUB	WITH	ON	2020/01/23 23:12
S99	1324	lateral sides pivot mount mouth piece	US-PGPUB	AND	ON	2020/01/23 23:12
S100	0	lateral sides pivot mount mouth piece projection resilient cap dispen	US-PGPUB	AND	ON	2020/01/23 23:12

1/ 24/ 2020 10:46:18 AM

C:\Users\sbraden\Documents\EAST\Workspaces\15287915 camel back latest of 5 cases
squeeze to dispen.wsp



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/035,418	07/13/2018	Robert Choi	KRN 330E	4623
165846	7590	12/09/2019	EXAMINER	
Reed Smith LLP P.O. Box 488 Pittsburgh, PA 15230			BRADEN, SHAWN M	
			ART UNIT	PAPER NUMBER
			3736	
			NOTIFICATION DATE	DELIVERY MODE
			12/09/2019	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

Summary of Record of Interview Requirements

Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record

A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

Title 37 Code of Federal Regulations (CFR) 1.133 Interviews

Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

37 CFR §1.2 Business to be transacted in writing.

All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiners responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicants correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:

- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:

- 1) A brief description of the nature of any exhibit shown or any demonstration conducted, -
- 2) an identification of the claims discussed,
- 3) an identification of the specific prior art discussed,
- 4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
- 5) a brief identification of the general thrust of the principal arguments presented to the examiner,
(The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
- 6) a general indication of any other pertinent matters discussed, and
- 7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicants record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiners version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, Interview Record OK on the paper recording the substance of the interview along with the date and the examiners initials.

Electronic Patent Application Fee Transmittal				
Application Number:		16035418		
Filing Date:		13-Jul-2018		
Title of Invention:		DRINK BOTTLES		
First Named Inventor/Applicant Name:		Robert Choi		
Filer:		Amardeep S. Grewal		
Attorney Docket Number:		KRN 330E		
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	200	200
Miscellaneous:				
Total in USD (\$)				200

Electronic Acknowledgement Receipt	
EFS ID:	37901482
Application Number:	16035418
International Application Number:	
Confirmation Number:	4623
Title of Invention:	DRINK BOTTLES
First Named Inventor/Applicant Name:	Robert Choi
Customer Number:	165846
Filer:	Amardeep S. Grewal
Filer Authorized By:	
Attorney Docket Number:	KRN 330E
Receipt Date:	02-DEC-2019
Filing Date:	13-JUL-2018
Time Stamp:	16:21:47
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	\$200
RAM confirmation Number	E2019B2G27003573
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	Amendment/Req. Reconsideration-After Non-Final Reject	P23808US05_-_2019-12-02_-_Response_to_OA.pdf	529031	no	10
			712bf10bd24779e6a633b8b08b7464d52b87ecad		
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	30499	no	2
			558d2b8435d64793cfd9f6300e8e8e12acfbce28d		
Warnings:					
Information:					
Total Files Size (in bytes):			559530		
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.					

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:	) Confirmation No. 4623
	)
Serial No. 16/035,418	) Group Art Unit: 3736
Filed: July 13, 2018	) Examiner: Shawn M. Braden
	)
For: DRINK BOTTLES	) Date: December 2, 2019

RESPONSE TO OFFICE ACTION

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

In response to the Office Action dated August 2, 2019, Applicant respectfully requests entry of the following amendment and remarks.

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

Remarks begin on page 7 of this paper.

Amendments to the Claims:

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

1. (Currently Amended) A drink container, comprising:

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

a cap assembly removably coupled to the fluid container to cover the opening, wherein the cap assembly defines a fluid conduit for drink fluid to flow from the fluid container and through the cap assembly to a user, wherein the fluid conduit includes an inlet through which drink fluid from the fluid container may enter the fluid conduit, and a dispensing outlet through which drink fluid in the fluid conduit may be dispensed from the cap assembly to a user, and further wherein the cap assembly comprises:

a cap assembly base removably coupled to the neck of the fluid container, wherein the cap assembly base is configured to be selectively and repeatedly decoupled from and re-coupled to the neck of the fluid container;

a pivotal mount coupled to the cap assembly base for pivotal movement relative to the cap assembly base, wherein the pivotal mount includes a pair of lateral projections, wherein the cap assembly base defines a pair of sockets into which the pair of lateral projections extend;

a resilient mouthpiece coupled to the pivotal mount for pivotal movement with the pivotal mount relative to the cap assembly base, wherein the resilient mouthpiece is pivotal about an axis defined by the pair of lateral projections as the pair of lateral projections rotate within the pair of sockets;

wherein the resilient mouthpiece defines a portion of the fluid conduit, including the dispensing outlet;

wherein the resilient mouthpiece and the pivotal mount are configured to be selectively pivoted between a stowed position and a dispensing position, and further in the dispensing position, the dispensing outlet is positioned further away from the cap assembly base than when the resilient mouthpiece and the pivotal mount are in the stowed position;

wherein the resilient mouthpiece is adapted to resiliently compress responsive to compressive forces applied to the resilient mouthpiece by a user's teeth; and

a manual on/off valve having a closed configuration, in which the manual on/off valve obstructs the fluid conduit to restrict drink fluid from flowing between the inlet and the dispensing outlet, and an open configuration, in which the manual on/off valve permits drink fluid to flow through the fluid conduit from the inlet to the dispensing outlet; wherein the manual on/off valve includes a flexible tube that defines a portion of the fluid conduit;

wherein when the manual on/off valve is in the closed configuration, the tube is crimped to obstruct the flow of drink fluid through the fluid conduit; and

wherein when the manual on/off valve is in the open configuration, the tube is not crimped and does not obstruct the flow of drink fluid through the fluid conduit.

2. (Canceled)

3. (Currently Amended) The drink container of claim 1, [[2,]] wherein the cap assembly base further comprises a handle that extends from the cap assembly base, and further wherein the handle is secured to the cap assembly base in a position that obstructs removal of the pair of lateral projections from the pair of sockets.

4. (Original) The drink container of claim 1, wherein the cap assembly includes a pair of lateral guards that extend on opposed sides of the resilient mouthpiece when the resilient mouthpiece and the pivotal mount are in the stowed position, and further wherein the cap assembly includes a dust cover extending between the pair of lateral guards and positioned to protect the dispensing outlet of the resilient mouthpiece by extending across at least a portion of the dispensing outlet of the resilient mouthpiece when the resilient mouthpiece and the pivotal mount are in the stowed position.

5. (Original) The drink container of claim 4, wherein when the resilient mouthpiece is pivoted from the stowed position to the dispensing position, the resilient mouthpiece pivots away from the dust cover.

6. (Original) The drink container of claim 4, wherein the dust cover projects above an upper surface of the cap assembly base.

7. (Original) The drink container of claim 4, wherein the cap assembly further includes a handle that extends from the cap assembly base and includes the pair of lateral guards and the dust cover.

8. (Original) The drink container of claim 1, wherein the cap assembly further comprises a handle that extends in a fixed orientation from the cap assembly base and which defines at least a portion of a closed loop with an aperture through which a user's finger may be inserted to carry the drink container.

9. (Original) The drink container of claim 1, wherein the resilient mouthpiece is permanently secured to the pivotal mount.

10. (Original) The drink container of claim 1, wherein the resilient mouthpiece includes projections that extend generally transverse to the portion of the fluid conduit that extends through the resilient mouthpiece, and further wherein the projections engage an end region of the pivotal mount.

11. (Original) The drink container of claim 10, wherein the projections are internal projections.

12. (Original) The drink container of claim 1, wherein the resilient mouthpiece is configured to be selectively removed from and recoupled to the pivotal mount.

13. (Original) The drink container of claim 12, wherein the resilient mouthpiece includes a mouthpiece base with an end distal the dispensing outlet that has a contoured configuration that does not extend at a constant distance from the dispensing outlet, wherein the end of the resilient

mouthpiece base includes a projecting region and a concave region, wherein the projecting region of the end of the mouthpiece base extends a greater distance away from the dispensing outlet than the concave region of the end of the mouthpiece base, and further wherein the pivotal mount is configured to engage the projecting region and the concave region of the mouthpiece base to restrict rotation of the resilient mouthpiece relative to the pivotal mount.

14. (Original) The drink container of claim 1, wherein the resilient mouthpiece includes a dispensing face, and further wherein the dispensing outlet extends through the dispensing face of the resilient mouthpiece.

15. (Original) The drink container of claim 14, wherein the dispensing outlet is defined by a slit that extends through the dispensing face of the resilient mouthpiece.

16. (Original) The drink container of claim 1, wherein the resilient mouthpiece includes a dispensing face that defines the dispensing outlet, wherein the resilient mouthpiece includes opposed bite regions, wherein the dispensing face includes opposed lips between which the dispensing outlet is defined, and further wherein when a user applies compressive forces to the opposed bite regions, the lips are urged away from each other to enlarge the dispensing outlet.

17. (Original) The drink container of claim 16, wherein the opposed lips seal against each other when the opposed bite regions are not urged toward each other.

18. (Original) The drink container of claim 1, wherein the pivotal mount further includes a projecting flange that extends away from a portion of the fluid conduit that extends through the pivotal mount, wherein the projecting flange provides a lever arm that is configured to be engaged by a user's finger to pivot the pivotal mount from the stowed position to the dispensing position.

19. (Original) The drink container of claim 1, wherein the pivotal mount is adapted to selectively engage the flexible tube to apply crimping forces thereto and thereby configure the

manual on/off valve to the closed configuration as the pivotal mount is pivoted from the dispensing position to the stowed position.

20. (Original) The drink container of claim 1, wherein the flexible tube is secured to the pivotal mount.

REMARKS

Claims 1-20 were pending in this application prior to the Office Action dated August 2, 2019 (“Office Action”). Claim 1 is amended to incorporate the elements previously recited in dependent claim 2 and claim 3 is amended to depend from claim 1. Claim 2 is canceled. In view of the above amendments and the following remarks, Applicant respectfully requests reconsideration and allowance of this application.

I. Summary of Interviews with the Examiner

Applicant’s representative, Sonny Grewal, thanks Examiner Braden for discussing this application with him on November 12, 2019 and again on November 27, 2019.

During the first interview, Applicant’s representative and the Examiner discussed the non-statutory double patenting rejection and differences between the present application and the applied Dark reference. The Examiner agreed that the claims of U.S. Patent No. 10,023,065 (the ’365 Patent) do not disclose or teach all of limitations recited in at least the independent claims and agreed to withdraw the double patenting rejection.

During the second interview, Applicant’s representative and the Examiner discussed proposed claim amendments to the independent claims. The Examiner agreed that Dark did not disclose at least the feature “wherein the pivotal mount includes a pair of lateral projections” previously recited in dependent claim 2 and currently incorporated into independent claim 1.

Applicant’s representative again thanks Examiner Braden for discussing this application with him multiple times and helping to meaningfully advance prosecution.

II. Double Patenting Rejection

Claims 1-20 stand rejected on the ground of nonstatutory double patenting as being unpatentable over claims 1-23 of the ’365 Patent. As discussed with the Examiner during the first interview, the claims of the ’365 Patent do not disclose, suggest, or teach at least the following limitations recited in the independent claims:

- *wherein the manual on/off valve includes a flexible tube that defines a portion of the fluid conduit;*
- *wherein when the manual on/off valve is in the closed configuration, the tube is crimped to obstruct the flow of drink fluid through the fluid conduit; and*
- *wherein when the manual on/off valve is in the open configuration, the tube is not crimped and does not obstruct the flow of drink fluid through the fluid conduit.*

Accordingly, Applicant respectfully requests withdrawal of the nonstatutory double patenting rejection.

III. Rejections under 35 U.S.C. § 102(b)

Claims 1-3 and 19-20 stand rejected as being anticipated by U.S. Patent No. 6,116,458 to Dark (“Dark”). As agreed with the Examiner during the second interview, Dark does not disclose or suggest at least the recited limitation “*wherein the pivotal mount includes a pair of lateral projections*” previously recited in dependent claim 2 and currently recited in independent claim 1. Applicant additionally submits that Dark does not disclose or suggest at least the additional limitation “wherein the resilient mouthpiece is pivotal about an axis defined by the pair of lateral projections as the pair of lateral projections rotate within the pair of sockets.”

For at least the above-stated reasons, Applicant respectfully requests withdrawal of the rejections under 35 U.S.C. § 102(b).

III. Rejections under 35 U.S.C. § 103

Claims 4-18 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Dark in view of U.S. Design Patent US D547,607 to Forsman (“Forsman”).

As a preliminary matter, Applicant respectfully submits that Forsman is not prior art to the pending application. As stated in the priority claim, the “present application is a continuation of, and claims priority under 35 U.S.C. § 120 to, U.S. Patent Application No. 15/287,915, which was filed on October 7, 2016, issued on July 17, 2018 as U.S. Patent No.

10,023,365, and which claims priority to U.S. Patent Application Serial No. 14/329,096, which was filed on July 11, 2014, issued on October 11, 2016 as U.S. Patent No. 9,463,911, and which claims priority to U.S. Patent Application Serial No. 12/133,954, which was filed on June 5, 2008, issued on July 15, 2014 as U.S. Patent No. 8,777,048, and which claims priority to U.S. Patent Application Serial No. 11/588,476, which was filed on 10 October 26, 2006, issued on January 7, 2014 as U.S. Patent No. 8,622,237, and which claims priority to U.S. Patent Application Serial No. 11/313,488, which was filed on December 20, 2005, and issued on May 19, 2009 as U.S. Patent No. 7,533,783. U.S. Patent Application Serial No. 11/313,488 claims priority to U.S. Provisional Patent Application Serial Nos. 60/670,828 and 60/706,700, which were filed on April 11, 2005 and August 8, 2005, respectively.” *See* Application, ¶ 1. Forsman was filed August 9, 2005 and published on July 31, 2007.

Additionally, as discussed in the previous section, Dark does not disclose, suggest, or teach each and every limitation of at least independent claim 1, as presented herein.

Accordingly, Applicant respectfully requests withdrawal of the rejections under 35 U.S.C. § 103(a).

In view of the above remarks, 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).

Respectfully submitted,

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

Docket No. P23808US05
Application No. 16/035,418

Reg. No. 62,798

REED SMITH LLP
CUSTOMER NO.: 98804
1301 K Street N.W.
Suite 1000 – East Tower
Washington, D.C. 20005
(202) 414-9272

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875				Application or Docket Number 16/035,418		Filing Date 07/13/2018		☐ To be Mailed	
ENTITY: ☒ LARGE ☐ SMALL ☐ MICRO									
APPLICATION AS FILED - PART I									
FOR		(Column 1) NUMBER FILED	(Column 2) 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 \$460 =					
☐ 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									
AMENDMENT	12/02/2019	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 \$460 =		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		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.						LIE			
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".						/DEBORAH A POLLARD/			
*** 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.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
16/035,418	07/13/2018	Robert Choi	KRN 330E

CONFIRMATION NO. 4623

POA ACCEPTANCE LETTER

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



Date Mailed: 11/19/2019

NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 11/14/2019.

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.

/s/ibrahim/



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Alexandria, Virginia 22313-1450
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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
16/035,418	07/13/2018	Robert Choi	KRN 330E

CONFIRMATION NO. 4623

POWER OF ATTORNEY NOTICE

139868

DASCENZO Intellectual Property Law, P.C.
1000 SW Broadway, Suite 1555
Portland, OR 97205



OC000000112709566

Date Mailed: 11/19/2019

NOTICE REGARDING CHANGE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 11/14/2019.

- The Power of Attorney to you in this application has been revoked by the applicant. Future correspondence will be mailed to the new address of record(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.

/s/ibrahim/



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Alexandria, Virginia 22313-1450
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/035,418	07/13/2018	Robert Choi	KRN 330E	4623
139868	7590	11/15/2019		
DASCENZO Intellectual Property Law, P.C. 1000 SW Broadway, Suite 1555 Portland, OR 97205			EXAMINER BRADEN, SHAWN M	
			ART UNIT	PAPER NUMBER
			3736	
			MAIL DATE	DELIVERY MODE
			11/15/2019	PAPER

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.

<i>Applicant-Initiated Interview Summary</i>	Application No. 16/035,418		Applicant(s) Choi et al.	
	Examiner SHAWN M BRADEN	Art Unit 3736	AIA (FITF) Status No	

All participants (applicant, applicants representative, PTO personnel):

(1) SHAWN M. BRADEN. (3) ____.

(2) Amardeep (Sonny) Grewal. (4) ____.

Date of Interview: 12 November 2019.

Type: ☒ Telephonic ☐ Video Conference
 ☐ Personal [copy given to: ☐ applicant ☐ applicant's representative]

Exhibit shown or demonstration conducted: ☐ Yes ☐ No.
 If Yes, brief description: ____.

Issues Discussed ☐101 ☐112 ☒102 ☒103 ☒Others
 (For each of the checked box(es) above, please describe below the issue and detailed description of the discussion)

Claim(s) discussed: all pending.

Identification of prior art discussed: The Dark reference as applied.

Substance of Interview
 (For each issue discussed, provide a detailed description and indicate if agreement was reached. Some topics may include: identification or clarification of a reference or a portion thereof, claim interpretation, proposed amendments, arguments of any applied references etc...)

We discussed the double patenting rejection. Applicant pointed out the the parent patent 10,023,365 does NOT define a "crimp". Examiner agreed this claimed feature is not in the parent and this DP rejection should be removed. Applicant and Examiner noted that 4 other similar cases should be re reviewed for this feature and double checked for double patenting. We also discussed the differences between the Dark reference and the current application. No allowable claim language was agreed upon..

Applicant recordation instructions: The formal written reply to the last Office action must include the substance of the interview. (See MPEP section 713.04). If a reply to the last Office action has already been filed, applicant is given a non-extendable period of the longer of one month or thirty days from this interview date, or the mailing date of this interview summary form, whichever is later, to file a statement of the substance of the interview.

Examiner recordation instructions: Examiners must summarize the substance of any interview of record. A complete and proper recordation of the substance of an interview should include the items listed in MPEP 713.04 for complete and proper recordation including the identification of the general thrust of each argument or issue discussed, a general indication of any other pertinent matters discussed regarding patentability and the general results or outcome of the interview, to include an indication as to whether or not agreement was reached on the issues raised.

☐ Attachment

/SHAWN M BRADEN/ Primary Examiner, Art Unit 3736	
---	--

Summary of Record of Interview Requirements

Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record

A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

Title 37 Code of Federal Regulations (CFR) 1.133 Interviews

Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

37 CFR §1.2 Business to be transacted in writing.

All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiners responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicants correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:

- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:

- 1) A brief description of the nature of any exhibit shown or any demonstration conducted, -
- 2) an identification of the claims discussed,
- 3) an identification of the specific prior art discussed,
- 4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
- 5) a brief identification of the general thrust of the principal arguments presented to the examiner,
(The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
- 6) a general indication of any other pertinent matters discussed, and
- 7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicants record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiners version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, Interview Record OK on the paper recording the substance of the interview along with the date and the examiners initials.

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. McDowell, Suite 200
Palo Alto, California 94304

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 Assignee 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 (913) 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. 372 and 37 CFR 1.31 and 1.34. 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 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 7.

Electronic Acknowledgement Receipt	
EFS ID:	37753004
Application Number:	16035418
International Application Number:	
Confirmation Number:	4623
Title of Invention:	DRINK BOTTLES
First Named Inventor/Applicant Name:	Robert Choi
Customer Number:	139868
Filer:	Amardeep S. Grewal/Christa Shaffer
Filer Authorized By:	Amardeep S. Grewal
Attorney Docket Number:	KRN 330E
Receipt Date:	14-NOV-2019
Filing Date:	13-JUL-2018
Time Stamp:	14:55:08
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
------------------------	----

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Assignee showing of ownership per 37 CFR 3.73	23025-07_-_Statement_Under_37CFR373c.pdf	119077 46b0b9ca2b0f83166ef41160eb0e11370bb57cb3	no	3

Warnings:

Information:					
2	Power of Attorney	Power_of_Attorney.pdf	345989	no	1
			75c808fc83bf1951e8dcff8be972964ee9d705f3		
Warnings:					
Information:					
Total Files Size (in bytes):			465066		
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.					

STATEMENT UNDER 37 CFR 3.73(c)

Applicant/Patent Owner: CAMELBAK PRODUCTS, LLC
Application No./Patent No.: 16/035,418 Filed/Issue Date: July 13, 2018
Titled: DRINK BOTTLES
CAMELBAK PRODUCTS, LLC, a Corporation
(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 046348, Frame 0227, 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: _____

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☒ 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/

11/14/19

Signature

Date

Amardeep S. Grewal

Attorney of Record

Printed or Typed Name

Title or Registration Number

[Page 2 of 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. 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.

