



US0D1015881S

(12) **United States Design Patent**
Cataudella et al.

(10) **Patent No.:** **US D1,015,881 S**

(45) **Date of Patent:** **** Feb. 27, 2024**

(54) **AEROSOL FOAM DISPENSER**
(71) Applicant: **The Procter & Gamble Company**,
Cincinnati, OH (US)

(72) Inventors: **Matthew Corey Cataudella**, West
Chester, OH (US); **Graham Clive
Hufton**, New York, NY (US)

(73) Assignee: **The Procter & Gamble Company**,
Cincinnati, OH (US)

(**) Term: **15 Years**

(21) Appl. No.: **29/781,997**

(22) Filed: **May 3, 2021**

(51) **LOC (14) Cl.** **09-01**

(52) **U.S. Cl.**

USPC **D9/503; D9/504; D9/522; D9/529**

(58) **Field of Classification Search**

USPC **D9/682-694, 529, 560, 575, 500, 501,**
D9/503, 504, 522, 549, 558, 737-747,
D9/652, 600, 530, 542, 543, 562,
D9/572-574, 730-732, 723-729;
D3/202, 270, 271.1-271.4, 203.2, 265;
D24/197; D28/76, 77, 7; D4/114;
D23/213, 223, 225; D7/316

CPC **B05B 11/0038; B05B 11/0054; B65D**
2543/00092

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

153,759 A 8/1874 Blatt
160,098 A 2/1875 Hoyle et al.
D139,381 S * 11/1944 Harris D9/504
D208,735 S * 9/1967 Rahn D9/689
D231,087 S * 4/1974 Edwards D9/503
D237,853 S * 12/1975 Katz D9/500
D240,112 S 6/1976 O'Neil et al.

D240,711 S * 7/1976 Angleman D9/504
4,019,657 A 4/1977 Spitzer et al.
4,174,386 A 11/1979 Marra et al.
D281,228 S * 11/1985 Morgan D9/542
4,991,751 A 2/1991 Naku
D315,292 S 3/1991 Seager
5,226,563 A 7/1993 Coggiola

(Continued)

FOREIGN PATENT DOCUMENTS

DE 102011089430 A1 8/2012
EP 1557160 A1 7/2005

(Continued)

OTHER PUBLICATIONS

All Office Actions; U.S. Appl. No. 17/734,188, filed May 2, 2022.

(Continued)

Primary Examiner — Brett Miller

Assistant Examiner — Rani J Abdallah

(74) *Attorney, Agent, or Firm* — Jay A. Krebs; Alexandra
S. Anoff

(57)

CLAIM

The ornamental design for an aerosol foam dispenser, as
shown and described.

DESCRIPTION

FIG. 1 is a perspective view of an aerosol foam dispenser,
embodying our new design;

FIG. 2 is a front view of the bottle of FIG. 1;

FIG. 3 is a first side view of the bottle of FIG. 1;

FIG. 4 is a back view of the bottle of FIG. 1;

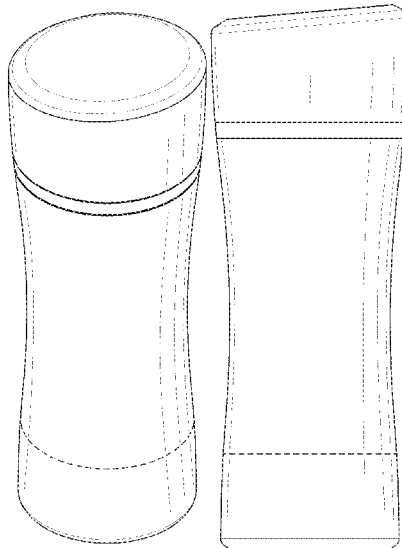
FIG. 5 is a second side view of the bottle of FIG. 1;

FIG. 6 is a top view of the bottle of FIG. 1; and,

FIG. 7 is a bottom view of the bottle of FIG. 1.

The broken lines illustrate structure or features that form no
part of the claimed design.

