



US00D882079S

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

(10) **Patent No.: US D882,079 S**

(45) **Date of Patent: \*\* Apr. 21, 2020**

(54) **SURGICAL INSTRUMENT**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **Warsaw Orthopedic, Inc.**, Warsaw, IN (US)

WO WO-2014121247 A1 \* 8/2014 ..... A61B 18/1485

*Primary Examiner* — Ian Simmons  
*Assistant Examiner* — Yolanda Robinson

(72) Inventors: **Anthony J. Melkent**, Germantown, TN (US); **Thomas E. Drochner**, Longmont, CO (US); **James P. Duncan**, Hernando, MS (US)

(74) *Attorney, Agent, or Firm* — Sorell, Lenna & Schmidt, LLP

(73) Assignee: **Warsaw Orthopedic, Inc.**, Warsaw, IN (US)

(57) **CLAIM**

The ornamental design for the surgical instrument, as shown and described.

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

**DESCRIPTION**

(21) Appl. No.: **29/550,541**

FIG. 1 is a perspective view of a first embodiment of a surgical instrument;

(22) Filed: **Jan. 5, 2016**

FIG. 2 is a perspective view of the embodiment shown in FIG. 1;

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

FIG. 3 is a side view of the embodiment shown in FIG. 1;

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

USPC ..... **D24/133**

FIG. 4 is a side view of the embodiment shown in FIG. 1;

(58) **Field of Classification Search**

USPC ..... D24/112, 113–114, 133, 141; D8/347

CPC .. A61M 5/178; A61F 2/44; A61F 2/46; A61F

2/4455; A61F 2/4611; A61F 2/447; A61F

2/4425

FIG. 5 is a side view of the embodiment shown in FIG. 1;

FIG. 6 is a side view of the embodiment shown in FIG. 1;

FIG. 7 is a top view of the embodiment shown in FIG. 1;

FIG. 8 is a bottom view of the embodiment shown in FIG. 1;

See application file for complete search history.

FIG. 9 is a perspective view of a second embodiment of a surgical instrument;

FIG. 10 is a perspective view of the embodiment shown in FIG. 9;

FIG. 11 is a side view of the embodiment shown in FIG. 9;

FIG. 12 is a side view of the embodiment shown in FIG. 9;

FIG. 13 is a side view of the embodiment shown in FIG. 9;

FIG. 14 is a side view of the embodiment shown in FIG. 9;

FIG. 15 is a top view of the embodiment shown in FIG. 9;

and,  
FIG. 16 is a bottom view of the embodiment shown in FIG. 9.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D350,605 S \* 9/1994 Williams ..... D24/133

8,114,088 B2 \* 2/2012 Miller ..... A61F 2/4465

606/90

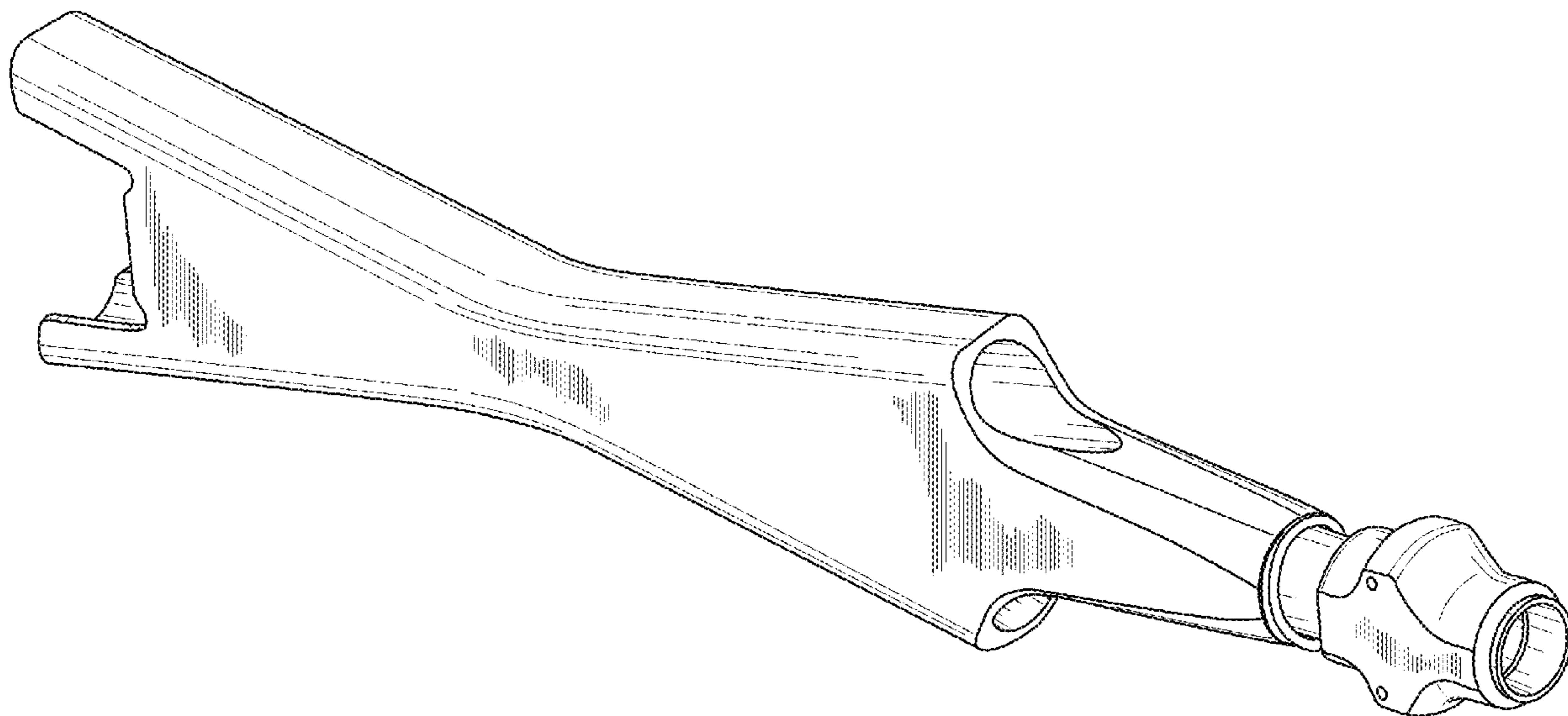
D667,111 S \* 9/2012 Robinson ..... D24/133

