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Shick et al.

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(54) **ELBOW CONNECTOR WITH SEALING PORT FOR RESPIRATORY THERAPY**

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

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(30) **Foreign Application Priority Data**

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(51) **LOC (9) Cl.** **29-02**

(52) **U.S. Cl.**
USPC **D24/110.1**

(58) **Field of Classification Search** ... D24/110.1-110.5;
128/204.18-207.17
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D454,199 S * 3/2002 Lamping et al. D24/190
6,668,825 B2 * 12/2003 Cardon 128/202.27

D535,023 S * 1/2007 Smart et al. D24/110.1
D578,206 S * 10/2008 Hitchcock et al. D24/110.1
D612,481 S * 3/2010 Reid et al. D24/110.1
D612,482 S * 3/2010 Degabriele et al. D24/110.1
D637,283 S * 5/2011 Selvarajan et al. D24/110.1
D651,304 S * 12/2011 Edwards et al. D24/110.5
D652,913 S * 1/2012 Selvarajan et al. D24/110.1
8,096,301 B2 * 1/2012 Smith et al. 128/207.18
8,267,091 B2 * 9/2012 Smith et al. 128/207.18
2006/0076019 A1 * 4/2006 Ho 128/206.24
2010/0300708 A1 * 12/2010 Raphael et al. 169/54
2011/0203591 A1 * 8/2011 Amarasinghe 128/205.25
2011/0265791 A1 * 11/2011 Ging et al. 128/202.27

