



US00D777342S

(12) **United States Design Patent** (10) **Patent No.:** **US D777,342 S**  
**Piramoon** (45) **Date of Patent:** **\*\* Jan. 24, 2017**

(54) **CENTRIFUGE BOTTLE HANDLE**  
(71) Applicant: **Fiberlite Centrifuge, LLC**, Santa Clara, CA (US)  
(72) Inventor: **Sina Piramoon**, San Jose, CA (US)  
(73) Assignee: **Fiberlite Centrifuge, LLC**, Santa Clara, CA (US)

3,410,435 A 11/1968 Kopczynski  
3,434,615 A \* 3/1969 Barletta ..... B01L 3/5021  
215/276  
4,364,903 A \* 12/1982 Bittings ..... B01L 3/5082  
422/913  
4,426,295 A \* 1/1984 Evans ..... B01D 29/05  
210/772  
4,469,235 A 9/1984 Parker  
5,184,740 A 2/1993 Mandrell, II et al.  
(Continued)

(\*\*) Term: **14 Years**

FOREIGN PATENT DOCUMENTS

(21) Appl. No.: **29/510,769**

JP 5876154 5/1983

(22) Filed: **Dec. 3, 2014**

OTHER PUBLICATIONS

(51) **LOC (10) Cl.** ..... **24-02**

Thermo Fisher Scientific; Thermo Scientific Fiberlite Carbon Fiber Rotors, product brochure, copyright 2013; 16 pages.

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

USPC ..... **D24/224**

(58) **Field of Classification Search**

USPC ..... D24/216, 219, 222-232, 121; 215/247, 215/230, 305-306, 273, 237, 204, 355, 215/276, 344; 422/300, 297, 500, 509, 422/547-566, 534, 501, 913, 918; D9/741, 520-521, 503, 500, 435, 531, D9/452-453, 443; 210/91, 772; 206/443, 206/446, 528, 438, 557, 562-563, 206/363-365; D23/250, 252; D8/25, 29; D7/392.1, 397-398

*Primary Examiner* — T. Chase Nelson  
*Assistant Examiner* — Mark Cavanna  
(74) *Attorney, Agent, or Firm* — Wood Herron & Evans LLP

CPC .. A61L 2/26; B01L 2300/0816; B01L 3/5021; B01L 3/50825; B01L 3/5082; B01L 3/5085; B01L 3/505; B01L 9/06; B01L 3/5457; B01L 3/502; A47F 5/0025; B65D 85/20; B65D 85/42; B65D 71/72; B65D 47/08; B65D 41/3495; B01D 33/15; B01D 29/05

(57) **CLAIM**

The ornamental design for a centrifuge bottle handle, as shown and described.

See application file for complete search history.

**DESCRIPTION**

FIG. 1 is an isometric view of a centrifuge bottle handle of my new design;  
FIG. 2 is a front elevation view of the centrifuge bottle handle of FIG. 1, the rear view being identical thereto;  
FIG. 3 is a side elevation view of the centrifuge bottle handle of FIG. 1, the other side view being identical thereto and  
FIG. 4 is a top elevation view of the centrifuge bottle handle of FIG. 1; and,  
FIG. 5 is a bottom elevation view of the centrifuge bottle handle of FIG. 1.

