



US00D867867S

(12) **United States Design Patent** (10) **Patent No.:** **US D867,867 S**
Tenander et al. (45) **Date of Patent:** **** *Nov. 26, 2019**

(54) **TUBING CLAMP**

(71) Applicant: **GE Healthcare Bio-Sciences Corp.**,
Marlborough, MA (US)

(72) Inventors: **Eric Tenander**, Westborough, MA
(US); **Ethan Michael Barrieau**,
Marlborough, MA (US); **Ralph**
Stankowski, Westborough, MA (US)

(73) Assignee: **GE Healthcare Bio-Sciences Corp.**,
Marlborough, MA (US)

(*) Notice: This patent is subject to a terminal dis-
claimer.

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

(21) Appl. No.: **29/635,283**

(22) Filed: **Jan. 30, 2018**

Related U.S. Application Data

(63) Continuation-in-part of application No. 29/612,253,
filed on Jul. 31, 2017.

(51) **LOC (12) Cl.** **08-08**

(52) **U.S. Cl.**
USPC **D8/394**

(58) **Field of Classification Search**
USPC D8/349, 382, 394, 395, 396
CPC . F16L 17/00; F16L 17/04; F16L 21/06; F16L
21/08; F16L 23/00; F16L 23/08;
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,186,947 A * 2/1980 Nixon F16L 17/04
285/112

D309,094 S * 7/1990 Donis D23/265

D318,123 S * 7/1991 Yokoyama D24/129
(Continued)

Primary Examiner — John Windmuller

Assistant Examiner — Steven J Czyz

(74) *Attorney, Agent, or Firm* — Eversheds Sutherland
(US) LLP

(57) **CLAIM**

The ornamental design for a tubing clamp, as shown and
described.

DESCRIPTION

FIG. 1 is a rear view of a tubing clamp in a closed
configuration;

FIG. 2 is a bottom view thereof;

FIG. 3 is a front view thereof;

FIG. 4 is a top, right perspective view thereof;

FIG. 5 is a top, left perspective view thereof;

FIG. 6 is a bottom, left perspective view thereof;

FIG. 7 is a bottom, right perspective view thereof;

FIG. 8 is a left side view thereof;

FIG. 9 is a right side view thereof;

FIG. 10 is a top view thereof;

FIG. 11 is a rear view of the tubing clamp in an open
configuration;

FIG. 12 is a bottom view thereof;

FIG. 13 is a front view thereof;

FIG. 14 is a top, right perspective view thereof;

FIG. 15 is a top, left perspective view thereof;

FIG. 16 is a bottom, left perspective view thereof;