* cited by examiner

Primary Examiner — Richard E Chilcot

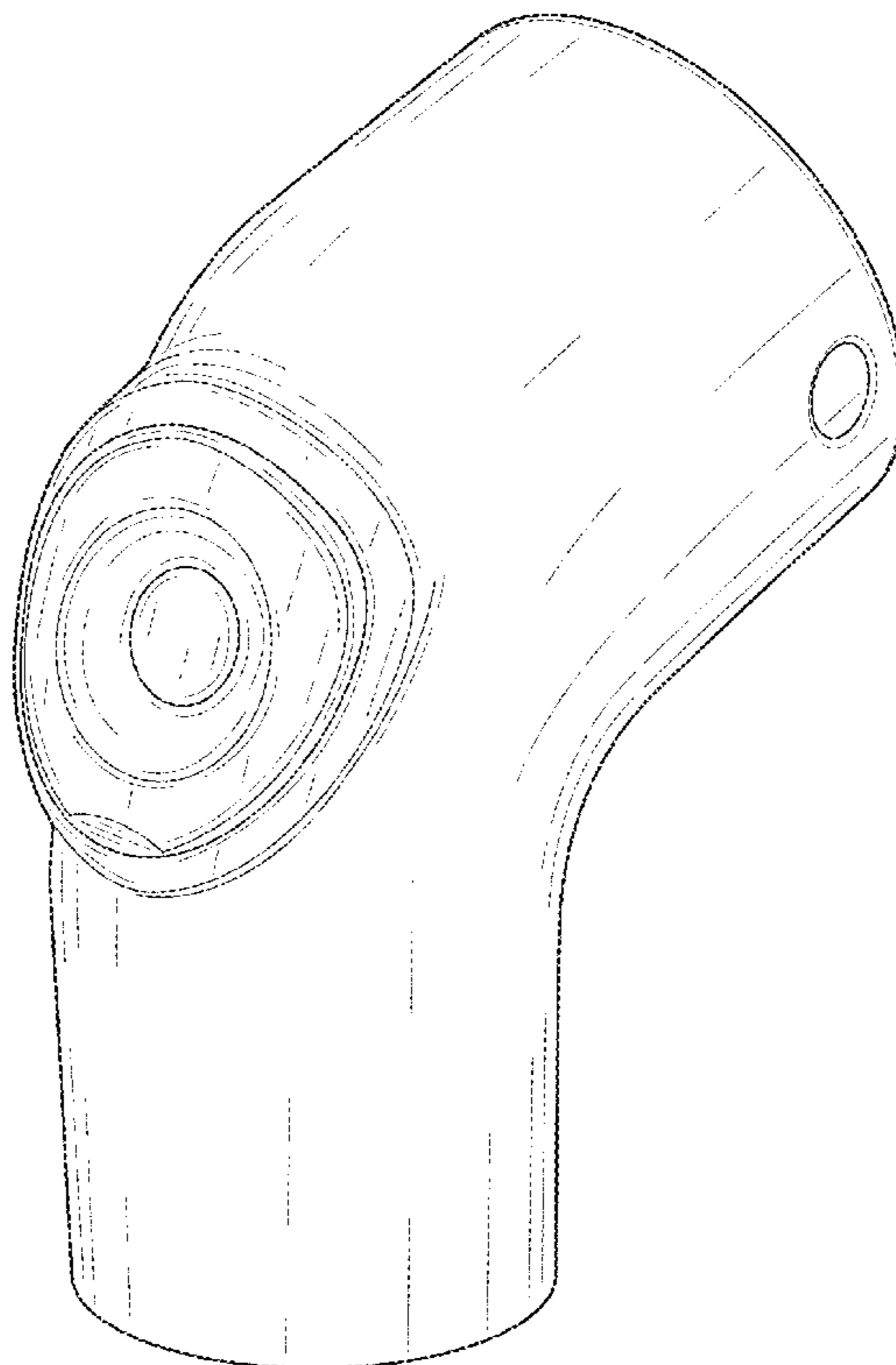
(57) **CLAIM**

The ornamental design for an elbow connector with sealing port for respiratory therapy, as shown.