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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.
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/035,418	07/13/2018	Robert Choi	KRN 330E	4623
139868	7590	08/02/2019	EXAMINER	
DASCENZO Intellectual Property Law, P.C. 1000 SW Broadway, Suite 1555 Portland, OR 97205			BRADEN, SHAWN M	
			ART UNIT	PAPER NUMBER
			3736	
			MAIL DATE	DELIVERY MODE
			08/02/2019	PAPER

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 Pre-AIA or AIA Status

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

Double Patenting

2. 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 §§ 706.02(I)(1) - 706.02(I)(3) 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.

3. Claims 1-20, are rejected on the ground of nonstatutory double patenting as being unpatentable over claims 1-23 of U.S. Patent No. 10,023,365. Although the claims at issue are not identical, they are not patentably distinct from each other because a quick review shows that all of the current claim structure has been included in the parent claims.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of pre-AIA 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5. Claim(s) 1-3,19,20, is/are rejected under pre-AIA 35 U.S.C. 102b as being anticipated by Dark (USPN 6,116,458).
6. With respect to claim 1, Dark shows a fluid container (2) having a neck with an opening (shown under cap) and having an internal compartment sized to hold a volume of potable drink fluid; a cap assembly (fig. 1) removably coupled to the fluid container to cover the opening, wherein the cap assembly defines a fluid conduit for drink fluid to flow from the fluid container and through the cap assembly to a user, wherein the fluid conduit includes an inlet(bottom of 8) through which drink fluid from the fluid container may enter the fluid conduit, and a dispensing outlet (at 3a) through which drink fluid in the fluid conduit may be dispensed from the cap assembly to a user, and further wherein the cap assembly comprises: a cap assembly base (7c) removably coupled to the neck of the fluid container, wherein the cap assembly base is configured to be selectively and repeatedly decoupled from and re-coupled (threaded connection meets this limitation) to the neck of the fluid container; a pivotal mount (4b) coupled to the cap assembly base for pivotal movement relative to the cap assembly base; a resilient mouthpiece (3a) coupled to the pivotal mount for pivotal movement with the pivotal mount relative to the cap assembly base; wherein the resilient mouthpiece defines a portion of the fluid conduit, including the dispensing outlet; wherein the resilient mouthpiece and the pivotal mount are configured to be selectively pivoted between a stowed position (fig. 1) and a dispensing position (fig. 2), and further in the dispensing position, the dispensing outlet is positioned further away from the cap assembly base

than when the resilient mouthpiece and the pivotal mount are in the stowed position; wherein the resilient mouthpiece (3a) is adapted to resiliently compress responsive to compressive forces applied to the resilient mouthpiece by a user's teeth (a user can bite the plastic mouth piece and the natural tendencies of plastic make it resilient); and a manual on/off valve (closing the spout to crimp 12 make the valve closed) having a closed configuration (see fig. 6), in which the manual on/off valve obstructs the fluid conduit to restrict drink fluid from flowing between the inlet and the dispensing outlet, and an open configuration (see fig. 5), in which the manual on/off valve permits drink fluid to flow through the fluid conduit from the inlet to the dispensing outlet; wherein the manual on/off valve includes a flexible tube (8,3 make up the tube) that defines a portion of the fluid conduit; wherein when the manual on/off valve is in the closed configuration (fig. 6), the tube is crimped (12) to obstruct the flow of drink fluid through the fluid conduit; and wherein when the manual on/off valve is in the open configuration (fig. 5), the tube is not crimped and does not obstruct the flow of drink fluid through the fluid conduit.

With respect to claim 2, Dark shows wherein the pivotal mount includes a pair of lateral projections (15), wherein the cap assembly base defines a pair of sockets (16) into which the pair of lateral projections extend, and wherein the resilient mouthpiece is pivotal about an axis defined by the pair of lateral projections as the pair of lateral projections rotate within the pair of

sockets (this rotation is accomplished when the cap un-screws to remove the cap)

With respect to claim 3, Dark shows wherein the cap assembly base further comprises a handle (7b) that extends from the cap assembly base, and further wherein the handle (7b) is secured to the cap assembly base in a position that obstructs removal of the pair of lateral projections from the pair of sockets (7b surrounds the pair of lateral projections 15).

With respect to claim 19, Dark shows wherein the pivotal mount (4b) is adapted to selectively engage the flexible tube to apply crimping (12) forces thereto and thereby configure the manual on/off valve to the closed configuration as the pivotal mount is pivoted from the dispensing position to the stowed position (fig. 6).

With respect to claim 20, Dark the flexible tube is secured (they are directly connected) to the pivotal mount (4b).

Claim Rejections - 35 USC § 103

7. The following is a quotation of pre-AIA 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 4-18, are rejected under 35 U.S.C. 103(a) as being unpatentable over Dark in view of Forsman (US D547,607).

Dark discloses the invention substantially as claimed.

However Dark does not disclose claim 4, the cap assembly includes a pair of lateral guards that extend on opposed sides of the resilient mouthpiece when the resilient mouthpiece and the pivotal mount are in the stowed position, and further wherein the cap assembly includes a dust cover extending between the pair of lateral guards and positioned to protect the dispensing outlet of the resilient mouthpiece by extending across at least a portion of the dispensing outlet of the resilient mouthpiece when the resilient mouthpiece and the pivotal mount are in the stowed position, claim 5, wherein when the resilient mouthpiece is pivoted from the stowed position to the dispensing position, the resilient mouthpiece pivots away from the dust cover, claim 4, wherein the dust cover projects above an upper surface of the cap assembly base, claim 7, wherein the cap assembly further includes a handle that extends from the cap assembly base and includes the pair of lateral guards and the dust cover, claim 8, wherein the cap assembly further comprises a handle that extends in a fixed orientation from the cap assembly base and which defines at least a portion of a closed loop with an aperture through which a user's finger may be inserted to carry the drink container, claim 12, shows the resilient mouthpiece is configured to be selectively removed from and recoupled to the pivotal mount, claim 13, wherein the resilient mouthpiece includes a mouthpiece base with an end distal the dispensing outlet that has a contoured configuration that does not extend at a constant distance from the dispensing outlet, wherein the end of the resilient mouthpiece base includes a projecting region and a concave region, wherein the projecting region of the end of the mouthpiece base

extends a greater distance away from the dispensing outlet than the concave region of the end of the mouthpiece base, and further wherein the pivotal mount is configured to engage the projecting region and the concave region of the mouthpiece base to restrict rotation of the resilient mouthpiece relative to the pivotal mount, claim 14, wherein the resilient mouthpiece includes a dispensing face, and further wherein the dispensing outlet extends through the dispensing face of the resilient mouthpiece, claim 15, wherein the dispensing outlet is defined by a slit that extends through the dispensing face of the resilient mouthpiece, claim 16, wherein the resilient mouthpiece includes a dispensing face that defines the dispensing outlet, wherein the resilient mouthpiece includes opposed bite regions, wherein the dispensing face includes opposed lips between which the dispensing outlet is defined, and further wherein when a user applies compressive forces to the opposed bite regions, the lips are urged away from each other to enlarge the dispensing outlet, claim 17, wherein the opposed lips seal against each other when the opposed bite regions are not urged toward each other, claim 18, wherein the pivotal mount further includes a projecting flange that extends away from a portion of the fluid conduit that extends through the pivotal mount, wherein the projecting flange provides a lever arm that is configured to be engaged by a user's finger to pivot the pivotal mount from the stowed position to the dispensing position.

Forsman in (figs. 1-10) shows the same dust guard, handle, resilient mouth piece including the slit, and the projecting flange as current application, in the same field of endeavor for the purpose of keeping dust out of the mouth piece and the handle is to carry the container, the components are separable in order to take apart and clean, the flange is to help grasping and extending the spout, the resilient mouth piece is an additional valve that can be operated by the users mouth that allows for hands free operation.

It would have been obvious to one having ordinary skill in the art before the effective filing date of the claimed invention to add a dust guard and handle, the more complex resilient mouth piece with the flang as taught by Forsman to the container of Dark in order to have a convenient loop to grasp as a handle and the dust guard keep the outlet free of dust and dirt, making the components separable for easier cleaning and easier for a user to open the valve and hands free operation of the claimed resilient mouth piece.

Conclusion

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to SHAWN M BRADEN whose telephone number is (571)272-8026. The examiner can normally be reached on M-F 8am-5pm.

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, Greg Pickett can be reached on 571 272-4560. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should

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/SHAWN M BRADEN/
Primary Examiner, Art Unit 3736

<i>Notice of References Cited</i>	Application/Control No. 16/035,418		Applicant(s)/Patent Under Reexamination Choi et al.	
	Examiner SHAWN M BRADEN		Art Unit 3736	Page 1 of 1

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*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	CPC Classification	US Classification
*	A	US-D547607-S	07-2007	Forsman; Barley A.		D7/396.2
	B					
	C					
	D					
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	F					
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	I					
	J					
	K					
	L					
	M					

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

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	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. 16/035,418	Applicant(s)/Patent Under Reexamination Choi et al.
	Examiner SHAWN M BRADEN	Art Unit 3736

CPC - Searched*		
Symbol	Date	Examiner
A47G19/2266, A47G19/2272 , B65D47/066	07/31/2019	smb

CPC Combination Sets - Searched*		
Symbol	Date	Examiner

US Classification - Searched*			
Class	Subclass	Date	Examiner
215	11.4,11.5	07/31/2019	smb
220	254.3,704,705,707,714		

* 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
text search and inventor search	07/31/2019	smb

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

/SHAWN M BRADEN/ Primary Examiner, Art Unit 3736	
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FORM PTO-1449		DOCKET NUMBER KRN 330E		APPLICATION NUMBER 16/035,418		
INFORMATION DISCLOSURE CITATION IN AN APPLICATION						
		APPLICANT: CAMELBAK PRODUCTS, LLC INVENTORS: ROBERT CHOI, BARLEY A. FORSMAN, and JEREMY GALTEN				
		FILING DATE July 13, 2018		GROUP ART UNIT 3736		
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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.M.B/

Bibliographic Data

Application No: 16/035,418

Foreign Priority claimed: ☐ Yes ☒ No

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

Verified and Acknowledged: /SHAWN M BRADEN/

Examiner's Signature

Initials

Title:

DRINK BOTTLES

FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
07/13/2018	215	3736	KRN 330E
RULE			

APPLICANTS

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INVENTORS

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Barley A. Forsman Cotati, CA, UNITED STATES

Jeremy Galten Petaluma, CA, UNITED STATES

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	2,936,934	5/17/1960	Kubiliunas			
	3,179,301	4/20/1965	Lucht			
	3,181,743	5/4/1965	Libit et al.			
	3,283,967	11/8/1966	Akers			
	3,294,293	12/27/1966	Johns			
	3,392,887	7/16/1968	Bross			
	3,739,938	6/19/1973	Paz			
	3,972,443	8/3/1976	Albert			
	4,090,650	5/23/1978	Gotta			
	4,212,408	7/15/1980	Valenzona			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
OTHER DOCUMENTS						
EXAMINER			DATE CONSIDERED			
/SHAWN M BRADEN/			07/31/2019			

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.M.B/

FORM PTO-1449			DOCKET NUMBER		APPLICATION NUMBER	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION			KRN 330E		Not yet assigned.	
			APPLICANT: CAMELBAK PRODUCTS, LLC INVENTORS: ROBERT CHOI, BARLEY A. FORSMAN, and JEREMY GALTEN			
			FILING DATE July 13, 2018		GROUP ART UNIT	
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	4,485,963	12/4/1984	Panicci			
	4,607,755	8/26/1986	Andreozzi			
	4,836,404	6/6/1989	Coy			
	4,852,762	8/1/1989	Coy			
	4,860,934	8/29/1989	Komischke			
	4,925,042	5/15/1990	Chong			
	5,060,833	10/29/1991	Edison et al.			
	5,065,909	11/19/1991	Pino et al.			
	5,085,336	2/4/1992	Lynd			
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	5,101,991	4/7/1992	Morifuji et al.			
	5,203,468	4/20/1993	Hsu			
	5,242,079	9/7/1993	Stephens et al.			
	5,273,172	12/28/1993	Roszbach et al.			
	5,301,858	4/12/1994	Hollander			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
OTHER DOCUMENTS						
EXAMINER /SHAWN M BRADEN/			DATE CONSIDERED 07/31/2019			

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FORM PTO-1449			DOCKET NUMBER		APPLICATION NUMBER	
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			FILING DATE July 13, 2018		GROUP ART UNIT	
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	5,307,950	5/3/1994	Li			
	5,332,131	7/26/1994	Pehr			
	5,392,968	2/28/1995	Dark			
	5,433,353	7/18/1995	Flinn			
	5,433,535	7/18/1995	Hah			
	5,465,866	11/14/1995	Belcastro			
	5,518,142	5/21/1996	Lin			
	5,520,304	5/28/1996	Lin			
	5,553,726	9/10/1996	Park			
	5,582,315	12/10/1996	Reid			
	5,601,207	2/11/1997	Paczonay			
	5,607,087	3/4/1997	Wery et al.			
	5,699,933	12/23/1997	Ho et al.			
	5,730,336	3/24/1998	Lerner			
	5,755,368	5/26/1998	Bekkedahl			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
OTHER DOCUMENTS						
EXAMINER			DATE CONSIDERED			
/SHAWN M BRADEN/			07/31/2019			

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.M.B/

FORM PTO-1449			DOCKET NUMBER		APPLICATION NUMBER	
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			FILING DATE July 13, 2018		GROUP ART UNIT	
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	5,791,510	8/11/1998	Paczonay			
	5,806,726	9/15/1998	Ho			
	5,873,478	2/23/1999	Sullivan et al.			
	5,884,793	3/23/1999	Wang			
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	6,021,801	2/8/2000	Sheppard			
	6,032,831	3/7/2000	Gardner et al.			
	6,050,433	4/18/2000	Russell et al.			
	6,050,445	4/18/2000	Manganiello			
	6,059,154	5/9/2000	Bigotte et al.			
	6,070,767	6/6/2000	Gardner et al.			
	6,095,382	8/1/2000	Gross			
	6,116,458	9/12/2000	Dark			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
	OTHER DOCUMENTS					
EXAMINER /SHAWN M BRADEN/			DATE CONSIDERED 07/31/2019			

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.M.B/

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			FILING DATE July 13, 2018		GROUP ART UNIT	
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	6,196,413	3/6/2001	Tung			
	6,199,729	3/13/2001	Drzymkowski			
	6,212,959	4/10/2001	Perkins			
	6,264,166	7/24/2001	Bowland et al.			
	6,276,560	8/21/2001	Belcastro			
	6,279,772	8/28/2001	Bowman			
	6,279,773	8/28/2001	Kiyota			
	6,283,344	9/4/2001	Bradley			
	6,290,108	9/18/2001	Gross			
	6,364,168	4/2/2002	Gardner et al.			
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	6,446,844	9/10/2002	Gross			
	6,497,348	12/24/2002	Forsman			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
	OTHER DOCUMENTS					
EXAMINER /SHAWN M BRADEN/			DATE CONSIDERED 07/31/2019			

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			FILING DATE July 13, 2018		GROUP ART UNIT	
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	6,513,686	2/4/2003	Ben-Sasson			
	6,523,711	2/25/2003	Hughes et al.			
	6,557,721	5/6/2003	Yang			
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	6,609,624	8/26/2003	Goto et al.			
	6,675,998	1/13/2004	Forsman et al.			
	6,698,716	3/2/2004	Yang			
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	D489,978	5/18/2004	Brown			
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	6,783,115	8/31/2004	Yang			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
	OTHER DOCUMENTS					
EXAMINER /SHAWN M BRADEN/			DATE CONSIDERED 07/31/2019			

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.M.B/

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			FILING DATE July 13, 2018		GROUP ART UNIT	
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	6,854,888	2/15/2005	Brown et al.			
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FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
	OTHER DOCUMENTS					
EXAMINER /SHAWN M BRADEN/			DATE CONSIDERED 07/31/2019			

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.M.B/



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United States Patent and Trademark Office
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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
16/035,418	07/13/2018	Robert Choi	KRN 330E

CONFIRMATION NO. 4623

139868
DASCENZO Intellectual Property Law, P.C.
1000 SW Broadway, Suite 1555
Portland, OR 97205

PUBLICATION NOTICE



OC000000103832348

Title:DRINK BOTTLES

Publication No.US-2018-0327151-A1

Publication Date:11/15/2018

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.

Further assistance in electronically accessing the publication, or about PAIR, is available by calling the Patent Electronic Business Center at 1-866-217-9197.

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

FORM PTO-1449		DOCKET NUMBER		APPLICATION NUMBER		
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		KRN 330E		16/035,418		
		APPLICANT: CAMELBAK PRODUCTS, LLC INVENTORS: ROBERT CHOI, BARLEY A. FORSMAN, and JEREMY GALTEN				
		FILING DATE July 13, 2018		GROUP ART UNIT 3736		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	2002/0040909	4/11/2002	Goto et al.			
	5,125,543	6/30/1992	Rohrabacher et al.			
	6,837,400	1/4/2005	Leoncavallo et al.			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
	OTHER DOCUMENTS					
EXAMINER			DATE CONSIDERED			

Electronic Acknowledgement Receipt	
EFS ID:	33953317
Application Number:	16035418
International Application Number:	
Confirmation Number:	4623
Title of Invention:	DRINK BOTTLES
First Named Inventor/Applicant Name:	Robert Choi
Customer Number:	139868
Filer:	David S. D'Ascenzo/Robin Davin
Filer Authorized By:	David S. D'Ascenzo
Attorney Docket Number:	KRN 330E
Receipt Date:	09-OCT-2018
Filing Date:	13-JUL-2018
Time Stamp:	13:10:47
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		Supplemental_Information_Dis closure_Statement_KRN330E_1 0-9-18.pdf	147375	yes	3
			56784346c552c7cb21e94dc4849cc2c4967 c6fef		

	Multipart Description/PDF files in .zip description		
	Document Description	Start	End
	Transmittal Letter	1	2
	Information Disclosure Statement (IDS) Form (SB08)	3	3
Warnings:			
Information:			
Total Files Size (in bytes):		147375	
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.			

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Date: October 9, 2018

Atty. Docket No.: KRN 330E

In re Application of:
CAMELBAK PRODUCTS, LLC

Inventors : Robert CHOI, Barley A. FORSMAN, and Jeremy GALTEN

Serial No. : 16/035,418 Group Art Unit: 3736

Filed : July 13, 2018 Examiner: Shawn M. Braden

For : DRINK BOTTLES

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

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.56, 1.97, and 1.98

Applicant is submitting this Information Disclosure Statement pursuant to 37 C.F.R. §§ 1.56, 1.97, and 1.98 to disclose to the U.S. Patent and Trademark Office the patents, publications, applications, and/or other references listed on the enclosed, completed PTO-1449 forms. The filing of this Information Disclosure Statement should not be construed as a representation that a search has been made or as an admission that the listed references are prior art for this application. Applicant respectfully requests that the listed references be expressly considered during prosecution of the application, and that the references be made of record therein and appear among the “references cited” on any patents issuing therefrom.

CONTENT OF DISCLOSURE

This Information Disclosure Statement includes (1) one page of PTO-1449 forms, and (2) a legible copy of each foreign and non-patent reference, if any, listed on the form(s). However,

because this application was filed on or after July 1, 2003, no copies of U.S. patents or published U.S. patent applications are included.

TIMING OF DISCLOSURE/FEE INFORMATION

This Information Disclosure Statement is being filed (1) within three months of the filing date of a national application other than a continued prosecution application under 37 C.F.R. § 1.53(d), or (2) before the mailing of a first Office action on the merits. Therefore, in accordance with 37 C.F.R. § 1.97(b), no fee or statement under 37 C.F.R. § 1.97(e) is required.

Please contact the undersigned with any questions or comments regarding this Information Disclosure Statement.

CERTIFICATE OF E-FILING

I hereby certify that this correspondence and the accompanying PTO-1449 forms are being transmitted electronically via the United States Patent and Trademark Office's EFS-Web System on October 9, 2018.



David S. D'Ascenzo

Respectfully submitted,

DASCENZO INTELLECTUAL
PROPERTY LAW, P.C.



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Facsimile: (503) 224-7329



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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
16/035,418	07/13/2018	3781	1720	KRN 330E	20	1

CONFIRMATION NO. 4623

FILING RECEIPT



0000000101430290

139868

DASCENZO Intellectual Property Law, P.C.
1000 SW Broadway, Suite 1555
Portland, OR 97205

Date Mailed: 08/06/2018

Receipt is acknowledged of this non-provisional 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 APPLICANT, 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 Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections 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**

Inventor(s)

Robert Choi, Ogden, UT;
Barley A. Forsman, Cotati, CA;
Jeremy Galten, Petaluma, CA;

Applicant(s)

CamelBak Products, LLC, Petaluma, CA;

Power of Attorney: The patent practitioners associated with Customer Number 139868

Domestic Priority data as claimed by applicant

This application is a CON of 15/287,915 10/07/2016 PAT 10023365
which is a CON of 14/329,096 07/11/2014 PAT 9463911
which is a CON of 12/133,954 06/05/2008 PAT 8777048
which is a CON of 11/588,476 10/26/2006 PAT 8622237
which is a CON of 11/313,488 12/20/2005 PAT 7533783
which claims benefit of 60/706,700 08/08/2005
and claims benefit of 60/670,828 04/11/2005

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: 08/02/2018

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 16/035,418**

Projected Publication Date: 11/15/2018

Non-Publication Request: No

Early Publication Request: No
Title

DRINK BOTTLES

Preliminary Class

220

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.

