



US00D879289S

(12) **United States Design Patent** (10) **Patent No.:** **US D879,289 S**  
**Fineout et al.** (45) **Date of Patent:** **\*\* Mar. 24, 2020**

(54) **TUBING CONNECTOR FOR A HANDHELD SURGICAL INSTRUMENT**

FOREIGN PATENT DOCUMENTS

WO 2018051196 A1 3/2018

(71) Applicant: **Stryker Corporation**, Kalamazoo, MI (US)

OTHER PUBLICATIONS

(72) Inventors: **Benjamin Fineout**, Kalamazoo, MI (US); **Hidefumi Ota**, Yokohama (JP); **Jason Wroblewski**, Portage, MI (US)

Reality RX Communication, "CUSA Clarity System Setup Video", <https://www.youtube.com/watch?v=M5aCRYmCQYA>, Mar. 3, 2017, 2 pages.

(73) Assignee: **Stryker Corporation**, Kalamazoo, MI (US)

*Primary Examiner* — Wan Laymon  
*Assistant Examiner* — Mark Booker

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

(74) *Attorney, Agent, or Firm* — Howard & Howard Attorneys PLLC

(21) Appl. No.: **29/664,218**

(57) **CLAIM**

(22) Filed: **Sep. 24, 2018**

The ornamental design for a tubing connector for a handheld surgical instrument, as shown and described.

(51) **LOC (12) Cl.** ..... **24-02**

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

(58) **Field of Classification Search**  
USPC ..... D24/133, 127-131, 112-114, 186; 128/200.24, 207.14, 207.15; 600/101, 600/139, 143; 604/264, 523-528, 272, 604/187, 158, 164.01-164.11, 181, 184, 604/227; 606/181, 185  
CPC .. A61M 25/065; A61M 5/42; A61M 25/0612; A61M 25/00; A61M 39/00; A61M 27/00; A61M 25/0043; A61M 25/0067; A61M 25/0097; A61F 2/958  
See application file for complete search history.

**DESCRIPTION**

FIG. 1 is a top, rear right perspective view of a tubing connector for a handheld surgical instrument;  
FIG. 2 is a rear end view of the tubing connector;  
FIG. 3 is a front end view of the tubing connector;  
FIG. 4 is a top, rear right perspective view thereof;  
FIG. 5 is a top, rear left perspective view thereof;  
FIG. 6 is a bottom, rear right perspective view thereof;  
FIG. 7 is a bottom, rear left perspective view thereof;  
FIG. 8 is a left side elevational view thereof;  
FIG. 9 is a right side elevational view thereof;  
FIG. 10 is a top plan view thereof;  
FIG. 11 is a bottom plan view thereof; and,  
FIG. 12 is a top, front right perspective view thereof  
In the drawings, the broken lines show unclaimed portions of the tubing connector that form no part of the claimed design. The broken lines between the left and right sides of the design represent unclaimed ornamentation that form no part of the claimed design.

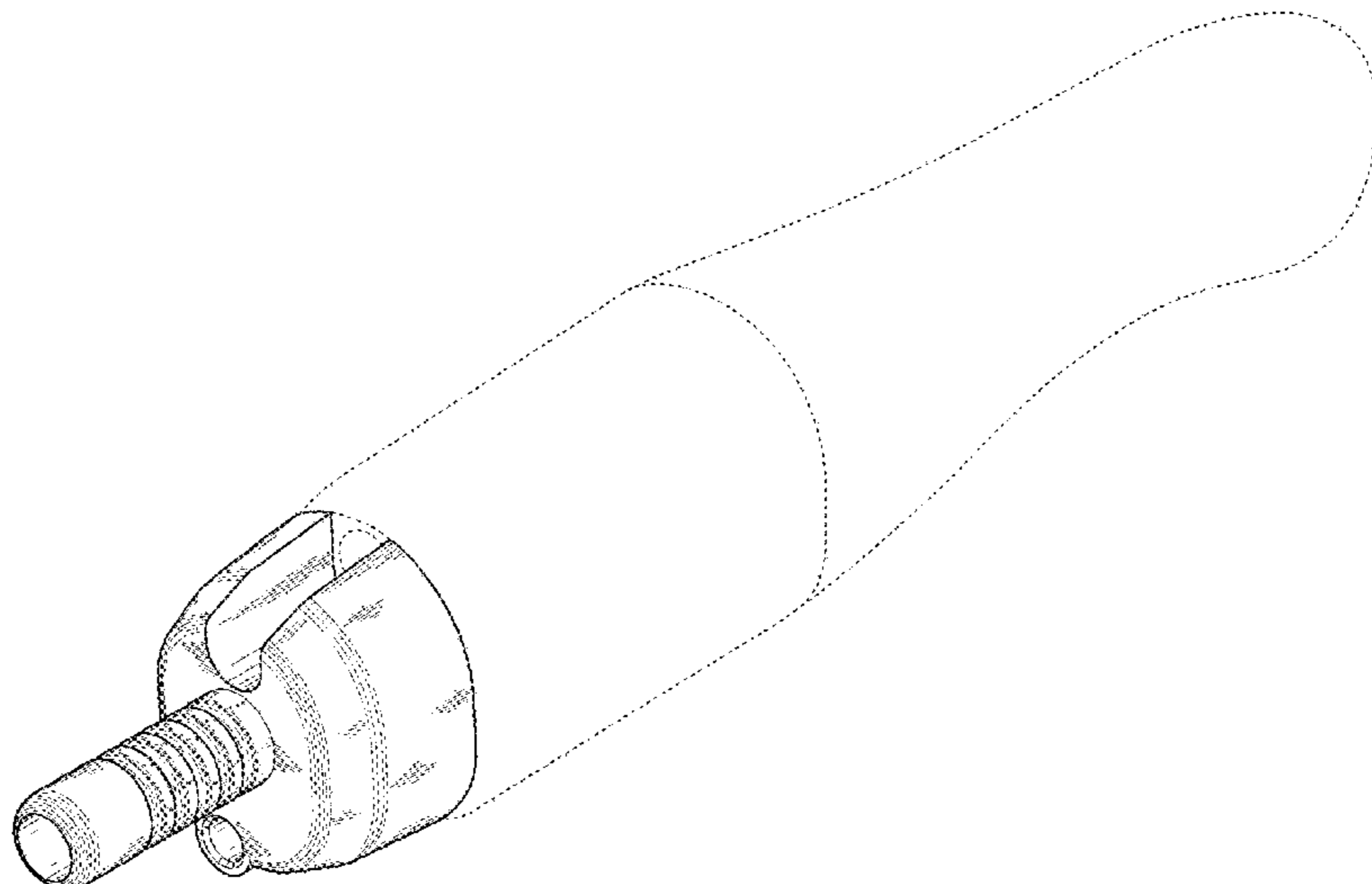
(56) **References Cited**

U.S. PATENT DOCUMENTS

6,214,017 B1 4/2001 Stoddard et al.  
D604,843 S \* 11/2009 Braynin ..... D24/133  
D729,741 S \* 5/2015 Price ..... D13/147  
D730,297 S \* 5/2015 Price ..... D13/147  
D752,740 S \* 3/2016 Price ..... D24/129  
2006/0235305 A1 10/2006 Cotter et al.  
2017/0304655 A1 10/2017 Cotter et al.