DESCRIPTION

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

1 Claim, 7 Drawing Sheets



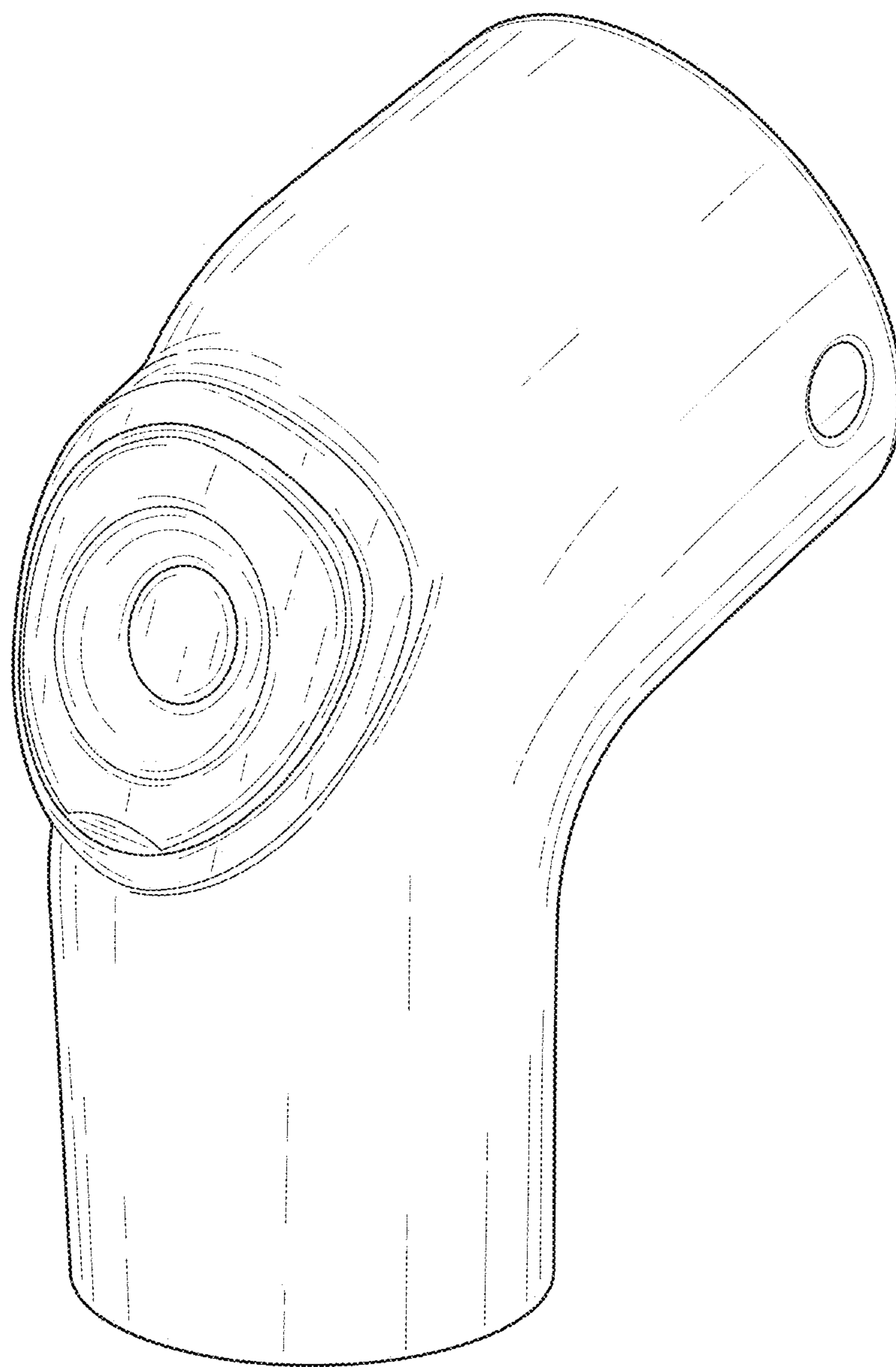


FIG. 1

