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(12) **United States Design Patent**
Xu

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(54) **SWIVEL CONNECTOR**

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

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(51) **LOC (13) Cl.** **08-08**

(52) **U.S. Cl.**
USPC **D8/382**; D11/200

(58) **Field of Classification Search**
USPC D11/200, 201; D3/215, 318; D8/382,
D8/368, 349, 367; D19/121, 122;
D30/153
CPC A44B 15/00; A45F 2005/006; A45F
2005/025; A62B 35/0068; F16G 15/08;
F16B 45/00; F16B 45/02
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

- 721,801 A * 3/1903 Hooker F16G 15/08
59/95
- 1,537,785 A * 5/1925 Parker F16G 11/143
59/95
- 1,545,377 A * 7/1925 Westmoreland B66C 1/36
294/82.2
- 1,677,814 A * 7/1928 Close F16B 45/02
294/82.19
- D208,815 S * 10/1967 Hubbard D8/349
- D281,222 S * 11/1985 Faidide D8/382
- D413,252 S * 8/1999 Striebel D8/367
- D474,394 S * 5/2003 Smith D8/349

- D486,055 S * 2/2004 Fiorentino D8/354
- D492,576 S * 7/2004 Fiorentino B66C 1/36
D8/354
- D539,697 S * 4/2007 Mackay F16B 45/02
D11/200
- D753,019 S 4/2016 Chan
- D801,162 S * 10/2017 Xie F16G 15/08
D8/367
- D877,600 S * 3/2020 Chen F16G 11/143
D8/373

OTHER PUBLICATIONS

Woojin Plastic Dee Loop, no date available, [online], [site visited Jul. 16, 2021]. Retrieved from url:http://www.woojinplastic.com/kr/product/view.php?idx=195&part1_idx=24&part_idx=39 (Year: 2021).*

* cited by examiner

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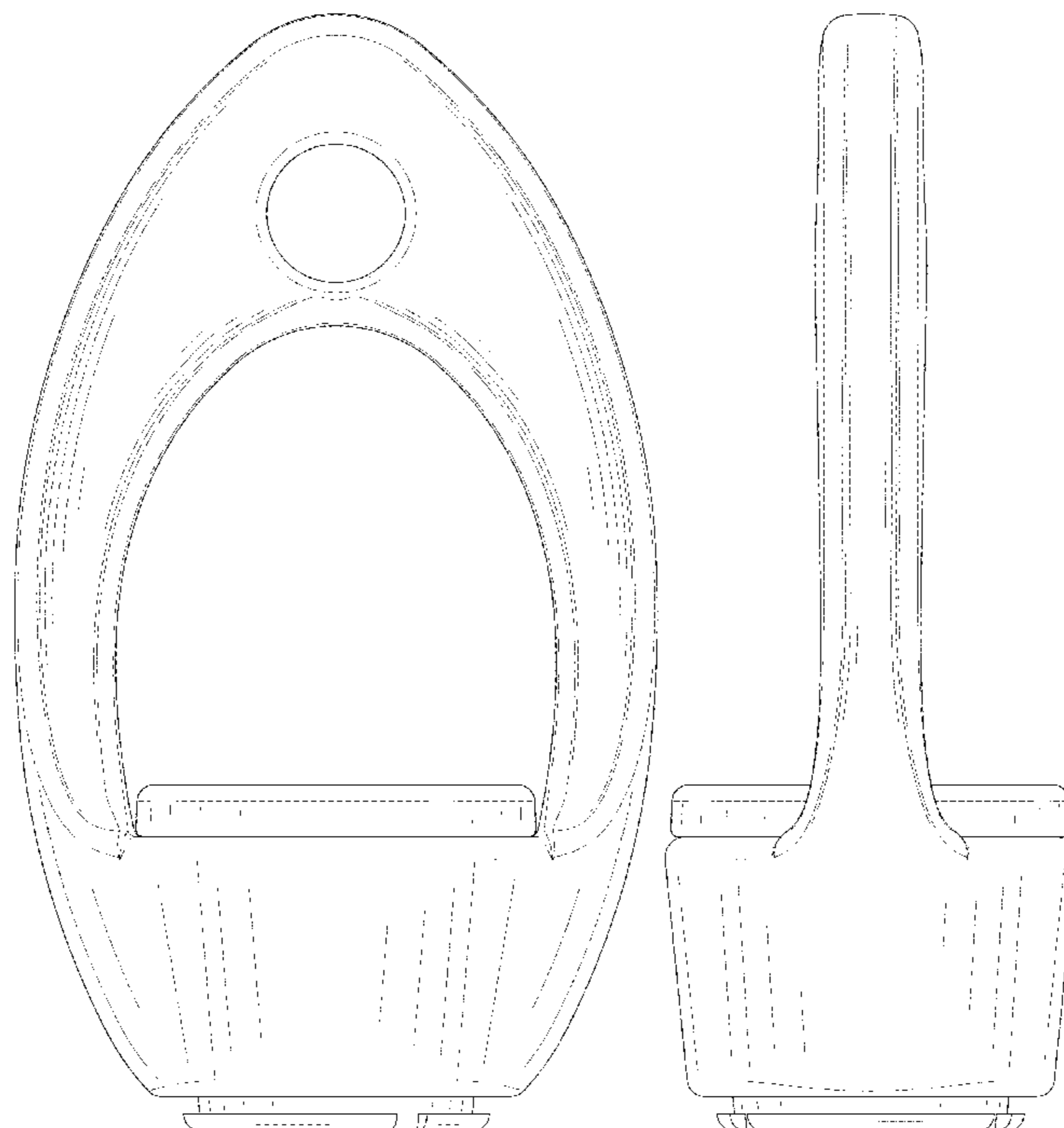
(57) **CLAIM**