D802,752 S \* 11/2017 Holland ..... D24/114

D802,753 S \* 11/2017 Holland ..... D24/114

(Continued)

**1 Claim, 14 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

D806,861 S \* 1/2018 Amano ..... D24/112  
D806,862 S \* 1/2018 Semmann ..... D24/112  
D810,938 S \* 2/2018 Feldman ..... D24/152  
10,219,917 B2 \* 3/2019 Dewey ..... A61F 2/4611  
D860,754 S \* 9/2019 Chang ..... D8/107  
2010/0076557 A1 \* 3/2010 Miller ..... A61F 2/4465  
623/17.11  
2017/0027715 A1 \* 2/2017 Huang ..... A61F 2/4609  
2017/0119548 A1 \* 5/2017 Dewey ..... A61F 2/4611  
2017/0238934 A1 \* 8/2017 Williams ..... A61B 17/1155  
2017/0294752 A1 \* 10/2017 Lin ..... H01R 43/0421  
2018/0221168 A1 \* 8/2018 Bernhardt, Jr. .... A61F 2/4455  
2019/0224025 A1 \* 7/2019 Pinal ..... A61F 2/4455

\* cited by examiner

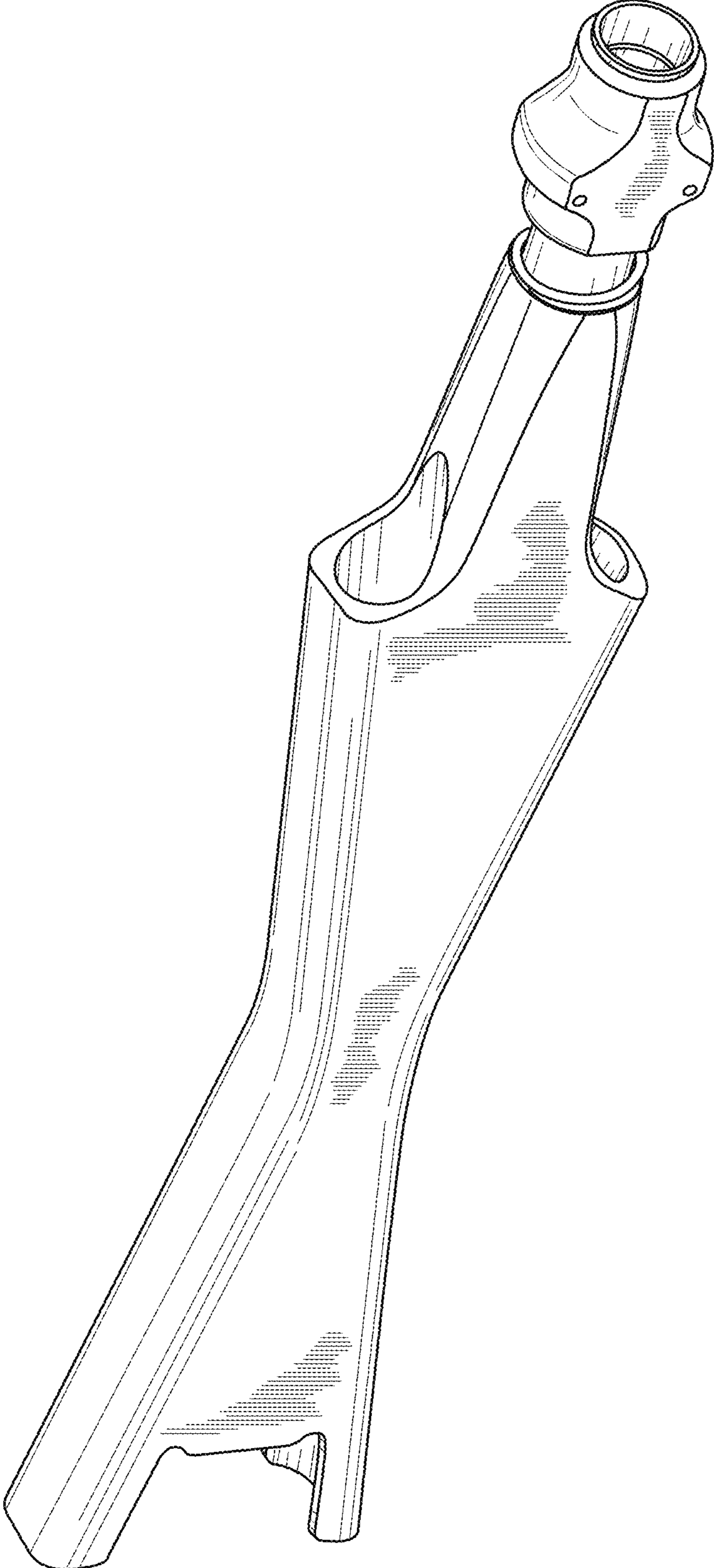


FIG. 1



FIG. 2

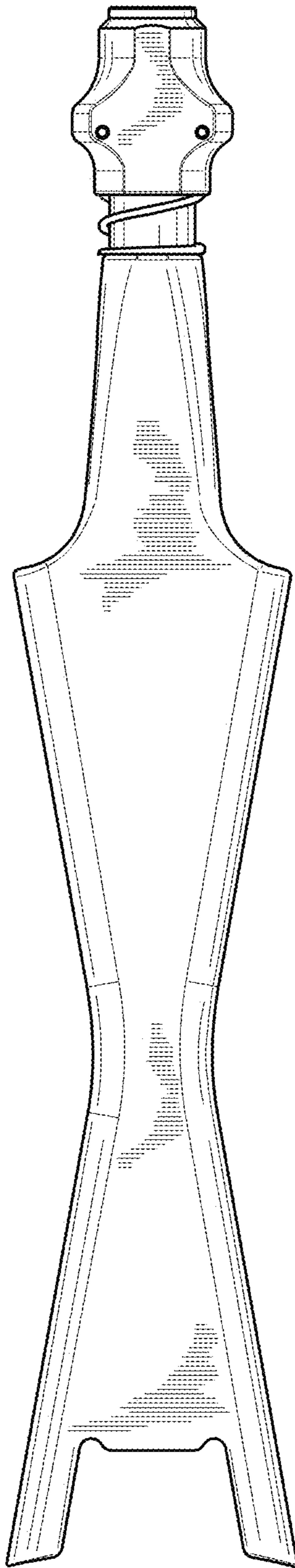


