



US00D817487S

(12) **United States Design Patent** (10) **Patent No.:** **US D817,487 S**  
**White et al.** (45) **Date of Patent:** **\*\* May 8, 2018**

(54) **SUCTION CONTROL VALVE**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **VYAIR MEDICAL**  
**CONSUMABLES LLC**, Yorba Linda,  
CA (US)

WO WO-0015276 A1 3/2000  
WO WO-2005094925 A1 10/2005  
(Continued)

(72) Inventors: **Dennis White**, Yorba Linda, CA (US);  
**Haojun Fu**, Yorba Linda, CA (US);  
**Sibgat Ulla**, Placentia, CA (US); **Ming**  
**Lu**, Pasadena, CA (US)

OTHER PUBLICATIONS

Invitation to Pay Fees and Partial Search Report for Application No.  
PCT/US2015/044244, dated Oct. 20, 2015, 9 pages.  
(Continued)

(73) Assignee: **VYAIR MEDICAL**  
**CONSUMABLES LLC**, Yorba Linda,  
CA (US)

*Primary Examiner* — David Muller  
(74) *Attorney, Agent, or Firm* — McDermott Will &  
Emery LLP

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

(21) Appl. No.: **29/615,320**

(57) **CLAIM**

(22) Filed: **Aug. 28, 2017**

We claim the ornamental design for a suction control valve,  
as shown and described.

**Related U.S. Application Data**

(63) Continuation of application No. 29/535,625, filed on  
Aug. 7, 2015, now Pat. No. Des. 796,668.

(51) **LOC (11) Cl.** ..... **24-02**

(52) **U.S. Cl.**  
USPC ..... **D24/129**

(58) **Field of Classification Search**  
USPC ..... D24/127–131, 112–114, 133, 186;  
606/181, 185; 604/264, 523–528, 272,  
604/187, 158, 164.01–164.11, 181, 184,  
604/227; 600/101, 139, 143;  
128/200.24, 207.14, 207.15  
CPC ..... A61M 16/0463; A61M 16/0816; A61M  
16/20

**DESCRIPTION**

FIG. 1 is a top perspective view of a suction control valve  
according to the new design;  
FIG. 2 is a right side view of the suction control valve shown  
in FIG. 1;  
FIG. 3 is a left side view of the suction control valve shown  
in FIG. 1;  
FIG. 4 is a rear elevation view of the suction control valve  
shown in FIG. 1;  
FIG. 5 is a front elevation view of the suction control valve  
shown in FIG. 1;  
FIG. 6 is a top view of the suction control valve shown in  
FIG. 1; and,  
FIG. 7 is a bottom view of the suction control valve shown  
in FIG. 1.

See application file for complete search history.

In the drawings, the broken lines form no part of the claimed  
design.