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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>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific

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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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875						Application or Docket Number 16/035,418				
APPLICATION AS FILED - PART I										
(Column 1)		(Column 2)		SMALL ENTITY		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	300			
SEARCH FEE (37 CFR 1.16(k), (j), or (m))	N/A	N/A	N/A			N/A	660			
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A	760			
TOTAL CLAIMS (37 CFR 1.16(i))	20	minus 20 = *				x 100 =	0.00			
INDEPENDENT CLAIMS (37 CFR 1.16(h))	1	minus 3 = *				x 460 =	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	1720			
APPLICATION AS AMENDED - PART II										
(Column 1)		(Column 2)		(Column 3)		SMALL ENTITY		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.										

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:

139868

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 assignments 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:

139868

OR

☐	Firm or Individual Name			
	Address			
	City		State	Zip
	Country			
	Telephone		Email	

Assignee Name and Address: CamelBak Products, LLC
2000 S. McDowell, 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 Assignee of Record

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

Signature		Date	6-15-2017
Name	Daniel J. Kelly	Telephone	(913) 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 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.

STATEMENT UNDER 37 CFR 3.73(c)

Applicant/Patent Owner: CamelBak Products, LLC
Application No./Patent No.: 16/035,418 Filed/Issue Date: July 13, 2018
Titled: DRINK BOTTLES
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 _____, Frame _____, 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.

/David S. D'Ascenzo/

July 13, 2018

Signature

Date

David S. D'Ascenzo

39,952

Printed or Typed Name

Title or Registration Number

[Page 2 of 2]

ASSIGNMENT

WHEREAS, WE, ROBERT CHOI, of Santa Rosa, County of Sonoma, State of California, BARLEY A. FORSMAN, of San Rafael, County of Marin, State of California, and JEREMY GALTEN, of Petaluma, County of Sonoma, State of California, have invented certain improvements in DRINK BOTTLES WITH BITE-ACTUATED MOUTHPIECES, for which we have executed an application for Letters Patent of the United States on the date we executed this Assignment as hereinafter set forth; and

WHEREAS, CAMELBAK PRODUCTS, LLC, a Delaware limited liability company, having its principal place of business in Petaluma, County of Sonoma, State of California, is desirous of acquiring an interest therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which hereby are acknowledged, we, ROBERT CHOI, BARLEY A. FORSMAN, and JEREMY GALTEN, have sold, assigned and transferred, and by these presents do sell, assign and transfer unto CAMELBAK PRODUCTS, LLC the full and exclusive right to the said invention in the United States and its territorial possessions and in any and all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all related applications, divisionals, reissues, continuations and extensions thereof.

We hereby authorize and request the Patent Office officials in the United States and any and all foreign countries to issue any and all of said Letters Patent, when granted, to

CAMELBAK PRODUCTS, LLC, as the assignee of our entire right, title and interest in and to the same, for the sole use of CAMELBAK PRODUCTS, LLC, its successors and assigns.

Further, we agree that we will communicate to the said CAMELBAK PRODUCTS, LLC or its representatives any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all related, divisional, continuation, substitution, renewal, reissue, PCT, and foreign applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to CAMELBAK PRODUCTS, LLC, make all rightful oaths and generally do everything possible to aid CAMELBAK PRODUCTS, LLC, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 16th
day of DECEMBER, 2005.

Robert Choi
ROBERT CHOI

Witness:

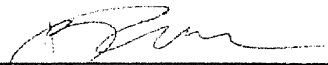
JEREMY GALTEN
(Printed Name)

[Signature]
(Signature)

1623 SHENANDOAH CT
(Address)

Petaluma, CA 94954
(City, State)

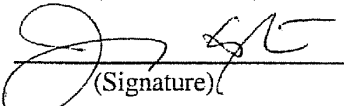
IN TESTIMONY WHEREOF, I have hereunto set my hand this 16TH
day of Dec., 2005.



BARLEY A. FORSMAN

Witness:

JEREMY GALTEN
(Printed Name)



(Signature)

1623 SHENANDOAH CT
(Address)

Petaluma, CA 94954
(City, State)

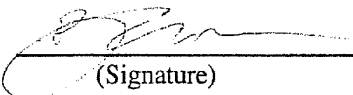
IN TESTIMONY WHEREOF, I have hereunto set my hand this 16TH
day of DECEMBER, 2005.



JEREMY GALTEN

Witness:

BARLEY FORSMAN
(Printed Name)



(Signature)

1407 LAS GARCIAS AVE
(Address)

SAN RAFAEL CA 94903
(City, State)

Electronic Acknowledgement Receipt	
EFS ID:	33178545
Application Number:	16035418
International Application Number:	
Confirmation Number:	4623
Title of Invention:	DRINK BOTTLES
First Named Inventor/Applicant Name:	Robert Choi
Customer Number:	139868
Filer:	David S. D'Ascenzo/Robin Davin
Filer Authorized By:	David S. D'Ascenzo
Attorney Docket Number:	KRN 330E
Receipt Date:	13-JUL-2018
Filing Date:	
Time Stamp:	18:58:52
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
------------------------	----

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Power of Attorney	General_Power_of_Attorney_KRN330E_7-13-18.pdf	268518	no	1
			8df40d8dab3d0f2ed5f22147c189e3206622c79b		

Warnings:

Information:					
2	Assignee showing of ownership per 37 CFR 3.73	Statement_Under_37_CFR_3_7_3c_with_Assignment_KRN330E_7-13-18.pdf	262134	no	5
			1d2c0f7bfd554095228e45ba4ee417b4bccd8acc		
Warnings:					
Information:					
Total Files Size (in bytes):			530652		
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.					

FORM PTO-1449			DOCKET NUMBER		APPLICATION NUMBER	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION			KRN 330E		Not yet assigned.	
			APPLICANT: CAMELBAK PRODUCTS, LLC INVENTORS: ROBERT CHOI, BARLEY A. FORSMAN, and JEREMY GALTEN			
			FILING DATE July 13, 2018		GROUP ART UNIT	
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	2002/0033399	3/21/2002	Manganiello et al.			
	2002/0092858	7/18/2002	Bowman			
	2002/0092877	7/18/2002	Bowman			
	2002/0148806	10/17/2002	Cheng			
	2002/0166990	11/14/2002	Yang			
	2002/0185495	12/12/2002	Manganiello			
	2003/0085232	5/8/2003	Leinenweber			
	2003/0102318	6/5/2003	Lee			
	2003/0116573	6/26/2003	Clark et al.			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
	CN 85106703 A	5/10/1986	CN			X
	EP 0266067 A1	5/4/1988	EP			X
	GB 2279130 A	12/21/1994	GB			X
	WO 97/05055	2/13/1997	WO			X
	WO 98/46106	10/22/1998	WO			X
	CN 1198083 A	11/4/1998	CN			X
OTHER DOCUMENTS						
		English-language abstract of Chinese Patent No. CN 85106703 A, European Patent Office, May 10, 1986.				
		English-language abstract of Chinese Patent No. CN 1198083 A, European Patent Office, November 4, 1998.				
EXAMINER			DATE CONSIDERED			

FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION			DOCKET NUMBER KRN 330E		APPLICATION NUMBER Not yet assigned.		
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			FILING DATE July 13, 2018		GROUP ART UNIT		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.	
	2003/0168462	9/11/2003	Kiyota				
	2003/0173536	9/18/2003	Christensen et al.				
	2003/0218015	11/27/2003	Randolph et al.				
	2003/0222238	12/4/2003	Getzewich et al.				
	2004/0000551	1/1/2004	Flink et al.				
	2004/0069783	4/15/2004	Chen				
	2004/0079775	4/29/2004	Choi et al.				
	2004/0089301	5/13/2004	Choi et al.				
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO	
	WO 00/03946	1/27/2000	WO			X	
	WO 00/49922	8/31/2000	WO			X	
	EP 1095599	5/2/2001	EP			X	
	JP 2002-326655 A	11/12/2002	JP				X
	CN 1394186 A	1/29/2003	CN				X
	WO 03/031315	4/17/2003	WIPO			X	
OTHER DOCUMENTS							
	English-language abstract of Japanese Patent No. 2002-326655 A, European Patent Office, November 12, 2002.						
	English-language abstract of Chinese Patent No. CN 1394186 A, European Patent Office, January 29, 2003.						
EXAMINER				DATE CONSIDERED			

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U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	2004/0159820	8/19/2004	Yang			
	2004/0164043	8/26/2004	Hakim			
	2004/0217139	11/4/2004	Roth			
	2004/0217187	11/4/2004	Renz et al.			
	2004/0222230	11/11/2004	Samson et al.			
	2005/0029271	2/10/2005	McDonough			
	2005/0029313	2/10/2005	Robins et al.			
	2005/0045647	3/3/2005	Hession et al.			
	2005/0056610	3/17/2005	Randolph et al.			
	2005/0056652	3/17/2005	Cezeaux			
	2005/0072788	4/7/2005	Lieberman et al.			
	2005/0072804	4/7/2005	Brown			
	2005/0115966	6/2/2005	Leoncavallo et al.			
	2005/0133505	6/23/2005	Yoneoka et al.			
	2005/0133519	6/23/2005	McDonough			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
OTHER DOCUMENTS						
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	2005/0184075	8/25/2005	Belcastro			
	2005/0205587	9/22/2005	Samson et al.			
	2005/0218242	10/6/2005	Renz et al.			
	1,788,795	1/13/1931	Hoban			
	2,844,267	7/22/1958	Petriccione			
	2,936,934	5/17/1960	Kubiliunas			
	3,179,301	4/20/1965	Lucht			
	3,181,743	5/4/1965	Libit et al.			
	3,283,967	11/8/1966	Akers			
	3,294,293	12/27/1966	Johns			
	3,392,887	7/16/1968	Bross			
	3,739,938	6/19/1973	Paz			
	3,972,443	8/3/1976	Albert			
	4,090,650	5/23/1978	Gotta			
	4,212,408	7/15/1980	Valenzona			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
OTHER DOCUMENTS						
EXAMINER			DATE CONSIDERED			

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U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	4,485,963	12/4/1984	Panicci			
	4,607,755	8/26/1986	Andreozzi			
	4,836,404	6/6/1989	Coy			
	4,852,762	8/1/1989	Coy			
	4,860,934	8/29/1989	Komischke			
	4,925,042	5/15/1990	Chong			
	5,060,833	10/29/1991	Edison et al.			
	5,065,909	11/19/1991	Pino et al.			
	5,085,336	2/4/1992	Lynd			
	5,085,349	2/4/1992	Fawcett			
	5,101,991	4/7/1992	Morifuji et al.			
	5,203,468	4/20/1993	Hsu			
	5,242,079	9/7/1993	Stephens et al.			
	5,273,172	12/28/1993	Rossbach et al.			
	5,301,858	4/12/1994	Hollander			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
OTHER DOCUMENTS						
EXAMINER			DATE CONSIDERED			

FORM PTO-1449			DOCKET NUMBER		APPLICATION NUMBER	
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			FILING DATE July 13, 2018		GROUP ART UNIT	
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	5,307,950	5/3/1994	Li			
	5,332,131	7/26/1994	Pehr			
	5,392,968	2/28/1995	Dark			
	5,433,353	7/18/1995	Flinn			
	5,433,535	7/18/1995	Hah			
	5,465,866	11/14/1995	Belcastro			
	5,518,142	5/21/1996	Lin			
	5,520,304	5/28/1996	Lin			
	5,553,726	9/10/1996	Park			
	5,582,315	12/10/1996	Reid			
	5,601,207	2/11/1997	Paczonay			
	5,607,087	3/4/1997	Wery et al.			
	5,699,933	12/23/1997	Ho et al.			
	5,730,336	3/24/1998	Lerner			
	5,755,368	5/26/1998	Bekkedahl			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
OTHER DOCUMENTS						
EXAMINER			DATE CONSIDERED			

FORM PTO-1449		DOCKET NUMBER		APPLICATION NUMBER		
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		KRN 330E		Not yet assigned.		
		APPLICANT: CAMELBAK PRODUCTS, LLC INVENTORS: ROBERT CHOI, BARLEY A. FORSMAN, and JEREMY GALTEN				
		FILING DATE July 13, 2018		GROUP ART UNIT		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	5,791,510	8/11/1998	Paczonay			
	5,806,726	9/15/1998	Ho			
	5,873,478	2/23/1999	Sullivan et al.			
	5,884,793	3/23/1999	Wang			
	5,897,013	4/27/1999	Manganiello			
	5,911,406	6/15/1999	Winefordner et al.			
	6,021,801	2/8/2000	Sheppard			
	6,032,831	3/7/2000	Gardner et al.			
	6,050,433	4/18/2000	Russell et al.			
	6,050,445	4/18/2000	Manganiello			
	6,059,154	5/9/2000	Bigotte et al.			
	6,070,767	6/6/2000	Gardner et al.			
	6,095,382	8/1/2000	Gross			
	6,116,458	9/12/2000	Dark			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
	OTHER DOCUMENTS					
EXAMINER			DATE CONSIDERED			

FORM PTO-1449			DOCKET NUMBER		APPLICATION NUMBER	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION			KRN 330E		Not yet assigned.	
			APPLICANT: CAMELBAK PRODUCTS, LLC INVENTORS: ROBERT CHOI, BARLEY A. FORSMAN, and JEREMY GALTEN			
			FILING DATE July 13, 2018		GROUP ART UNIT	
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	6,196,413	3/6/2001	Tung			
	6,199,729	3/13/2001	Drzymkowski			
	6,212,959	4/10/2001	Perkins			
	6,264,166	7/24/2001	Bowland et al.			
	6,276,560	8/21/2001	Belcastro			
	6,279,772	8/28/2001	Bowman			
	6,279,773	8/28/2001	Kiyota			
	6,283,344	9/4/2001	Bradley			
	6,290,108	9/18/2001	Gross			
	6,364,168	4/2/2002	Gardner et al.			
	6,390,341	5/21/2002	Ohmi et al.			
	6,422,415	7/23/2002	Manganiello			
	6,446,844	9/10/2002	Gross			
	6,497,348	12/24/2002	Forsman			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
	OTHER DOCUMENTS					
EXAMINER			DATE CONSIDERED			

FORM PTO-1449			DOCKET NUMBER		APPLICATION NUMBER	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION			KRN 330E		Not yet assigned.	
			APPLICANT: CAMELBAK PRODUCTS, LLC INVENTORS: ROBERT CHOI, BARLEY A. FORSMAN, and JEREMY GALTEN			
			FILING DATE July 13, 2018		GROUP ART UNIT	
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	6,513,686	2/4/2003	Ben-Sasson			
	6,523,711	2/25/2003	Hughes et al.			
	6,557,721	5/6/2003	Yang			
	6,607,092	8/19/2003	Manganiello et al.			
	6,609,624	8/26/2003	Goto et al.			
	6,675,998	1/13/2004	Forsman et al.			
	6,698,716	3/2/2004	Yang			
	6,708,950	3/23/2004	Christensen et al.			
	6,719,273	4/13/2004	Yang			
	D489,978	5/18/2004	Brown			
	6,742,681	6/1/2004	Yang			
	6,745,915	6/8/2004	Rees			
	6,764,064	7/20/2004	Sturm et al.			
	6,783,115	8/31/2004	Yang			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
	OTHER DOCUMENTS					
EXAMINER			DATE CONSIDERED			

FORM PTO-1449			DOCKET NUMBER		APPLICATION NUMBER	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION			KRN 330E		Not yet assigned.	
			APPLICANT: CAMELBAK PRODUCTS, LLC INVENTORS: ROBERT CHOI, BARLEY A. FORSMAN, and JEREMY GALTEN			
			FILING DATE July 13, 2018		GROUP ART UNIT	
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	6,854,888	2/15/2005	Brown et al.			
	6,908,015	6/21/2005	Choi et al.			
	6,915,961	7/12/2005	Renz et al.			
	6,994,225	2/7/2006	Hakim			
	7,014,077	3/21/2006	Brown			
	7,032,764	4/25/2006	Viggiano			
	7,048,137	5/23/2006	Leoncavallo et al.			
	7,059,490	6/13/2006	Son			
	7,073,688	7/11/2006	Choi et al.			
	8,701,928	4/22/2014	Samson			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
	OTHER DOCUMENTS					
EXAMINER			DATE CONSIDERED			

Electronic Patent Application Fee Transmittal				
Application Number:				
Filing Date:				
Title of Invention:		DRINK BOTTLES		
First Named Inventor/Applicant Name:		Robert Choi		
Filer:		David S. D'Ascenzo/Robin Davin		
Attorney Docket Number:		KRN 330E		
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	300	300
UTILITY SEARCH FEE	1111	1	660	660
UTILITY EXAMINATION FEE	1311	1	760	760
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 (\$)				1720

Electronic Acknowledgement Receipt	
EFS ID:	33178469
Application Number:	16035418
International Application Number:	
Confirmation Number:	4623
Title of Invention:	DRINK BOTTLES
First Named Inventor/Applicant Name:	Robert Choi
Customer Number:	139868
Filer:	David S. D'Ascenzo/Robin Davin
Filer Authorized By:	David S. D'Ascenzo
Attorney Docket Number:	KRN 330E
Receipt Date:	13-JUL-2018
Filing Date:	
Time Stamp:	18:48:33
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	\$1720
RAM confirmation Number	071618INTEFSW00004962504551
Deposit Account	504551
Authorized User	Robin Davin
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 1.21 (Miscellaneous fees and charges)	

File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Application Data Sheet	Application_Data_Sheet_KRN330E_7-13-18.pdf	622373	no	8
			807e1c4b269429cc6cbd401bf637a3a0948e9ddf		
Warnings:					
Information:					
This is not an USPTO supplied ADS fillable form					
2	Oath or Declaration filed	Declaration_for_Patent_Application_KRN330E_7-13-18.pdf	159718	no	3
			3ce22b158ea2cc6dca26e248c0838cc316fc2e8		
Warnings:					
Information:					
3		continuation_patent_application_KRN330E_7-13-18.pdf	171899	yes	42
			4a06e4f3fae11546fab596a5e4c46fab0db52841		
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Specification		1	35	
	Claims		36	41	
	Abstract		42	42	
Warnings:					
Information:					
4	Drawings-only black and white line drawings	Drawings_KRN330E_7-13-18.pdf	577288	no	9
			0df9faf2b782c6c9c3960816eebab2a324da2fbc		
Warnings:					
Information:					

5		Information_Disclosure_Statement_KRN330E_7-13-18.pdf	700945	yes	12
			2dc2d227333a0ac1f6881611ba1361930c5c6185		
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Transmittal Letter		1	2	
	Information Disclosure Statement (IDS) Form (SB08)		3	12	
Warnings:					
Information:					
6	Fee Worksheet (SB06)	fee-info.pdf	34715	no	2
			bd013bf97c8dffac15449168da113b32cf80d96		
Warnings:					
Information:					
Total Files Size (in bytes):			2266938		
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.					

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	KRN 330E
		Application Number	
Title of Invention	DRINK BOTTLES		
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.)
--------------------------	---

Inventor Information:

Inventor 1					Remove		
Legal Name							
Prefix	Given Name		Middle Name		Family Name		Suffix
	Robert				Choi		
Residence Information (Select One) ☒ US Residency ☐ Non US Residency ☐ Active US Military Service							
City	Ogden		State/Province	UT	Country of Residence	US	
Mailing Address of Inventor:							
Address 1		170 N. Washington Boulevard, #1007					
Address 2							
City	Ogden		State/Province	UT			
Postal Code	84404		Country i	US			
Inventor 2					Remove		
Legal Name							
Prefix	Given Name		Middle Name		Family Name		Suffix
	Barley		A.		Forsman		
Residence Information (Select One) ☒ US Residency ☐ Non US Residency ☐ Active US Military Service							
City	Cotati		State/Province	CA	Country of Residence	US	
Mailing Address of Inventor:							
Address 1		206 Maple Avenue					
Address 2							
City	Cotati		State/Province	CA			
Postal Code	94931		Country i	US			
Inventor 3					Remove		
Legal Name							
Prefix	Given Name		Middle Name		Family Name		Suffix
	Jeremy				Galten		
Residence Information (Select One) ☒ US Residency ☐ Non US Residency ☐ Active US Military Service							

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number		KRN 330E	
		Application Number			
Title of Invention		DRINK BOTTLES			
City	Petaluma	State/Province	CA	Country of Residence	US
Mailing Address of Inventor:					
Address 1		1623 Shenandoah Court			
Address 2					
City	Petaluma	State/Province	CA		
Postal Code	94954	Country	US		
All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the Add button.					

Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below. For further information see 37 CFR 1.33(a).	
☐ An Address is being provided for the correspondence Information of this application.	
Customer Number	139868
Email Address	Add Email Remove Email

Application Information:

Title of the Invention	DRINK BOTTLES		
Attorney Docket Number	KRN 330E	Small Entity Status Claimed	☐
Application Type	Nonprovisional		
Subject Matter	Utility		
Total Number of Drawing Sheets (if any)	9	Suggested Figure for Publication (if any)	29

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.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	KRN 330E
		Application Number	
Title of Invention	DRINK BOTTLES		

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	139868		

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	15287915	2016-10-07		
Prior Application Status	Patented		Remove		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
15287915	Continuation of	14329096	2014-07-11	9463911	2016-10-11
Prior Application Status	Patented		Remove		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
14329096	Continuation of	12133954	2008-06-05	8777048	2014-07-15
Prior Application Status	Patented		Remove		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
12133954	Continuation of	11588476	2006-10-26	8622237	2014-01-07
Prior Application Status	Patented		Remove		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
11588476	Continuation of	11313488	2005-12-20	7533783	2009-05-19

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	KRN 330E
		Application Number	
Title of Invention	DRINK BOTTLES		

Prior Application Status	Expired	Remove	
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)
11313488	Claims benefit of provisional	60706700	2005-08-08
Prior Application Status	Expired	Remove	
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)
11313488	Claims benefit of provisional	60670828	2005-04-11

Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the **Add** button.

Foreign Priority Information:

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)¹ 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 ^j	Filing Date (YYYY-MM-DD)	Remove	Access Code ^k (if applicable)

Additional Foreign Priority Data may be generated within this form by selecting the **Add** button.

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.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	KRN 330E
		Application Number	
Title of Invention	DRINK BOTTLES		

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.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	KRN 330E
		Application Number	
Title of Invention	DRINK BOTTLES		

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			
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		
Mailing Address Information For Applicant:			
Address 1	2000 S. McDowell, Suite 200		
Address 2			
City	Petaluma	State/Province	CA
Country	US	Postal Code	94954
Phone Number		Fax Number	
Email Address			
Additional Applicant Data may be generated within this form by selecting the Add button.			

Assignee Information including Non-Applicant Assignee 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.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	KRN 330E
		Application Number	
Title of Invention	DRINK BOTTLES		

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.				
If the Assignee or Non-Applicant Assignee is an Organization check here. ☐				
Prefix	Given Name	Middle Name	Family Name	Suffix
Mailing Address Information For Assignee including Non-Applicant Assignee:				
Address 1				
Address 2				
City		State/Province		
Country i		Postal Code		
Phone Number		Fax Number		
Email Address				
Additional Assignee or Non-Applicant Assignee Data may be generated within this form by selecting the Add button.				

Signature:

NOTE: This Application Data Sheet must be signed in accordance with 37 CFR 1.33(b). However, if this Application Data Sheet is submitted with the INITIAL filing of the application and either box A or B is not checked in subsection 2 of the "Authorization or Opt-Out of Authorization to Permit Access" section, then this form must also be signed in accordance with 37 CFR 1.14(c).

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			Date (YYYY-MM-DD)	2018-07-13	
First Name	David S.	Last Name	D'Ascenzo	Registration Number	39952
Additional Signature may be generated within this form by selecting the Add button.					

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	KRN 330E
		Application Number	
Title of Invention	DRINK BOTTLES		

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.**

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 BOTTLES.

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.

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DECLARATION FOR PATENT APPLICATION
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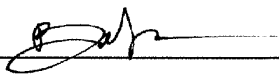
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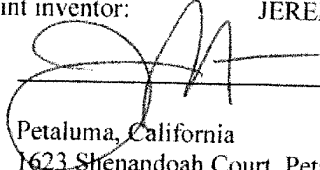
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DRINK BOTTLES

Related Applications

The present application is a continuation of, and claims priority under 35 U.S.C. § 120 to, U.S. Patent Application No. 15/287,915, which was filed on October 7, 2016, issued on July 17, 2018 as U.S. Patent No. 10,023,365, and which claims priority to U.S. Patent Application Serial No. 14/329,096, which was filed on July 11, 2014, issued on October 11, 2016 as U.S. Patent No. 9,463,911, and which claims priority to U.S. Patent Application Serial No. 12/133,954, which was filed on June 5, 2008, issued on July 15, 2014 as U.S. Patent No. 8,777,048, and which claims priority to U.S. Patent Application Serial No. 11/588,476, which was filed on October 26, 2006, issued on January 7, 2014 as U.S. Patent No. 8,622,237, and which claims priority to U.S. Patent Application Serial No. 11/313,488, which was filed on December 20, 2005, and issued on May 19, 2009 as U.S. Patent No. 7,533,783. U.S. Patent Application Serial No. 11/313,488 claims priority to U.S. Provisional Patent Application Serial Nos. 60/670,828 and 60/706,700, which were filed on April 11, 2005 and August 8, 2005, respectively. The complete disclosures of the above-identified patents and patent applications are hereby incorporated by reference.

Field of the Disclosure

The present disclosure relates generally to drink bottles, and more particularly to drink bottles with bite-actuated mouthpieces.

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 formed from plastic and include a cap. Some conventional drink bottles include a threaded or

other neck from which a user drinks fluid contained in the drink bottle after removal of the cap.

Some conventional drink bottles include a spout, or nozzle, from which the drink fluid may be drawn from the drink bottle without removing the cap of the drink bottle. Conventional spouts include straws and rigid spouts having an outlet through which drink fluid may flow. Other

5 conventional drink bottles require the cap to be removed to permit drink fluid to be removed from the drink bottle.

Brief Description of the Drawings

Fig. 1 is a perspective view of a bite-actuated drink bottle according to the present disclosure.

Fig. 2 is a perspective view of another bite-actuated drink bottle according to the present
5 disclosure.

Fig. 3 is a fragmentary, partial cross-sectional side elevation view of a fluid container that may be used with bite-actuated drink bottles according to the present disclosure.

Fig. 4 is a fragmentary cross-sectional side elevation view of portions of another bite-actuated drink bottle according to the present disclosure.

10 Fig. 5 is a partial cross-sectional side elevation view of a cap assembly that may be used with bite-actuated drink bottles according to the present disclosure.

Fig. 6 is a side elevation view of another cap assembly that may be used with bite-actuated drink bottles according to the present disclosure.

15 Fig. 7 is a side elevation view of another cap assembly that may be used with bite-actuated drink bottles according to the present disclosure.

Fig. 8 is a fragmentary somewhat schematic side elevation view of portions of another bite-actuated drink bottle according to the present disclosure.

Fig. 9 is a fragmentary somewhat schematic side elevation view of portions of another bite-actuated drink bottle according to the present disclosure.

20 Fig. 10 is an isometric view of a bite-actuated mouthpiece that may be used with bite-actuated drink bottles according to the present disclosure.

Fig. 11 is a top plan view of the mouthpiece of Fig. 10.

Fig. 12 is a side elevation view of the mouthpiece of Fig. 10.

Fig. 13 is a side elevation view of the mouthpiece of Fig. 10.

Fig. 14 is a cross-sectional view of the mouthpiece of Fig. 12.

Fig. 15 is a cross-sectional view of the mouthpiece of Fig. 13.

Fig. 16 is a somewhat schematic top plan view of a bite-actuated mouthpiece in a
5 dispensing configuration.

Fig. 17 is a cross-sectional view of another bite-actuated mouthpiece that may be used
with bite-actuated drink bottles according to the present disclosure.

Fig. 18 is transverse cross-sectional view of the mouthpiece of Fig. 17.

Fig. 19 is a cross-sectional view of another bite actuated mouthpiece that may be used
10 with bite-actuated drink bottles according to the present disclosure.

Fig. 20 is a transverse cross-sectional view of the mouthpiece of Fig. 19.

Fig. 21 is a top plan view of another suitable cap assembly for use with bite-actuated
drink bottles according to the present disclosure, with the cap assembly's spout in a stowed
configuration.

15 Fig. 22 is a top plan view of the cap assembly of Fig. 21, with the cap assembly's spout in
a dispensing configuration.

Fig. 23 is a side elevation view of the cap assembly of Fig. 21.

Fig. 24 is a side elevation view of the cap assembly of Fig. 22.

Fig. 25 is an exploded isometric view of the cap assembly of Fig. 21.

20 Fig. 26 is a cross-sectional side elevation view of the cap assembly of Fig. 21.

Fig. 27 is a cross-sectional side elevation view of the cap assembly of Fig. 22.

Fig. 28 is a partial cross-sectional side elevation view of another cap assembly that may
be used with bite-actuated drink bottles according to the present disclosure.

Fig. 29 is a partial cross-sectional side elevation view of the cap assembly of Fig. 28, with the spout pivoted to a stowed configuration.

Detailed Description and Best Mode of the Disclosure

Examples of drink bottles according to the present disclosure are shown in Figs. 1 and 2 and indicated generally at 10. Drink bottles 10 according to the present disclosure include a fluid container 12 and a cap, or cap assembly, 14 that includes a mouthpiece 72. Although referred to
5 herein as being “drink bottles,” it is within the scope of the present disclosure that the fluid container may have any suitable shape, including shapes that do not resemble conventional bottles, and may be formed from any suitable material. Accordingly, it is within the scope of the present disclosure that drink bottles 10 may additionally or alternatively be referred to as drink
10 containers 10 and/or as beverage containers 10. As discussed in more detail herein, drink bottles 10 according to the present disclosure will typically include a free-standing fluid container 12. Drink bottles 10 according to the present disclosure will typically include a cap assembly with a base 70 that is adapted to be coupled to the fluid container and a bite-actuated mouthpiece, or valve assembly, 72 upon which a user may bite to configure the mouthpiece from a closed configuration to a dispensing configuration.

15 In Figs. 1 and 2, the cap assemblies are shown including optional pivotal mounts 100 to which the mouthpieces are mounted, and optional handles 140 that extend from the cap assembly. In Fig. 2, the cap assembly is shown with the mount in a dispensing configuration in which the mouthpiece is oriented in a suitable position from which a user may draw drink fluid from the drink bottle through mouthpiece 72 when the user bites upon the mouthpiece or
20 otherwise urges the mouthpiece from the illustrated sealed configuration to a dispensing configuration. In Fig. 1, the illustrative example of a cap assembly 14 is shown with the mount in a stowed configuration, in which the mouthpiece is positioned closer to the base of the cap than in the dispensing configuration, with the stowed configuration typically corresponding to an

orientation in which the mouthpiece is not suitably positioned for a user to bite upon the mouthpiece to configure the mouthpiece to a dispensing configuration. The stowed configuration may also be referred to as a retracted configuration, and the dispensing configuration may also be referred to as an extended configuration in which the distal end, or outlet, of the mount is oriented to extend generally away from the base of the cap assembly. The various configurations referred to herein may also be selectively referred to as positions without departing from the scope of the present disclosure.

As indicated in Figs. 1-2 and perhaps best seen in Fig. 3, fluid container 12 defines an internal compartment 20 that is sized to hold, or receive, up to a predetermined volume of potable drink fluid, or liquid. Illustrative examples of drink fluids include water, sports drinks, juices, energy drinks, and the like. Typically, container 12 will be sized to hold up to approximately two liters of drink fluid, with many embodiments of container 12 being sized to hold a maximum volume of less than two liters of drink fluid. It is within the scope of the present disclosure that container 12 may have any suitable size and shape, with illustrative, non-exclusive examples being shown in Figs. 1-3. Illustrative, non-exclusive examples of suitable sizes (i.e., capacities of drink fluid able to be received into the fluid container at one time) for fluid container 12 include 4 oz., 6 oz., 8 oz., 10 oz., 12 oz., 16 oz., 20 oz., 24 oz., 32 oz., 36 oz., .5 liters, .7 liters, 1 liter, 1.5 liters, 6-11 oz., 12-19 oz., 19-25 oz., 12-36 oz., 25-36 oz, and 10-70 oz. (with these illustrative examples referring to fluid ounces of drink fluid that may be poured in one filling into an empty fluid container). It is within the scope of the present disclosure that 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.

Fluid container 12 may be formed from any suitable material or combination of materials. Non-exclusive examples of factors that may be (but are not required to be) considered when selecting material(s) for the fluid container include the durability of the material, the intended potable drink fluid, or types of drink fluids, that will be contained in the fluid container, the intended life, or period of use, of the drink bottle, whether the fluid container is intended to be refilled or otherwise reused, environmental concerns, whether the fluid container is intended to resist being collapsed during use, whether the fluid container is designed to permit a user to collapse the fluid container inwardly when dispensing fluid therefrom, or to dispense drink fluid therefrom, whether the drink container (and optionally the cap assembly) is designed to be washed in a household dishwasher, etc. Illustrative examples of materials that may be used include polycarbonate, polyethylene, polypropylene, glass, metal, and the like. In some embodiments, it may be desirable for the material(s) to be selected so that the fluid container will be transparent, or at least translucent, so that a user may see the contents of the fluid container, or at least the level of drink fluid within the fluid container, through the walls, or wall structure, of the container. In some embodiments, it may be desirable for the material(s) to be selected so that the fluid container is rigid and resists being collapsed when a user drinks from the container. In some embodiments, the material(s) may be selected so that the fluid container is designed to be collapsed (i.e., to permit opposing portions of the wall structure to be urged toward, or even into contact with, each other) during use. However, even fluid containers that are adapted to be collapsed during use, such as by a user squeezing the container, will tend to be at least semi-rigid in their construction and thereby adapted to be self-supporting. In some embodiments, the material(s) may be selected so that the fluid container is not breakable, i.e., will not shatter if dropped. Polyethylene will typically produce a collapsible fluid container that is translucent or

opaque, but not transparent. Polycarbonate will typically produce a rigid, or stiff, fluid container that has a clear or glass-like appearance without the fragility of glass. Polypropylene will typically produce a fluid container that is more translucent and stiffer than polyethylene yet still able to be collapsed during use by a user squeezing the wall structure of the fluid container.

5 As indicated with respect to the illustrated examples of fluid containers shown in Figs. 1-3, container 12 includes a body 22 with a base, or bottom surface, 24 and a neck 26, with the bottom surface and the neck being separated by wall structure 28. As perhaps best seen in Fig. 3, bottom surface 24 is adapted to support the drink bottle on a level surface. In other words, in the illustrative example, when the drink bottle is set upon a generally level surface, the
10 bottom surface of the drink bottle will support the drink bottle in an upright configuration upon that surface. Fig. 3 also demonstrates that the bottom surface of the fluid container is not required to have a flat, or planar, configuration, although this configuration is within the scope of the present disclosure.

 In the illustrated example shown in Fig. 2, wall structure 28 has a contoured
15 configuration, with the central region 30 of the wall structure being tapered, or defining a portion of the internal compartment that has a reduced cross-sectional area, relative to the corresponding upper and lower regions 32 and 34 of the wall structure. For example, the central region may be shaped to facilitate easier grasping of the drink bottle by a user. It is within the scope of the present disclosure that other configurations may be utilized. For example, the body may include
20 a handle, or passage, that extends into, or through, the drink compartment. As another illustrative, non-exclusive example, the body may include a handle that projects outwardly from the wall structure. As yet another example, the wall structure may have a cylindrical or other geometrically shaped configuration. As shown in Fig. 1, the container's wall structure 28 may

have a generally cylindrical configuration. In the illustrated example, the upper region 32 of the wall structure has a tapered configuration relative to the central and lower regions 30 and 34 of the wall structure, and thereby has a smaller internal perimeter.

5 The cross-sectional configuration of the wall structural may be symmetrical throughout the upper, central, and lower regions, or at least one of the regions may have a cross-sectional configuration that is not symmetrical with the other regions and/or with respect to itself. For example, selectively shaping the cross-sectional configuration, or perimeter, of at least the central region may permit the drink bottle to be rotationally oriented by a user for drinking from the subsequently discussed bite-actuated valve assembly without requiring the user to look at the rotational position of the valve assembly relative to the user's hand that is holding the central region of the fluid container's wall structure. For example, and with reference to Fig. 2, shaping the wall structure to have a depression or other unsymmetrical portion 36 on the central region of the wall structure generally beneath the bite-actuated mouthpiece may permit a user to grasp and orient the bottle for drinking from the mouthpiece simply by feeling the position of the unsymmetrical portion of the wall structure. However, this is but one of many suitable configurations and is not required. In Figs. 1 and 2, the wall structure includes gradations 38 to indicate the volume of fluid present in the container. As shown, the gradations are spaced-apart along the height of the fluid container to indicate or otherwise demarcate volumes of drink fluid. Gradations 38 provide another example of optional structure that may or may not be implemented in a particular embodiment without departing from the scope of the present disclosure.

Neck 26 provides an opening, or portal, through which drink fluid may be poured into the internal compartment of the fluid container and/or removed therefrom. Neck 26 will typically

have a reduced cross-sectional area (or smaller perimeter) than the region of the fluid container from which it extends, although this configuration is not required. Neck 26 is adapted to interconnect, typically removably, with the cap assembly via any suitable mechanical interconnection, or coupling structure. In the illustrative example shown in Fig. 3, neck 26 includes a portal 40 with a coupling structure 42 that includes threads 44 that are configured to be threadingly engaged by corresponding threads 46 on the base 70 of the cap assembly to permit the cap to be screwed, or threaded, onto the neck, such as shown in Fig. 3. In the illustrative example shown in Fig. 3, the cap assembly's threads 46 provide the coupling structure 45 of the base. It is within the scope of the present disclosure that coupling assembly 43 may be used to refer collectively to the coupling structures of the base and the neck, such as threads 44 and 46.

Another example of a suitable coupling assembly 43 for interconnecting the cap assembly and the fluid container is shown in Fig. 4. As shown, the cap assembly is configured to engage the neck with a coupling assembly 43 in the form of a friction fit assembly, with neck 26 including a coupling structure 42 that includes an external lip, or ledge, 48 over which a corresponding coupling structure 45 in the form of a flange, or internal ledge, 50 of the base of the cap assembly extends to couple the cap assembly onto the neck. Cap assembly 14 and/or neck 26 may form a fluid-tight seal therebetween without requiring the inclusion of gaskets, o-rings or seal-enhancing structure. However, it is also within the scope of the present disclosure that one or more such structures may be utilized.

As discussed, cap assembly 14 is connected, and typically removably connected, to the neck of the fluid container. By "removably connected," it is meant that the cap assembly is designed, or adapted, to be repeatedly connected to and disconnected from the neck of the fluid container without destruction of the cap assembly or the neck. When properly connected to the

neck, the cap assembly forms a seal with the neck of the fluid container and thereby selectively seals the internal compartment of the container to prevent drink fluid from being dispensed therefrom through opening 40 except as permitted by the cap assembly. One or more of the cap assembly and the neck may include a compressible gasket or other sealing structure to assist in providing a water-tight seal between the cap assembly and the neck when the cap assembly is properly secured on the neck. When removed or otherwise disconnected from the fluid container, the cap assembly may be retained proximate the fluid container by a tether that interconnects the cap assembly and the fluid container to retain a connection between these components when the base of the cap assembly is not coupled to the neck of the fluid container.

10 An optional tether is schematically illustrated in Fig. 4 at 52. When present, the tether may be integrally formed with one or both of the cap assembly and the fluid container, or it may be coupled to the cap assembly and/or the fluid container via any suitable mechanism. It is also within the scope of the present disclosure that the cap assembly may not be coupled to the fluid container by a tether.

15 As discussed, and as somewhat schematically illustrated in Fig. 5, cap assembly 14 includes a base 70, which is adapted to interconnect with the neck of the fluid container. Cap assembly 14 further includes a mouthpiece, such as a bite-actuated mouthpiece 72, which is adapted to selectively permit drink fluid to flow therethrough when the valve assembly is deformed from its closed configuration to a dispensing, or open, configuration. Cap assembly 14

20 further includes, or defines, a fluid conduit 74 through which drink fluid may selectively flow from the fluid container to the mouthpiece.

As discussed, base 70 is preferably configured to be removably coupled to the neck of the fluid container to seal the portal defined by the neck of the fluid container. In other words, a user

may drink directly from the fluid container through opening 40 when the cap assembly is not secured to the neck by a suitable coupling structure. When cap assembly 14 is secured to the neck, then drink fluid may not be withdrawn from fluid container 12 other than as permitted by the cap assembly, such as via bite-actuated mouthpiece 72. Base 70 forms a portion of coupling assembly 43, with the base and the neck of the fluid container cooperating to secure the base upon the neck. In Fig. 5, base 70 is shown including coupling structure 45 in the form of threads 46 that are configured to threadingly engage corresponding threads on the neck of a fluid container. As shown in Fig. 5, base 70 also includes, or defines, an inlet 80 to the fluid conduit 74 through which drink fluid is selectively drawn from the fluid container and dispensed through bite-actuated mouthpiece 72.