1 Claim, 4 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D351,337 S 10/1994 Bonnema et al.
 5,618,515 A 4/1997 Singh et al.
 D388,320 S 12/1997 Lamb
 D395,597 S 6/1998 Lamb
 5,813,785 A 9/1998 Baudin et al.
 5,899,623 A 5/1999 De Laforcade
 6,032,836 A 3/2000 Hiscocks et al.
 D422,902 S * 4/2000 Kikuchi D9/504
 D437,548 S 2/2001 Desgrippes et al.
 D445,337 S * 7/2001 Croft D9/530
 D447,057 S * 8/2001 Bezek D9/504
 D447,693 S * 9/2001 Warner D9/574
 D448,281 S 9/2001 Thibiant et al.
 D452,823 S * 1/2002 Bezek D9/503
 D501,133 S 1/2005 Schuller et al.
 D535,563 S * 1/2007 Martin D9/500
 D536,220 S * 2/2007 Sandberg D9/504
 D538,178 S * 3/2007 Desgrippes D9/691
 D554,505 S * 11/2007 Gilbert D9/503
 D569,253 S * 5/2008 Cracchiolo D9/503
 D582,278 S * 12/2008 Bourne D9/504
 D610,459 S 2/2010 Nagata
 D616,261 S * 5/2010 Lundstrom D9/504
 D616,262 S * 5/2010 Lundstrom D9/504
 D627,603 S * 11/2010 Eyal D9/504
 7,905,673 B2 3/2011 Swaile et al.
 D639,166 S * 6/2011 Carreno D9/504
 D639,660 S * 6/2011 Carreno D9/504
 D639,662 S * 6/2011 Riguzzi D9/504
 D640,136 S * 6/2011 Liba D9/529
 D642,852 S * 8/2011 Sheppard D7/316
 D647,802 S * 11/2011 Bunce D9/504
 D653,112 S * 1/2012 White D9/529
 8,119,109 B2 2/2012 Tamarkin et al.
 D666,912 S * 9/2012 Kawai D9/504
 D671,836 S * 12/2012 DeMarco D9/503
 D687,711 S * 8/2013 DeMarco D9/504
 D700,060 S 2/2014 Trevisan
 D714,162 S * 9/2014 Kang D9/504
 D717,654 S * 11/2014 Aular D9/504
 D739,251 S 9/2015 Kawai
 D746,691 S * 1/2016 Uchida D9/504
 9,296,550 B2 3/2016 Smith
 D758,204 S * 6/2016 Hwang D9/504
 D759,501 S * 6/2016 Hwang D9/504
 D786,079 S * 5/2017 Ibáñez D9/558
 D820,110 S 6/2018 Burrowes et al.
 D858,198 S * 9/2019 Hsu D9/504
 10,526,133 B2 1/2020 Zeik et al.

D922,200 S * 6/2021 Dietvorst D9/504
 D934,689 S * 11/2021 Van Den Berg D9/503
 D938,282 S * 12/2021 Scott D9/689
 D951,094 S * 5/2022 Valcke D9/504
 2004/0197295 A1 10/2004 Riedel et al.
 2005/0123494 A1 6/2005 Swaile et al.
 2010/0217176 A1 8/2010 Carrara et al.
 2012/0138699 A1 6/2012 Prischak
 2014/0086848 A1 3/2014 Tamarkin et al.
 2014/0323993 A1 10/2014 Wilcox et al.
 2017/0247170 A1 8/2017 Bilton et al.
 2020/0148459 A1 5/2020 Bartolucci et al.
 2022/0356003 A1* 11/2022 Martin B65D 83/54

FOREIGN PATENT DOCUMENTS

EP 3162356 A1 5/2017
 GB 90038700130001 4/2017
 JP 2010254312 A 11/2010
 WO 03053388 A1 7/2003
 WO 2005048966 A1 6/2005
 WO 2008038140 A2 4/2008
 WO 2012131320 A2 10/2012
 WO D217243002 5/2022
 WO D217243003 5/2022

OTHER PUBLICATIONS

All Office Actions; U.S. Appl. No. 17/734,193, filed May 2, 2022.
 All Office Actions; U.S. Appl. No. 17/735,389, filed May 3, 2022.
 Unpublished U.S. Appl. No. 17/734,188, filed May 2, 2022, to David Frederick Swaile et al.
 Unpublished U.S. Appl. No. 17/734,193, filed May 2, 2022, to David Frederick Swaile et al.
 Unpublished U.S. Appl. No. 17/735,389, filed May 3, 2022, to Matthew John Martin et al.
 All Office Actions, U.S. Appl. No. 29/759,855, filed Nov. 25, 2020. Secret Weightless Dry Spray Antiperspirant for Women; Available online: https://www.amazon.com/Secret-Antiperspirant-Depodorant-Women-Spray/dp/B09NPS16JW/ref=sr_1_2; dated Aug. 8, 2022, 7 pages.
 U.S. Appl. No. 29/759,855, filed Nov. 25, 2020, Matthew Corey Cataudella et al.
 "1,2 Octanediol (Caprylyl Glycol) & 1,2 Hexanediol"—an internet article obtained from the website: <https://www.kumarorganic.net/Company/Blog-details.php?blogcode=KOP201901252CK1U5V5ZB>, 5 pages. (date unknown).
 "Dowsil TM5562 Carbinol Fluid"—a Technical Data Sheet obtained from the website: <https://www.dow.com/en-us/pdp.dowsil-5562-carbinol-fluid.04019849z.html#tech-content>, 3 pages (date unknown).