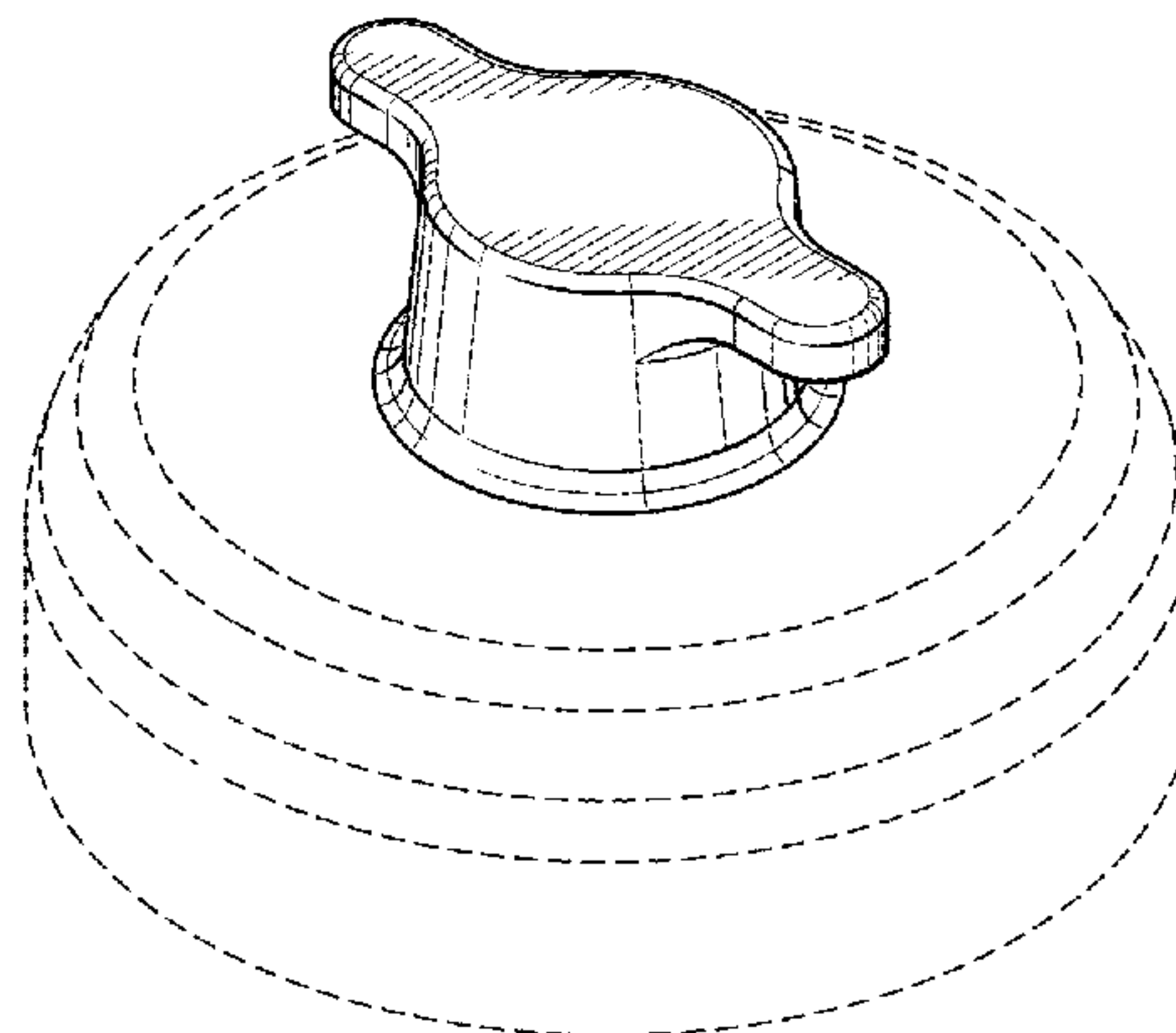
The broken lines shown in FIG. 1 depict environmental structure that forms no part of the claimed design. The

(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,665,602 A 4/1928 Netherland  
2,078,743 A 4/1937 Traum  
2,307,390 A 1/1943 Chew  
2,549,225 A 4/1951 Moy



broken lines in FIG. 5 enclose an unclaimed portion of the design, and also form no part of the claimed design.

**1 Claim, 2 Drawing Sheets**

(56)

**References Cited**

U.S. PATENT DOCUMENTS

D342,448 S \* 12/1993 Ritcey ..... D9/435  
 D351,793 S 10/1994 Stoller  
 D357,730 S \* 4/1995 Saperstein ..... D23/252  
 5,431,305 A 7/1995 Kaminski  
 D367,613 S 3/1996 Weiler  
 D380,387 S \* 7/1997 Weiler ..... D9/520  
 D386,955 S \* 12/1997 Jones ..... D8/25  
 5,704,502 A 1/1998 Greenfield  
 5,899,349 A 5/1999 Moore  
 5,941,404 A 8/1999 Charrette  
 6,062,407 A 5/2000 Moore  
 D434,294 S \* 11/2000 Bernel ..... D8/29  
 6,253,942 B1 7/2001 Elias  
 D462,246 S \* 9/2002 Skeens ..... D8/25  
 6,811,047 B1 11/2004 Hicks et al.  
 D511,457 S 11/2005 Biesecker et al.  
 D513,791 S \* 1/2006 Kosasih ..... D23/252  
 D522,623 S \* 6/2006 Koury ..... D23/252  
 D573,475 S \* 7/2008 Nottingham ..... D9/531