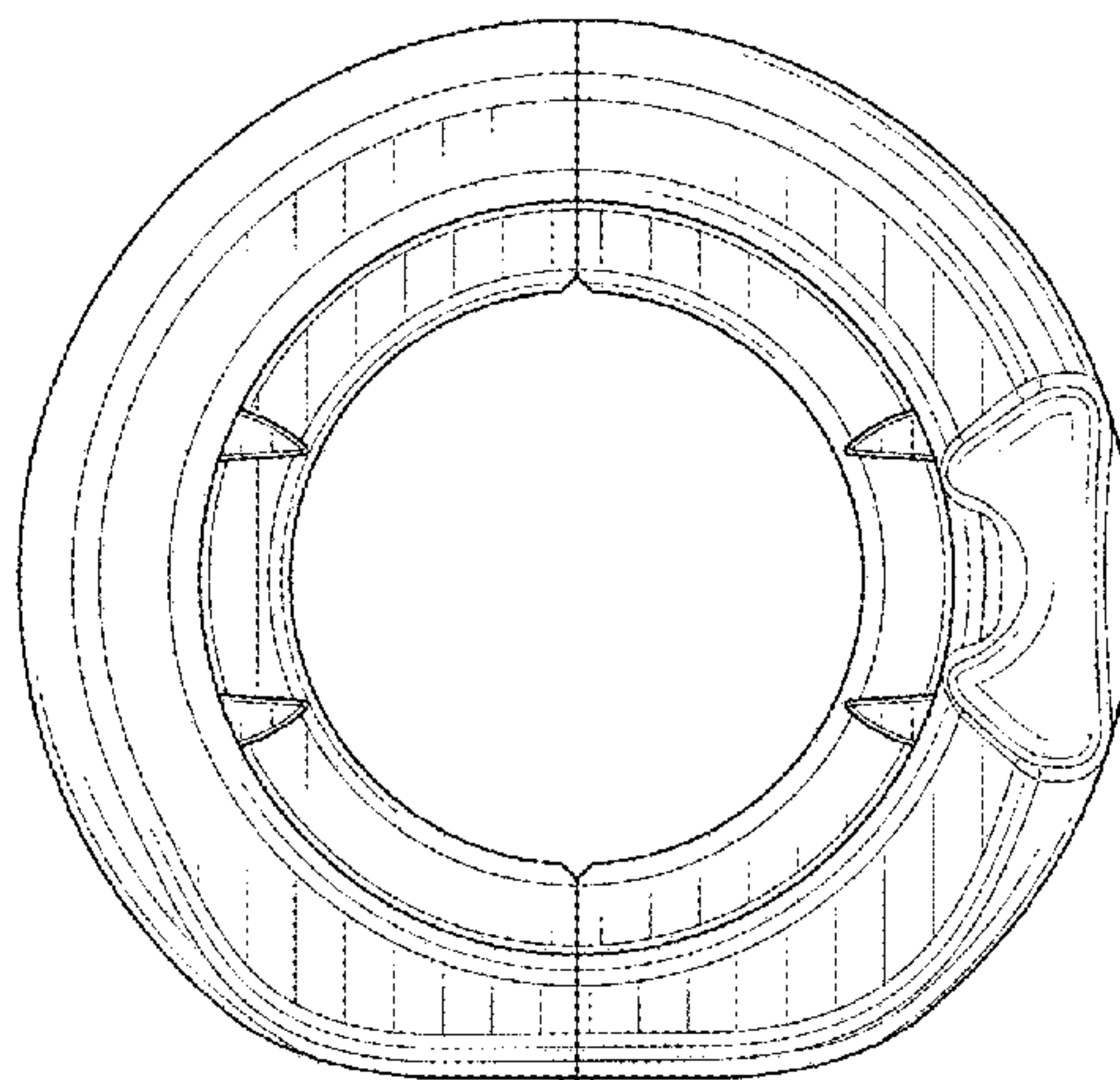
FIG. 17 is a bottom, right perspective view thereof;

FIG. 18 is a right side view thereof; and,

FIG. 19 is a top view thereof.

The design is for a tubing clamp which comprises two 'C'
shaped pieces each joined together at one side by a hinge,
and closeable together in use at their opposing ends, all
formed from an integral molding. The clamps, during clos-
ing, are intended to compressively clamp around flexible or
semi-flexible tubing (not shown and not part of the design),
which in turn can have a male insert within it (not shown and
not part of the design) to oppose the clamping force of the
tubing clamp illustrated herein.

1 Claim, 19 Drawing Sheets



(58) **Field of Classification Search**CPC . F16L 23/036; F16L 3/13; F16L 33/04; F16L
33/06; F16L 33/08

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,359,866 A * 11/1994 Boddy F16B 2/10
24/270
5,620,210 A * 4/1997 Eyster F16L 21/06
24/625
D414,405 S * 9/1999 Tompkins D8/396
6,170,884 B1 * 1/2001 McLennan F16L 17/04
285/112
6,227,577 B1 * 5/2001 Ikeda F16L 17/04
285/112
D494,847 S * 8/2004 Maniezzo D8/382
D570,458 S * 6/2008 Gibb D23/262
D574,228 S * 8/2008 Johansson D8/396
D577,423 S * 9/2008 Dole D23/265
D583,444 S * 12/2008 Nagle D23/262
D583,916 S * 12/2008 Madara D23/265
D584,604 S * 1/2009 Baldwin D8/396
D587,349 S * 2/2009 Madara D23/265
D595,814 S * 7/2009 Pierce D23/262
D597,635 S * 8/2009 Dole D23/262
D598,076 S * 8/2009 Dole D23/262
D598,077 S * 8/2009 Gibb D23/265
D600,325 S * 9/2009 Porter D23/262
D600,326 S * 9/2009 Gibb D23/265
D602,127 S * 10/2009 Shah D23/262
D608,868 S * 1/2010 Porter D23/262
D608,869 S * 1/2010 Porter D23/262
D608,872 S * 1/2010 Porter D23/262
D609,312 S * 2/2010 Porter D23/262