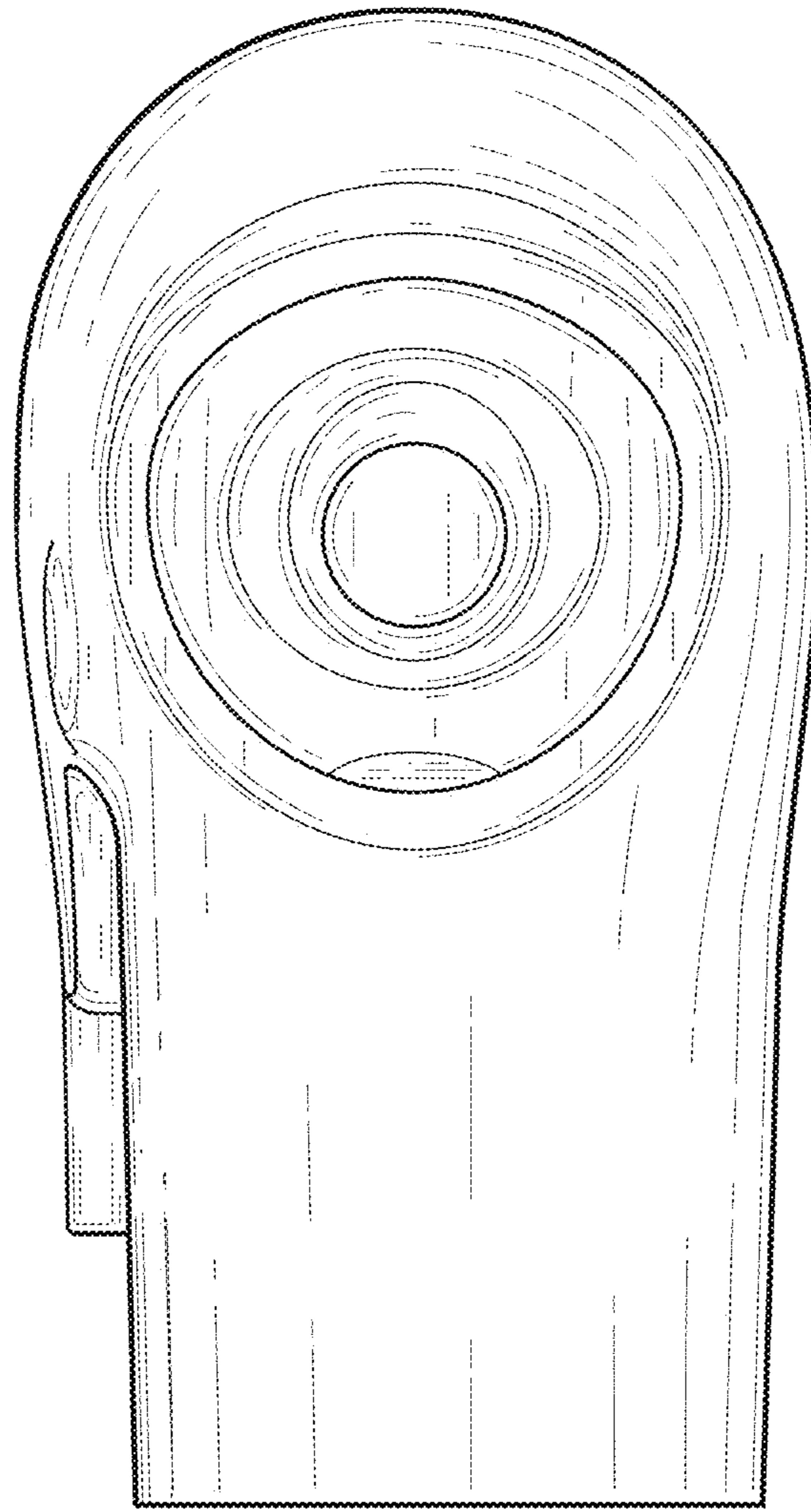


FIG. 2

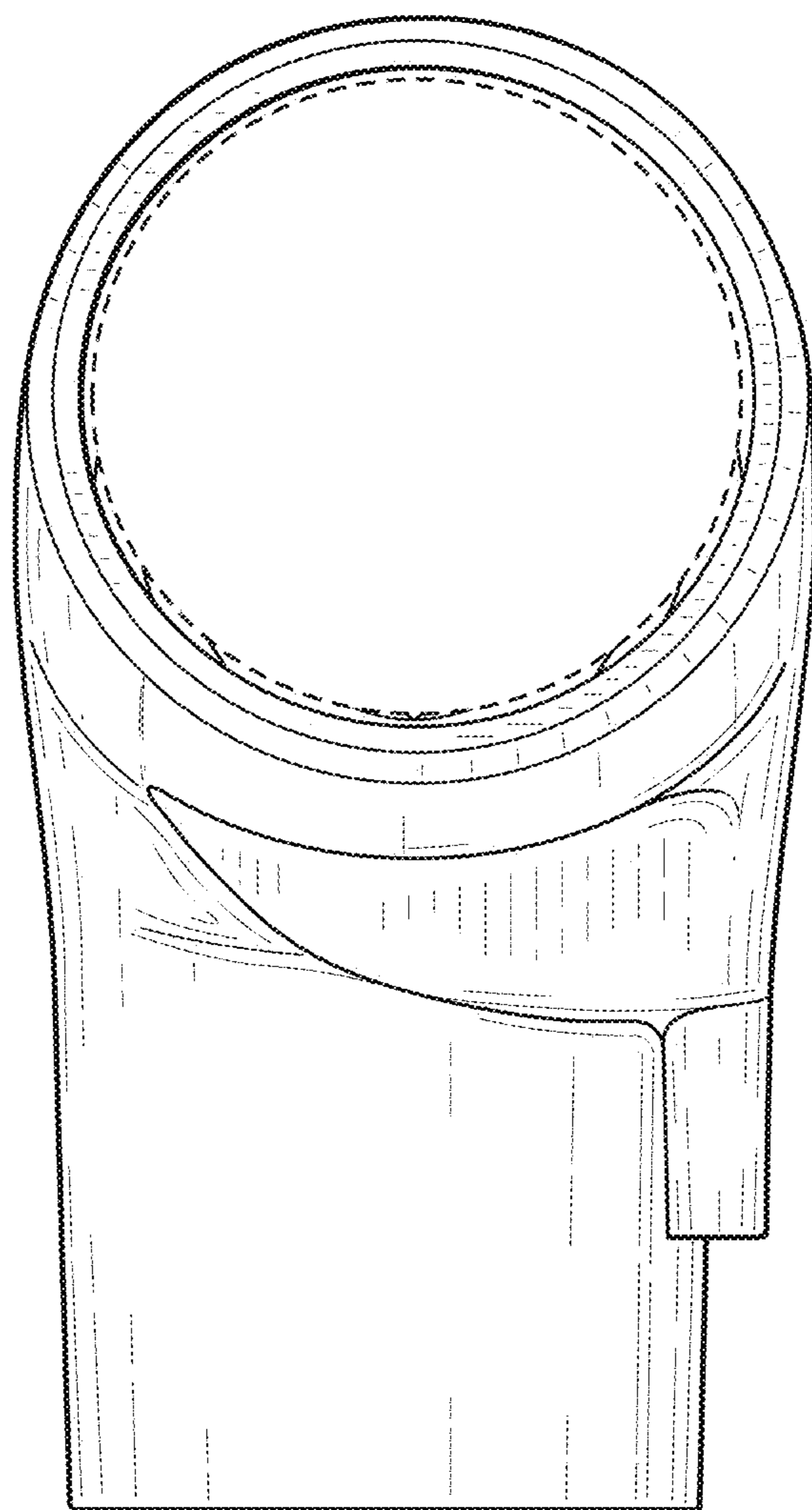