The ornamental design for a swivel connector, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of a swivel connector, showing my design.
FIG. 2 is a bottom perspective view thereof.
FIG. 3 is a front elevation view thereof.
FIG. 4 is a rear elevation view thereof.
FIG. 5 is a left side elevation thereof.
FIG. 6 is a right side elevation thereof.
FIG. 7 is a top plan view thereof; and,
FIG. 8 is a bottom plan view thereof.

1 Claim, 8 Drawing Sheets



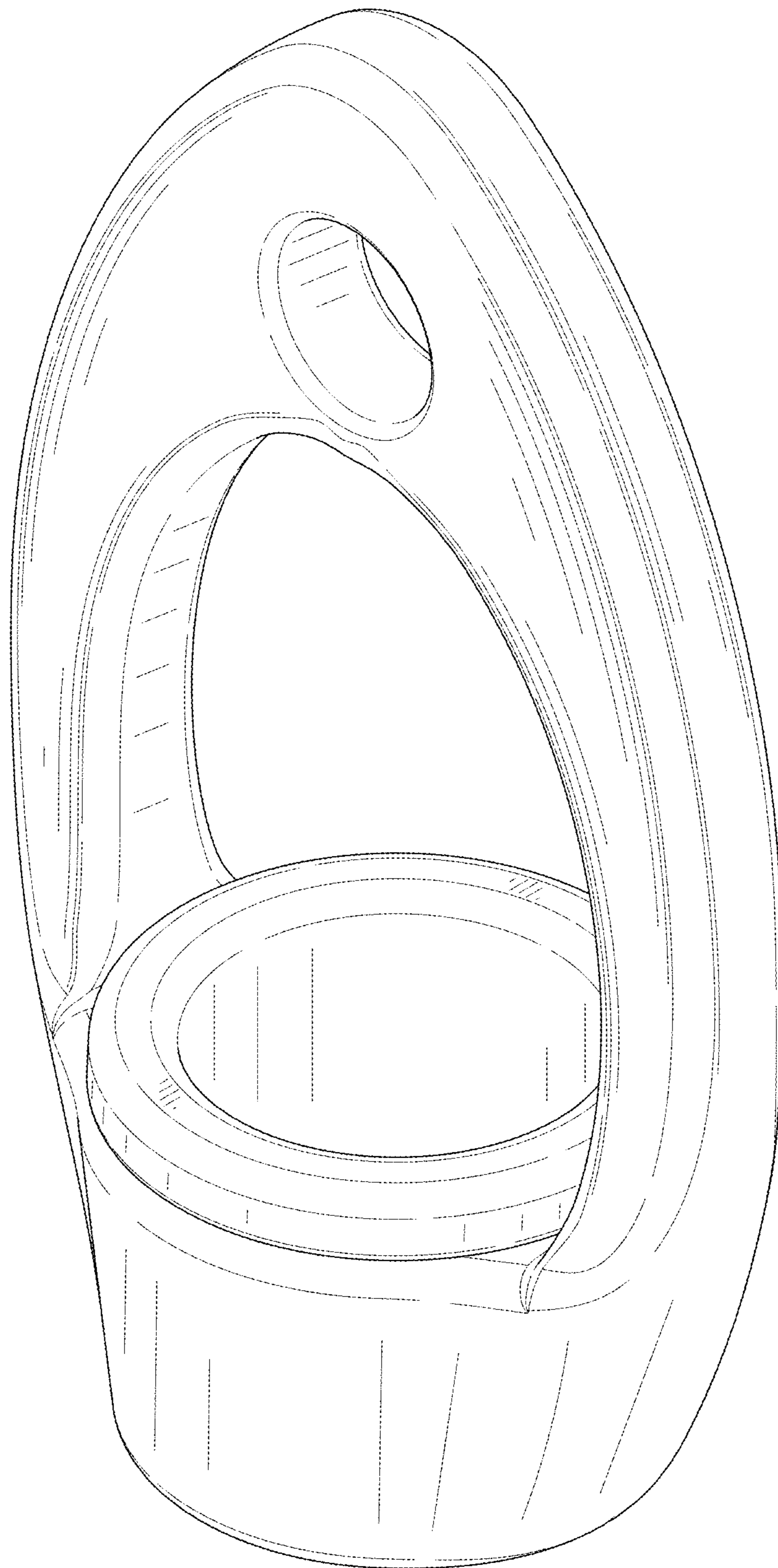