(Continued)

**1 Claim, 7 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

2017/0333606 A1 11/2017 Manandhar et al.  
2018/0132885 A1 5/2018 Cotter et al.

\* cited by examiner

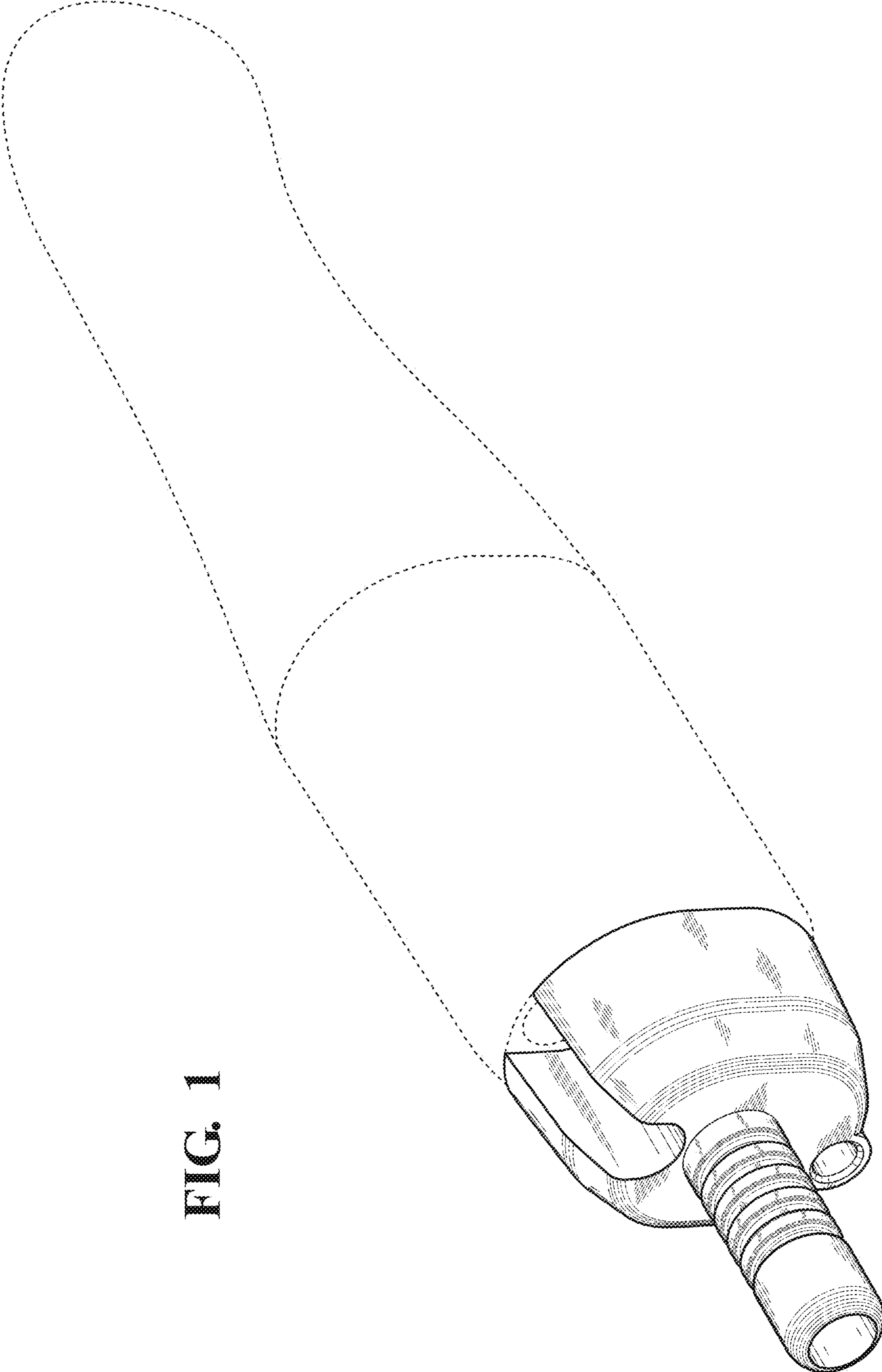
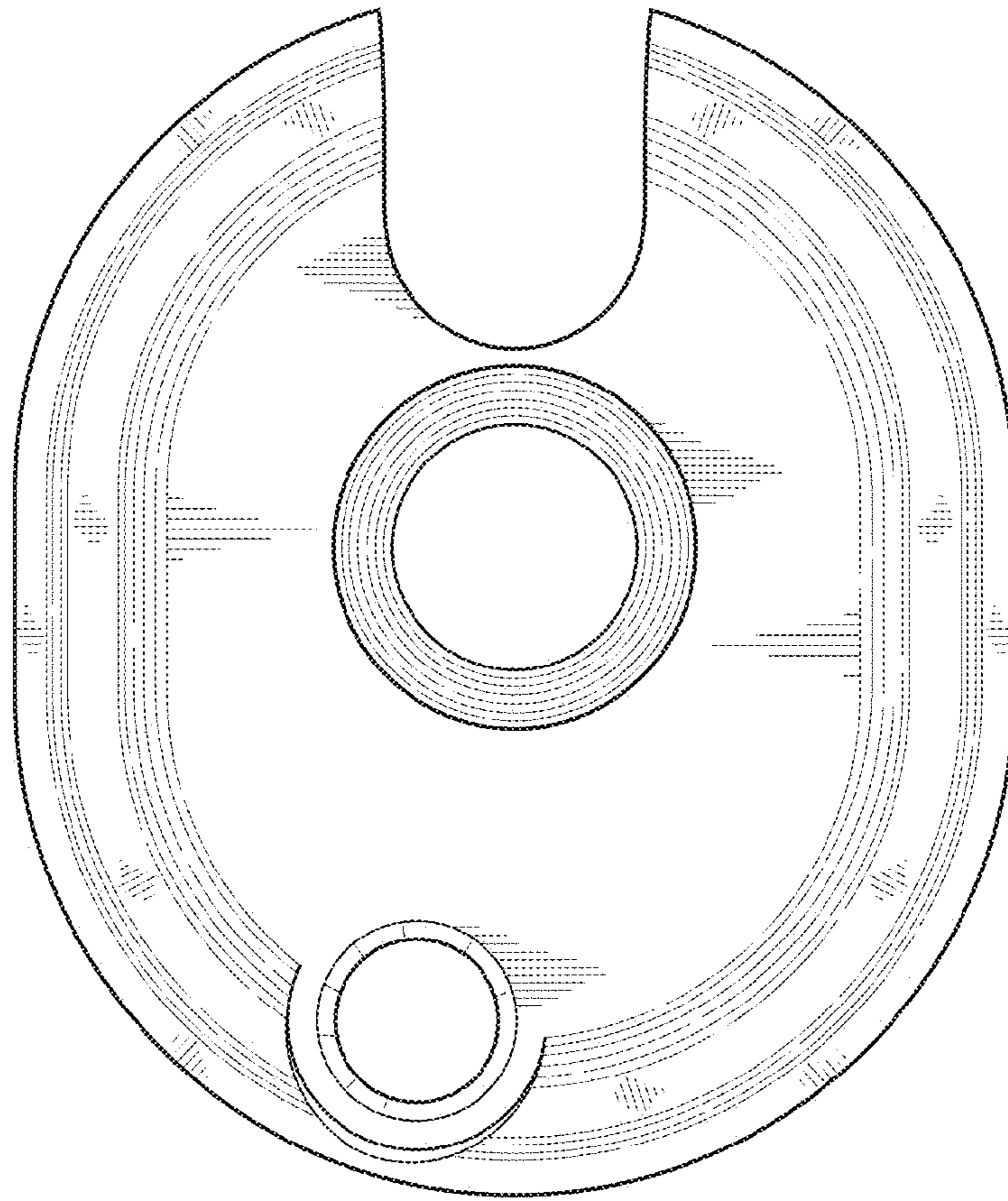
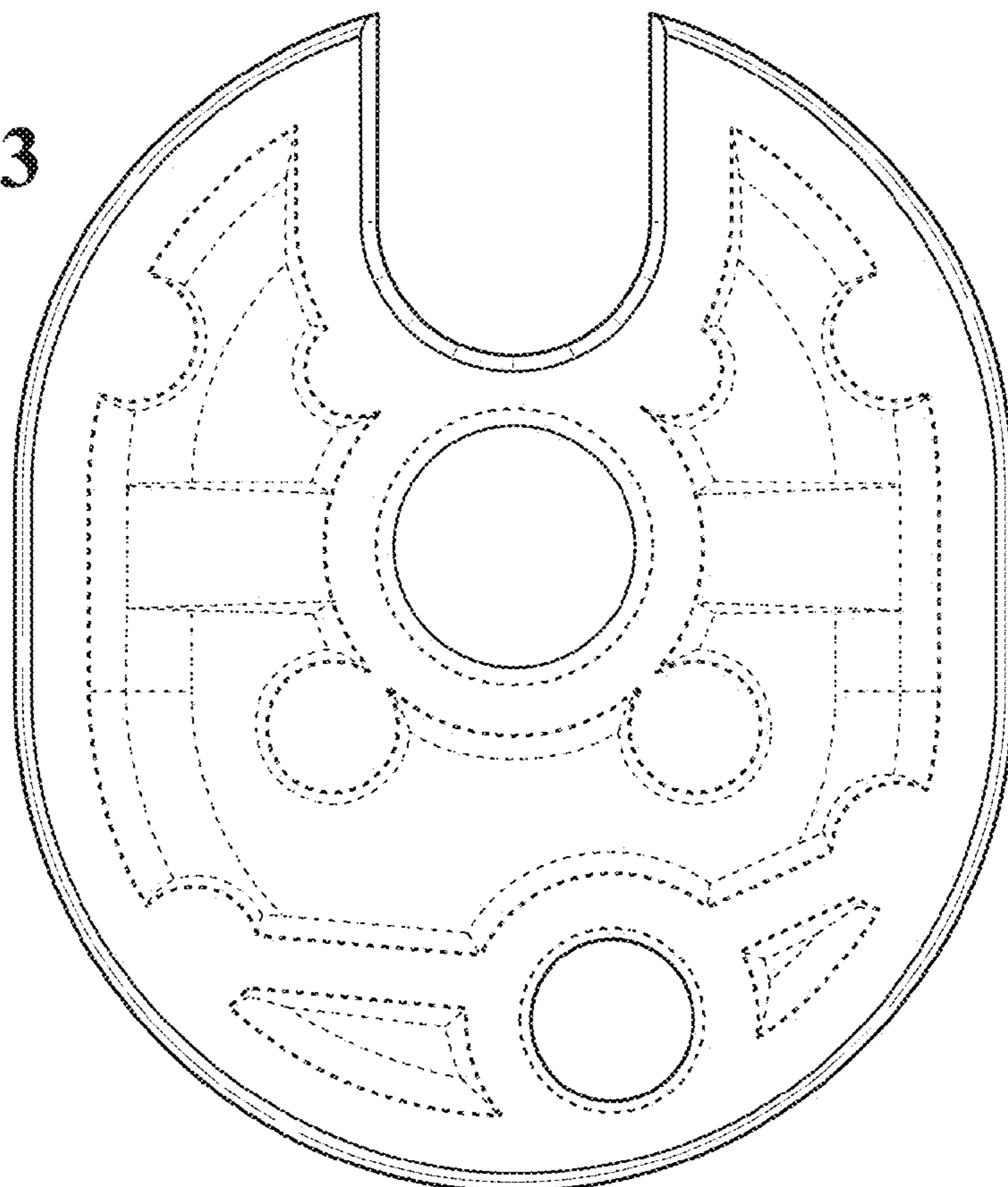