FIG. 3

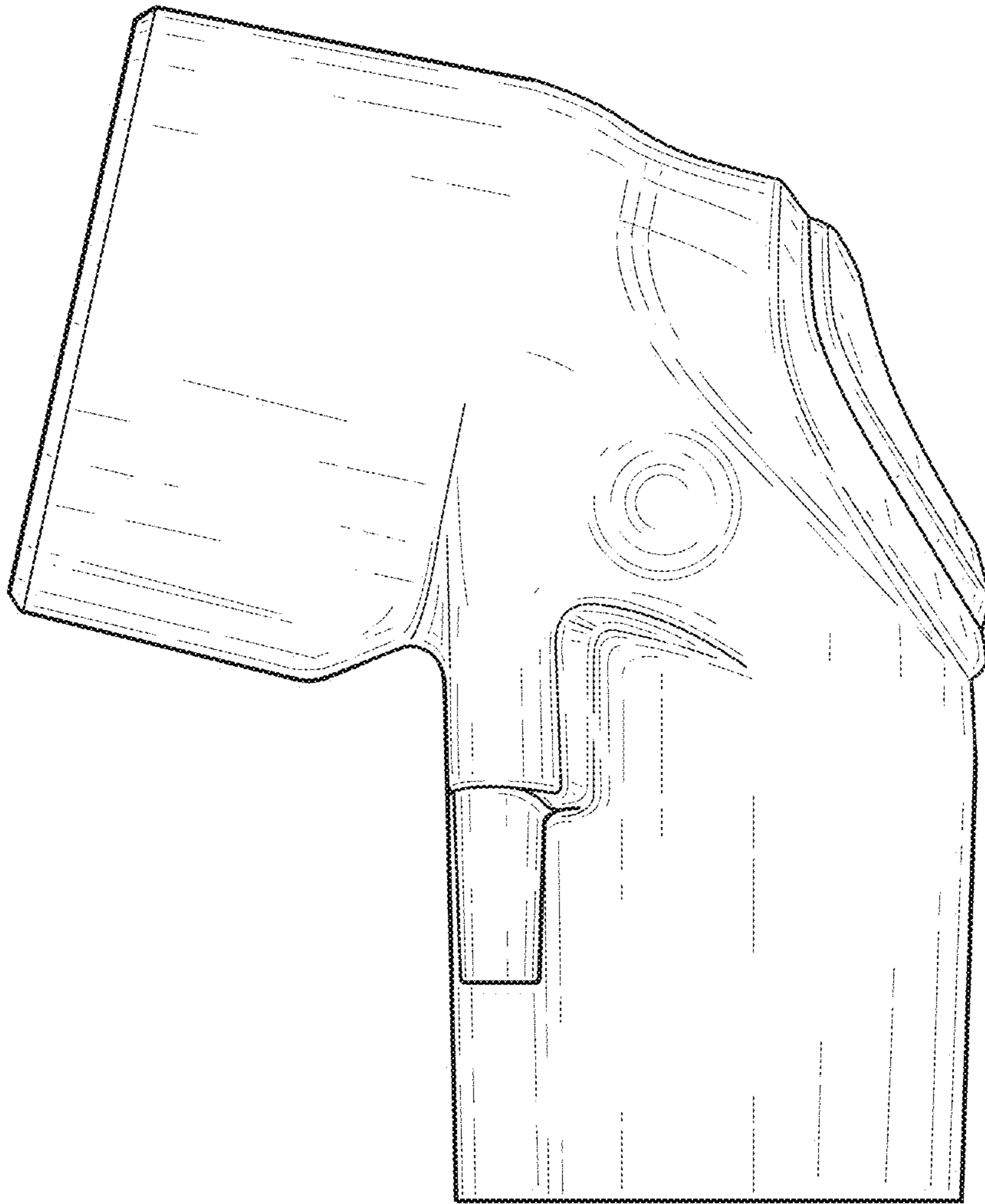


FIG. 4