D616,532 S * 5/2010 Madara D23/262
D618,312 S * 6/2010 Madara D23/262
D618,314 S * 6/2010 Bowman D23/262
D621,917 S * 8/2010 Madara D23/262
D625,785 S * 10/2010 Madara D23/262
D625,786 S * 10/2010 Bowman D23/262
D626,202 S * 10/2010 Porter D23/262
D629,072 S * 12/2010 Madara D23/262
D629,074 S * 12/2010 Shah D23/262
D629,076 S * 12/2010 Madara D23/262
D629,078 S * 12/2010 Dole D23/262
D629,080 S * 12/2010 Dole D23/262
D629,082 S * 12/2010 Dole D23/262
D629,083 S * 12/2010 Dole D23/262
D629,496 S * 12/2010 Madara D23/262
D674,059 S * 1/2013 Cuvo D23/262
D674,063 S * 1/2013 Wilk, Jr. D23/262
D674,064 S * 1/2013 Dole D23/262
D700,835 S * 3/2014 Langlois D8/396
8,961,340 B2 * 2/2015 Boatwright A63B 59/0044
473/568
D735,025 S * 7/2015 Mathien D8/396
9,074,715 B2 * 7/2015 Weger F16L 55/02
9,518,667 B2 * 12/2016 Ramos F16K 7/063
9,580,281 B2 * 2/2017 Foley B66C 1/44
D813,025 S * 3/2018 Yesavage D8/395
D813,657 S * 3/2018 Bowman D8/395
D820,074 S * 6/2018 Huettemann D8/394
D820,076 S * 6/2018 Ramirez D8/396
10,074,913 B1 * 9/2018 Bussey H01R 4/2412
2005/0242585 A1 * 11/2005 Dole B21D 17/04
285/367
2009/0146417 A1 * 6/2009 Lippka F16L 17/025
285/112
2010/0102549 A1 * 4/2010 Radzik F16L 17/04
285/112