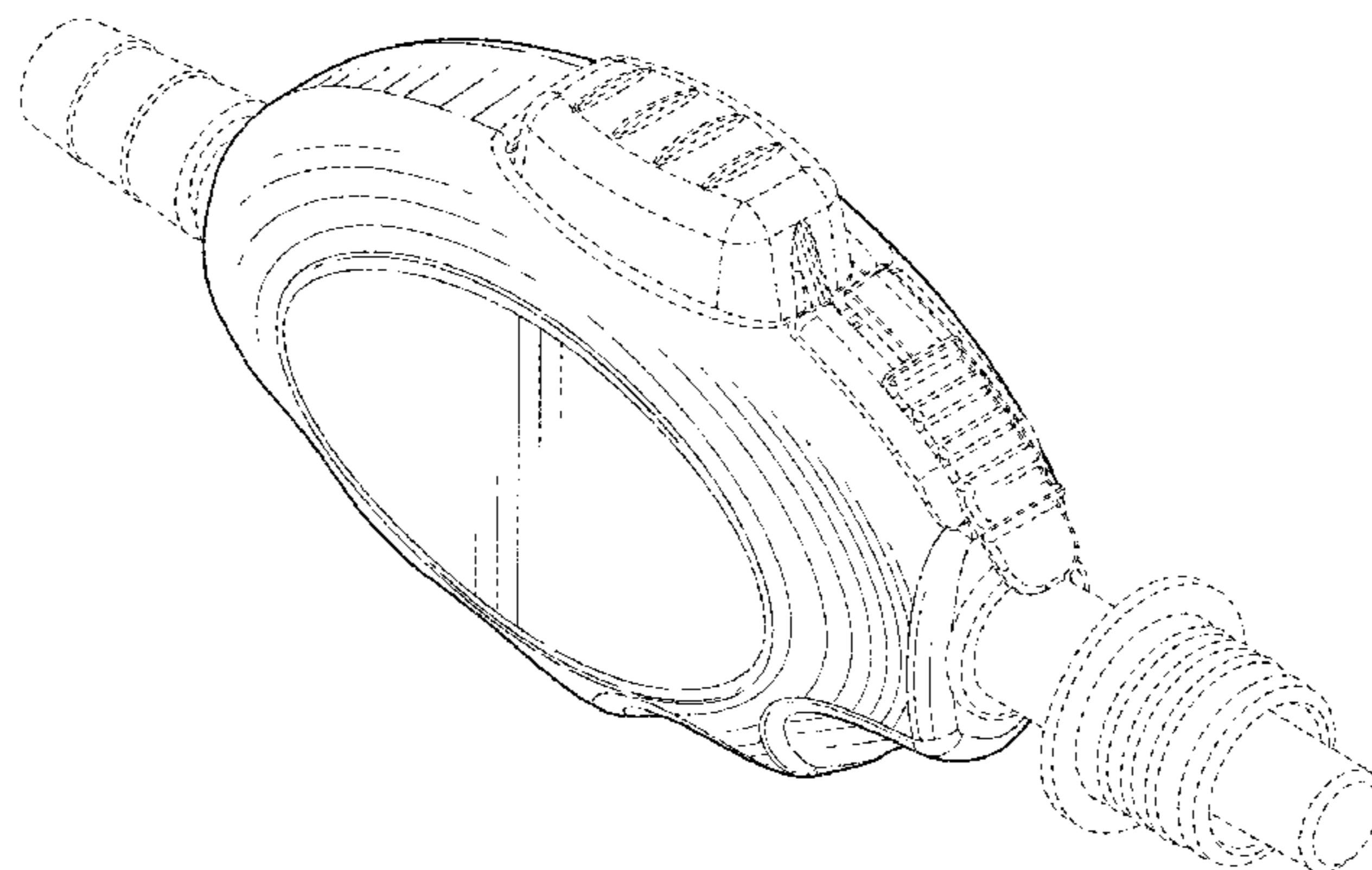
(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D300,361 S \* 3/1989 Tokarz ..... D24/129  
D650,478 S \* 12/2011 Lewis ..... D24/129  
D653,329 S \* 1/2012 Lee-Sepsick ..... D24/112

(Continued)

**1 Claim, 6 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

D654,583 S \* 2/2012 Lee-Sepsick ..... D24/112  
D655,412 S \* 3/2012 Luk ..... D24/130  
D660,957 S \* 5/2012 Lee-Sepsick ..... D24/112  
D713,958 S \* 9/2014 Srinivasan ..... D24/130  
D714,436 S \* 9/2014 Lee-Sepsick ..... D24/112  
D730,518 S \* 5/2015 Lombardi, III ..... D24/129  
D747,473 S \* 1/2016 Martin ..... D24/129  
D749,721 S \* 2/2016 Dziak ..... D24/129  
D764,660 S \* 8/2016 Babbs ..... D24/129  
D771,806 S \* 11/2016 Steele ..... D24/129  
2013/0144268 A1 6/2013 Chung  
2013/0312755 A1 11/2013 Ho  
2013/0312756 A1 11/2013 Ho  
2013/0312759 A1 11/2013 Ho

FOREIGN PATENT DOCUMENTS

WO WO-2007146613 A2 12/2007  
WO WO-2010014735 A1 2/2010  
WO WO-2010052241 A1 5/2010

OTHER PUBLICATIONS

International Search Report and Written Opinion for Application  
No. PCT/US2015/044244, dated Feb. 4, 2016, 21 pages.