D575,580 S \* 8/2008 Germany ..... D7/392.1  
 D580,522 S \* 11/2008 Zhang ..... D23/250  
 D581,020 S \* 11/2008 Dolan ..... D23/250  
 D582,523 S \* 12/2008 Hanna ..... D23/250  
 D621,705 S \* 8/2010 Breckan ..... D9/452  
 D621,706 S \* 8/2010 Breckan ..... D9/443  
 D621,707 S \* 8/2010 Breckan ..... D9/443  
 D630,043 S \* 1/2011 Taggart ..... D9/443  
 D636,264 S \* 4/2011 Wassum ..... D9/453  
 D640,552 S \* 6/2011 Eiteljorg ..... D9/443  
 D640,553 S \* 6/2011 Eiteljorg ..... D9/443  
 7,988,007 B2 8/2011 Baughman et al.  
 8,002,131 B2 8/2011 Karabin  
 D646,523 S \* 10/2011 Johnson ..... D7/397  
 8,105,556 B2 1/2012 Romanauskas et al.  
 8,132,685 B2 \* 3/2012 Wellman ..... B65D 41/3495  
 215/344  
 D658,437 S \* 5/2012 Johnson ..... D7/398  
 8,215,508 B2 7/2012 Baird et al.  
 8,616,394 B2 12/2013 Kim  
 8,668,098 B2 3/2014 Wand  
 D704,058 S \* 5/2014 Last ..... D9/443  
 D715,147 S \* 10/2014 Ginzburg ..... D9/449  
 D727,726 S \* 4/2015 Friedman ..... D9/443  
 D731,324 S \* 6/2015 Li ..... D9/552  
 9,114,407 B2 \* 8/2015 Kitazawa ..... B01L 3/5021  
 D739,204 S \* 9/2015 Arthurs ..... D8/307  
 D760,574 S \* 7/2016 Arthurs ..... D8/311  
 2010/0308006 A1 12/2010 Walker-Smith  
 2011/0220607 A1 9/2011 Mukunoki