FIG. 1

**FIG. 2**

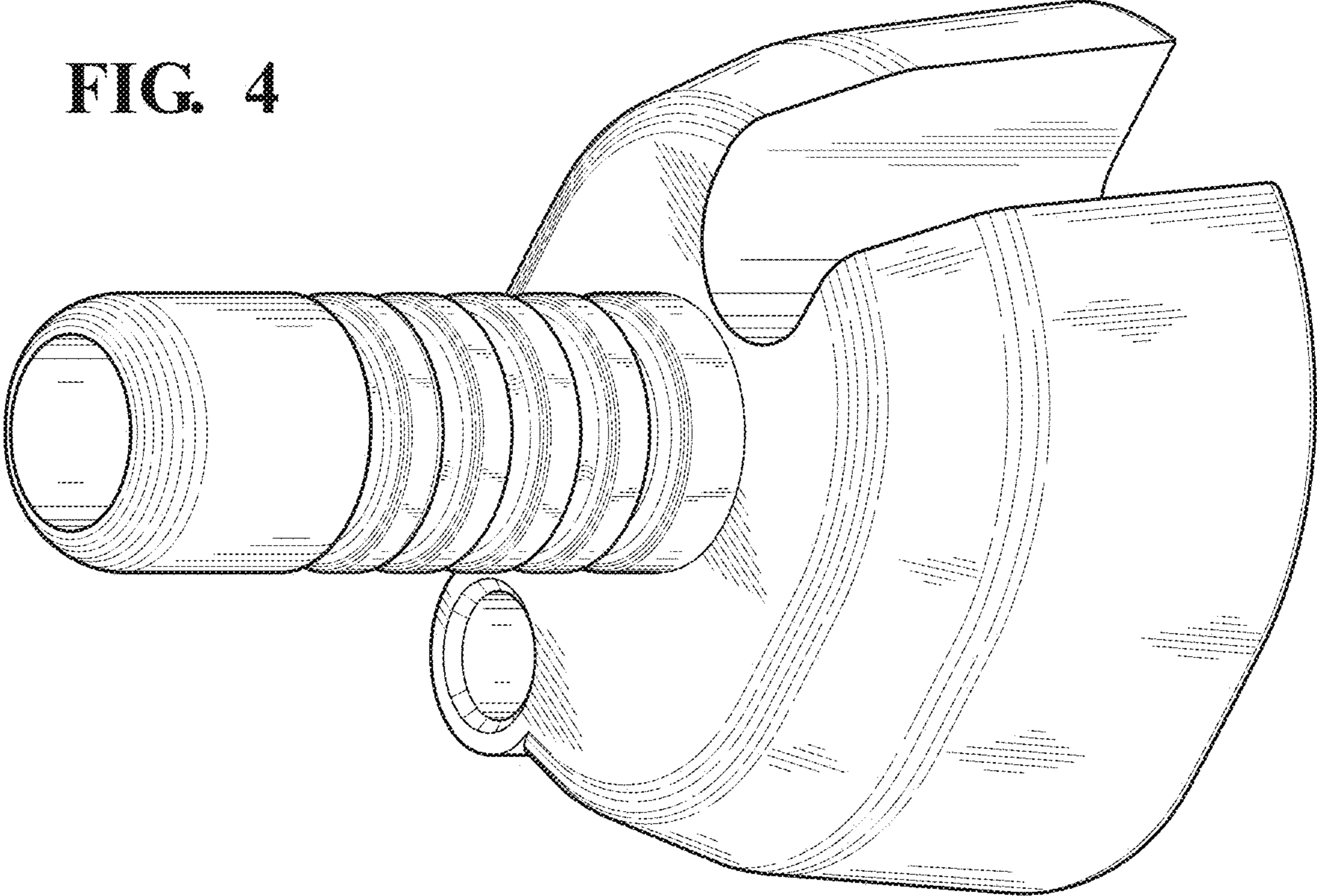


**FIG. 3**

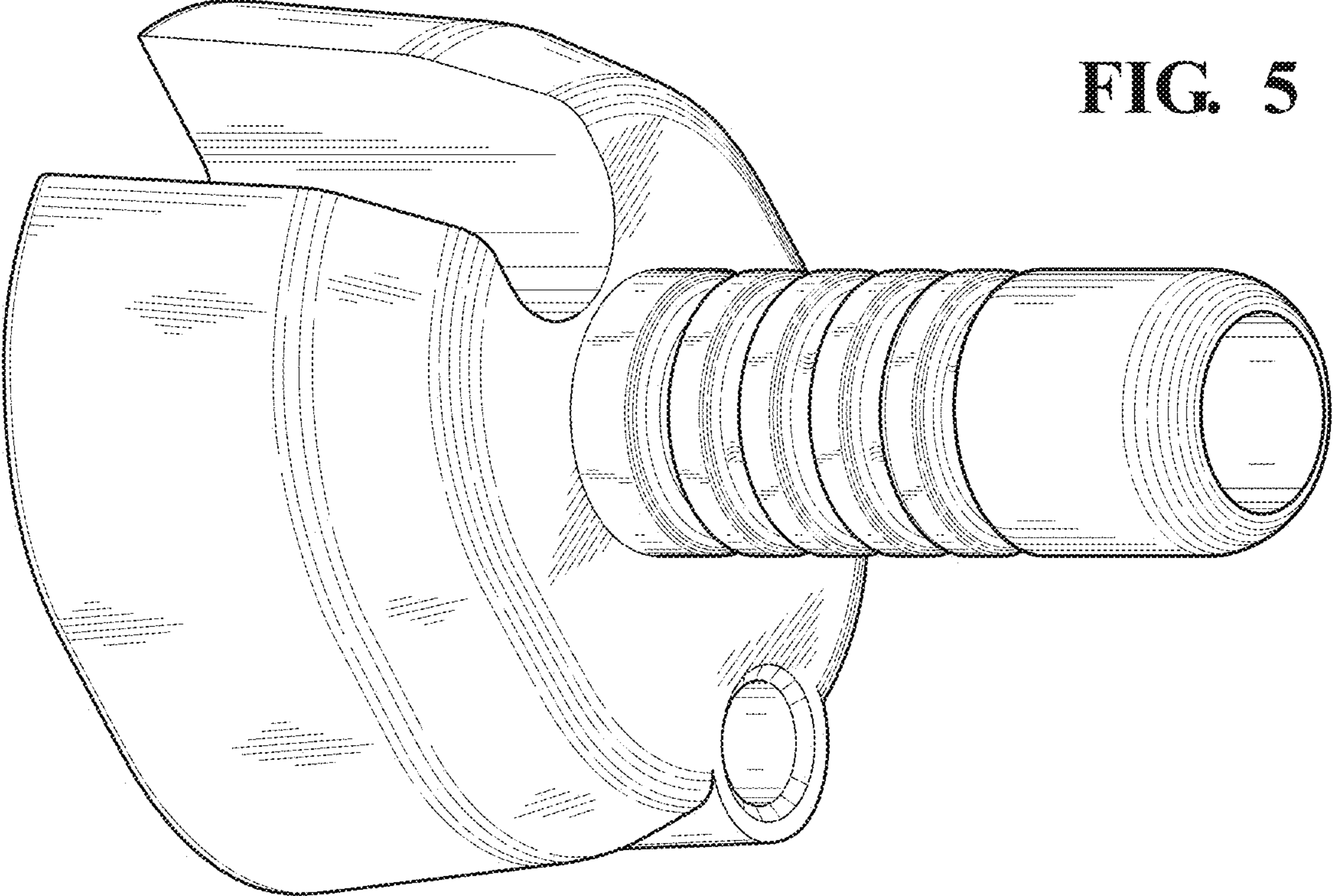