FIG. 1

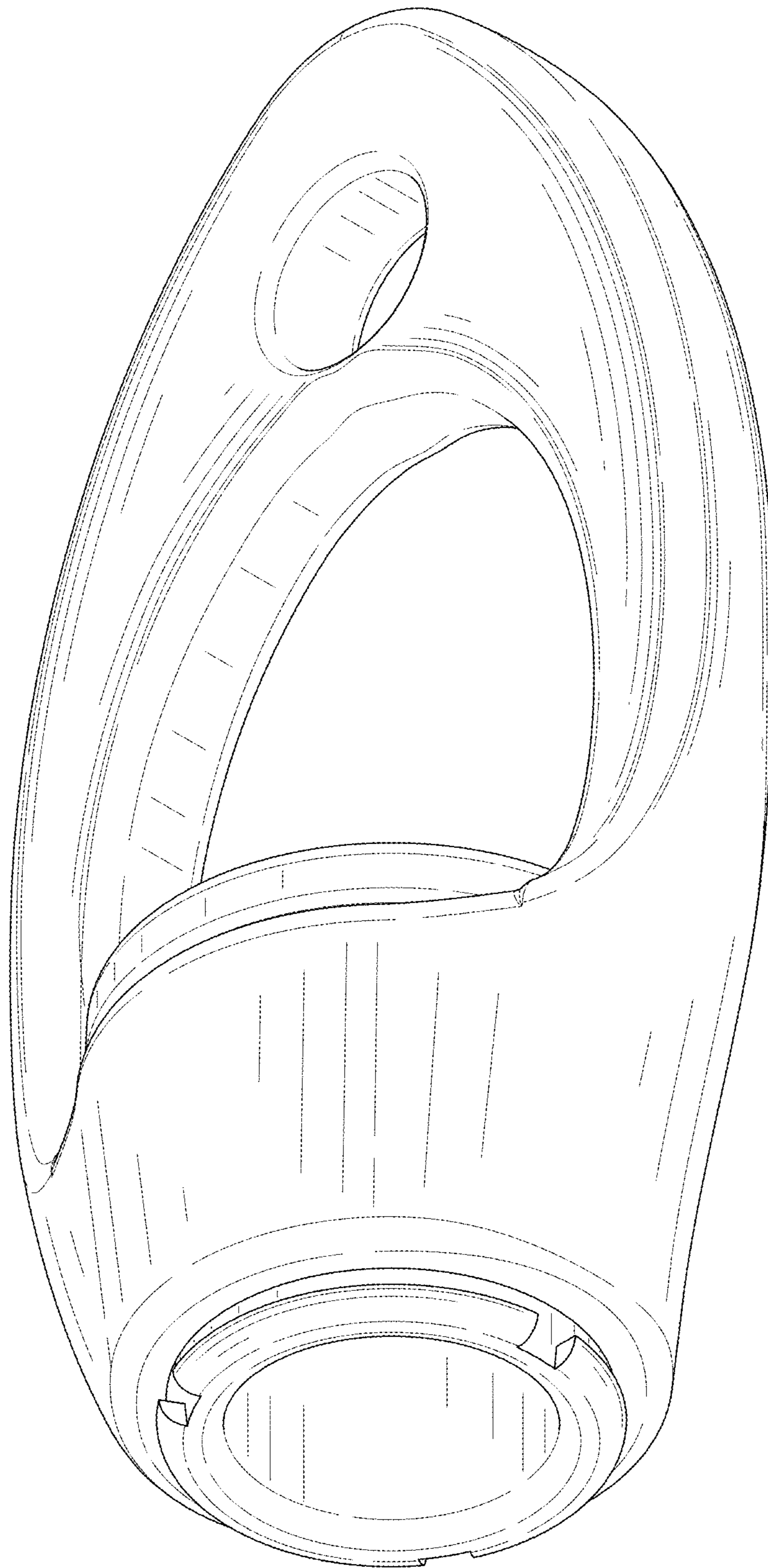


FIG. 2

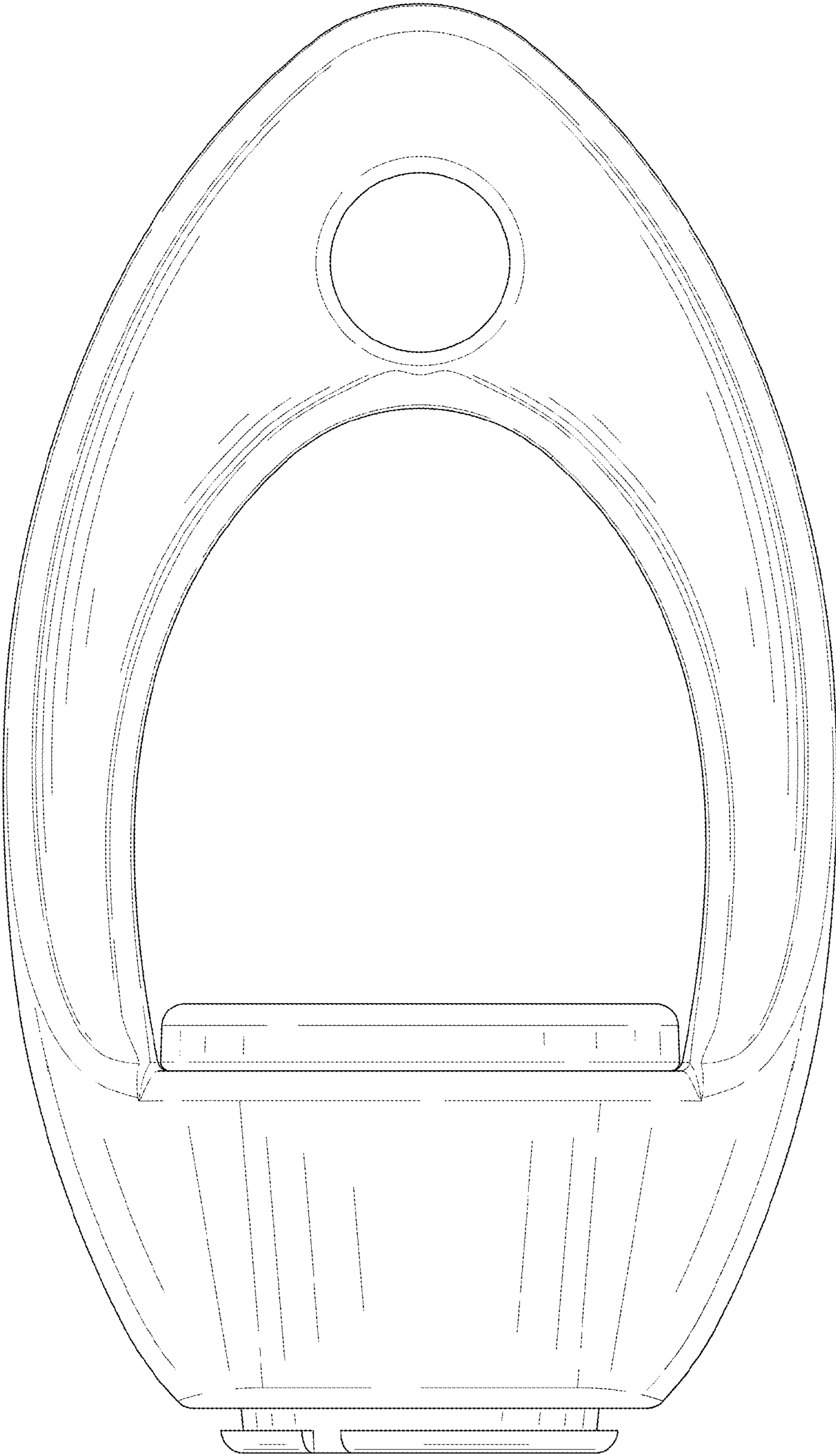


FIG. 3