\* cited by examiner

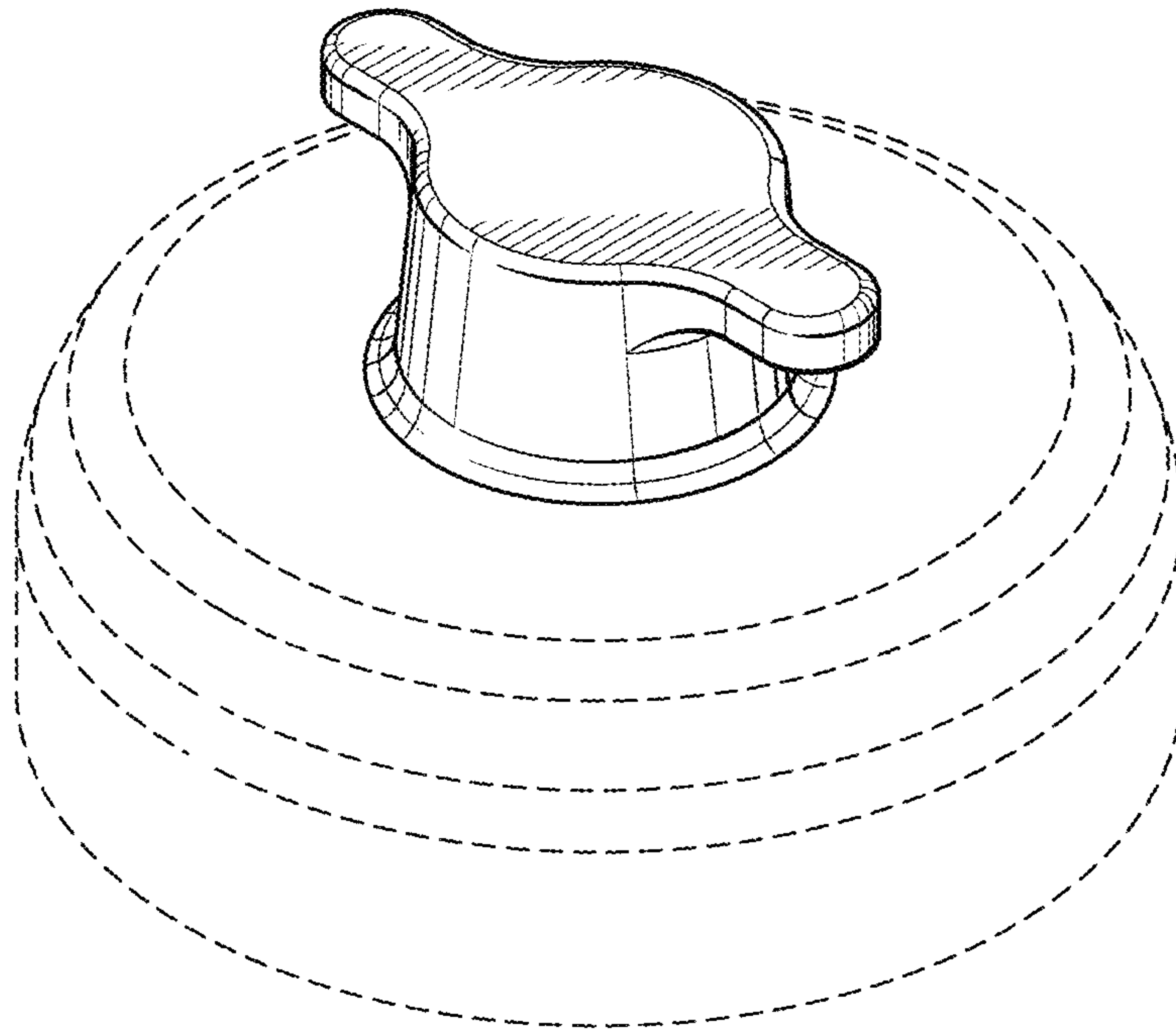