\* cited by examiner

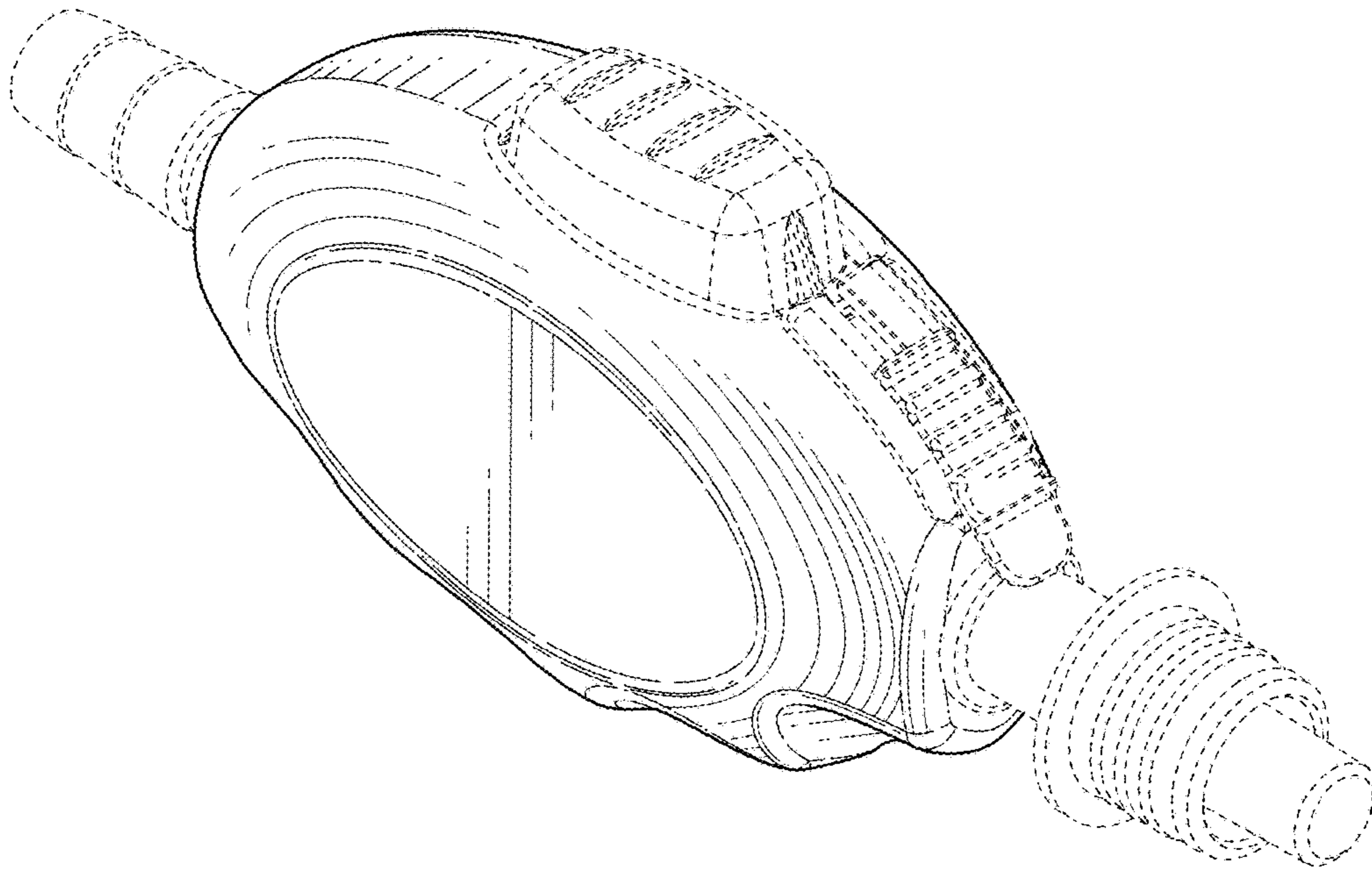


FIG. 1