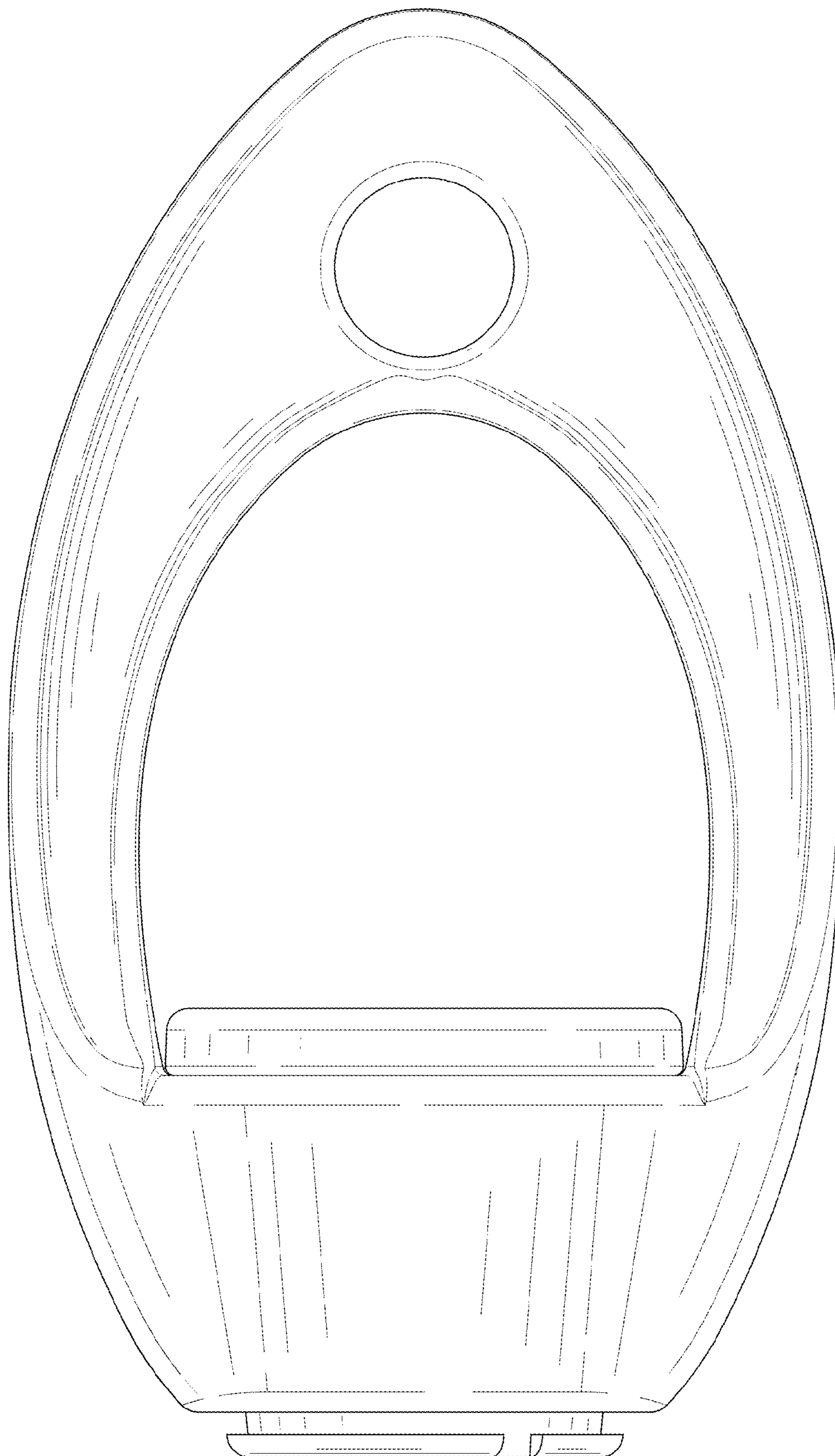


FIG. 4

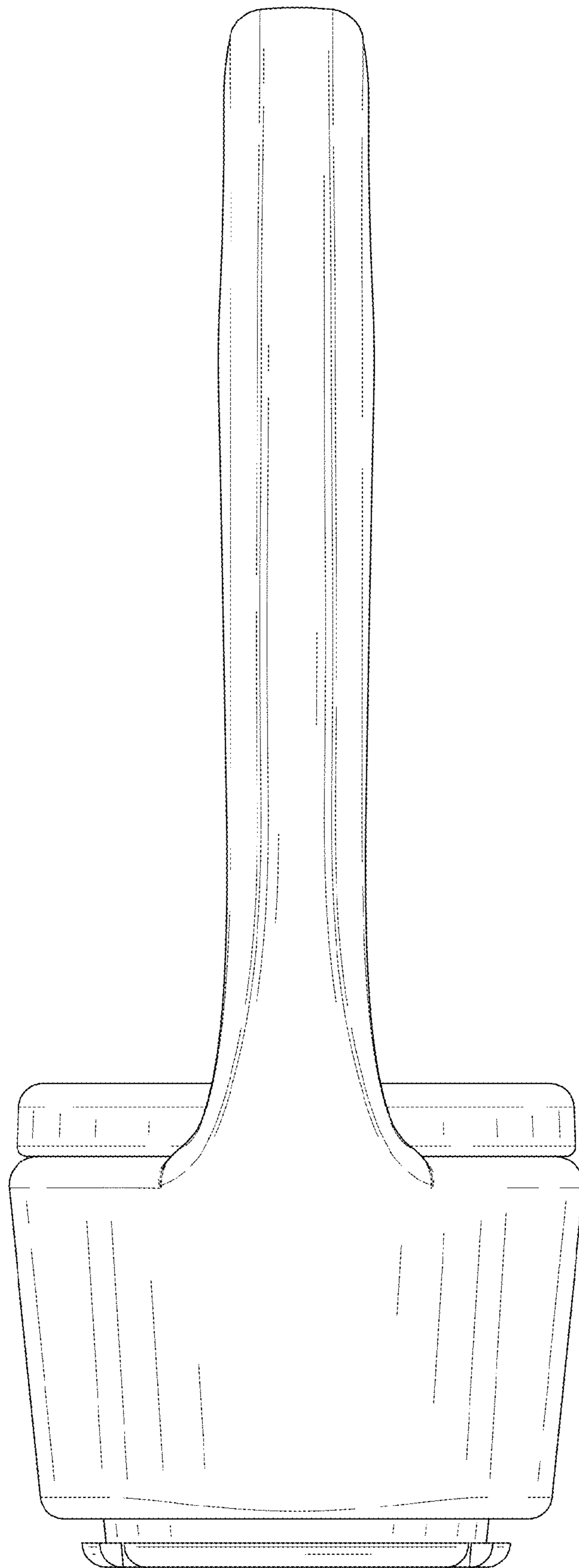


FIG. 5

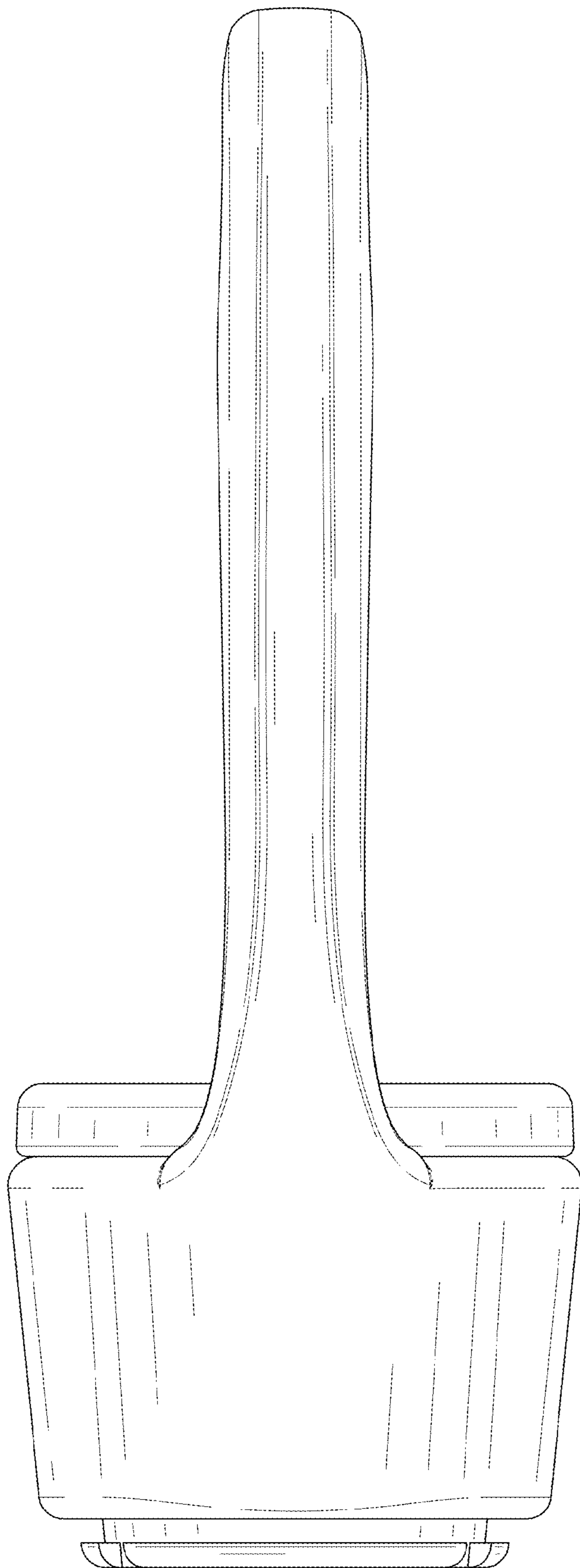