FIG. 1

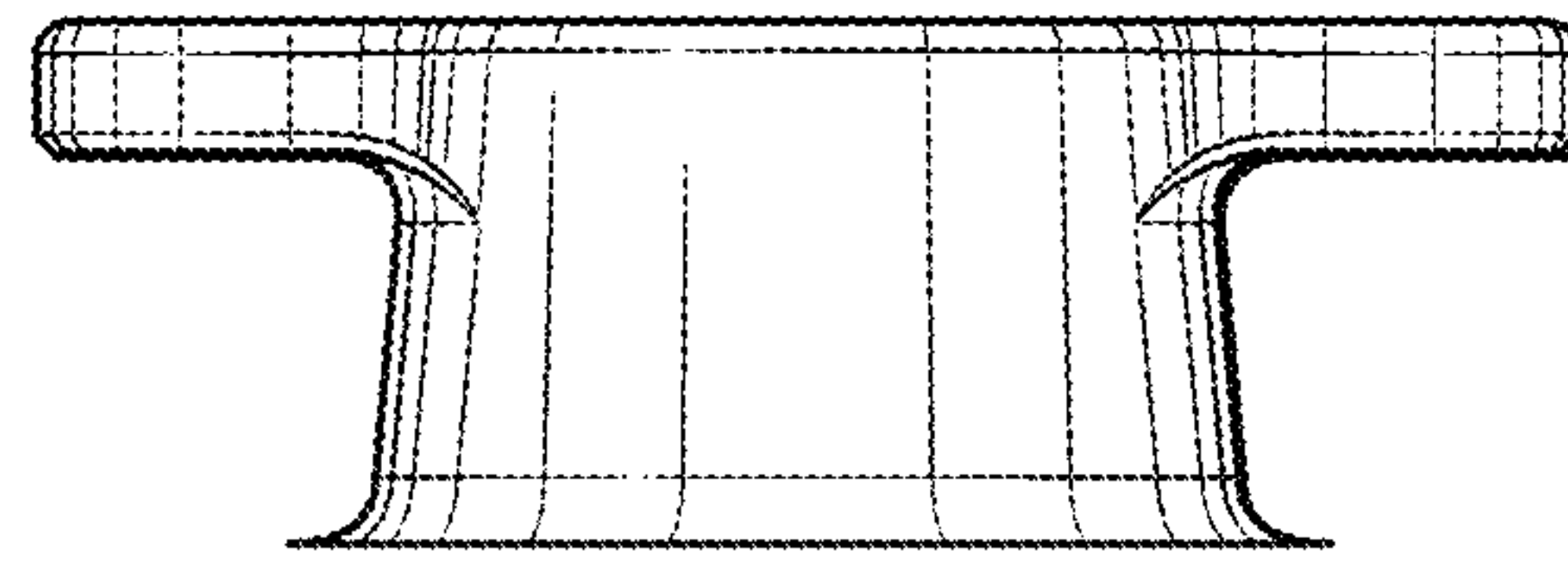


FIG. 2