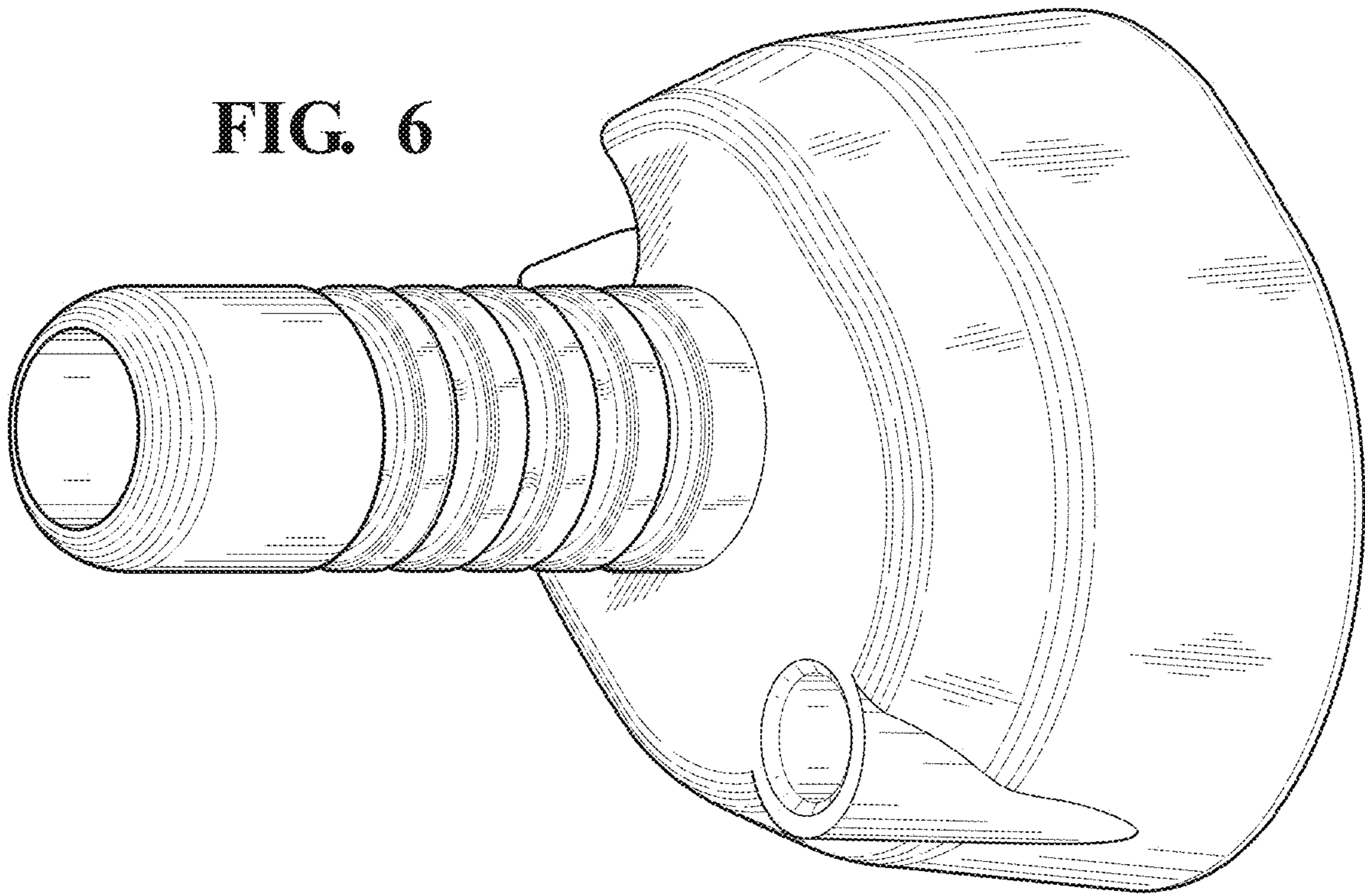
**FIG. 4**



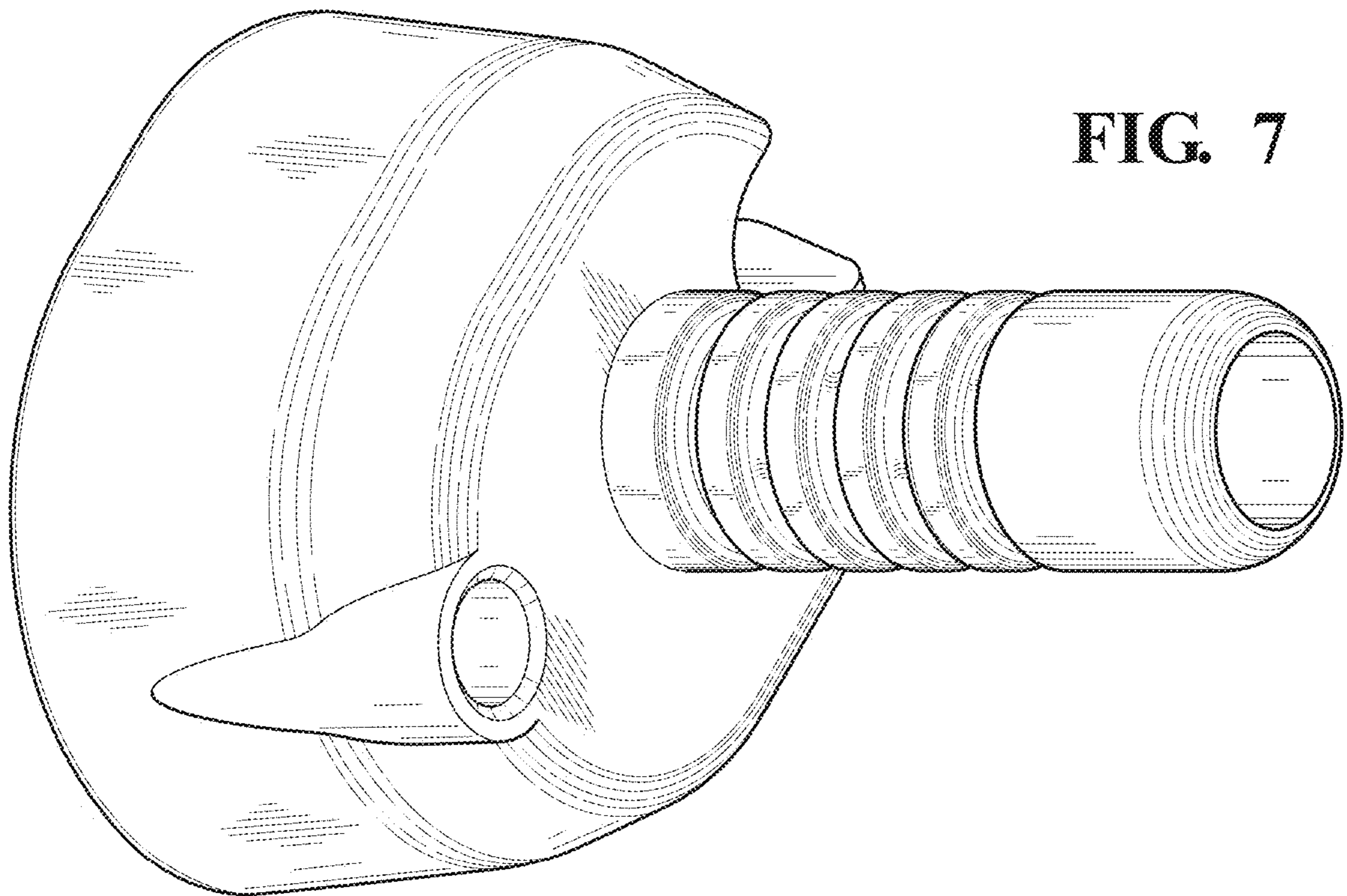