* cited by examiner

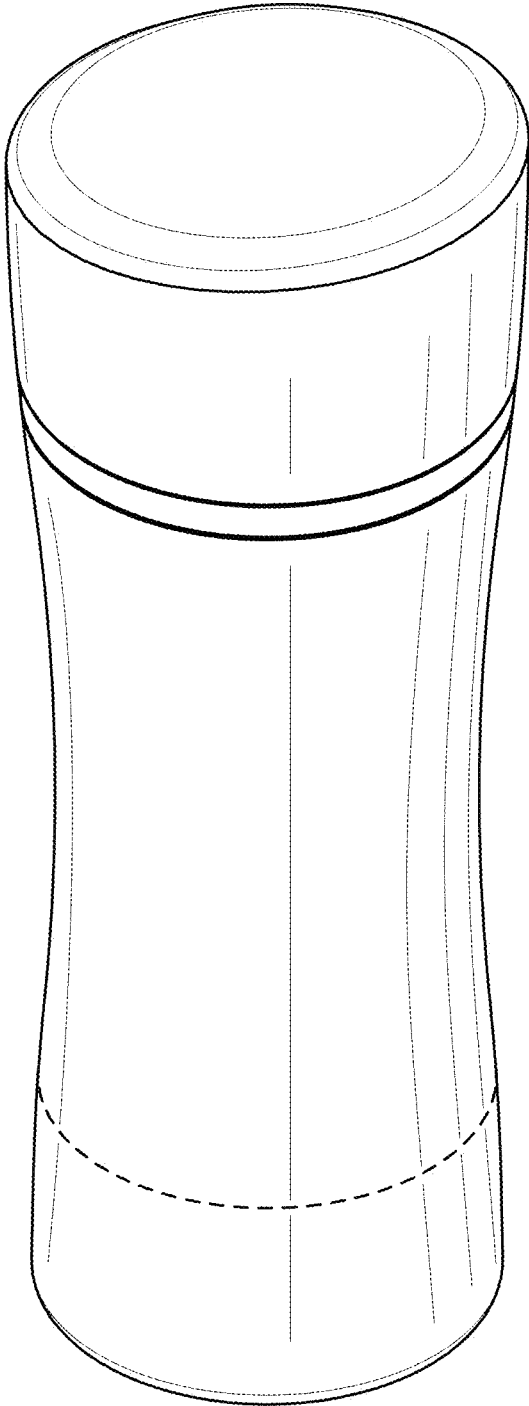


Fig. 1

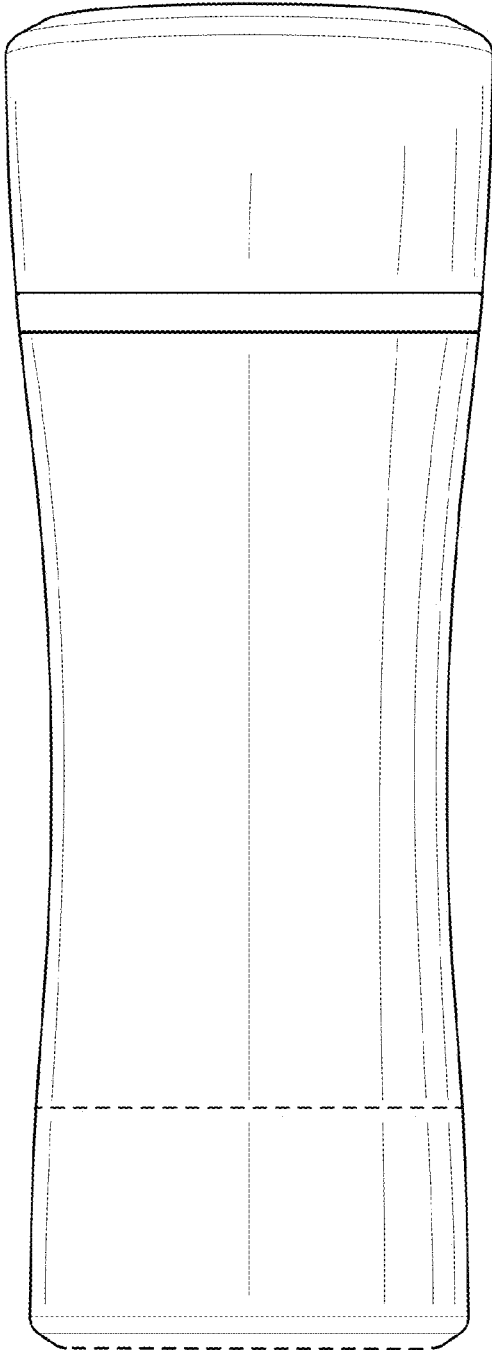


Fig. 2