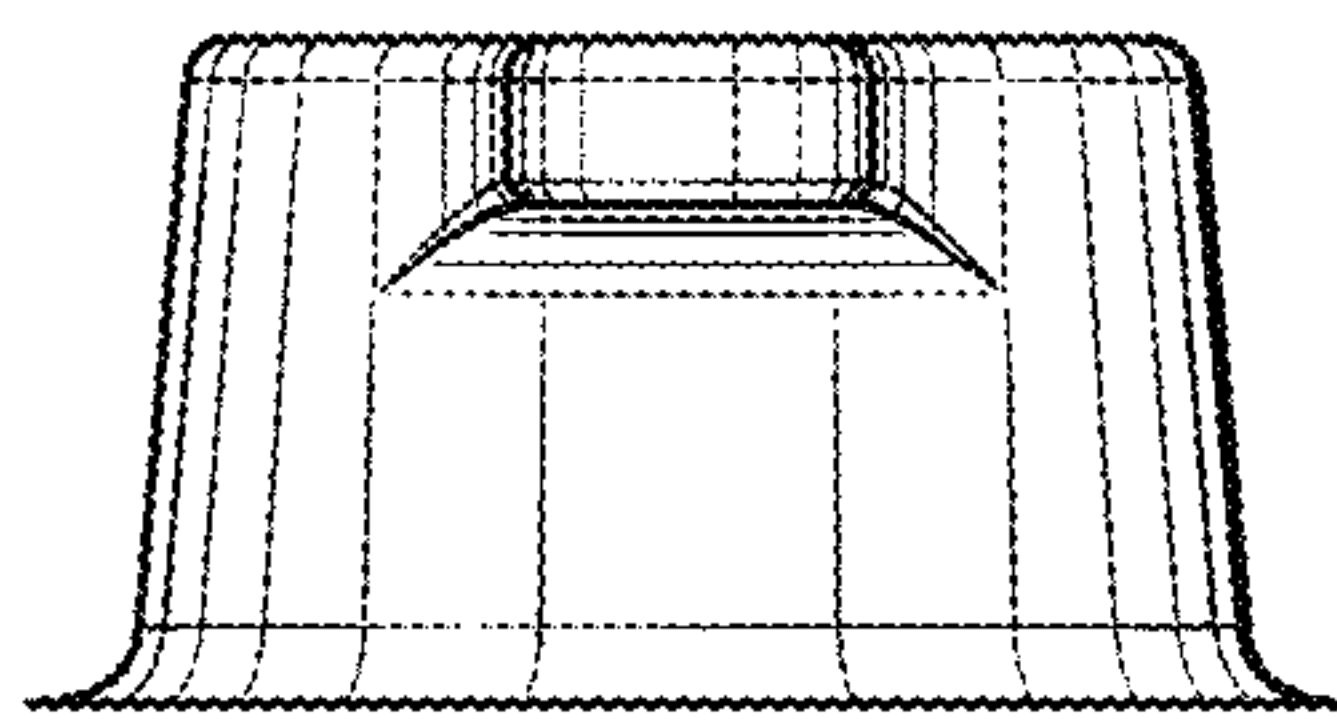


FIG. 3

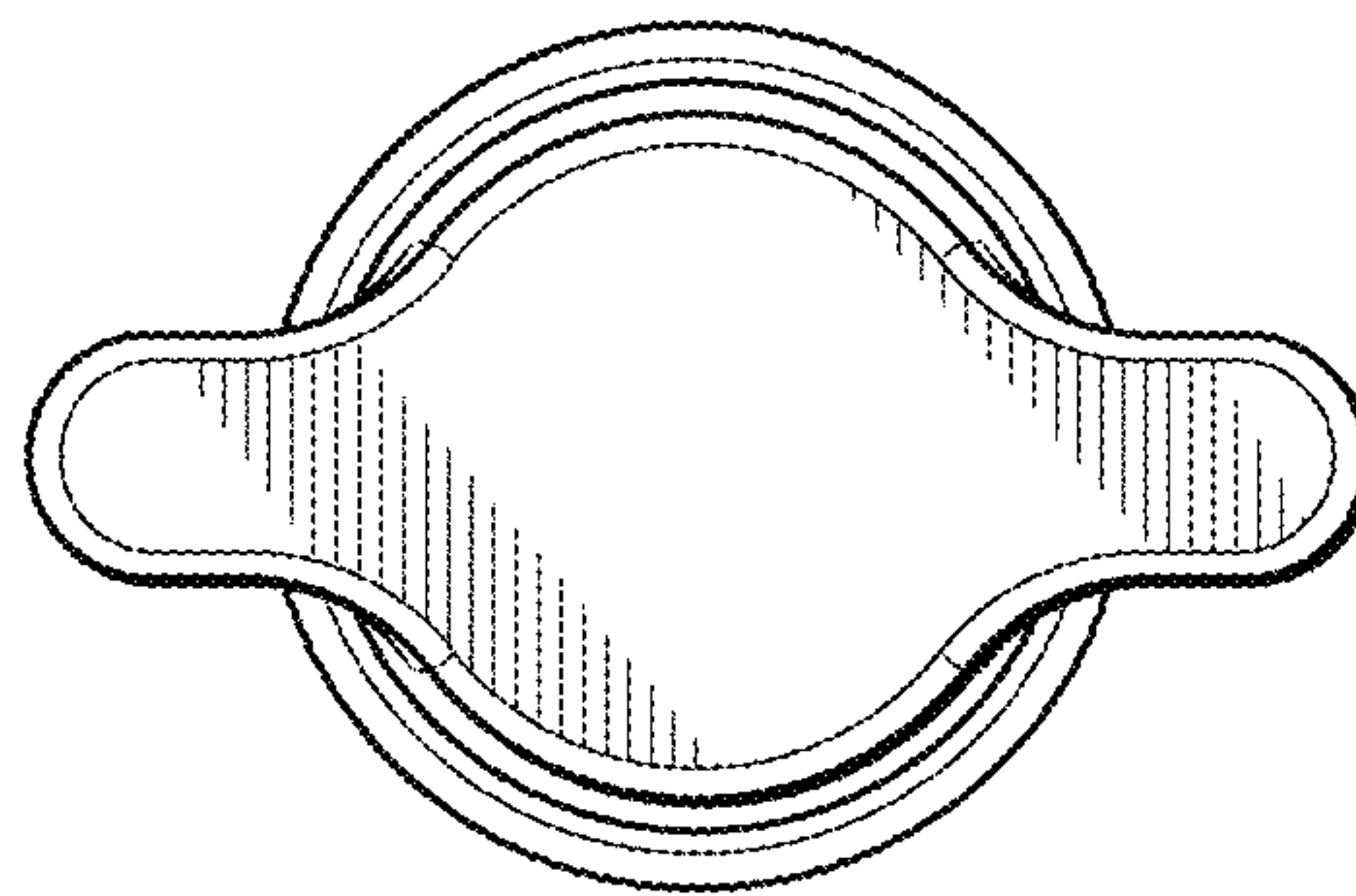