As discussed, cap assembly 14 defines a fluid conduit 74 that extends from the fluid container to the bite-actuated mouthpiece so that drink fluid from container 12 may be selectively dispensed through mouthpiece 72. Fig. 5 graphically depicts that it is within the scope of the present disclosure that cap assembly 14 may include a mount 100 to which the bite-actuated mouthpiece is removably mounted, or secured, with the mount defining at least a portion of fluid conduit 74, such as which may extend through a hollow passage 102 within the mount to a distal open end region 104 of the mount. When mount 100 includes a fluid passage through which drink fluid may at least selectively flow from the internal compartment of the fluid container to the mouthpiece, the mount may be referred to as a drink spout. In the illustrated example shown in Fig. 5, mount 100 extends in a fixed orientation relative to base 70, thereby defining the orientation of the mouthpiece 72 relative to the base (and fluid container) during use of the drink bottle. In Fig. 5, the mount extends generally parallel to the central, or long, axis 106 of the cap assembly and corresponding drink bottle (i.e., straight away from the

cap assembly). However, any suitable orientation may be used without departing from the scope of the present disclosure. This is graphically depicted in Fig. 6, in which the mount is shown extending at an inclined angle relative to the long, or central, axis 106 of the cap assembly and corresponding drink bottle.

5 It is also within the scope of the present disclosure that mount 100 may be adjustably positionable relative to the base of the cap assembly, thereby permitting the orientation of the bite-actuated mouthpiece to be adjusted within a range of positions, or configurations, that are defined at least in part by the mount. This adjustable positioning of the mouthpiece, when provided for in a particular embodiment, may permit a user to adjust the orientation of the
10 mouthpiece to a user-selected drinking orientation. An example of an adjustably positionable mount 100 is shown in dashed lines in Fig. 6, in which the mount and attached mouthpiece are shown pivoted from the dispensing configuration shown in solid lines to a stowed configuration. In the stowed configuration, the mouthpiece is typically not positioned for being received into a user's mouth. As discussed in more detail herein, it is within the scope of the present disclosure
15 that the cap assembly may include an optional valve or other fluid regulator that is adapted to prevent or otherwise restrict the flow of drink fluid to the mouthpiece when the mount is in a stowed configuration. In such an embodiment, when the mount is in the stowed configuration, drink fluid would be prevented from flowing from the fluid container through the mouthpiece regardless of the configuration of the mouthpiece.

20 Another illustrative example of a cap assembly 14 that includes a mount, or drink spout, 100 that is pivotal within a range of positions, or configurations, relative to the base of the cap assembly is shown in Fig. 7. As shown, the cap assembly includes an adjustable joint 108, which is somewhat schematically illustrated. As illustrative examples, the mouthpiece, and at

least a portion of the mount, may be coupled to the base of the cap assembly by a joint (and/or valve) 108, such as may take the form of a pivotal joint, a ball joint, or other suitable structure that provides for adjusting the angular and/or rotational orientation of the mount relative to the base of the cap assembly. When the cap assembly includes such a pivotal joint 108, it is within the scope of the present disclosure that the joint may form a portion of the cap assembly's fluid conduit 74, such as with the passage of the fluid conduit extending through the joint. However, this construction is not required to all embodiments. As a variation of this structure, the mount may include a hinged or other flexible region that permits selective adjustment of the orientation of the mount's distal open end region 104 relative to the inlet of the fluid conduit.

It is within the scope of the present disclosure that the mouthpiece is non-removably, or permanently, secured to the base, mount, or other portion of the cap assembly. However, in many embodiments it may be desirable for the mouthpiece to be removably connected to the cap assembly, such as to permit the mouthpiece to be repeatedly removed, such as for cleaning or replacement, and thereafter recoupled to the mount. As non-exclusive, illustrative examples, the mouthpiece may be removably mounted onto mount 100 and/or with mount 100 being designed to be removed from base 70.

Bite-actuated mouthpiece, or valve, 72 includes at least one opening through which drink fluid may flow when the mouthpiece is in its dispensing, or open configuration. An illustrative, non-exclusive example of a suitable construction for bite-actuated mouthpiece 72 is shown in Figs. 10-15. In the illustrated example, and perhaps best seen in Figs. 10 and 14-15, the mouthpiece includes a dispensing outlet, or opening, 86 that is defined by a slit 88 that extends through the dispensing face 90 of the mouthpiece. It is within the scope of the present disclosure that other configurations may be used, including two or more slits, intersecting or spaced-apart

slits, etc. This range of optional configurations is schematically indicated in Fig. 11, in which a pair of laterally spaced slits are shown in dashed lines at 88', and in which a second slit that intersects with slit 88 is shown in dash-dot lines at 88". The mouthpiece defines an internal chamber 110 into which drink fluid flows from the outlet, or end region, of the mount and to the opening formed by slit 88 when the mouthpiece is in a dispensing configuration. The sidewalls, or wall structure, 92 of the mouthpiece may be described as including one or more bite regions 112, which refer to opposed regions upon which a user may bite or otherwise apply compressive forces to urge the mouthpiece from its closed configuration to a dispensing configuration.

As perhaps best seen in Fig. 10, the illustrated example of a mouthpiece 72 has a non-symmetrical cross-sectional configuration between opposed regions of the mouthpiece's sidewalls 92. By this it is meant that the illustrated mouthpiece has different dimensions transverse to the direction of fluid flow, depending upon whether the dimensions are measured transverse or parallel to the illustrated slit. It is within the scope of the present disclosure that other non-symmetrical or symmetrical configurations may be used. For example, mouthpiece 72 may have a circular cross-sectional configuration, amongst others.

Mouthpiece 72 is resilient and biased to its closed configuration, such as is shown in Figs. 10-15. In use, the mouthpiece is adapted to be configured to the dispensing configuration by a user placing the mouthpiece in the user's mouth and biting upon or otherwise compressing the appropriate portions of sidewalls 92 of the mouthpiece, such as bite regions 112, to deform the mouthpiece to a position where the slit or other opening is no longer sealed and instead defines a fluid pathway through which drink fluid may flow. This is somewhat schematically depicted in Fig. 16 with another illustrative example of a suitable bite-actuated mouthpiece. As shown, the opposed lips, or sealing surfaces, 94 that define slit 88 are spread apart from each

other to define opening 86, through which drink fluid may be dispensed from the drink bottle. Mouthpiece 72 may be referred to as a self-sealing valve, or valve assembly, because the mouthpiece is constructed to automatically return to its closed, or sealed, configuration when the compressive forces, such as may be applied by a user's teeth or mouth, are no longer applied to maintain the mouthpiece in its dispensing configuration. Therefore, unless forces are being exerted to the mouthpiece to deform the mouthpiece to a dispensing configuration, the mouthpiece will be in its closed, or sealed, configuration.

The illustrated example also demonstrates that the region of the mouthpiece distal the dispensing face, which may be referred to as the base, or distal, portion of the mouthpiece and which is generally indicated at 113 in Figs. 10 and 12-15 may have (but is not required to have) a contoured configuration that does not extend at a constant distance from the dispensing face. In the illustrative, non-exclusive example shown in Figs. 12 and 13, the base portion includes a pair of projecting regions 114 separated by a pair of concave regions 115, although this construction is not required and other irregular base configurations may be utilized without departing from the scope of the present disclosure. Having a contoured or otherwise irregular configuration, when mounting on a dispensing spout or other mount that is complementarily configured to receive and conform to such a configuration enables the mount to restrict relative rotation of the mouthpiece thereupon due to the engagement of the distal portion 113 of the mouthpiece with the mount, such as shown by referring back to Figs. 1 and 2. As discussed, the illustrated example is but a non-exclusive example of a suitable configuration, with it being within the scope of the present disclosure that the distal portion of the mouthpiece and/or the corresponding mount may have any suitable configuration for securing the mouthpiece upon the mount.

Additional illustrative, non-exclusive examples of suitable configurations for bite-actuated, self-sealing mouthpieces 72 for use with drink containers according to the present disclosure are shown in Figs. 17-20. In Figs. 17-20, the mouthpieces are shown positioned on a mount 100 that extends into a neck region 116 of the mouthpiece and terminates at an end region 104. Also shown are optional stops, or internal projections, 118 that are adapted to engage the end region 104 of the mount to define the fully inserted position of the mount within the mouthpiece. The illustrative portions of mount 100 define portions of fluid conduit 74 which extends from the end region, or outlet, 104 of the mount and into the internal chamber 110 of the mouthpiece.

Additional illustrative examples of suitable bite-actuated mouthpieces, including external and internal constructions of which that may be selectively utilized (in whole or in part) with mouthpieces 72 according to the present disclosure are disclosed in U.S. Patent Nos. 6,070,767 and 6,032,831, the complete disclosures of which are hereby incorporated by reference for all purposes. In the illustrated examples, mouthpiece 72 has a narrower head portion than the mouthpieces disclosed in the incorporated patents, but any of the illustrated configurations may be utilized. Similarly, the internal construction of the incorporated mouthpieces may be utilized with mouthpiece 72, such as the internal configurations for the mouthpiece's face and/or sidewalls. For example, at least Figs. 14 and 15 illustrate that mouthpieces 72 may, but are not required to, include internal discontinuities, such as internal corners or edges, that extend along the sidewalls away from the dispensing face and which may assist in the mouthpiece deforming to its open configuration and/or returning to a sealed configuration.

In the preceding discussion, mouthpiece 72 has been described as a bite-actuated mouthpiece. As also discussed, in some embodiments, the fluid container will be formed from a

material that configures, or permits, the wall structure of the fluid container to be collapsed inwardly as a user squeezes the fluid container. This intentional reduction in the internal volume of the fluid container may urge drink fluid through the fluid conduit and expel the fluid through the bite-actuated mouthpiece. It is within the scope of the present disclosure that mouthpiece 72
5 may be configured to permit this additional method of dispensing drink fluid from the drink bottle.

A potential benefit of the bite-actuated mouthpiece being biased to its closed configuration is that a user may position the drink bottle (and mouthpiece) to a desired drinking orientation, and even a partially or completely inverted orientation, without drink fluid being
10 dispensed from the mouthpiece. When the user desires to drink from the positioned drink bottle, the user may bite upon the mouthpiece (and/or optionally squeeze a fluid container that is designed to be collapsed during use) to commence the flow of drink fluid through the mouthpiece to the user.

As discussed, bite-actuated mouthpiece 72 is biased to a closed, or sealed, configuration
15 in which the opening that is formed in the dispensing face of the mouthpiece is closed and prevents drink fluid from passing therethrough. Therefore, unless the mouthpiece is reconfigured from its closed configuration to a dispensing configuration, drink fluid is prevented from being dispensed through the cap assembly's fluid conduit. In some embodiments, it may be desirable for the cap assembly to further include a flow-restricting, or on/off, valve in addition to
20 the bite-actuated mouthpiece. For example, because the mouthpiece is designed to be configured to its dispensing configuration when lateral external forces are imparted to the mouthpiece (such as when a user bites upon or otherwise compresses the sidewalls of the mouthpiece toward each other), it is possible that external forces may be inadvertently exerted upon the mouthpiece.

Should this occur, drink fluid may be dispensed through the mouthpiece. However, the inclusion of an optional manual on/off valve, which selectively restricts whether drink fluid may flow to the mouthpiece from the fluid container, may prevent this unintentional dispensing of drink fluid regardless of the configuration of the mouthpiece. A graphical example of a drink bottle according to the present disclosure that includes an on/off, or shutoff, valve and a bite-actuated mouthpiece 72 is shown in Fig. 8. In Fig. 8, the on/off valve is indicated in dashed lines at 120 to graphically represent that the on/off valve, when present, may be located at any suitable position downstream (i.e., toward the internal compartment of the fluid container) of the mouthpiece's face, and typically proximate or upstream (i.e., toward the mouthpiece's dispensing face) from the inlet of the fluid conduit 74.

The on/off valve is selectively configured between open and closed configurations independent of the configuration of the bite-actuated mouthpiece. When the on/off valve is in its closed configuration, it is adapted to obstruct at least a portion of the fluid conduit, and optionally to completely obstruct the fluid conduit, thereby preventing drink fluid from passing from the fluid container to the face of the bite-actuated mouthpiece. Therefore, when the on/off valve is in its closed configuration, drink fluid cannot be dispensed from the fluid container through the mouthpiece, regardless of the configuration of the bite-actuated mouthpiece. As such, the on/off valve may also be referred to as a shutoff valve. When the on/off valve is in its open configuration, the drink fluid is selectively dispensed from the fluid container through the mouthpiece depending upon the configuration of the bite-actuated mouthpiece.

Unlike bite-actuated mouthpiece 72, the on/off valve will typically not be biased to return automatically to a particular configuration. Instead, the on/off valve may be configured to remain in a user-selected orientation until reconfigured to a different orientation by a user. In

such an embodiment, the on/off valve may be referred to as being a static valve, in that it only restricts flow of drink fluid through the fluid conduit when positively configured to do so by a user. The on/off valve may utilize any suitable actuation mechanism to selectively configure the valve between its open and closed configurations.

5 As an illustrative, non-exclusive example, the joint 108 illustrated in Fig. 7 may be configured to provide an on/off valve 120 when pivoting of the mount relative to the cap assembly selectively causes the fluid conduit through the cap assembly to mouthpiece 72 to be obstructed. For example, at least a portion of the fluid conduit may be obstructed as the distal end of the mount is pivoted toward the cap assembly. In some embodiments, such as when the
10 fluid conduit extends through the joint, the degree to which the corresponding portion of the fluid conduit is obstructed may vary depending upon the degree to which the mount is pivoted or otherwise moved toward the cap assembly. In such an embodiment, the fluid conduit may not be obstructed by the joint or other on/off valve in at least one position (and optionally a sub-range of positions) within the range of positions within which the mount may be oriented relative to the
15 cap assembly, the portion of the fluid conduit may be partially obstructed during another sub-range of the range of positions, and the portion of the fluid conduit may be completely obstructed in at least one (and optionally a third sub-range of positions) within the range of positions. It is also within the scope of the present disclosure that a similar range and sub-ranges may be provided by other embodiments of on/off valve 120. However, this construction is not required
20 to all drink bottles according to the present disclosure.

 An illustrative, non-exclusive example of a suitable configuration for an on/off, or shutoff, valve is shown in Figs. 26 and 27, in which the on/off valve is generally indicated at 120. As shown, mount 100 is pivotally coupled to base 70 of the cap assembly to selectively

restrict and permit drink fluid to flow from the fluid container to the fluid conduit. In at least Figs. 26 and 27, mount 100 may be described as providing a drink spout that is pivotally coupled to the base of the cap assembly. The drink spout is selectively pivoted between a stowed, or closed, configuration (such as shown in Fig. 26) and a dispensing, or extended, configuration (such as shown in Fig. 27), in which the drink spout is pivoted generally away from the base of the cap assembly relative to the closed configuration. In the closed configuration, the drink spout is pivoted toward or even against the base of the cap assembly relative to the dispensing configuration. In the illustrated example, the fluid conduit between the internal compartment of the drink container and the mouthpiece of the cap assembly is blocked by the drink spout when the drink spout is in its closed configuration, thereby restricting (or preventing) drink fluid from being dispensed through the drink spout regardless of the configuration of the mouthpiece when the drink spout is in the closed configuration. In the dispensing configuration, pivoting of the drink spout away from the base aligns an aperture in the drink spout to establish a continuous fluid conduit from the internal compartment to the mouthpiece.

Another example of a suitable actuation mechanism for an on/off valve 120 that may be used with drink bottles 10 according to the present disclosure is a push-pull mechanism, in which the bite-actuated mouthpiece and typically at least a portion of the mount and/or fluid conduit is urged away from a baffle or other obstruction that selectively prevents drink fluid from passing through the mount or other portion of the fluid conduit to the internal chamber of the mouthpiece. For example the push-pull mechanism may, in its closed configuration, prevent drink fluid from entering the inlet of the fluid conduit until the mouthpiece and other corresponding structure is drawn away from the obstruction. As another example, the push-pull mechanism that provides an on/off valve may selectively restrict drink fluid from passing

through an intermediate portion of the fluid conduit (such as within the mount), and/or from exiting the mount into the internal compartment of the mouthpiece. In a variant of this push-pull mechanism, the obstruction is selectively pushed or otherwise urged away from the inlet or other suitable portion of the fluid conduit to permit drink fluid to flow therethrough.

5 Yet another illustrative example of a suitable construction for a static on/off valve 120 is a rotatable mechanism, in which a portion of the fluid conduit upstream from the internal chamber of the mouthpiece (such as the inlet, outlet, or an intermediate portion of the mount) is selectively obstructed until the mouthpiece (and typically at least a portion of the mount and/or fluid conduit) is rotated to a position in which the obstruction no longer prevents drink fluid from
10 passing through the fluid conduit. Yet another illustrative, non-exclusive example of a suitable actuation mechanism for a static on/off valve 120 utilizes a fluid conduit having a foldable, collapsible, resiliently deformable, and/or crimpable region and suitable structure for selectively folding, flattening, resiliently deforming, and/or crimping that region of the fluid conduit to block, obstruct, or otherwise restrict the flow of drink fluid therethrough. This region may define
15 a portion of the fluid conduit through which drink fluid may selectively flow from the inlet to the mouthpiece. An illustrative, non-exclusive example of a suitable material for such a portion of the fluid conduit is silicone or another material that does not readily take a compression set and therefore may be repeatedly folded, flattened, crimped, and the like without leaking or otherwise being permanently deformed or failing.

20 The schematic example of an on/off, or shutoff, valve 120 that is depicted in Fig. 8 is intended to graphically represent these and any other suitable constructions for a static on/off valve that selectively prevents drink fluid from being dispensed from the drink bottle through the opening of the mouthpiece regardless of the configuration of the mouthpiece. Additional

examples are presented in the provisional patent applications that are incorporated by reference herein.

Drink bottles 10 according to the present disclosure may, but are not required to, additionally or alternatively include an air return, or pressure relief, assembly that is adapted to selectively permit air from external the drink bottle to enter the drink bottle's internal compartment other than through the dispensing opening of the mouthpiece. When present, the air return assembly is preferably positioned sufficiently away from the dispensing face of the mouthpiece that the air return valve is not obstructed when a user is drawing drink fluid from the fluid container through the opening of the mouthpiece. Especially when the fluid container has a rigid construction that is not adapted to readily collapse as drink fluid is drawn therefrom, a vacuum will tend to be drawn within the fluid container as drink fluid is withdrawn therefrom through the mouthpiece. As this vacuum, or pressure-differential, increases, it will become more difficult for a user to draw additional drink fluid through the mouthpiece until this pressure differential is reduced.

A schematic example of a drink bottle 10 according to the present disclosure that includes an air return assembly is shown in Fig. 9, with the air return assembly generally indicated at 160. Air return assembly 160 is adapted to permit air from external the drink bottle to enter the internal compartment 20 of fluid container 12 without having to pass through the drink bottle's mouthpiece 72 (or least the dispensing face 90 or opening 86 of the mouthpiece). It is within the scope of the present disclosure that the air return assembly may be implemented on the cap assembly, such as on base 70 of the cap assembly. It is also within the scope of the present disclosure that the air return assembly, when present, may be implemented on the fluid container and/or that the drink bottle may be formed without an air return assembly that is separate from

the bite-actuated mouthpiece. It is also within the scope of the present disclosure that an air return valve may be integrally formed with the bite-actuated mouthpiece or that it may be separately formed from the mouthpiece. When separately formed from the mouthpiece, the air return assembly may be positioned in a spaced-apart relationship to the mouthpiece on the cap assembly, on a dispensing mount (or nozzle) 100, on the fluid container, etc.

Air return assembly 160 may define an air conduit 162 through which air may flow at least from external the drink bottle to the internal compartment of the drink container. In Fig. 9, the conduit is schematically illustrated including an inlet 164, through which air may enter the conduit from external the drink container, and an outlet 166, through which air in the conduit may pass to the interior of the drink bottle, such as to the internal compartment of the drink container.