FIG. 3



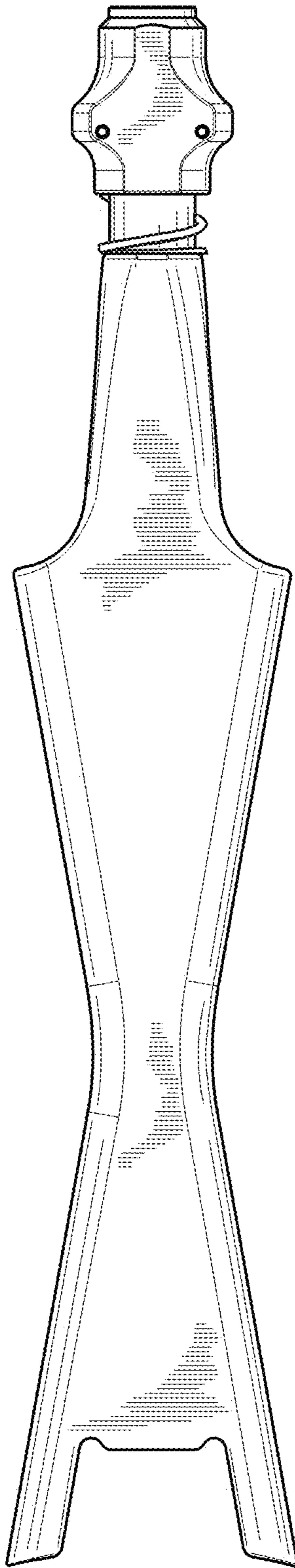


FIG. 4

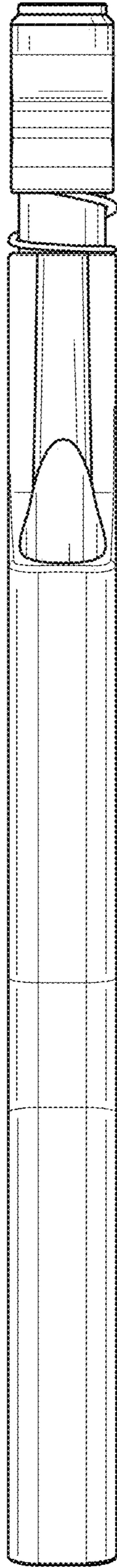


FIG. 5

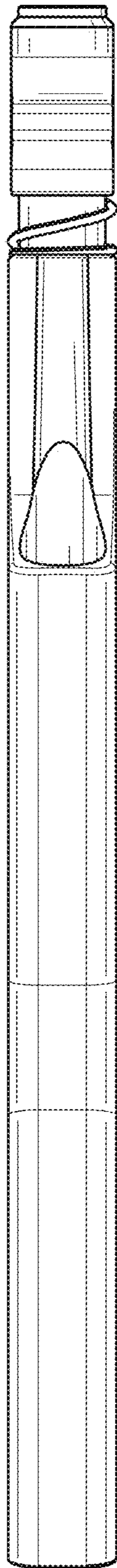


FIG. 6



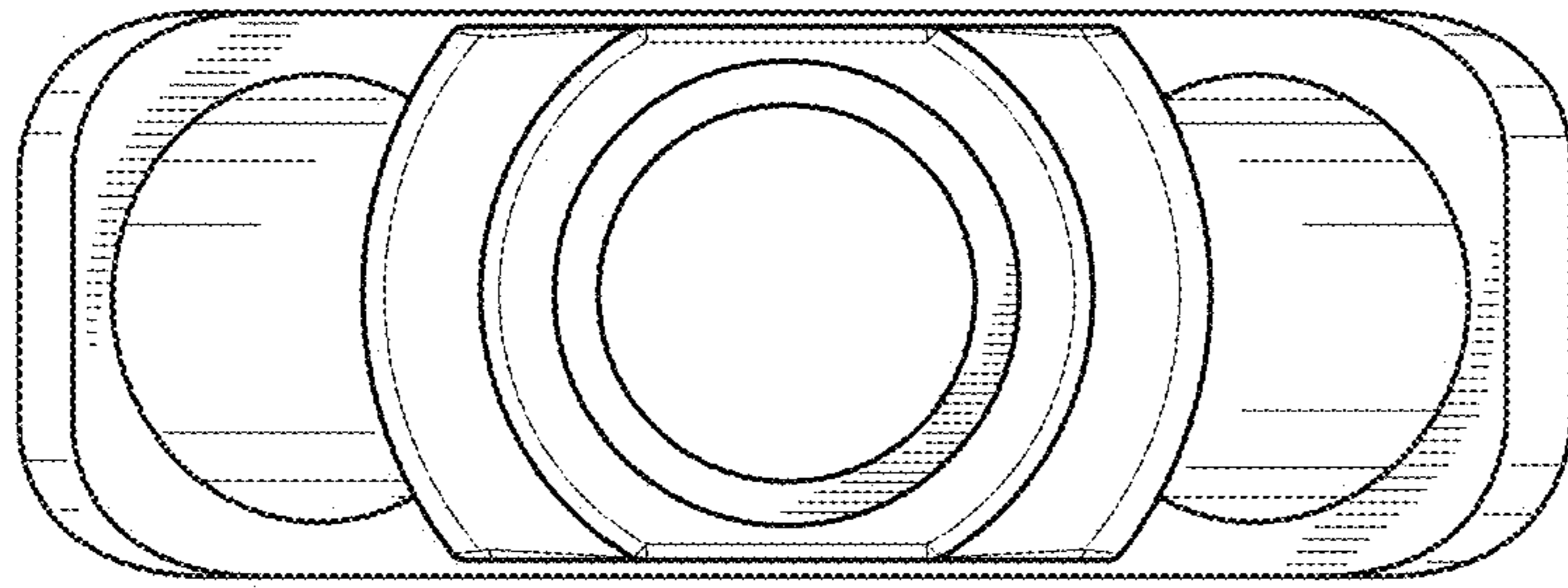


FIG. 8