FIG. 6

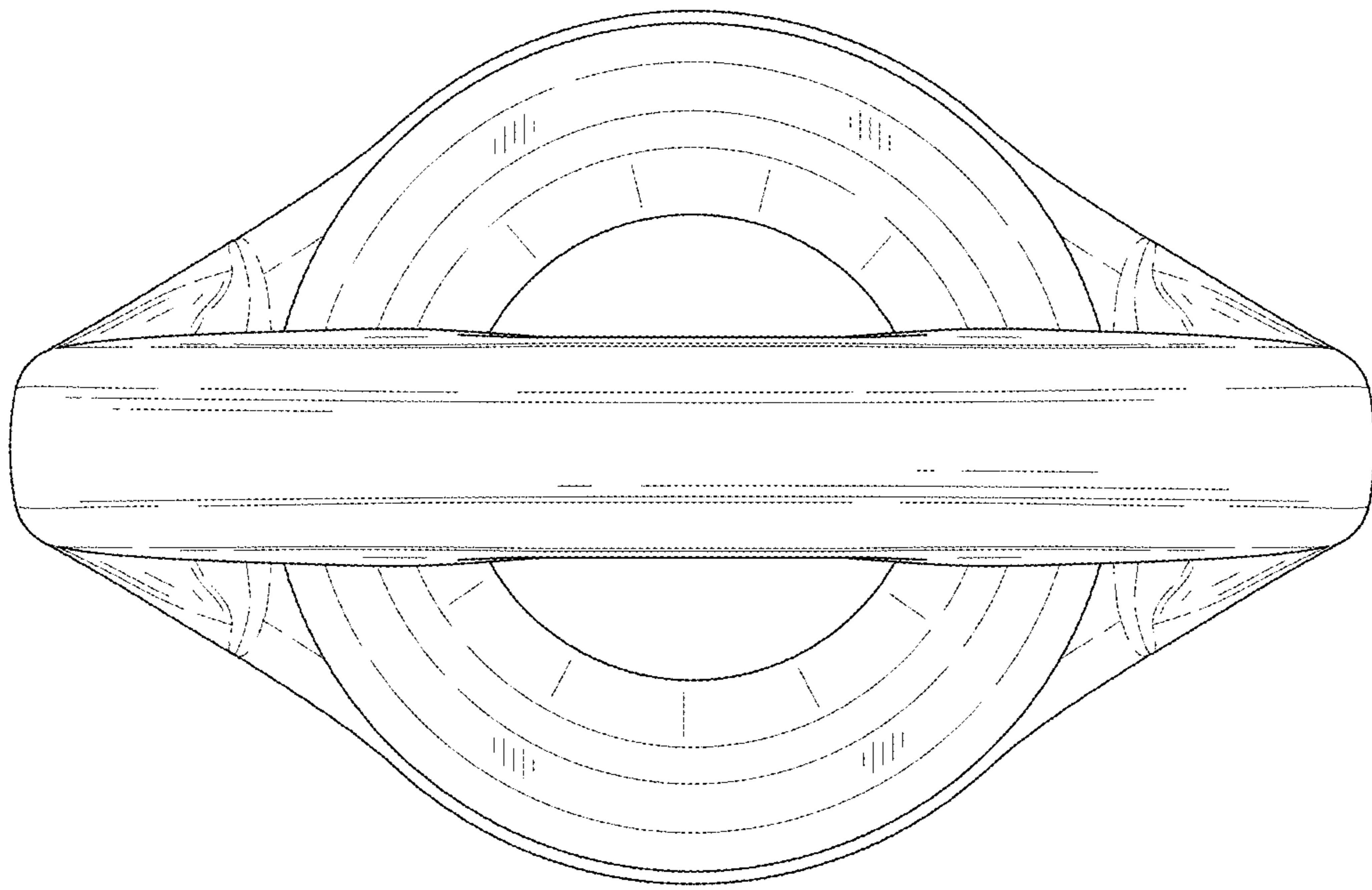


FIG. 7

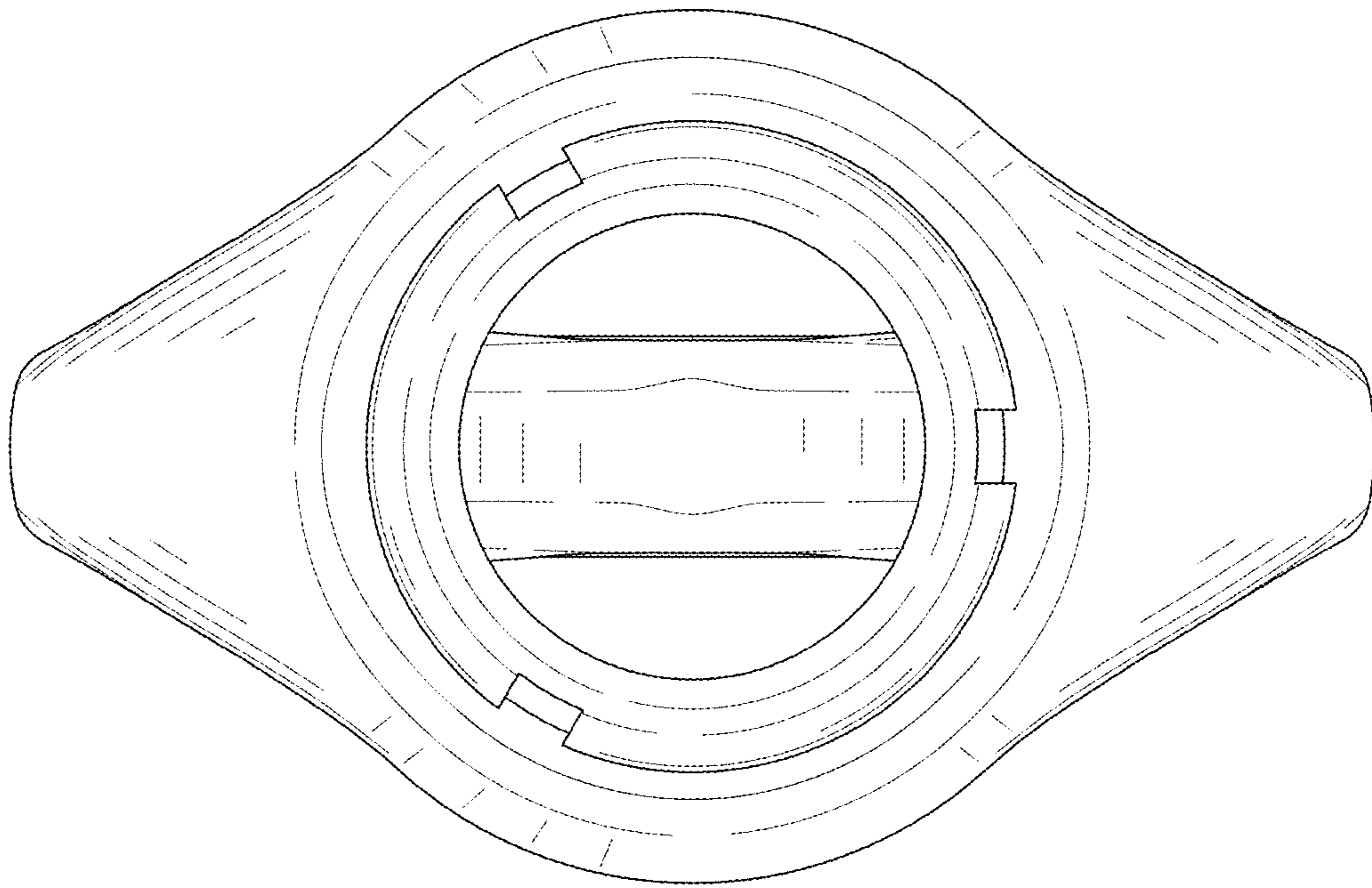


FIG. 8