FIG. 4

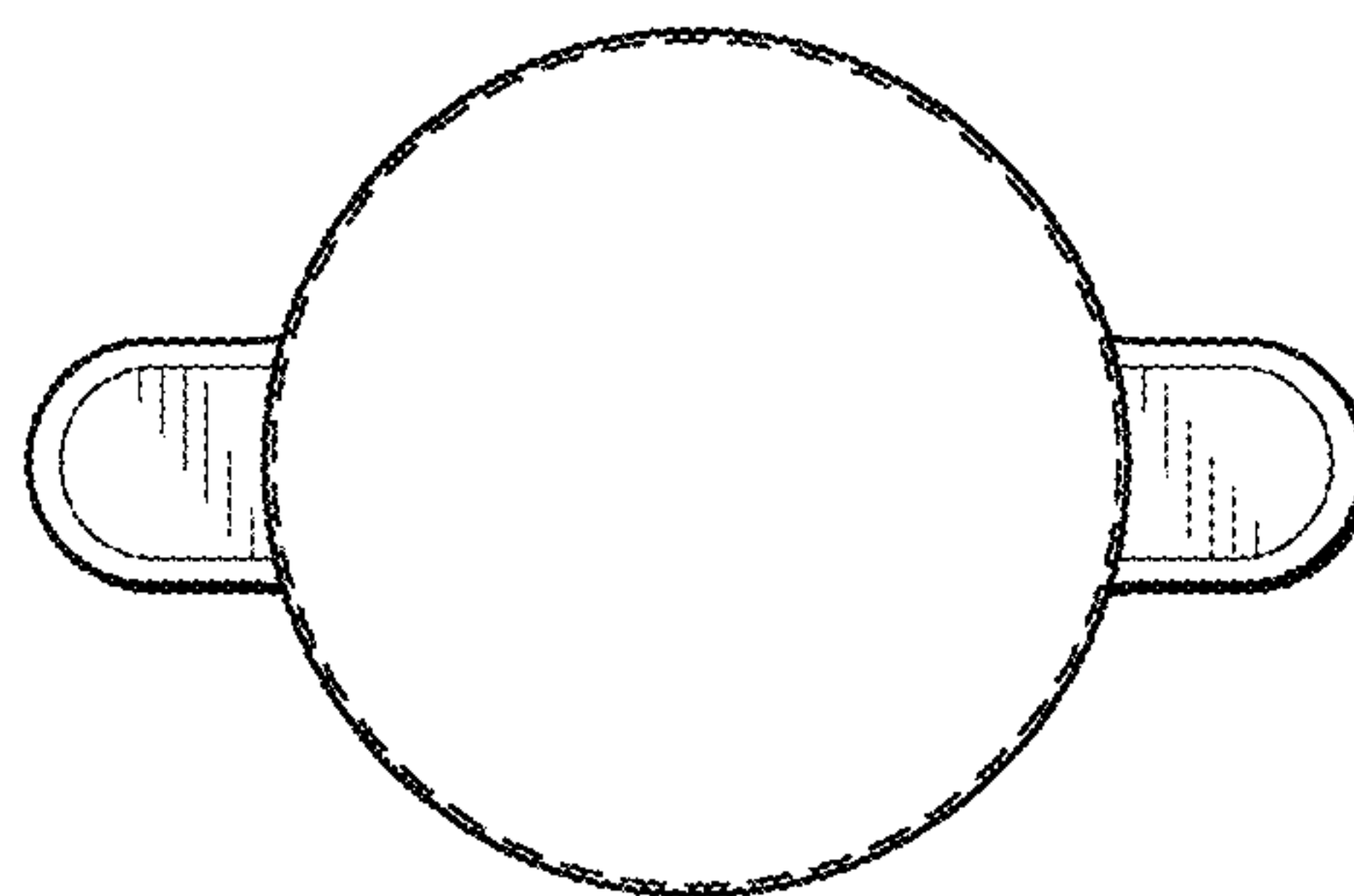


FIG. 5