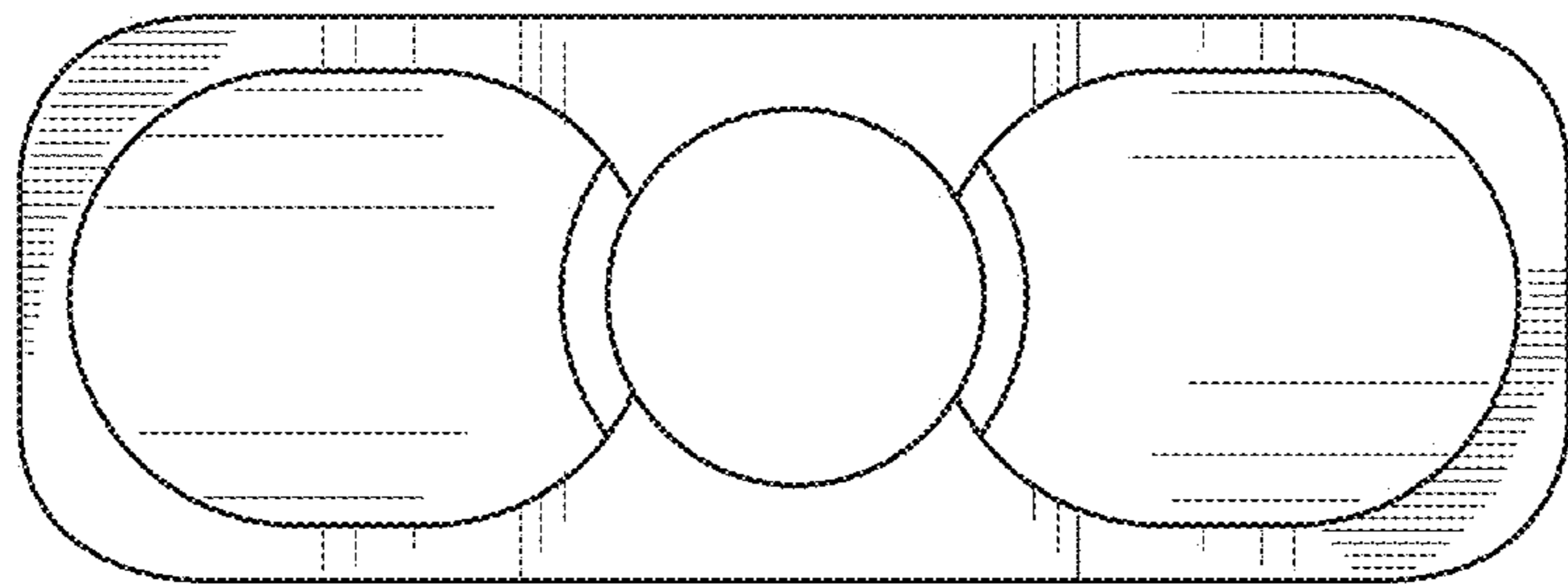


FIG. 7

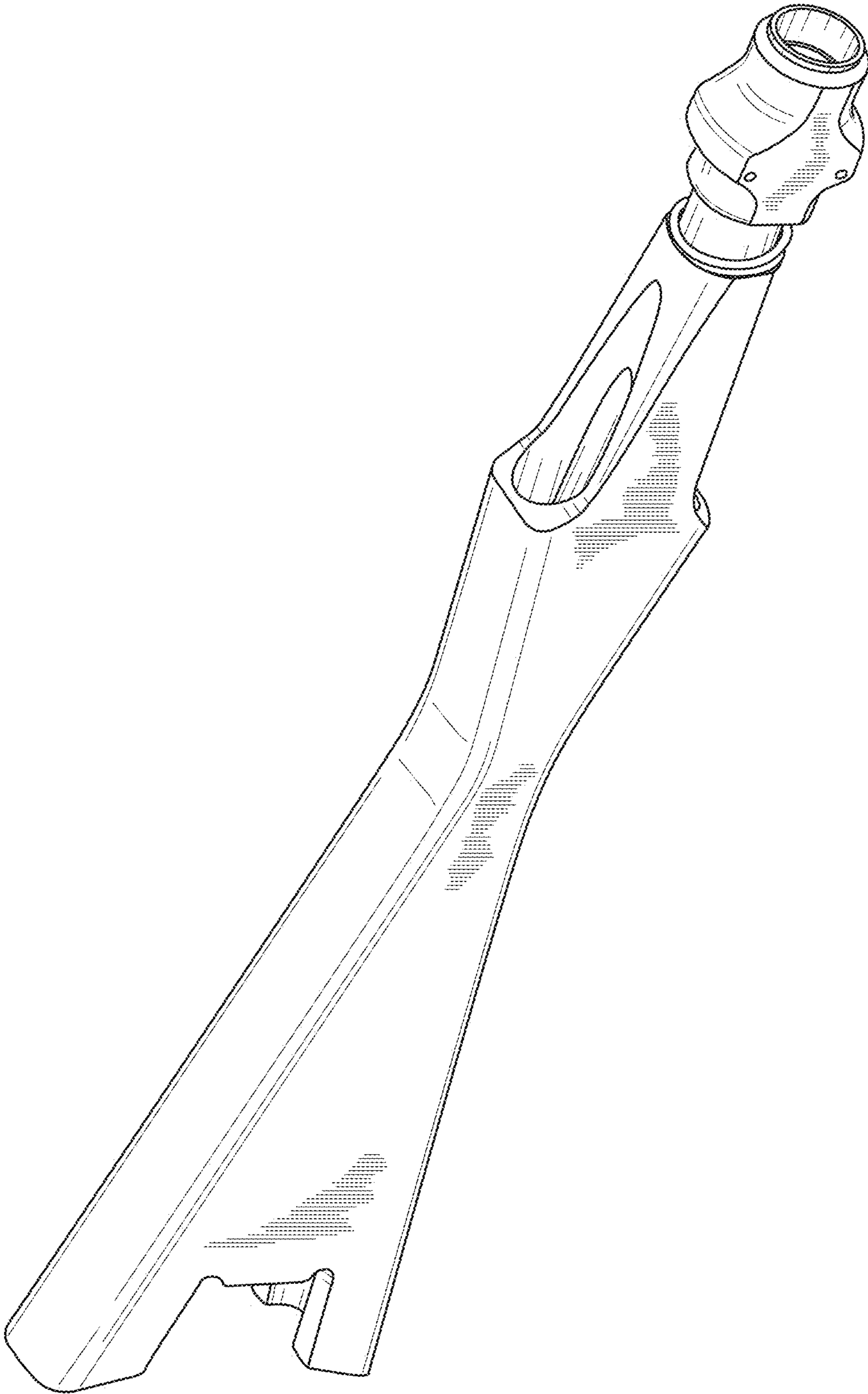


FIG. 9

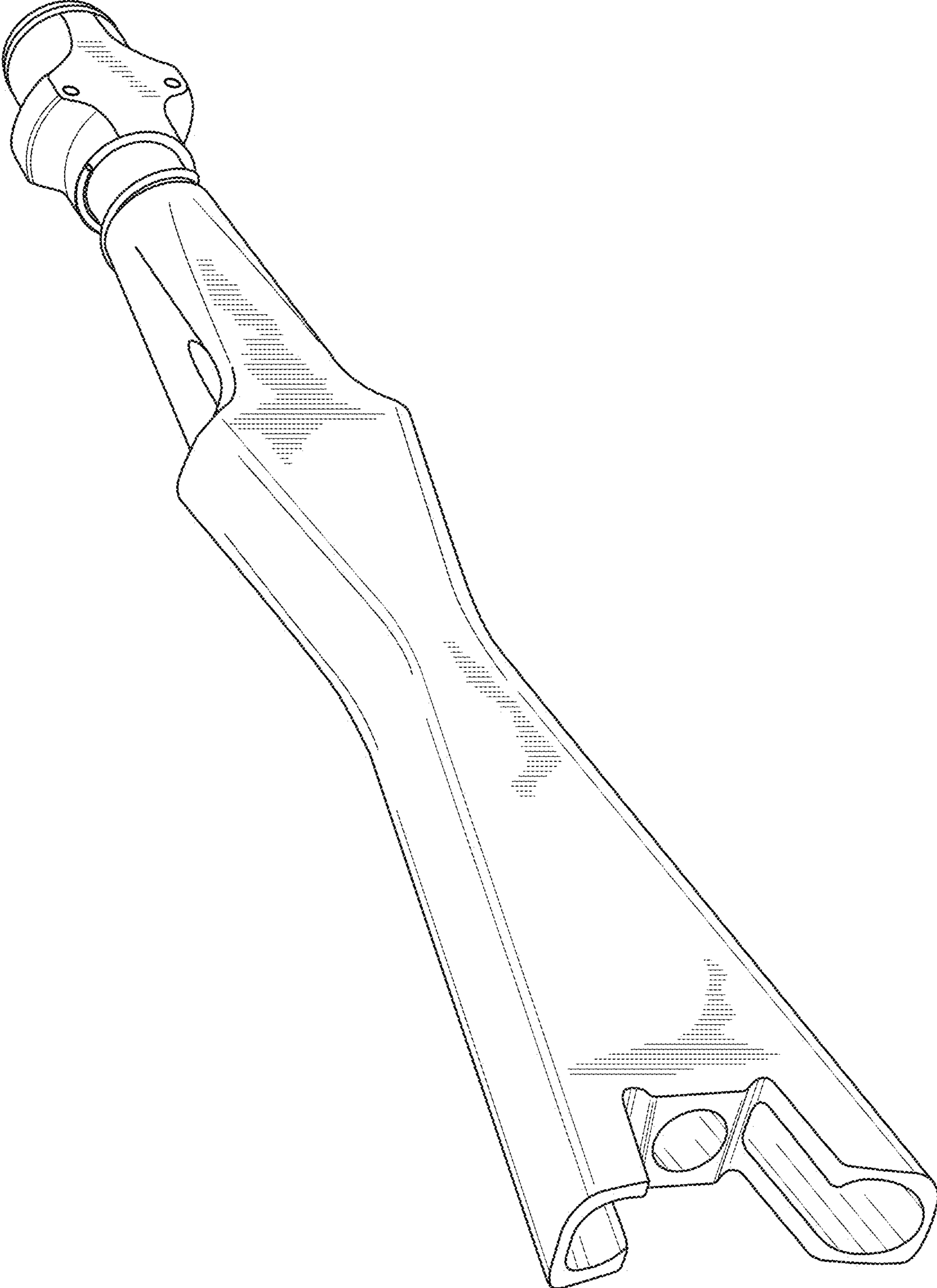


FIG. 10

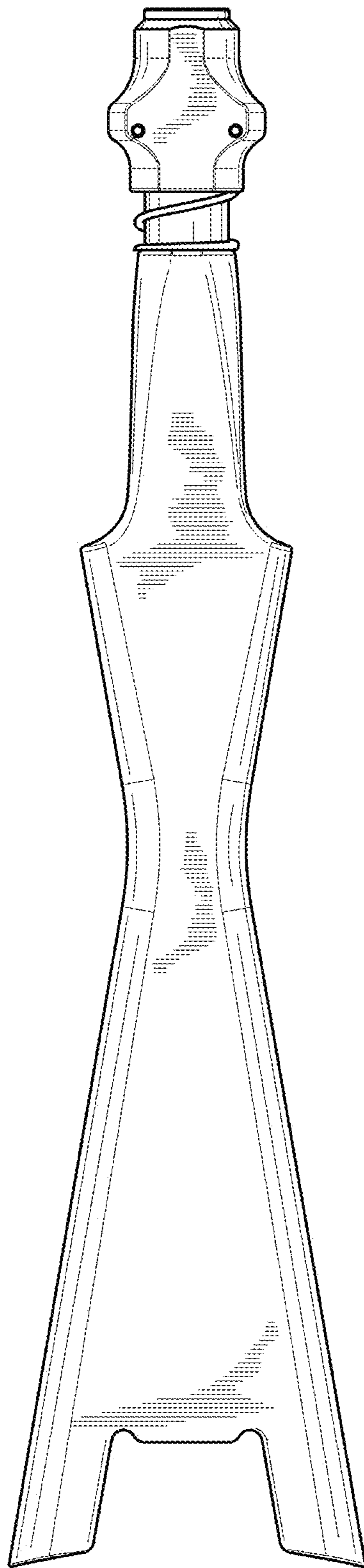


FIG. 11

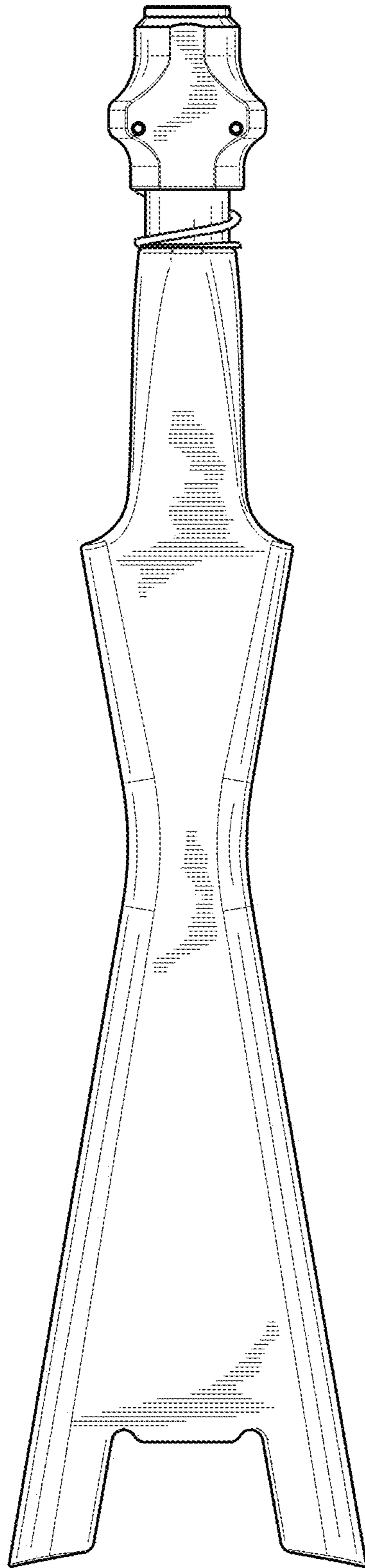