In embodiments of drink bottles 10 that include an air return assembly 160, the air return assembly may, but is not required to, include at least one air return valve, such as is schematically illustrated in Fig. 9 at 168 and which is less schematically illustrated in the subsequently discussed Figs. 25-29. Air return valve 168 is adapted to selectively restrict the flow of air through the air conduit from external the drink bottle and/or to restrict the flow of drink fluid through the air conduit from internal the drink bottle. Air return valve 168 is adapted to be selectively configured between a closed, or sealed, configuration in which the flow of air into the internal compartment through the air return assembly from external the drink bottle is restricted, and an open, or actuated, configuration, in which the air return valve is at least partially displaced from its sealed configuration and in which air may flow through the air return assembly, such as from external the drink bottle into the internal compartment of the fluid container. This flow of air may be through an air conduit, such as conduit 162, or may be simply

through an opening in the drink bottle that is selectively obstructed by the air return valve. Air return valve 168 preferably has a relatively low actuation pressure for permitting air to be drawn from external the drink bottle into the drink bottle's internal compartment, while also having a relatively high resistance to drink fluid being able to pass through the valve from within the internal compartment. In other words, the air return valve is preferably constructed to resist fluid flow through the valve from internal the compartment. Similar to bite-actuated mouthpiece 72, the air return valve is preferably a resilient valve that is biased to a closed configuration in which the valve is sealed and thereby prevents air or other fluid from passing therethrough. As discussed, the air return valve may be designed to be configured to an actuated, or open, configuration responsive to more than a predetermined pressure differential existing between the drink bottle's internal compartment and the environment external the drink bottle.

Air return valve 168 may include any suitable structure for selectively permitting air to enter the internal compartment of the drink bottle, preferably while also restricting drink fluid from exiting the internal compartment through the air return valve. As an illustrative, non-exclusive example, the air return valve may be a pressure-differential valve that is adapted to selectively permit air to flow into the drink container's internal compartment while restricting the flow of fluid through the air conduit from the internal compartment to exterior of the drink bottle. An illustrative, non-exclusive example of a suitable construction for air return valve 168 is an umbrella, or diaphragm valve, although other suitable valves may be used, including other suitable self-sealing valves. Another illustrative example of a suitable structure is a "duck bill" configuration, in which the valve assembly projects internally into the internal compartment and includes lips that are adapted to spread apart from each other to define a passage through which air may be returned into the internal compartment of the drink bottle, but which are biased

together to resist drink fluid passing from the internal compartment through the passage. Further examples include valves having one or more slits, including intersecting slits. When a self-sealing valve (i.e., a valve that is biased to a sealed configuration) is utilized, the seal may be provided by abutting surfaces of the valve itself and/or by the valve sealing against a portion of the drink bottle.

It is within the scope of the present disclosure that drink containers that include an air return assembly 160 may alternatively not include any form of physical valve that restricts the flow of fluid through the air conduit. In some embodiments, the air return assembly may include an air conduit that is obstructed on at least one of its ends (internal the fluid container or external the fluid container) when the drink bottle is not being used, such as when a pivotal dispensing nozzle is pivoted to a closed configuration. Air return assembly 160 is preferably positioned so that its air conduit is not obstructed by a user's mouth when the drink bottle is used to dispense drink fluid to a user.

Fig. 9 also graphically depicts that drink bottles 10 according to the present disclosure may, but are not required to, include an optional straw 180 that extends from the cap assembly into the fluid container, such as to (or at least proximate) the lower region of the fluid container. Straw 180 enables a user to draw drink fluid from the drink container via mouthpiece 72 without having to tip the drink bottle so that drink fluid may flow into the fluid conduit 74. For example, as the size of the fluid container increases, users may be more likely to want to draw drink fluid from the drink bottle without having to lift and tilt the drink bottle to the generally horizontal or even inverted configuration that would be used if straw 180 was not present. Straw 180 may be removably (or permanently) coupled to a corresponding mount 182 on the cap assembly, such as at or proximate the inlet 80 of fluid conduit 74. A benefit of a removable straw structure 180 is

that a user may selectively attach or remove the straw structure from the cap assembly, such as depending upon the desired use of the drink bottle at a given time. As discussed, it is also within the scope of the present disclosure that the straw may be fixedly, or permanently, attached to the cap assembly. As used herein, “removably,” “removably coupled,” and “removably attached”
5 refer to structures that are designed to be repeatedly connected and disconnected without destruction of the corresponding structures. Similarly, fixedly connected or permanently coupled structures refer to structures that are not designed to be separated without destruction of at least a portion of the structures and/or the mechanism that joins the structures.

Fig. 9 also illustrates that drink bottles 10 according to the present disclosure may, but are
10 not required to, include (or be selectively used with) elongate, flexible drink tubes, or external straw structures, 190 that fluidly interconnect the bite-actuated mouthpiece with mount 100 or another suitable receiver on cap assembly 14. It is within the scope of the present disclosure that any of the drink bottles disclosed, illustrated, and/or incorporated herein may be selectively utilized with an elongate drink tube 190. A potential benefit of this optional construction is that
15 a user may draw drink fluid from the drink bottle without having to hold the drink bottle. Although it is within the scope of the present disclosure that the drink tube may be integrated with or otherwise permanently secured to one or both of the cap assembly or the bite-actuated mouthpiece, it may be desirable for each of these components to be removably coupled to the drink tube. For example, this permits the drink bottle to be used with the mouthpiece connected
20 directly to the cap assembly (such as to mount 100) or to be connected to the cap assembly by drink tube 190. In Fig. 9, an optional mount 192 is shown interconnecting the drink tube with mount 100, such as with the end region thereof), although it is within the scope of the present disclosure that the drink tube may be coupled directly to an end of the mount, such as by

extending the corresponding end of the drink tube within or over an end of the mount. After attachment to the mount, the drink tube may optionally be described as forming an extension of the fluid conduit 74 of the drink bottle. When drink bottles according to the present disclosure include an elongate drink tube, such as tube 190, it is also within the scope of the present disclosure that the downstream assembly defined by the drink tube and mouthpiece may optionally include one or more quick-connect assemblies and/or flow-regulating devices and accessories, such as disclosed in U.S. Patent No. 6,908,015, U.S. Patent No. 7,073,688, and U.S. Patent Application Publication No. 2004/0089301, the complete disclosures of which are hereby incorporated by reference herein for all purposes.

The previously discussed Figs. 7-9 schematically illustrate a variety of components and structures that may (but are not required to be) incorporated into drink bottles according to the present disclosure. It is within the scope of the present disclosure that these components and structures, when present, may have any suitable structure meeting the functional criteria set forth herein and may be implemented individually or in combination with others of these or other components and structures.

Figs. 21-27 show a less schematic example of a suitable cap assembly 14 that may be used with drink bottles 10 according to the present disclosure. The example shown in Figs. 21-27 includes non-exclusive examples of various ones of the previously discussed components and structures. However, it is within the scope of the present disclosure that other components and/or structures may be utilized in place of or in addition to the illustrated components and structures. Accordingly, the depicted example is not intended to require the selected examples and combination of components and structures. Instead, it is intended to provide an illustrative, non-exclusive example of a suitable construction for cap assemblies according to the present

disclosure. The other components, structures, and variants thereof that are illustrated, described and/or incorporated herein may be selectively utilized with the illustrated cap assembly without departing from the scope of the present disclosure. Similarly, the illustrated cap assembly may be used with any of the drink bottles described, illustrated, and/or incorporated herein, as may the other cap assemblies and/or mouthpieces described, illustrated and/or incorporated herein.

In the example shown in Figs. 21-27, the cap assembly includes a base 70 from which a mount, or drink spout, 100 extends. The mount is pivotally coupled to the base of the cap assembly and is selectively pivoted within a range of positions relative to the base of the cap assembly. In Figs. 21, 23, and 26, the mount is shown in a stowed configuration, while in Figs. 22, 24-25 and 27, the mount is shown in illustrative dispensing configurations within the range of positions. The dispensing configurations of the mount may also be described as deployed and/or ready-to-drink configurations. The cap assembly includes a bite-actuated mouthpiece 72 that is mounted on mount 100 and is in fluid communication therewith. The illustrative mouthpiece includes a dispensing face 90 having a self-sealing opening 86 through which drink fluid may be selectively dispensed when the mount and mouthpiece are both in dispensing configurations.

In the illustrative example shown in Figs. 21-27, the mount includes an optional flange, or lever arm, 122 that projects from the mount and provides a surface that may be grasped or otherwise suitably engaged by a user, such as by a user's finger or thumb, to draw the mouthpiece and its mount from the stowed configuration toward, or to, a ready-to-drink configuration. Flange 122 may optionally be utilized with any of the other pivotal (or otherwise selectively stowable) mounts that are described, illustrated and/or incorporated herein.

The illustrative example of a cap assembly 14 shown in Figs. 21-27 also includes a handle 140 that extends from the base of the cap assembly. Handle 140 may take any other suitable form, may have a rigid or flexible construction, and may be (but is not required to be) used with any of the other cap assemblies that are disclosed, illustrated and/or incorporated herein. When present, handle 140 may, but is not required to, define a closed perimeter, or boundary, 142 through which a lanyard, karabineer, belt, strap, user's finger, or other structure may extend to hold and/or retain the drink bottle in a selected position. It is within the scope of the present disclosure that this closed boundary is perhaps best seen in Fig. 25. The closed boundary may be defined entirely by the handle or that it may be defined by the handle and the base of the cap assembly. Regardless, the closed boundary refers to a closed perimeter around an opening through which an object may be inserted, such as to position or coupled to the drink container. Additionally or alternatively, when the drink bottle includes a tether that interconnects the cap assembly and the fluid container, the tether may also define (when the cap assembly is properly mounted on the fluid container) a (or another) closed boundary through which a strap or other securing or positioning structure may extend.

Fig. 25 also illustrates a non-exclusive example for a suitable pivotal mounting mechanism for mount 100, with the mount including lateral projections 150 that are received into sockets 152 defined by portions of the base 70 and handle 140 of the cap assembly. The projections are rotatable within the sockets, and thereby function as rotatable supports, or axles, upon which the mount and any attached mouthpiece may be pivotally moved relative to the base of the cap assembly, such as between stowed and dispensing configurations and/or otherwise within the previously discussed range of positions. This illustrative mounting configuration is

intended to provide a non-exclusive example of a suitable configuration, and it is within the scope of the present disclosure that other configurations may be utilized.

In the illustrated example, and as indicated in Figs. 21-22 and 25, the handle also provides guards 144 that are positioned to protect the bite-actuated mouthpiece from unintentional contact and/or exposure at least when the mouthpiece is in its stowed configuration. In the illustrated example, handle 140 provides a pair of lateral guards 146 that extend on opposing sides of the mouthpiece, as well as a dispensing face guard, or cover, 148 that is adapted to protect the dispensing face of the bite-actuated mouthpiece when the mouthpiece is in its stowed configuration. For example, guard 148 may provide a form of dust cover that protects the dispensing face, and thus the slit or other opening formed therein, from being contacted by dirt, grime, and other substances when the mouthpiece is in its stowed configuration. As handle 140 is itself optional and thereby not required to all embodiments of drink bottles according to the present disclosure, it follows that handle 140, when present, may be formed with only one or more of the illustrated guards, with one or more additional guards, and/or without any guards.

In Figs. 26 and 27, the internal structure of the cap assembly shown in Figs. 21-25 is shown in more detail. For example, the illustrated cap assembly includes a coupling structure 45 in the form of threads 46. As discussed, any other suitable coupling structures may be utilized without departing from the scope of the present disclosure. Figs. 26 and 27 provide a graphical illustration of a pivotal mount 100 that defines a portion of fluid conduit 74 and therefore may be referred to as a drink spout through which drink fluid may selectively flow from the drink container, through an inlet 80 of the fluid conduit defined by the cap assembly, and thereafter through an outlet 104 of the mount into the internal chamber 110 of the bite-actuated mouthpiece

72. When the mouthpiece is urged to a dispensing configuration, such as by a user biting upon the mouthpiece, the drink fluid may be dispensed through the self-sealing opening 86 in the mouthpiece.

The illustrated example of a cap assembly 14 includes a manual on/off valve, or shutoff valve, 120 that is defined at least in part by the mount. As shown in Fig. 26, fluid conduit 74 is obstructed by a portion of the body 154 of the mount when the mount is in a stowed configuration. As shown with consideration of Figs. 26 and 27, the mount's body includes an inlet 156 that is selectively aligned in fluid communication with the inlet 80 of the fluid conduit. In Fig. 26, the mount is in a stowed configuration and the fluid inlet to the mount is not aligned in fluid communication with the inlet of the fluid conduit. As such, drink fluid is prevented from flowing from the fluid container and through the fluid conduit to the mouthpiece. Therefore, drink fluid from the fluid container will not be dispensed through the fluid conduit and mouthpiece regardless of the configuration of the mouthpiece. When the mount is pivoted to a dispensing configuration, such as shown in Fig. 27, drink fluid may flow through the entire fluid conduit. Figs. 26 and 27 include an optional gasket, or sealing member, 158. As illustrated, the gasket takes the form of a compressible o-ring, but any other suitable structure may be utilized when sealing member 158 is included in cap assembly 14.

In Figs. 26 and 27, the inlet 80 of the fluid conduit is defined by an optional mount 182 for an internal straw that may be selectively attached to the mount. When attached, the inlet for the fluid conduit would be defined by the distal end of the straw. When mount 182 is not present, the inlet to the fluid conduit may be defined by a portion of the cap assembly beneath the mount, or optionally, by the fluid inlet to the mount itself.

Figs. 26 and 27 also provide a graphical example of a cap assembly 14 that includes an air return assembly 160. In the illustrative, non-exclusive example, the air return assembly includes an air return valve 168 that has an umbrella valve configuration, in which the valve assembly includes an internally deflectable flap or perimeter region 170 that is biased to seal against a region 172 of the underside (or other suitable portion) of the cap assembly that contains an aperture or other passage or conduit 162 through which air may selectively flow when the air return valve is in a open, or deflected configuration.

Figs. 28 and 29 generally correspond to the cap assembly shown in Figs. 26 and 27. Figs. 28 and 29 provide a graphical demonstration that cap assemblies 14 that include an on/off valve 120 may implement the shutoff mechanism with structure other than the structure shown in Figs. 26 and 27. For example, in Figs. 28 and 29, the on/off valve includes a flexible tube, or conduit 124 that in Fig. 28 fluidly interconnects the inlet 80 of the fluid conduit with the internal chamber 110 of the mouthpiece. However, when the mount is pivoted to a stowed configuration, such as shown in Fig. 29, the body 154 of the mount engages the tube and collapses or otherwise compresses or crimps the tube to obstruct the fluid conduit, thereby preventing the flow of drink fluid from the fluid container, through the fluid conduit, and out of the mouthpiece, regardless of the configuration of the mouthpiece. As the mount is pivoted from the stowed configuration shown in Fig. 29 to a dispensing configuration, such as the illustrative configuration shown in Fig. 28, the constrictive pressure applied by the body of the mount is correspondingly reduced, and a fluid flow path through the fluid conduit is reestablished.

Industrial Applicability

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

5 It is believed that the disclosure set forth above encompasses multiple distinct inventions with independent utility. While each of these inventions has been disclosed in its preferred form, the specific embodiments thereof as disclosed and illustrated herein are not to be considered in a limiting sense as numerous variations are possible. The subject matter of the inventions includes all novel and non-obvious combinations and subcombinations of the various elements, features,
10 functions and/or properties disclosed herein. Similarly, where the claims recite “a” or “a first” element or the equivalent thereof, such claims should be understood to include incorporation of one or more such elements, neither requiring nor excluding two or more such elements.

 It is believed that the following claims particularly point out certain combinations and subcombinations that are directed to one of the disclosed inventions and are novel and non-
15 obvious. Inventions embodied in other combinations and subcombinations of features, functions, elements and/or properties may be claimed through amendment of the present claims or presentation of new claims in this or a related application. Such amended or 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
20 included within the subject matter of the inventions of the present disclosure.

Claims

1. A drink container, comprising:

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

a cap assembly removably coupled to the fluid container to cover the opening, wherein the cap assembly defines a fluid conduit for drink fluid to flow from the fluid container and through the cap assembly to a user, wherein the fluid conduit includes an inlet through which drink fluid from the fluid container may enter the fluid conduit, and a dispensing outlet through which drink fluid in the fluid conduit may be dispensed from the cap assembly to a user, and further wherein the cap assembly comprises:

a cap assembly base removably coupled to the neck of the fluid container, wherein the cap assembly base is configured to be selectively and repeatedly decoupled from and re-coupled to the neck of the fluid container;

a pivotal mount coupled to the cap assembly base for pivotal movement relative to the cap assembly base;

a resilient mouthpiece coupled to the pivotal mount for pivotal movement with the pivotal mount relative to the cap assembly base; wherein the resilient mouthpiece defines a portion of the fluid conduit, including the dispensing outlet; wherein the resilient mouthpiece and the pivotal mount are configured to be selectively pivoted between a stowed position and a dispensing position, and further in the dispensing position, the dispensing outlet is positioned further away from the cap assembly base than when the resilient mouthpiece and the pivotal mount are in the stowed position; wherein the resilient mouthpiece is adapted to resiliently

compress responsive to compressive forces applied to the resilient mouthpiece by a user's teeth;
and

a manual on/off valve having a closed configuration, in which the manual on/off valve obstructs the fluid conduit to restrict drink fluid from flowing between the inlet and the dispensing outlet, and an open configuration, in which the manual on/off valve permits drink fluid to flow through the fluid conduit from the inlet to the dispensing outlet; wherein the manual on/off valve includes a flexible tube that defines a portion of the fluid conduit; wherein when the manual on/off valve is in the closed configuration, the tube is crimped to obstruct the flow of drink fluid through the fluid conduit; and wherein when the manual on/off valve is in the open configuration, the tube is not crimped and does not obstruct the flow of drink fluid through the fluid conduit.

2. The drink container of claim 1, wherein the pivotal mount includes a pair of lateral projections, wherein the cap assembly base defines a pair of sockets into which the pair of lateral projections extend, and wherein the resilient mouthpiece is pivotal about an axis defined by the pair of lateral projections as the pair of lateral projections rotate within the pair of sockets.

3. The drink container of claim 2, wherein the cap assembly base further comprises a handle that extends from the cap assembly base, and further wherein the handle is secured to the cap assembly base in a position that obstructs removal of the pair of lateral projections from the pair of sockets.

4. The drink container of claim 1, wherein the cap assembly includes a pair of lateral guards that extend on opposed sides of the resilient mouthpiece when the resilient mouthpiece and the pivotal mount are in the stowed position, and further wherein the cap assembly includes a dust cover extending between the pair of lateral guards and positioned to protect the dispensing outlet of the resilient mouthpiece by extending across at least a portion of the dispensing outlet of the resilient mouthpiece when the resilient mouthpiece and the pivotal mount are in the stowed position.

5. The drink container of claim 4, wherein when the resilient mouthpiece is pivoted from the stowed position to the dispensing position, the resilient mouthpiece pivots away from the dust cover.

6. The drink container of claim 4, wherein the dust cover projects above an upper surface of the cap assembly base.

7. The drink container of claim 4, wherein the cap assembly further includes a handle that extends from the cap assembly base and includes the pair of lateral guards and the dust cover.

8. The drink container of claim 1, wherein the cap assembly further comprises a handle that extends in a fixed orientation from the cap assembly base and which defines at least a portion of a closed loop with an aperture through which a user's finger may be inserted to carry the drink container.

9. The drink container of claim 1, wherein the resilient mouthpiece is permanently secured to the pivotal mount.

10. The drink container of claim 1, wherein the resilient mouthpiece includes projections that extend generally transverse to the portion of the fluid conduit that extends through the resilient mouthpiece, and further wherein the projections engage an end region of the pivotal mount.

11. The drink container of claim 10, wherein the projections are internal projections.

12. The drink container of claim 1, wherein the resilient mouthpiece is configured to be selectively removed from and recoupled to the pivotal mount.

13. The drink container of claim 12, wherein the resilient mouthpiece includes a mouthpiece base with an end distal the dispensing outlet that has a contoured configuration that does not extend at a constant distance from the dispensing outlet, wherein the end of the resilient mouthpiece base includes a projecting region and a concave region, wherein the projecting region of the end of the mouthpiece base extends a greater distance away from the dispensing outlet than the concave region of the end of the mouthpiece base, and further wherein the pivotal mount is configured to engage the projecting region and the concave region of the mouthpiece base to restrict rotation of the resilient mouthpiece relative to the pivotal mount.

14. The drink container of claim 1, wherein the resilient mouthpiece includes a dispensing face, and further wherein the dispensing outlet extends through the dispensing face of the resilient mouthpiece.

15. The drink container of claim 14, wherein the dispensing outlet is defined by a slit that extends through the dispensing face of the resilient mouthpiece.

16. The drink container of claim 1, wherein the resilient mouthpiece includes a dispensing face that defines the dispensing outlet, wherein the resilient mouthpiece includes opposed bite regions, wherein the dispensing face includes opposed lips between which the dispensing outlet is defined, and further wherein when a user applies compressive forces to the opposed bite regions, the lips are urged away from each other to enlarge the dispensing outlet.

17. The drink container of claim 16, wherein the opposed lips seal against each other when the opposed bite regions are not urged toward each other.