**FIG. 5**



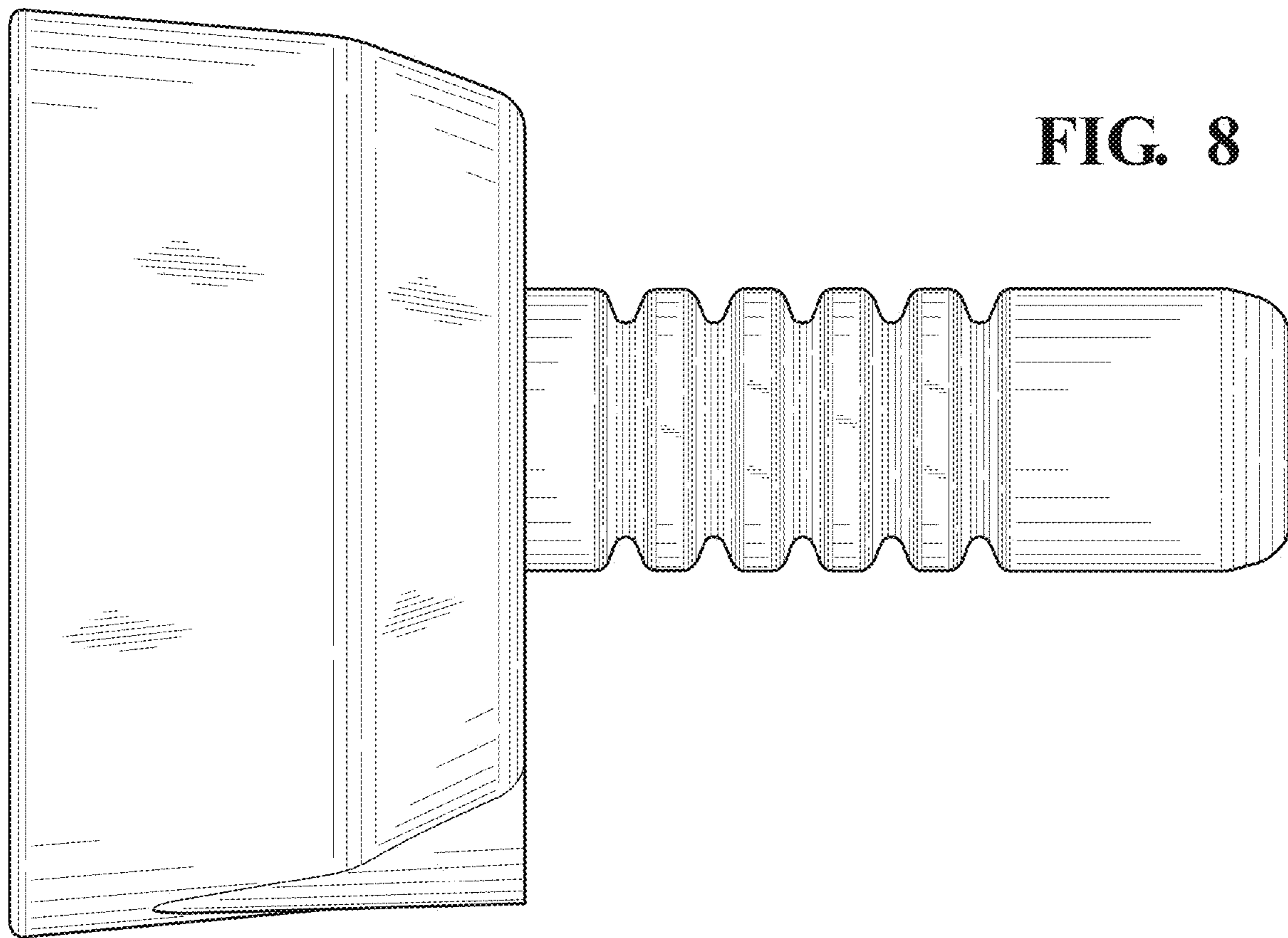
**FIG. 6**



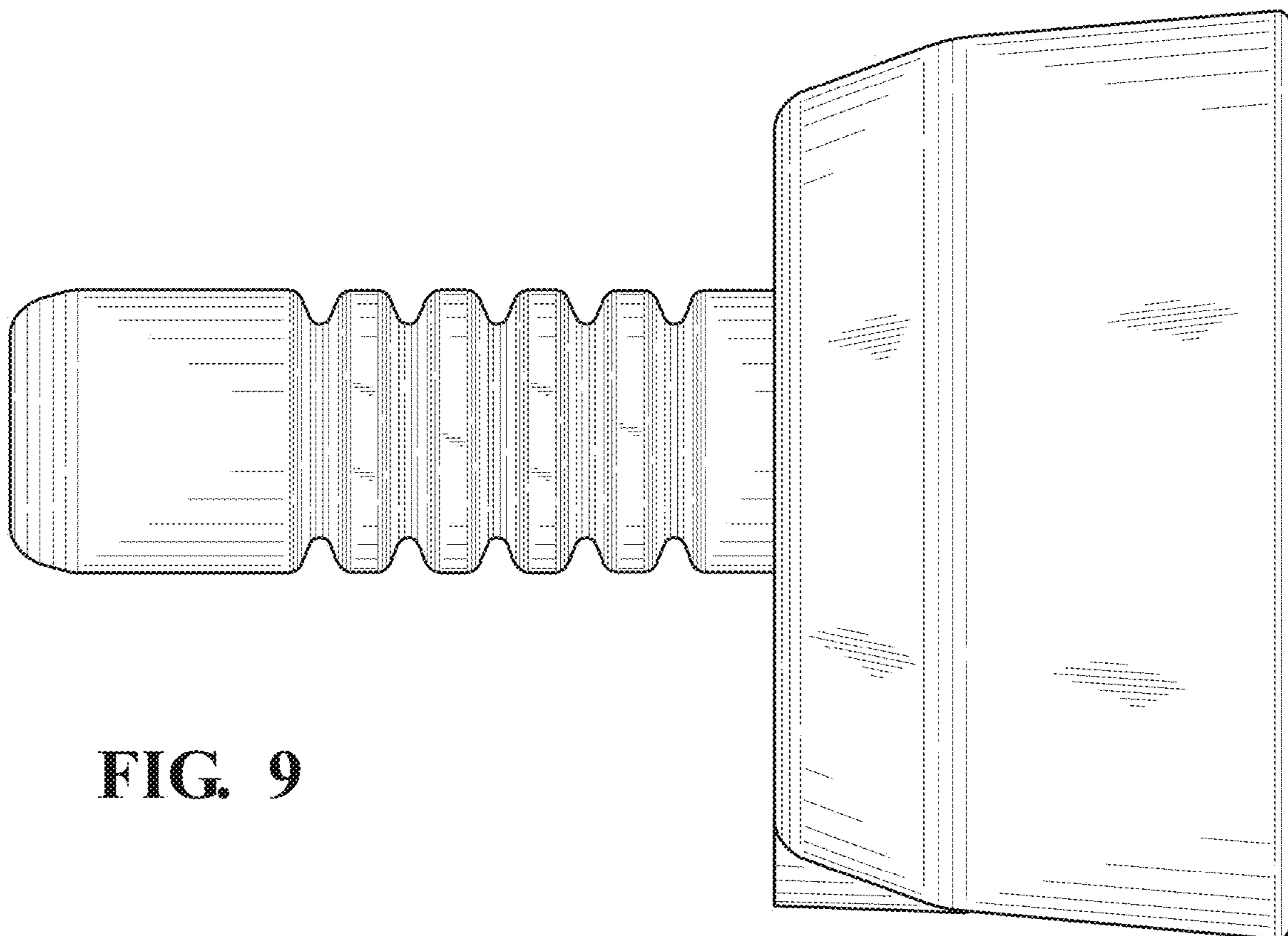