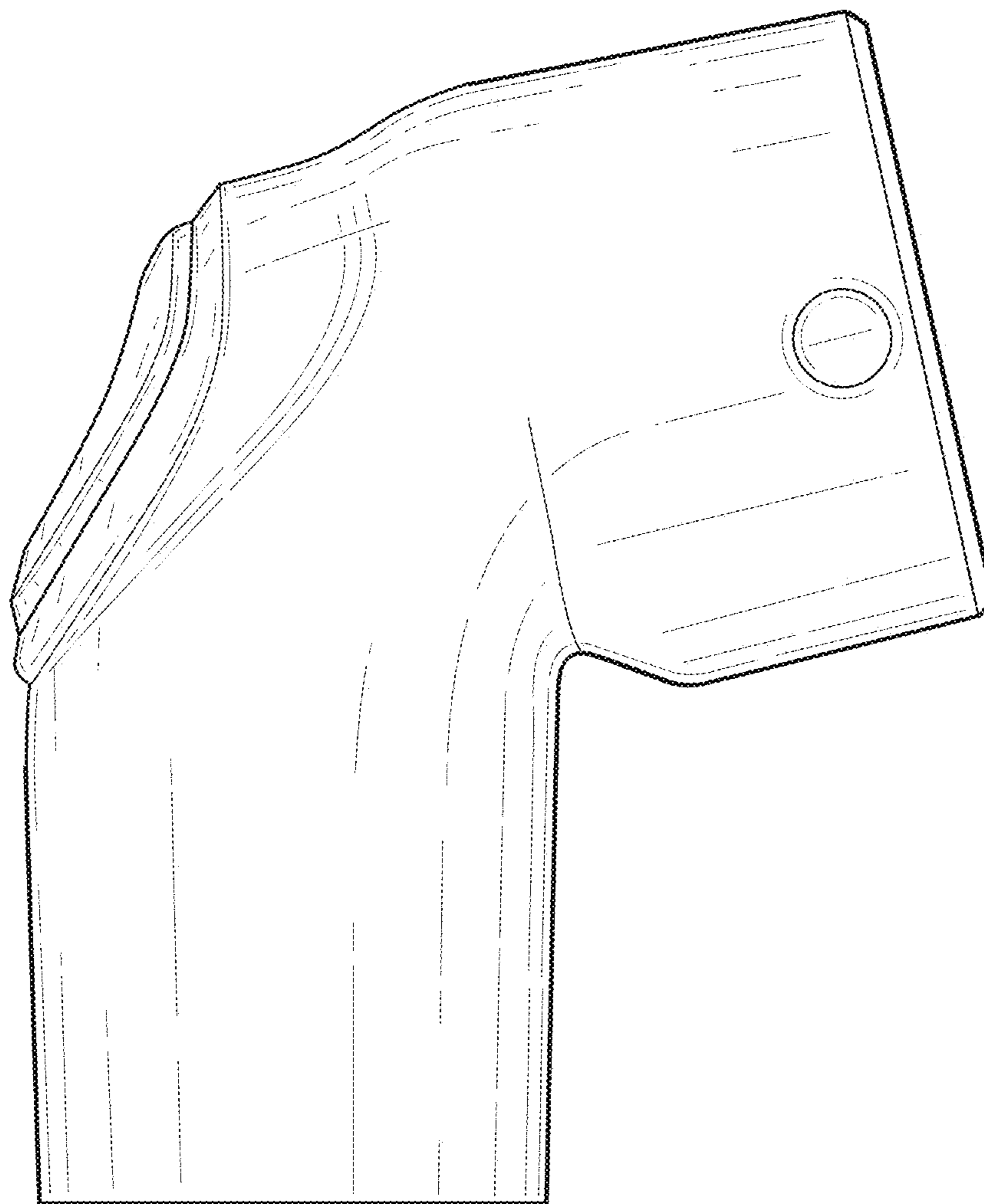


FIG. 5

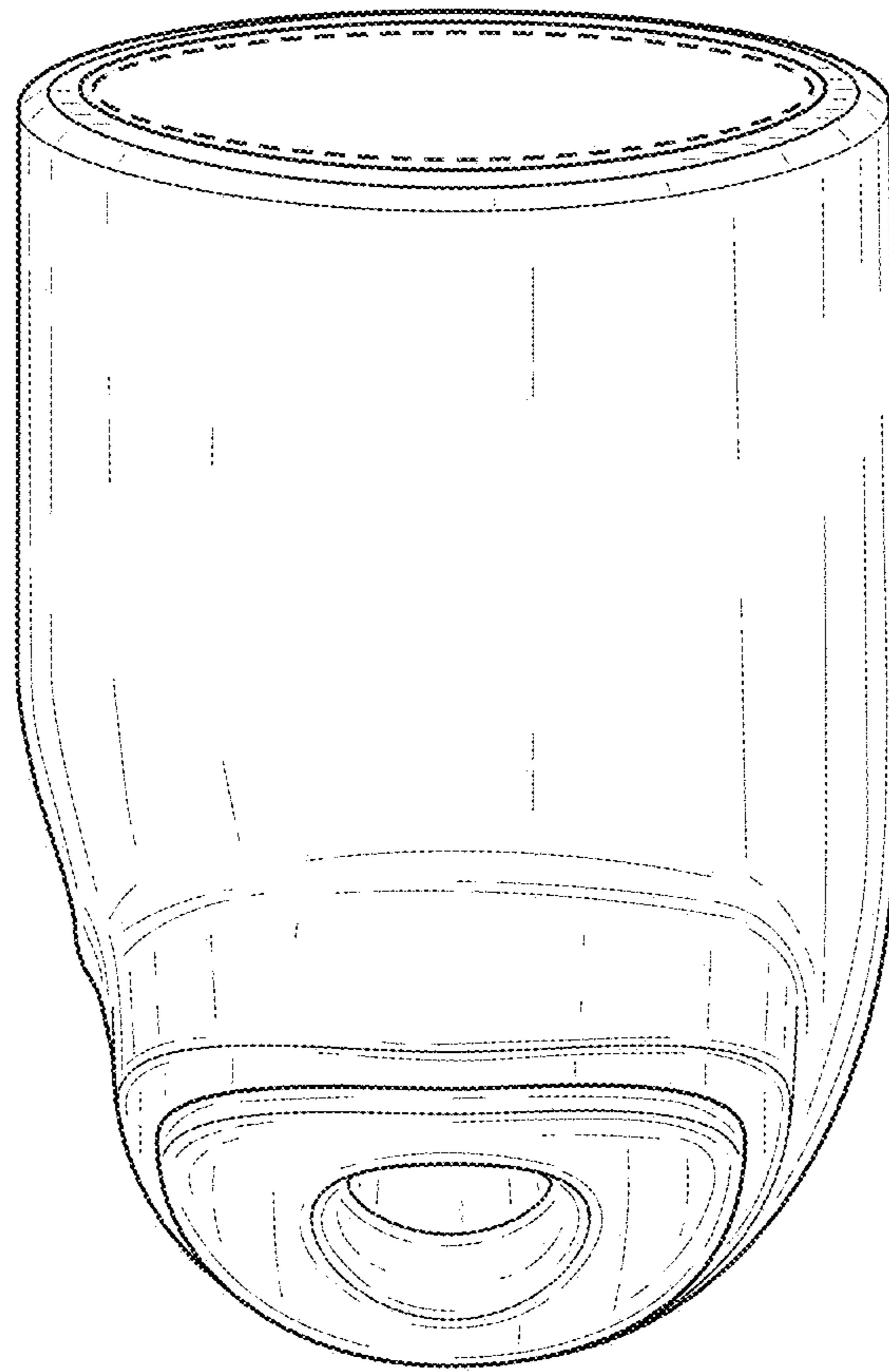