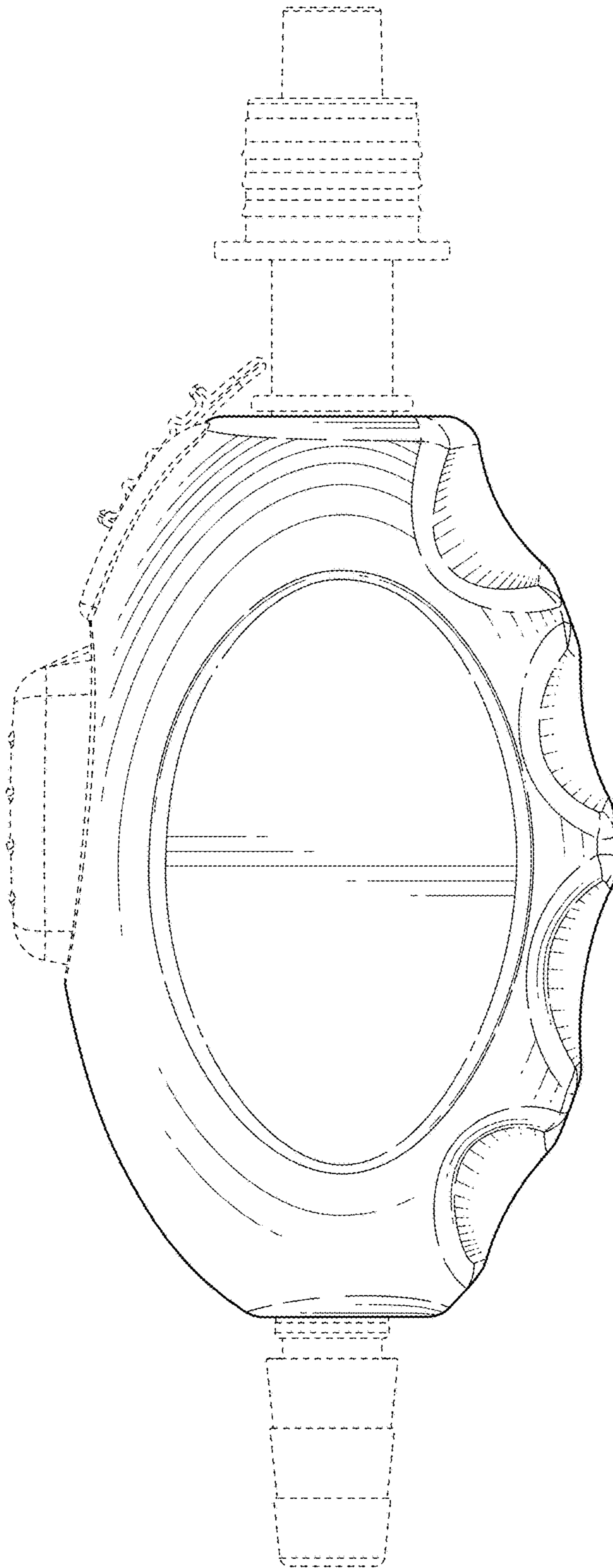


FIG. 2

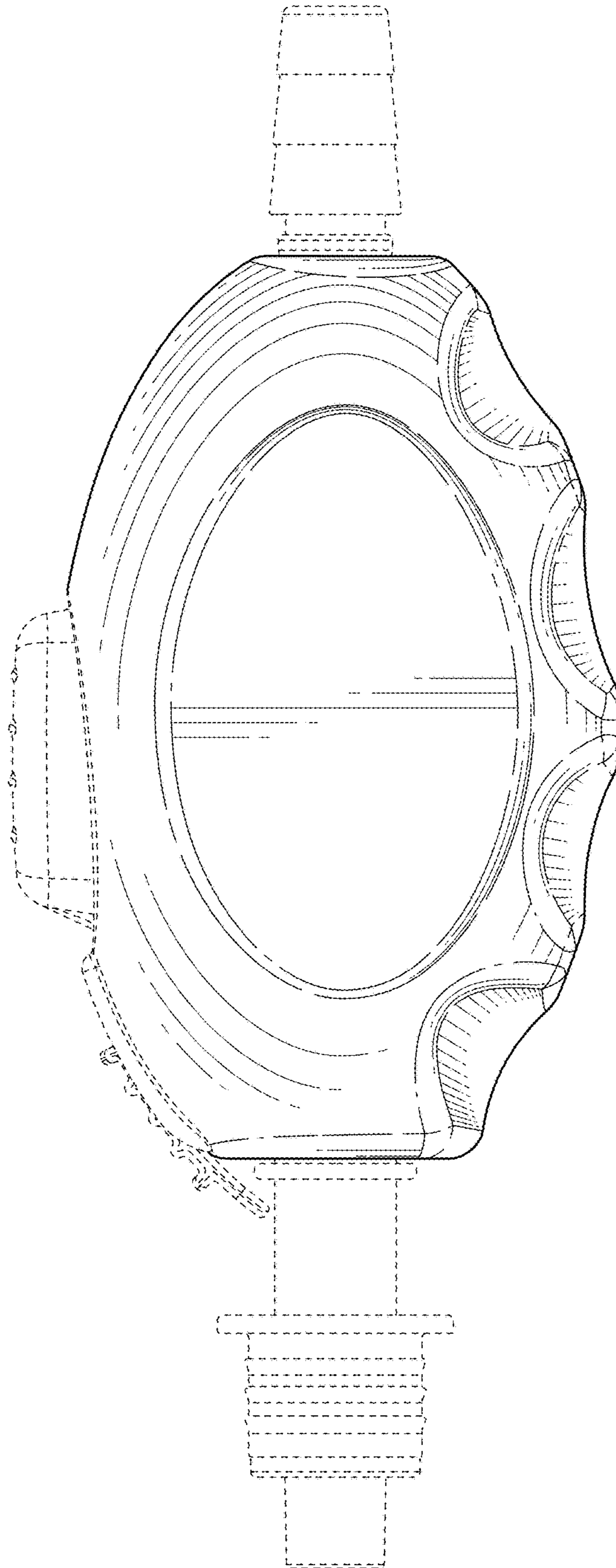