**FIG. 7**



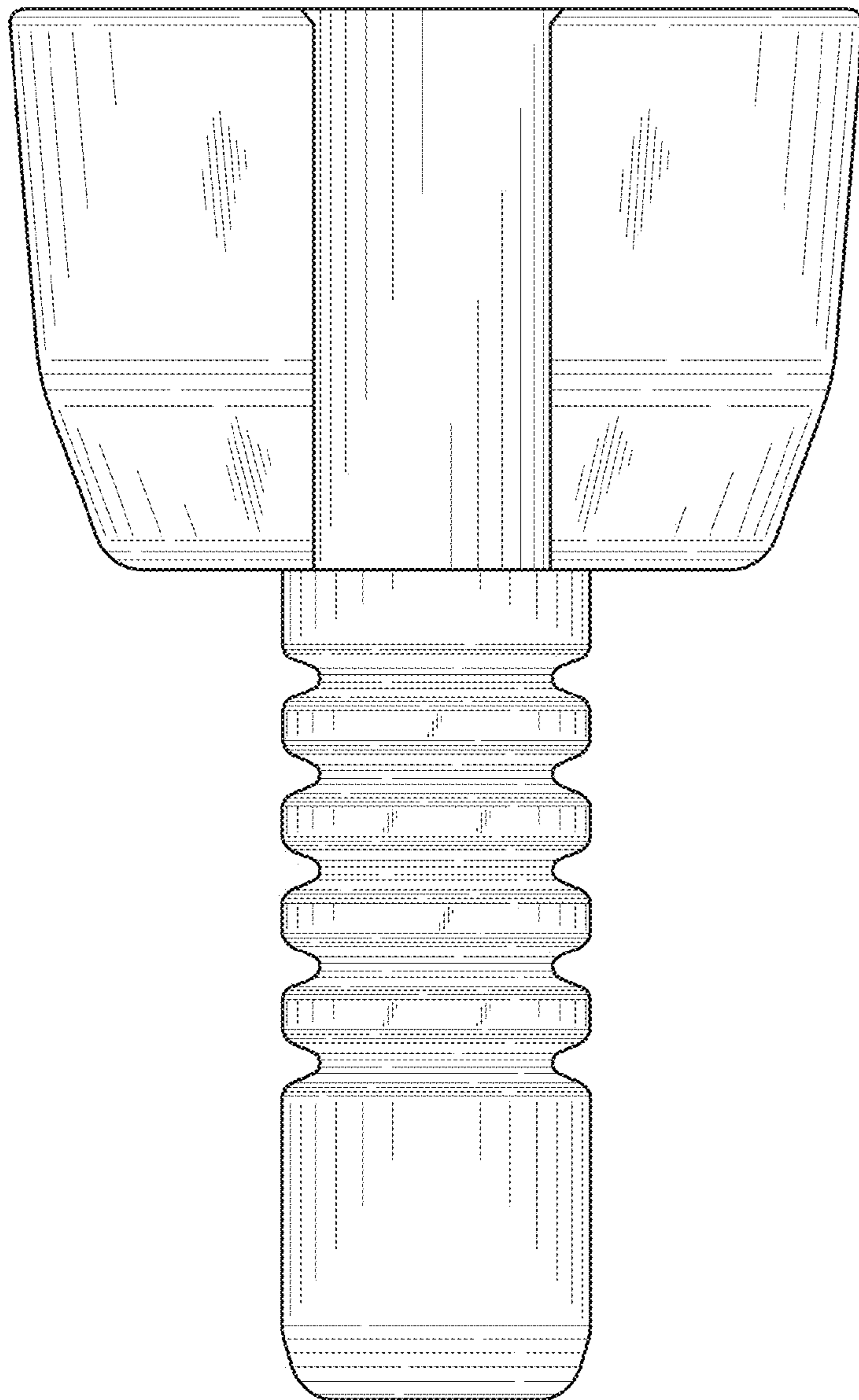




**FIG. 8**

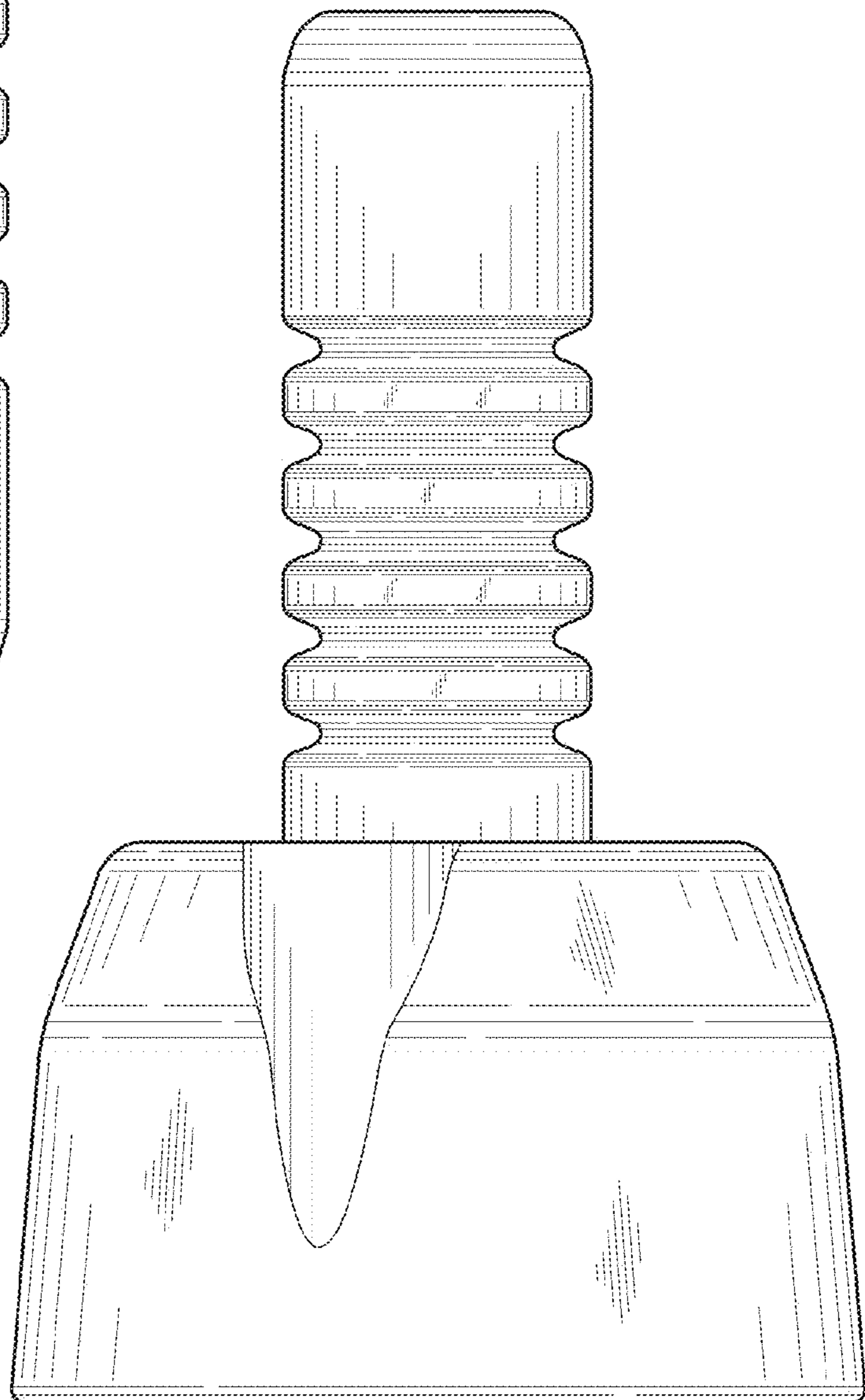