FIG. 6

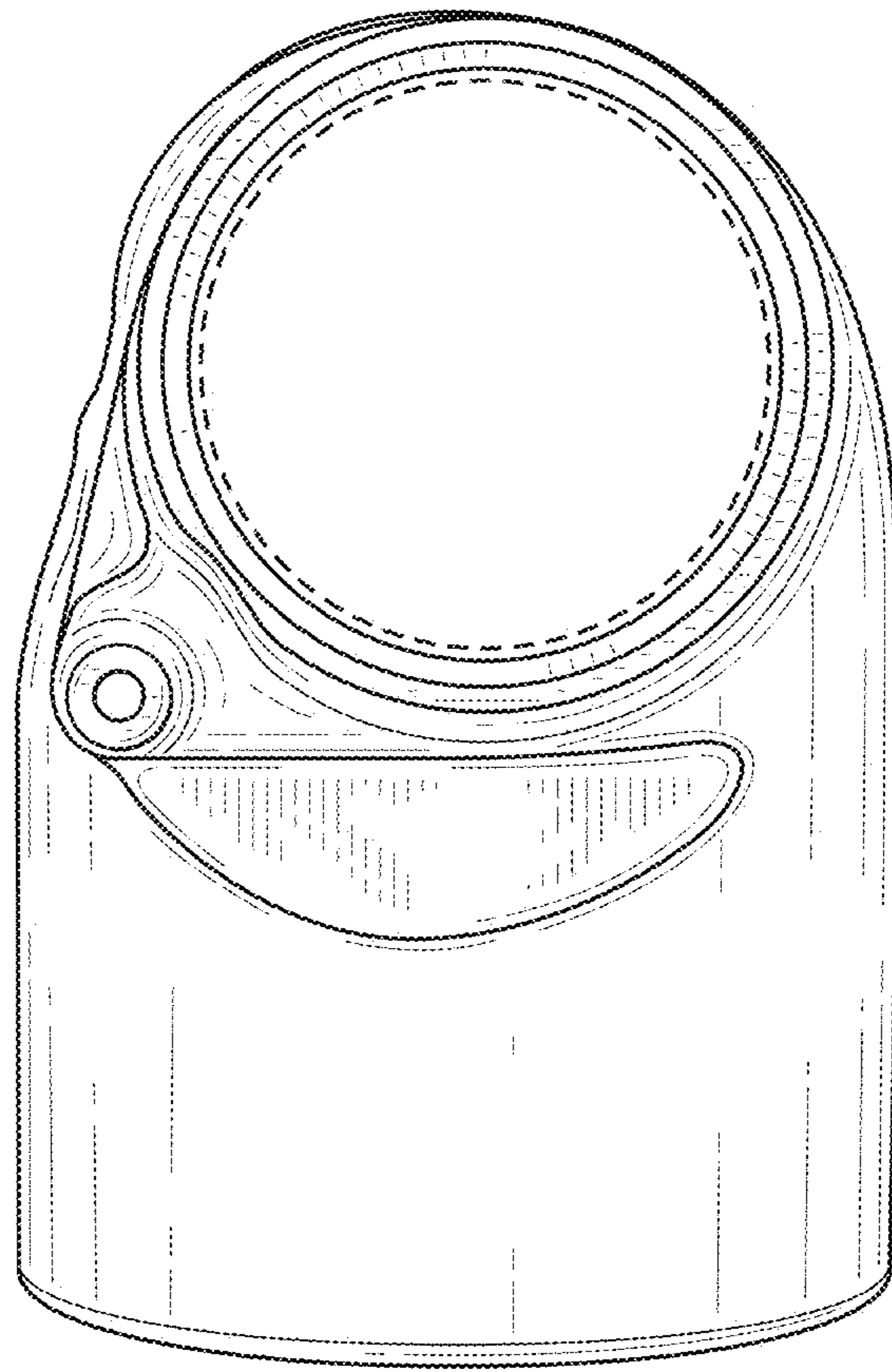


FIG. 7