* cited by examiner

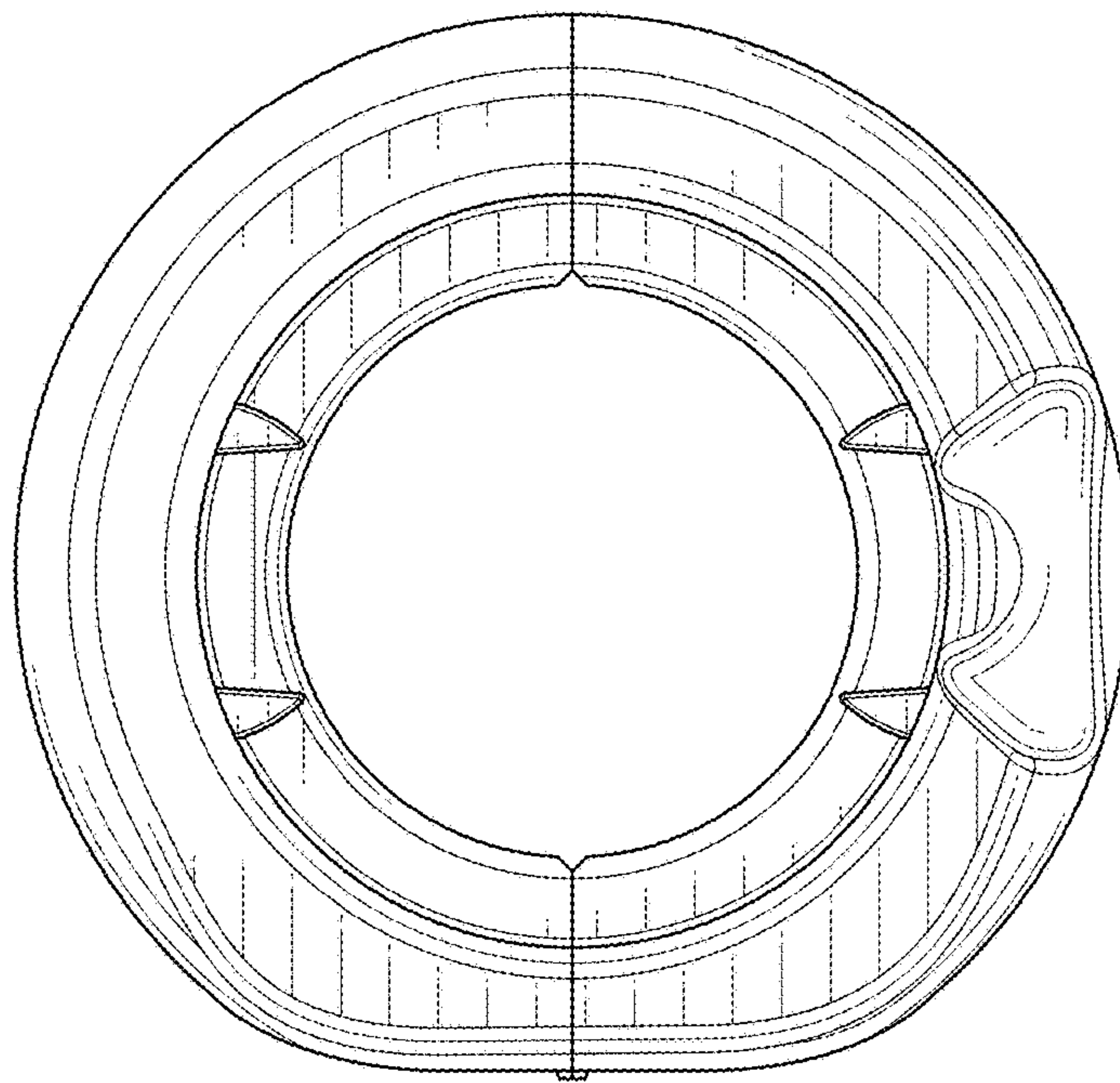


FIG. 1