FIG. 3



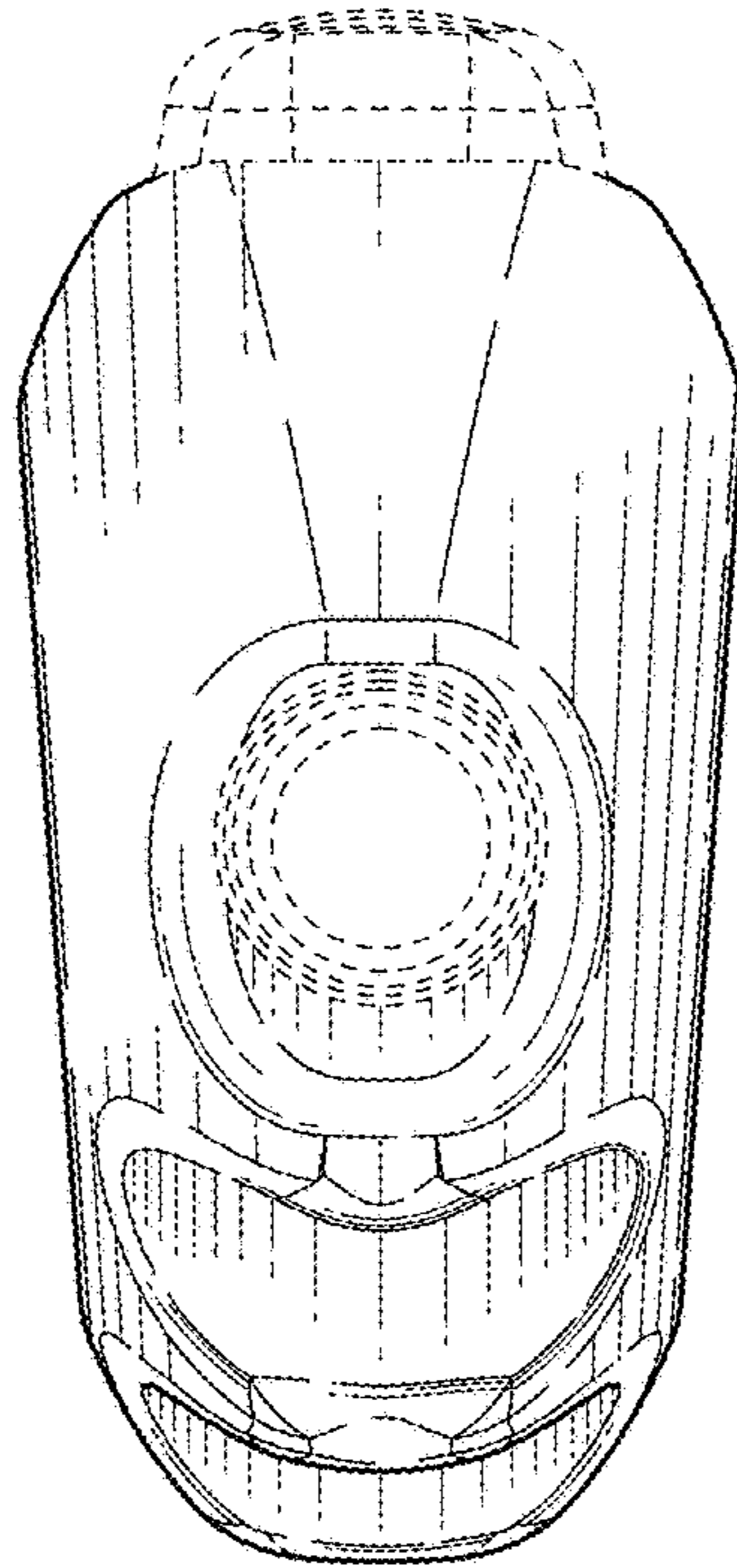


FIG. 4