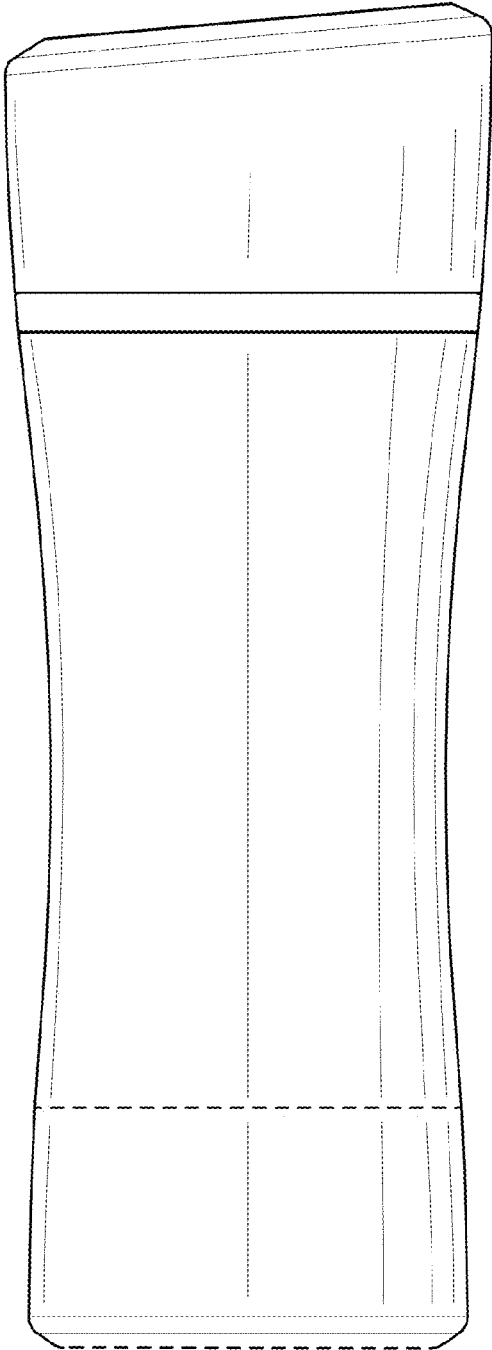


Fig. 3

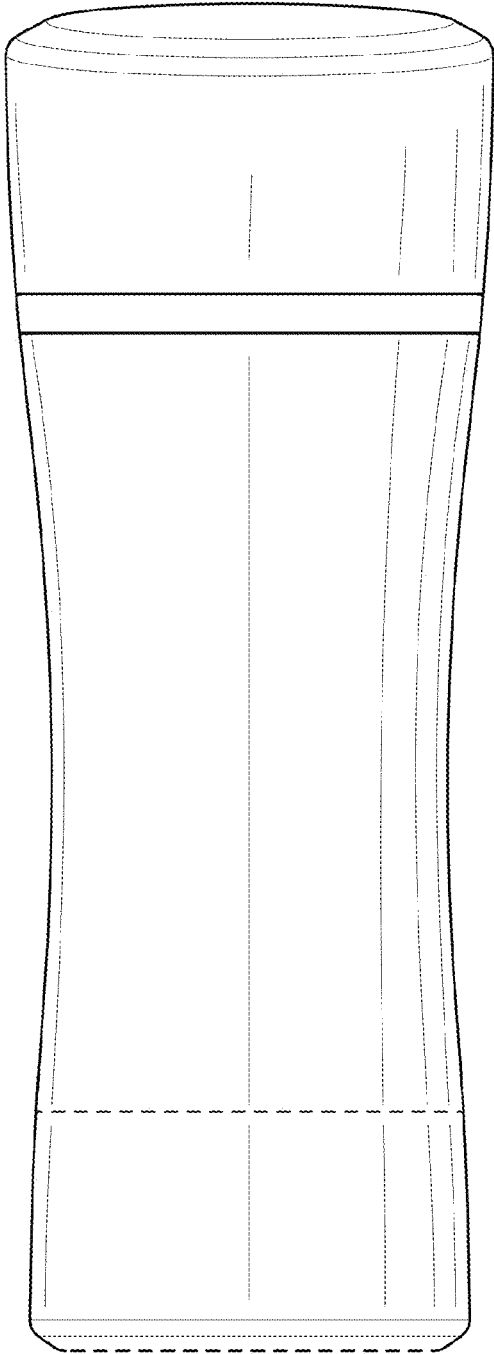


Fig. 4

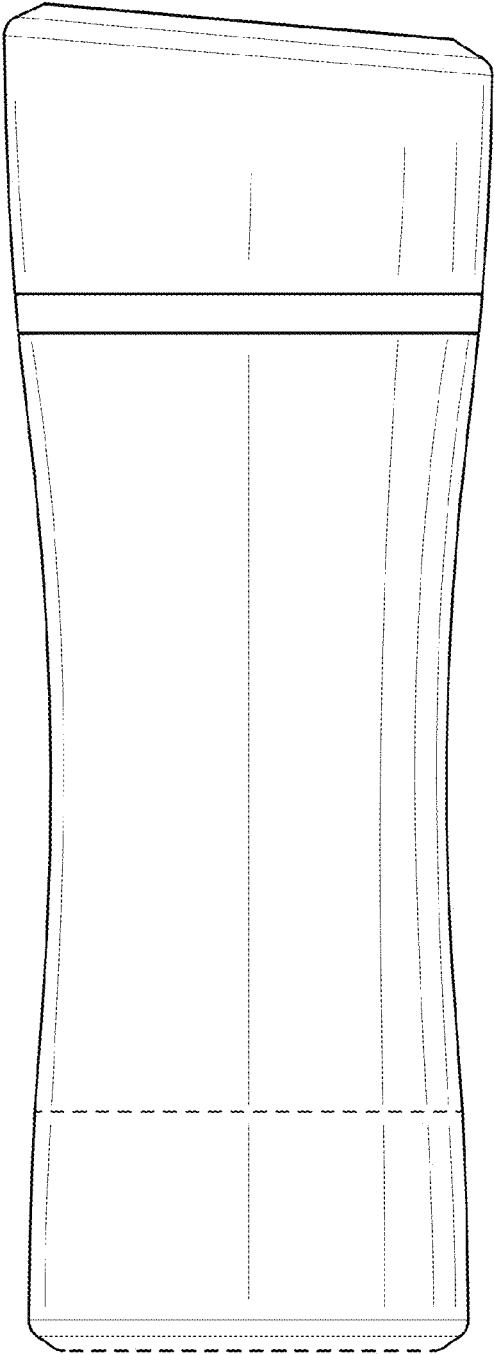