**FIG. 9**

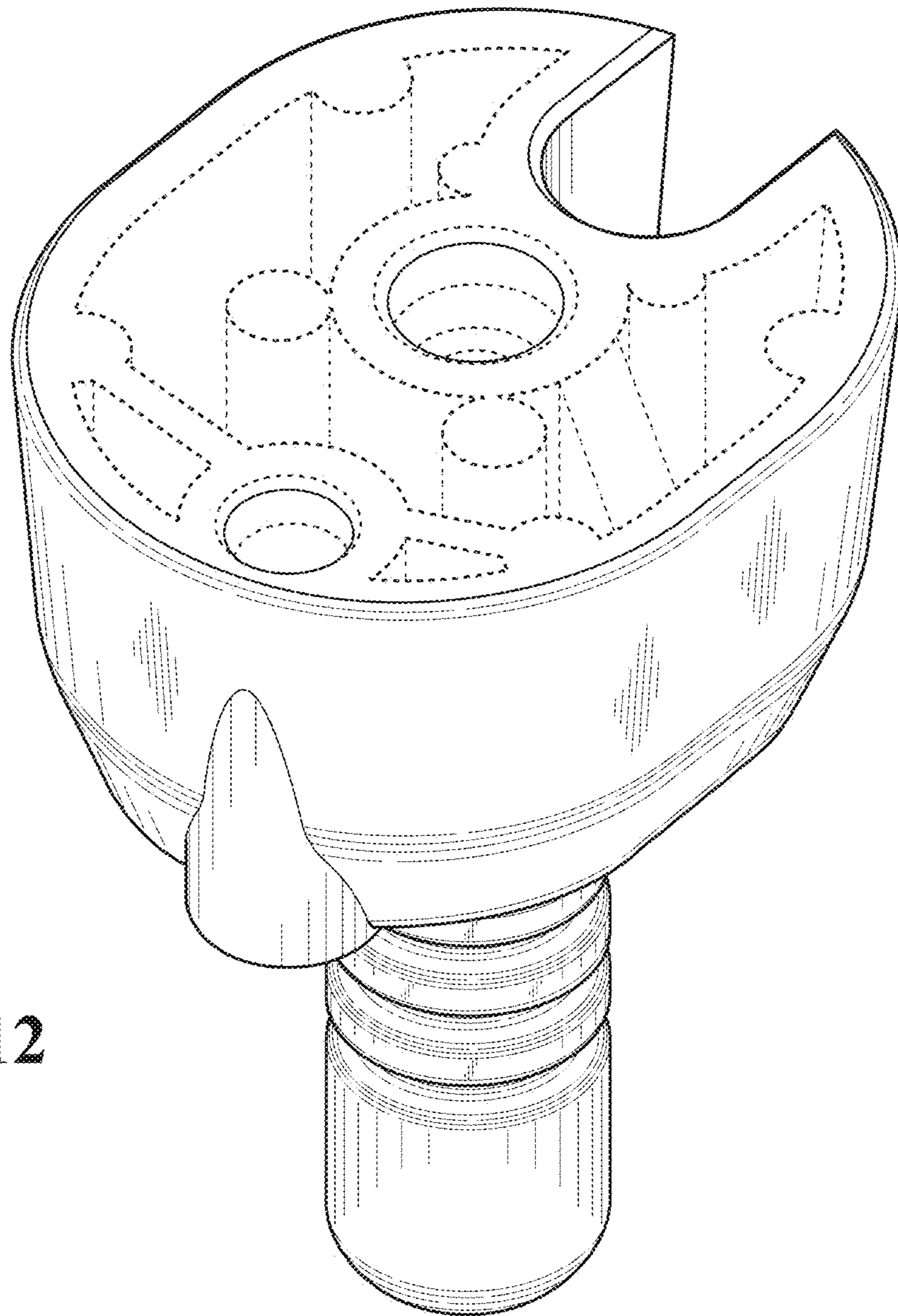


**FIG. 10**

**FIG. 11**







**FIG. 12**