18. The drink container of claim 1, wherein the pivotal mount further includes a projecting flange that extends away from a portion of the fluid conduit that extends through the pivotal mount, wherein the projecting flange provides a lever arm that is configured to be engaged by a user's finger to pivot the pivotal mount from the stowed position to the dispensing position.

19. The drink container of claim 1, wherein the pivotal mount is adapted to selectively engage the flexible tube to apply crimping forces thereto and thereby configure the manual on/off valve to the closed configuration as the pivotal mount is pivoted from the dispensing position to the stowed position.

20. The drink container of claim 1, wherein the flexible tube is secured to the pivotal mount.

Abstract of the Disclosure

Drink bottles, or drink containers with cap assemblies that include a drink spout. In some embodiments, the drink spout is pivotally coupled to a base of the cap assembly. In some embodiments, the drink spouts include mouthpieces, including self-sealing and/or bite-actuated
5 mouthpieces. In some embodiments, the cap assembly includes a handle, which may include at least one guard for the drink spout and/or mouthpiece. In some embodiments, the drink containers include a manual on/off valve. In some embodiments, the dispensing spout includes a mount for the mouthpiece and/or cooperates with the cap to provide a manual on/off valve to selectively restrict flow of drink fluid from the drink container regardless of the drink spout's
10 and/or mouthpiece's configuration. In some embodiments, the drink containers include a drink tube extending from external of the drink containers and/or an air return system.

Fig. 1

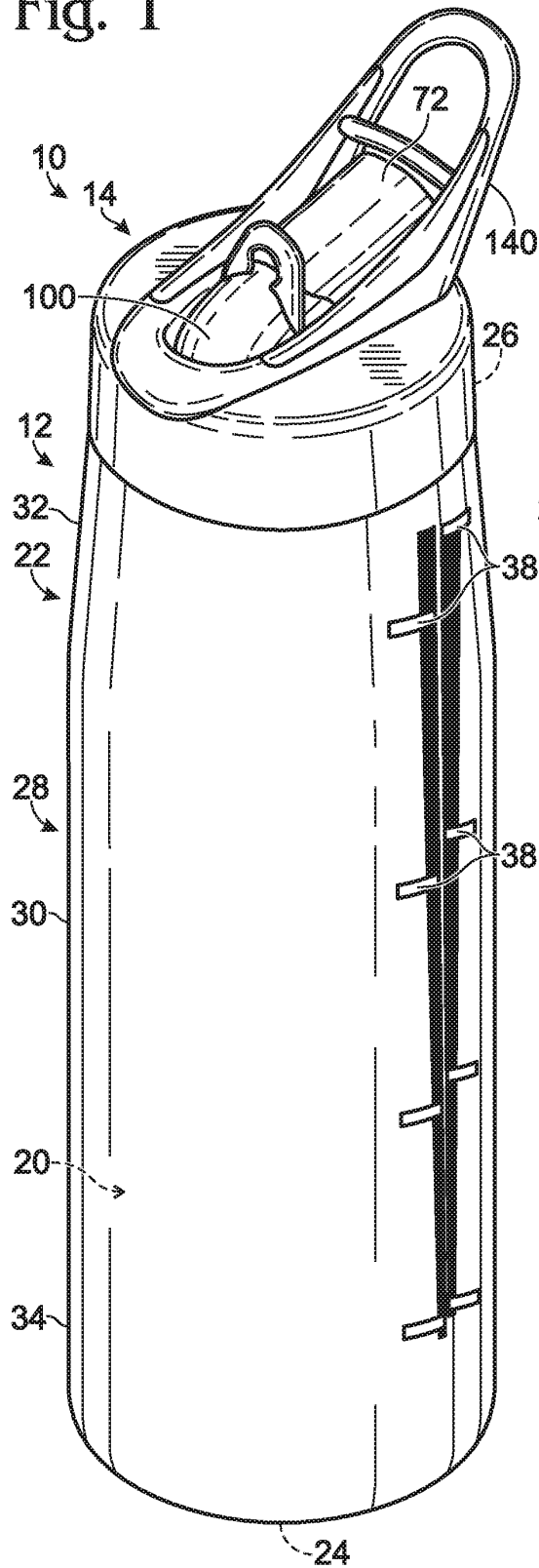
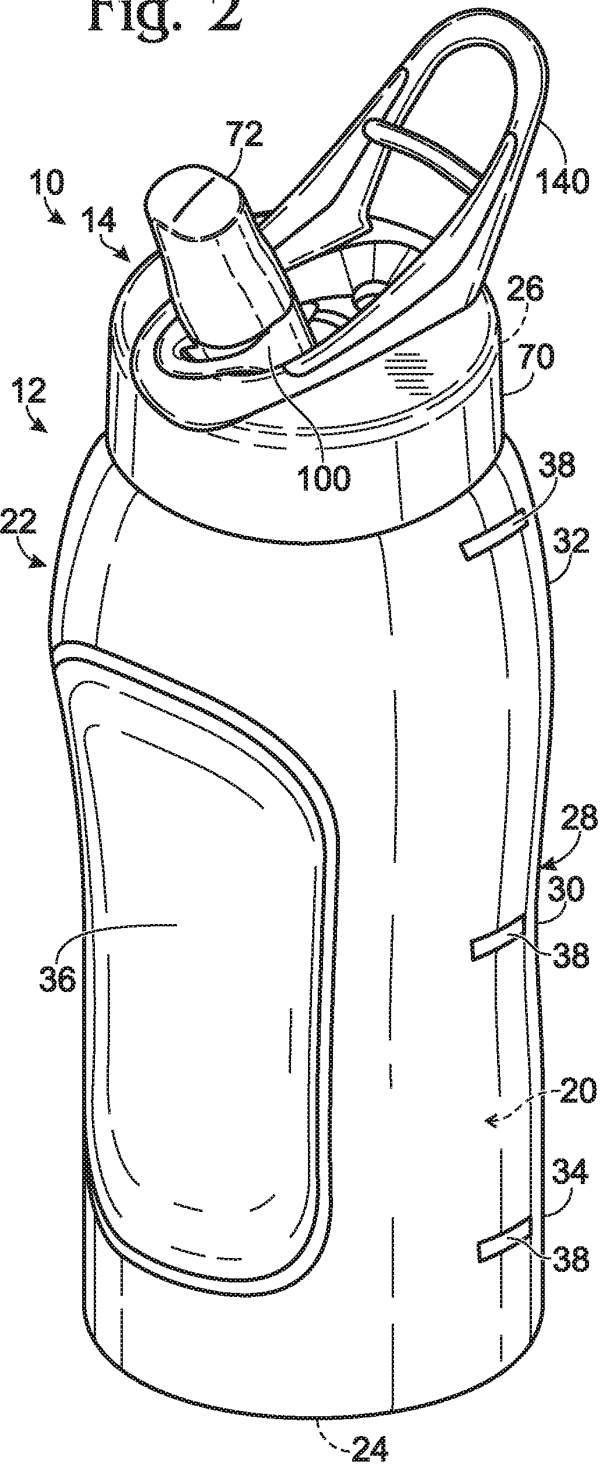


Fig. 2



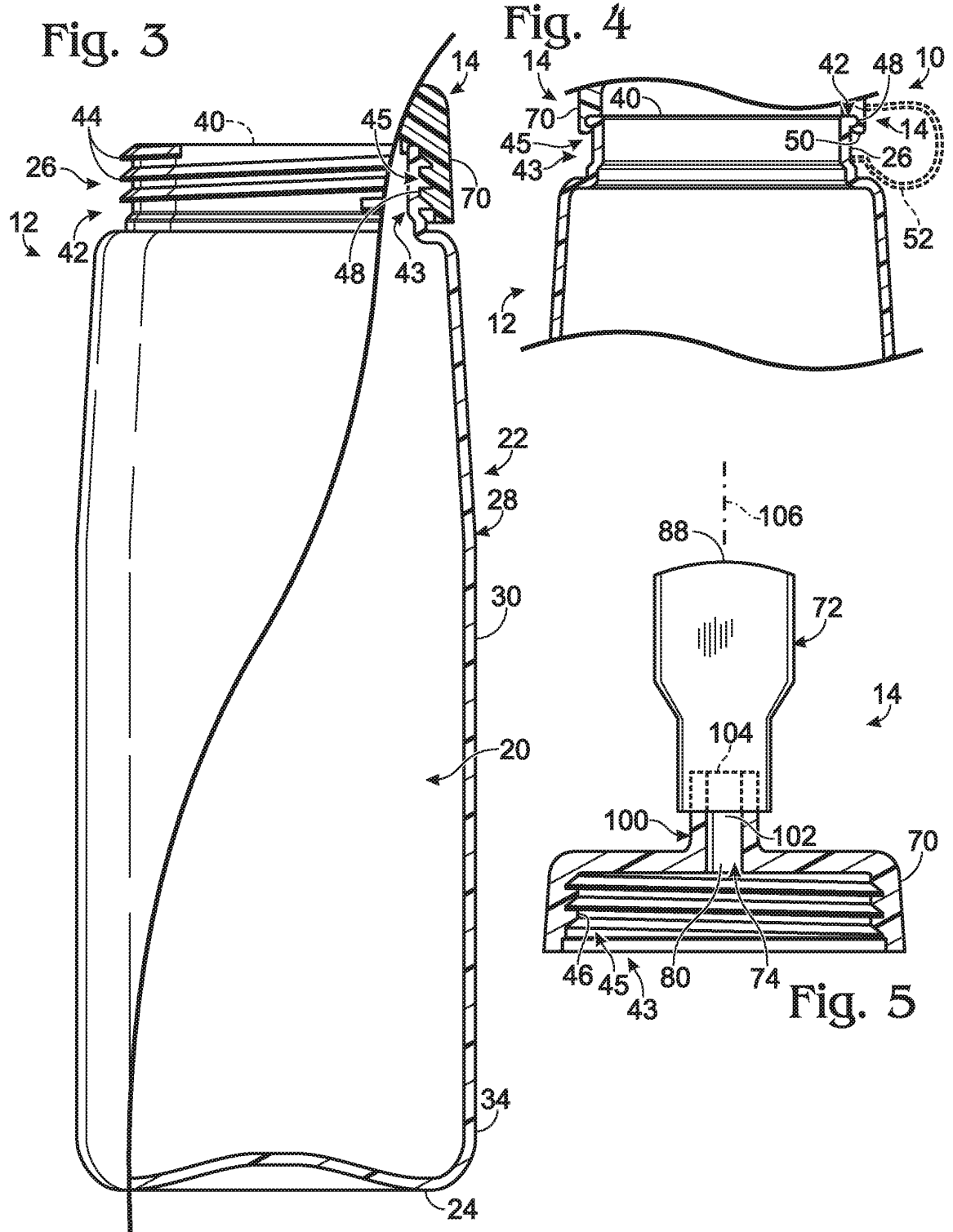




Fig. 10

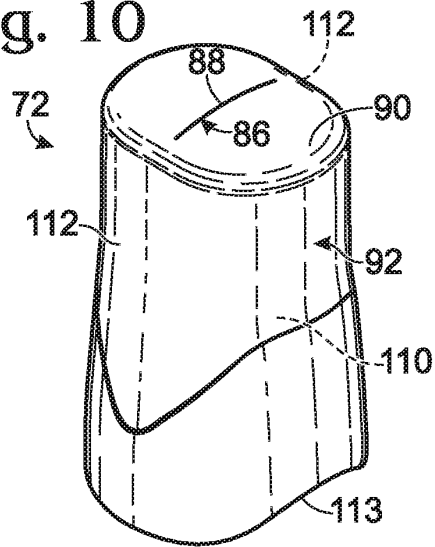


Fig. 11

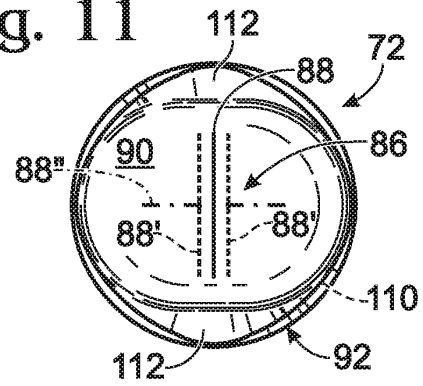


Fig. 12

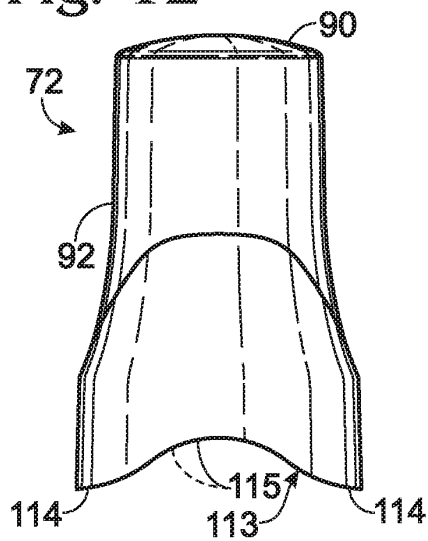


Fig. 13

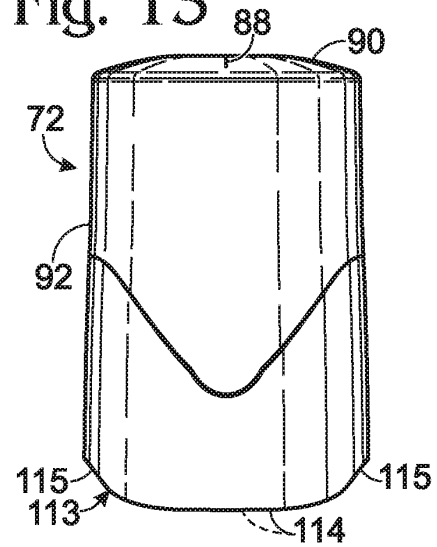


Fig. 14

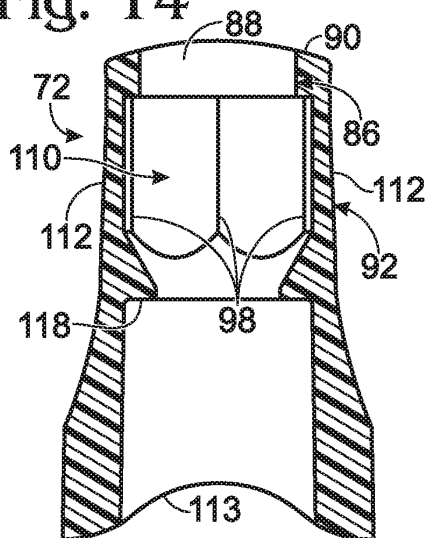


Fig. 15

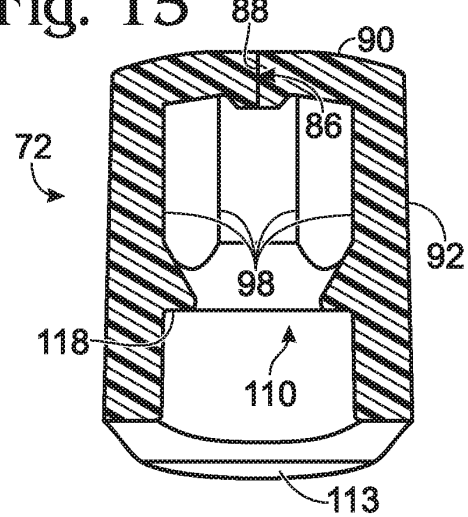


Fig. 16

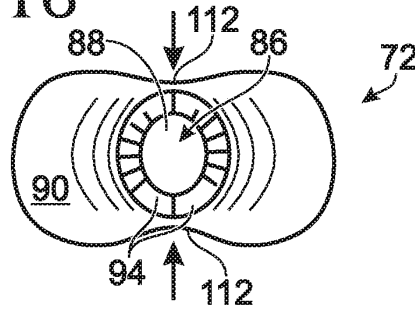


Fig. 17

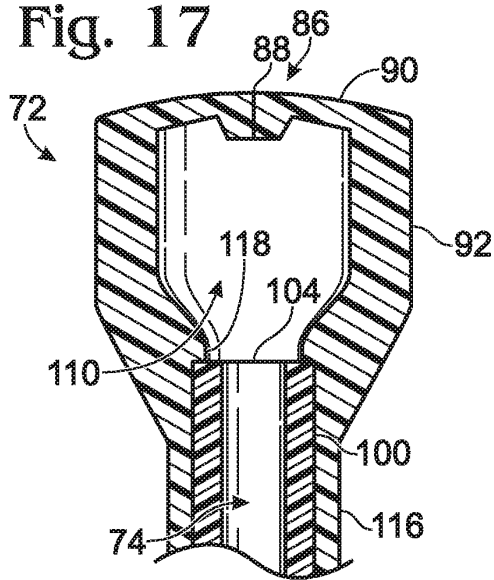


Fig. 18

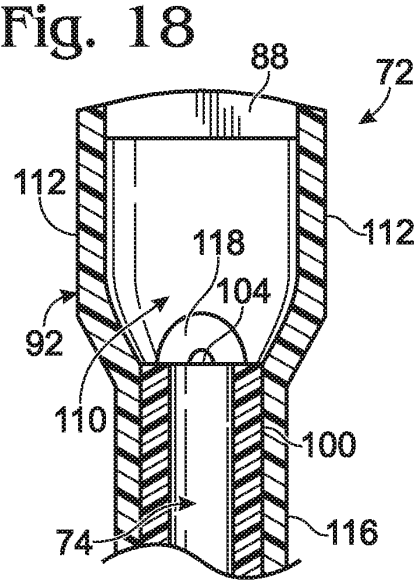


Fig. 19

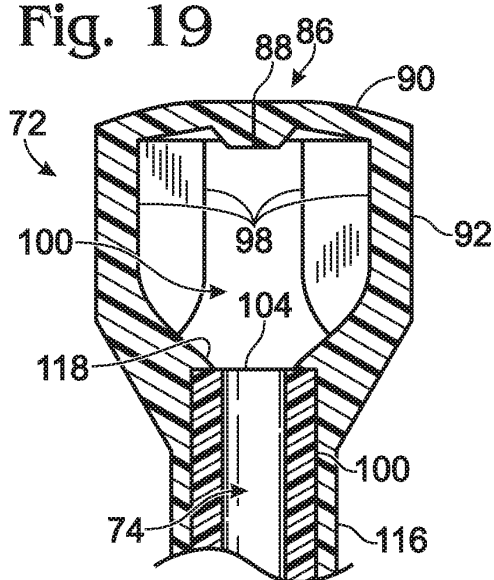


Fig. 20

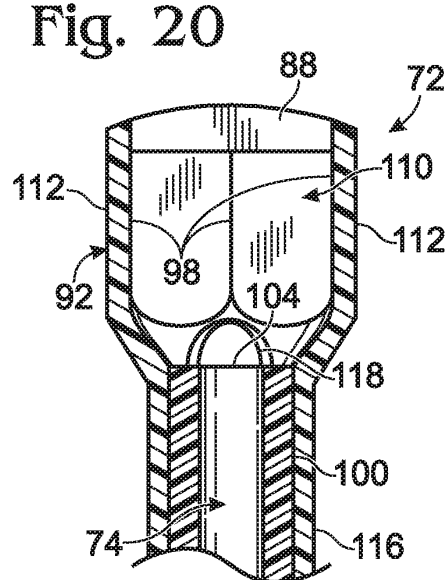


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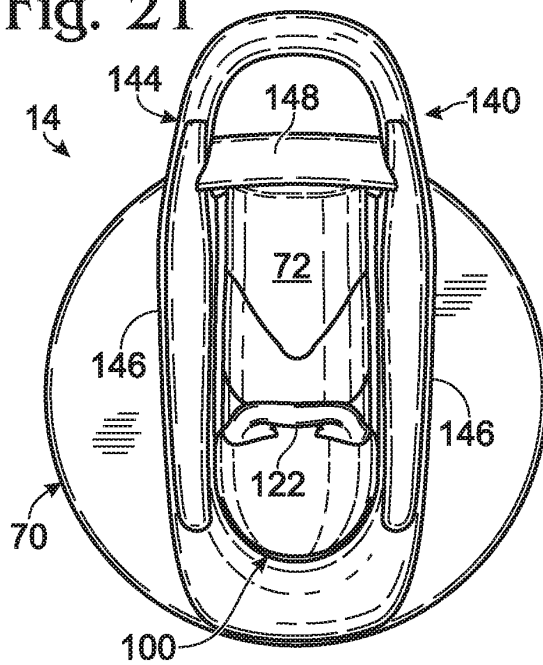