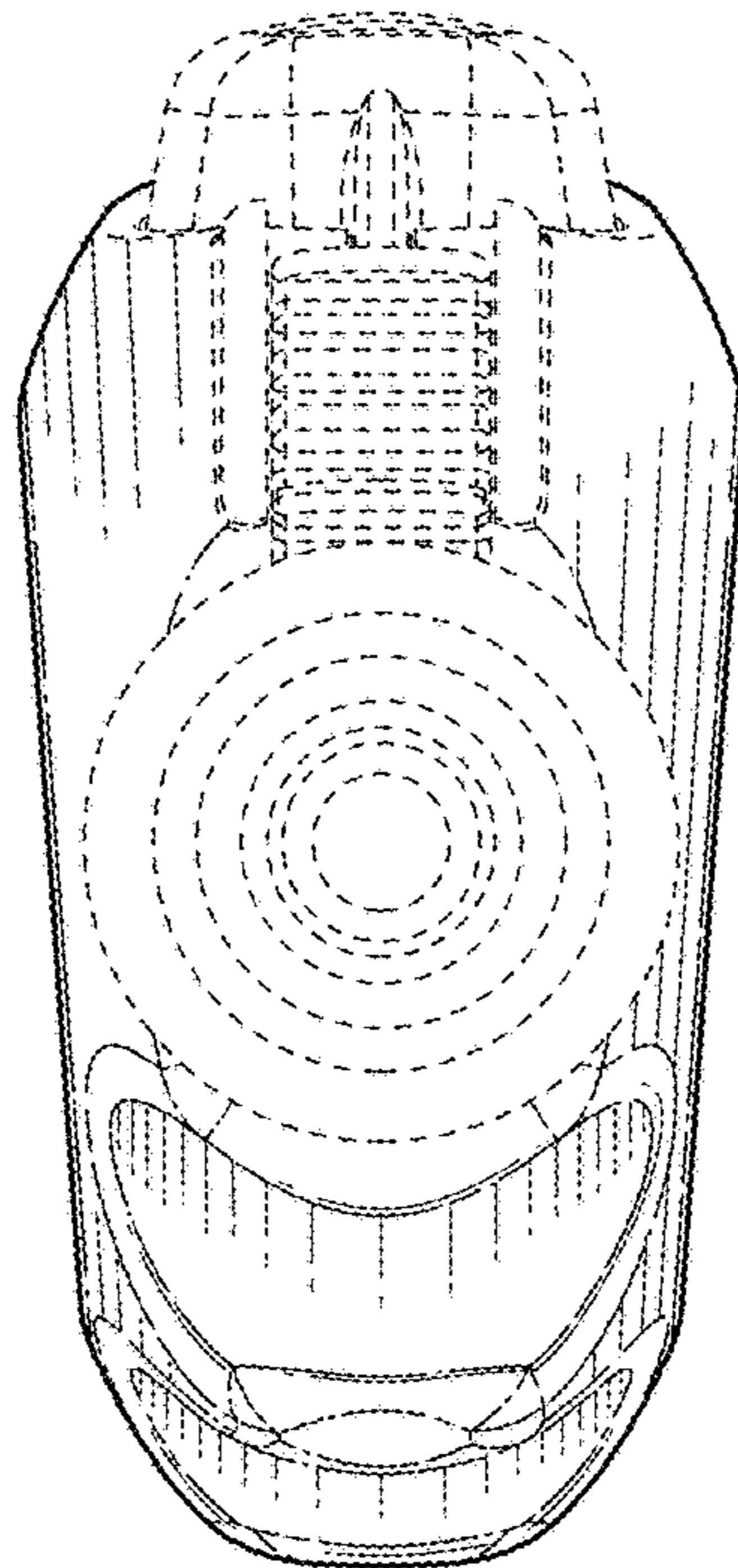


FIG. 5

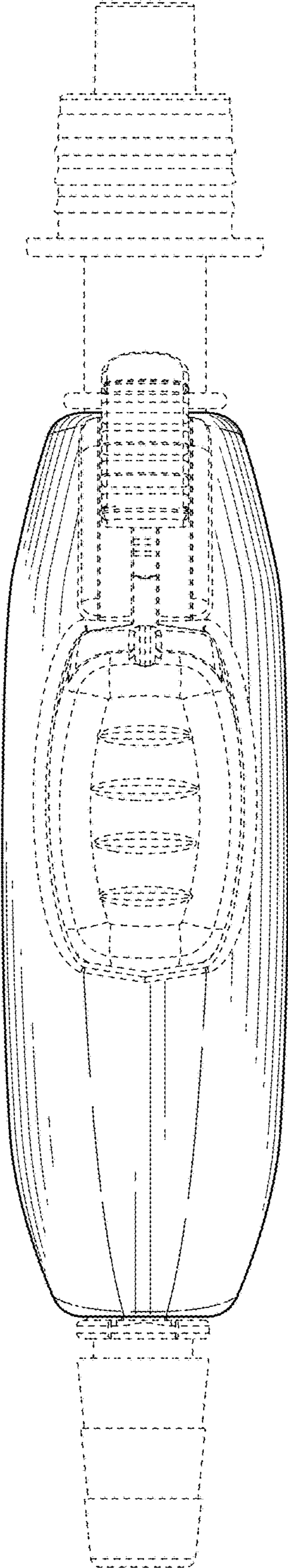