Fig. 5

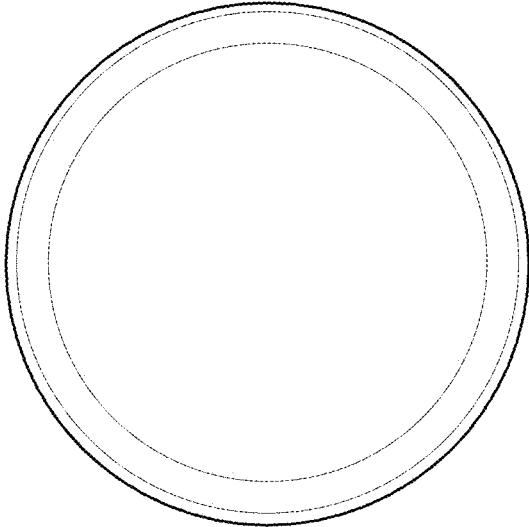


Fig. 6

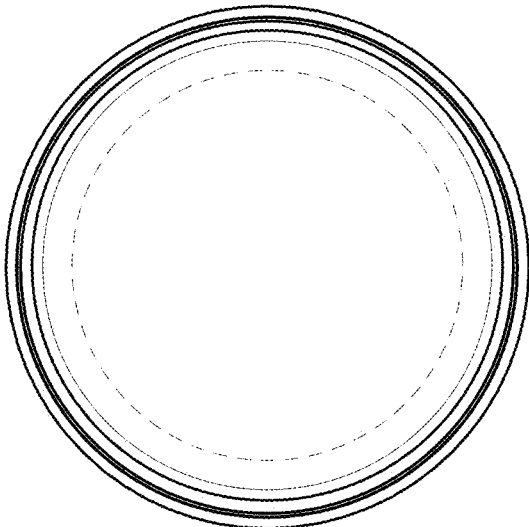


Fig. 7