Fig. 22

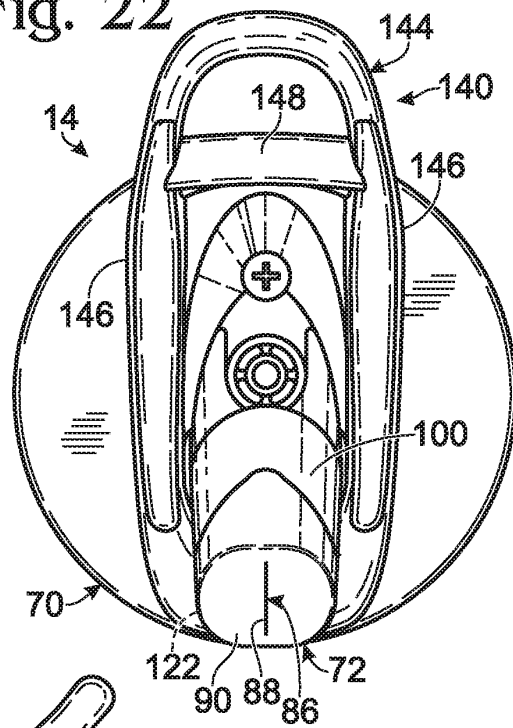


Fig. 23

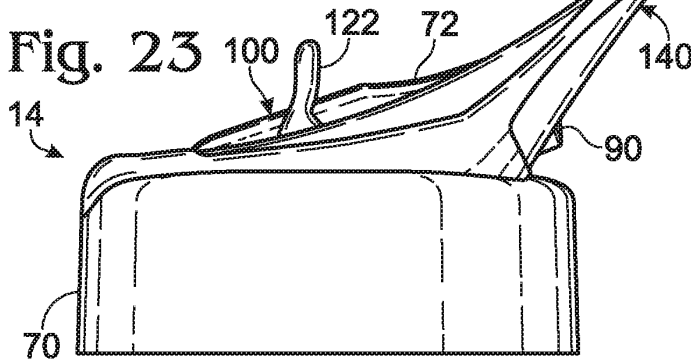
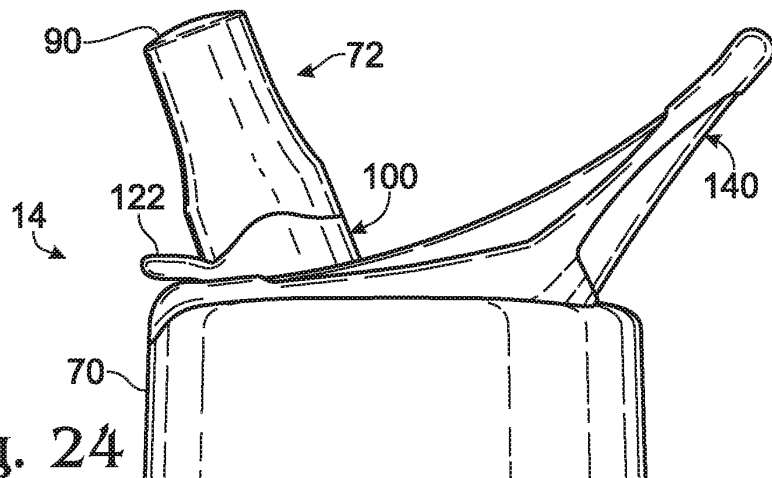
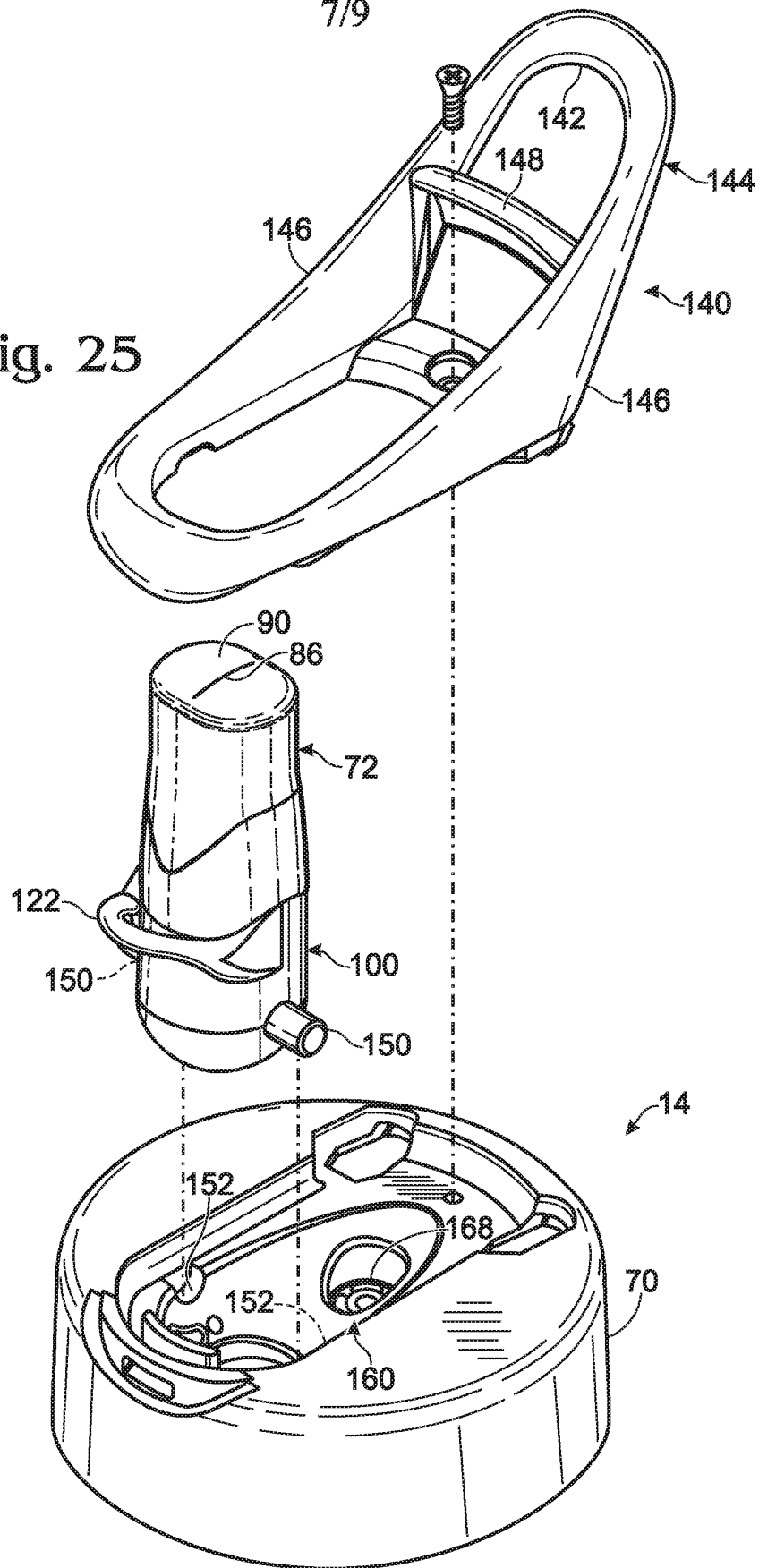


Fig. 24



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Fig. 25



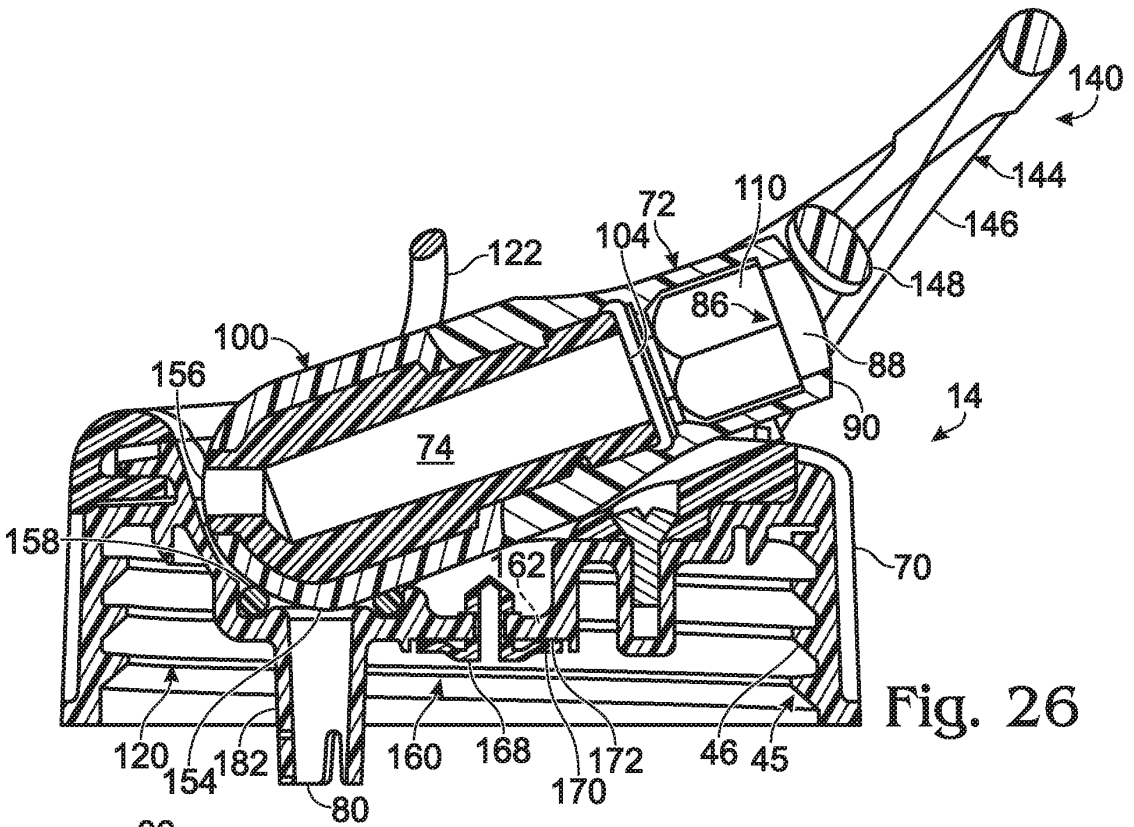


Fig. 26

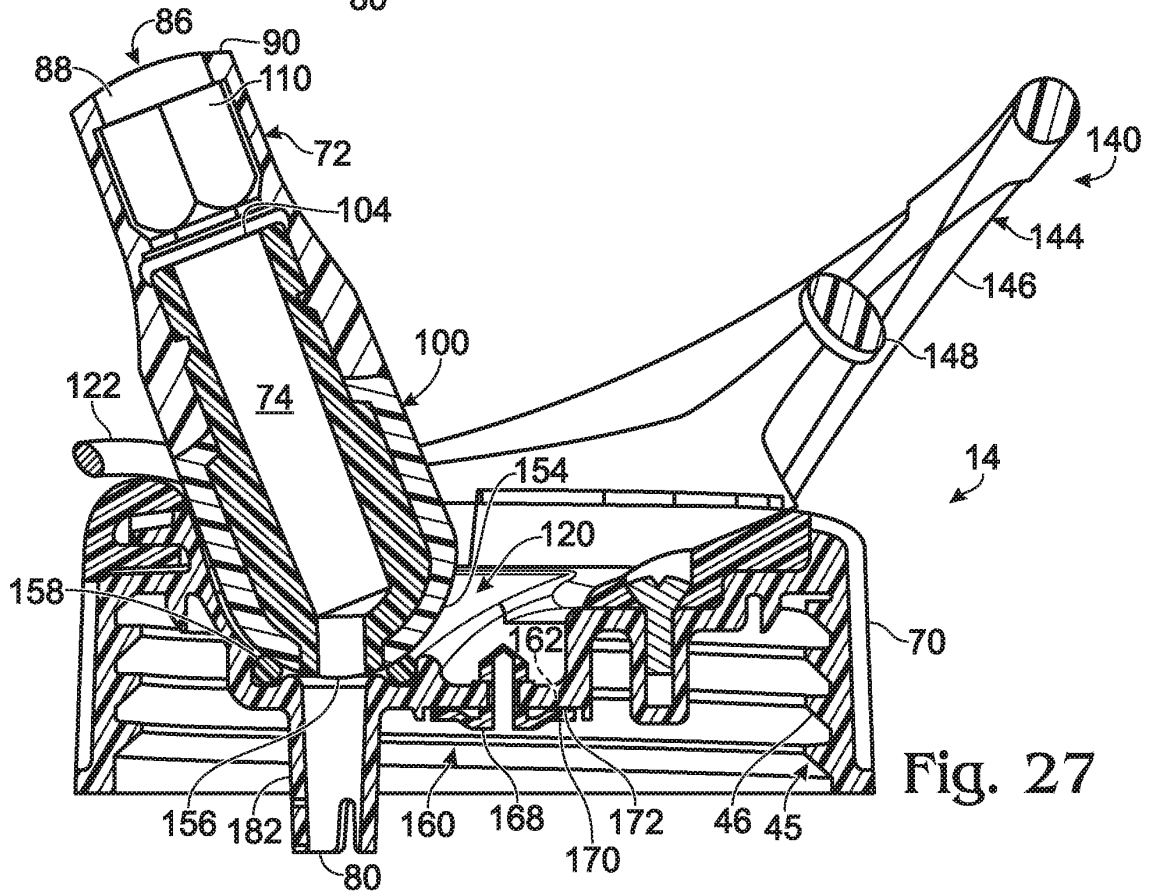


Fig. 27

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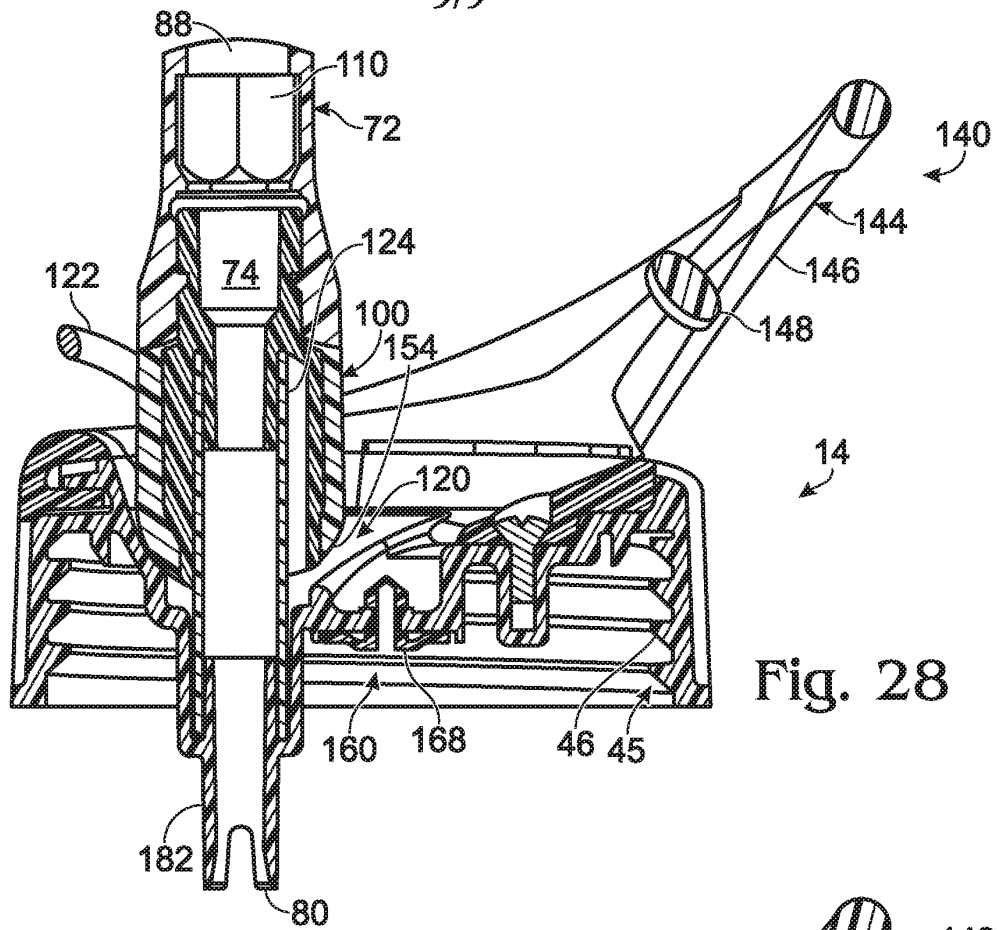


Fig. 28

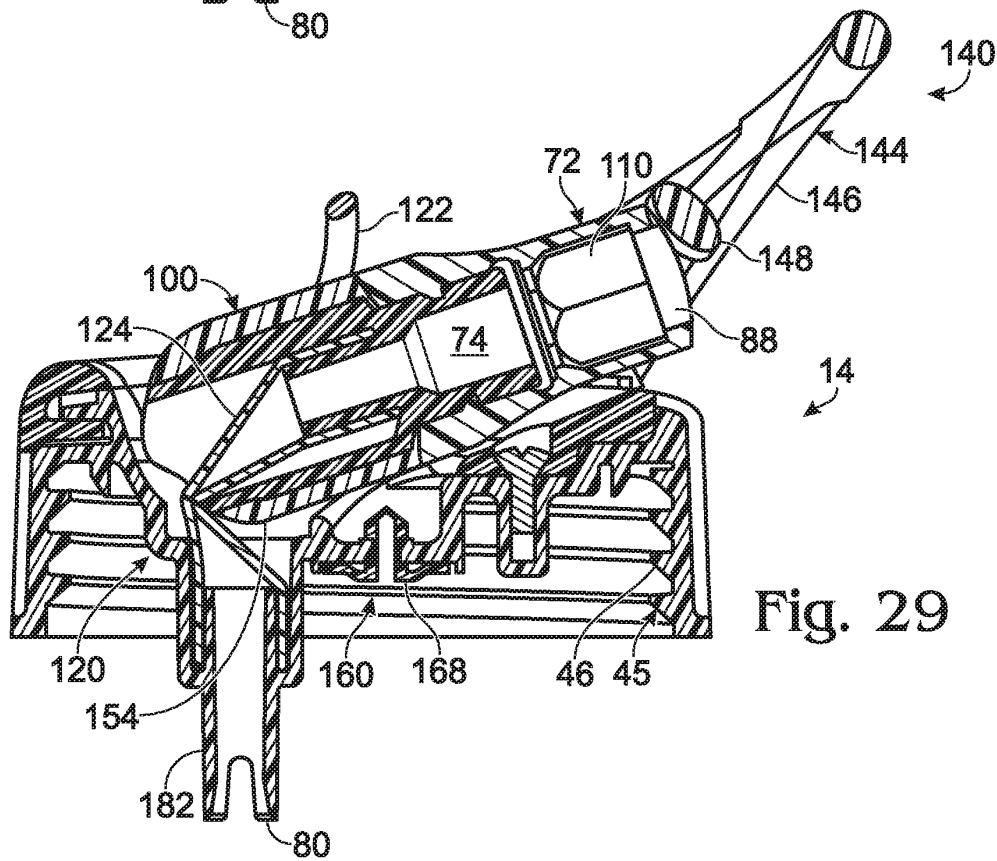


Fig. 29

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Date: July 13, 2018

Atty. Docket No.: KRN 330E

In re Application of:
CAMELBAK PRODUCTS, LLC

Inventors : Robert CHOI, Barley A. FORSMAN, and Jeremy GALTEN

Serial No. : Not yet assigned.

Filed : July 13, 2018

For : DRINK BOTTLES

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

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.56, 1.97, and 1.98

Applicant is submitting this Information Disclosure Statement pursuant to 37 C.F.R. §§ 1.56, 1.97, and 1.98 to disclose to the U.S. Patent and Trademark Office the patents, publications, applications, and/or other references listed on the enclosed, completed PTO-1449 forms. The filing of this Information Disclosure Statement should not be construed as a representation that a search has been made or as an admission that the listed references are prior art for this application. Applicant respectfully requests that the listed references be expressly considered during prosecution of the application, and that the references be made of record therein and appear among the “references cited” on any patents issuing therefrom.

CONTENT OF DISCLOSURE

This Information Disclosure Statement includes ten pages of PTO-1449 forms; however, it does not include copies of the references listed on the forms, as permitted under

37 C.F.R. § 1.98(d), because copies already were provided in an earlier U.S. application (Serial No. 15/287,915), or a priority application thereto, that is relied upon here for an earlier effective filing date under 35 U.S.C. § 120.

FOREIGN LANGUAGE REFERENCES

For each foreign document for which there is no English translation, an English language abstract is already of record in the previously cited patents and applications identified above.

TIMING OF DISCLOSURE/FEE INFORMATION

This Information Disclosure Statement is being filed with the application, or with a Request for Continued Examination of the application under 37 C.F.R. § 1.114. Therefore, in accordance with 37 C.F.R. § 1.97(b), no fee or statement under 37 C.F.R. § 1.97(e) is required.

Please contact the undersigned with any questions or comments regarding this Information Disclosure Statement.

CERTIFICATE OF E-FILING

I hereby certify that this correspondence and the accompanying PTO-1449 forms are being transmitted electronically via the United States Patent and Trademark Office's EFS-Web System on July 13, 2018.



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Respectfully submitted,

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