FIG. 6

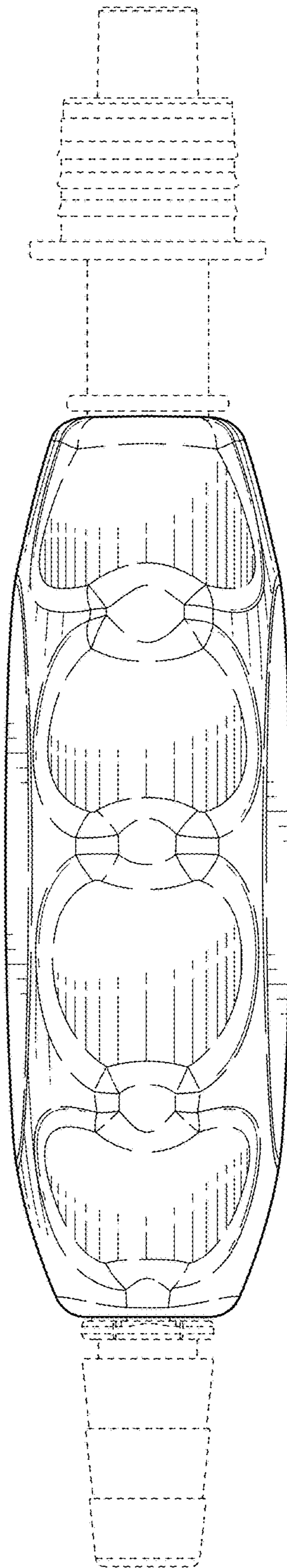


FIG. 7