FIG. 12

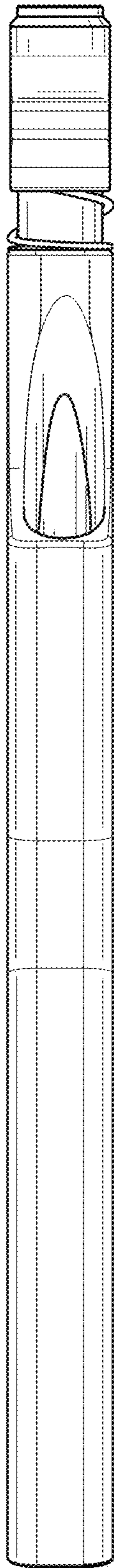


FIG. 13



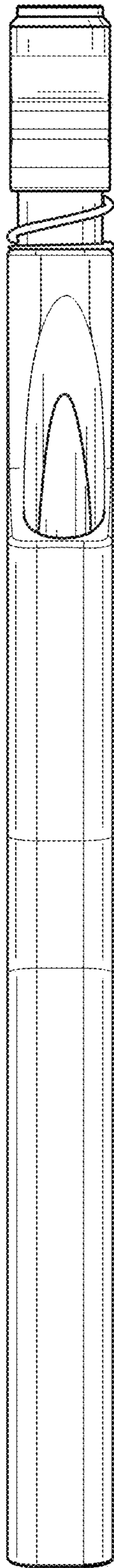


FIG. 14

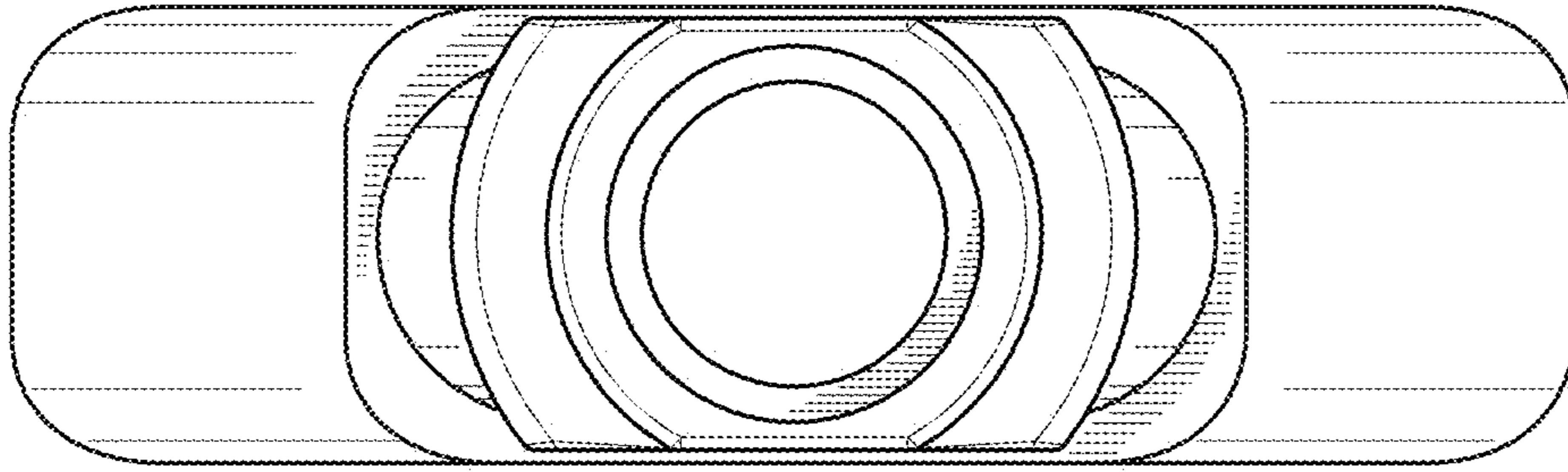


FIG. 16

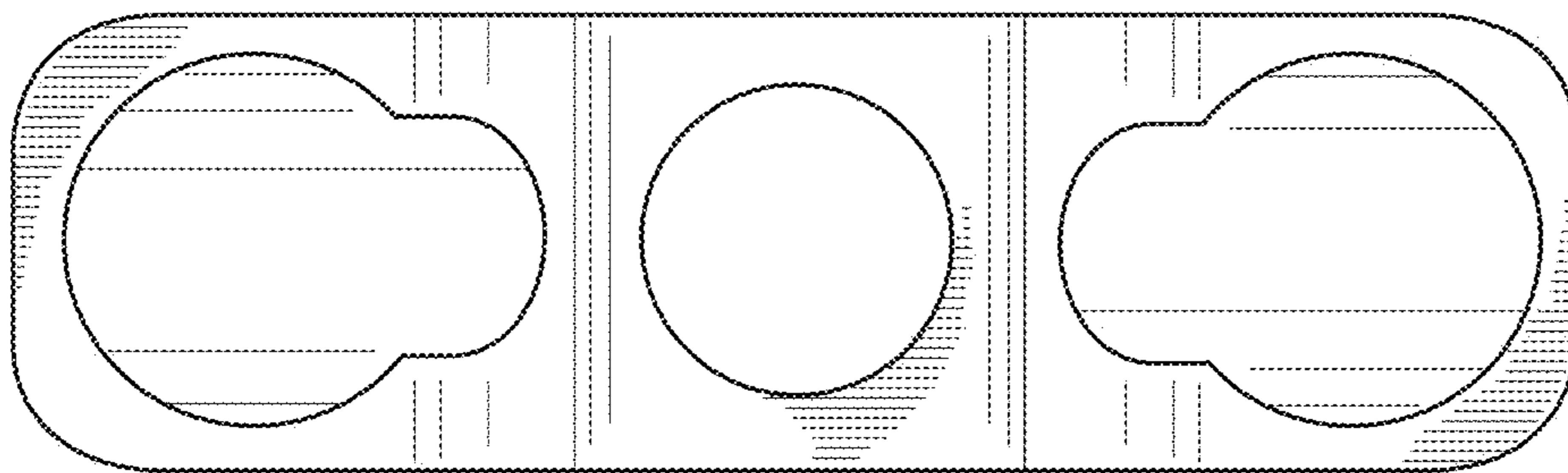


FIG. 15