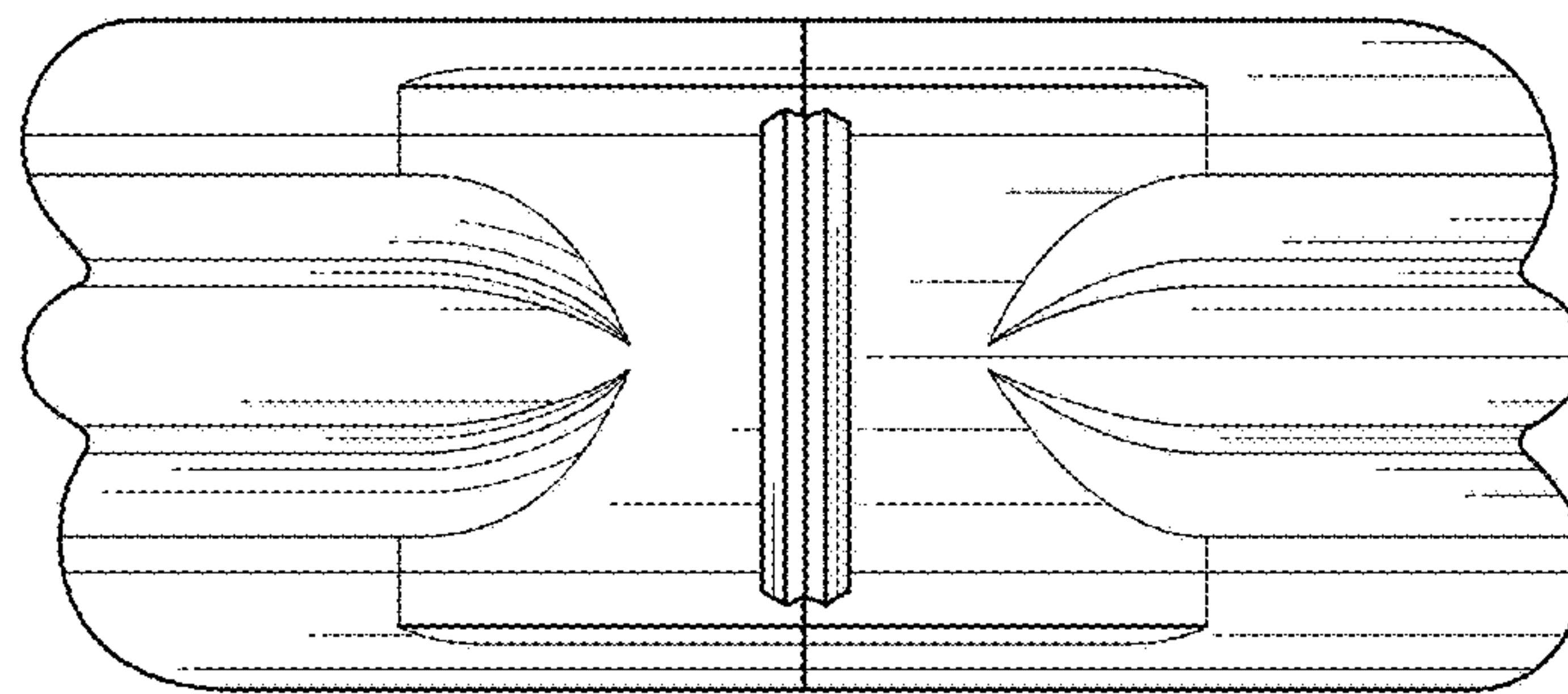


FIG. 2

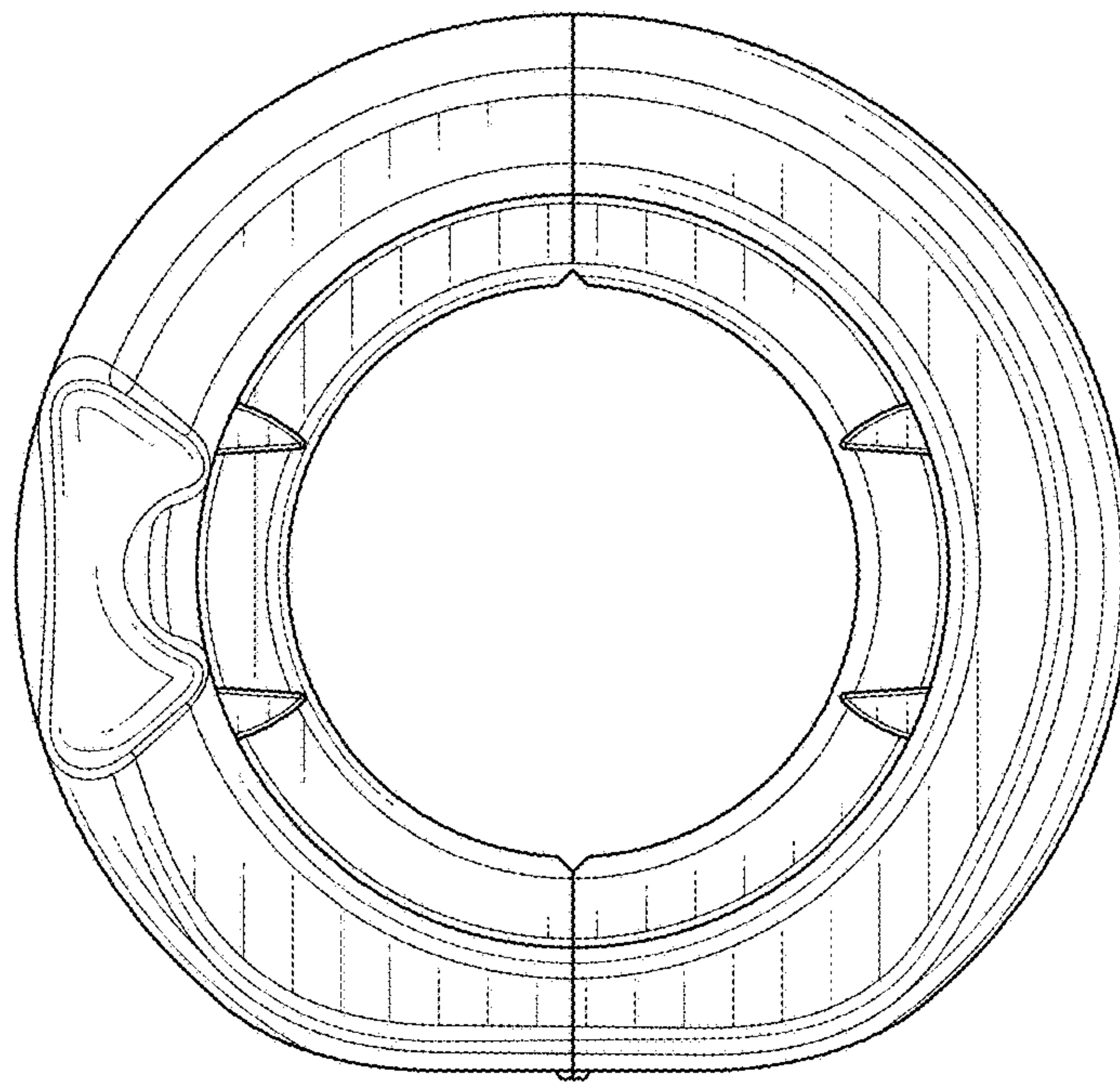


FIG. 3

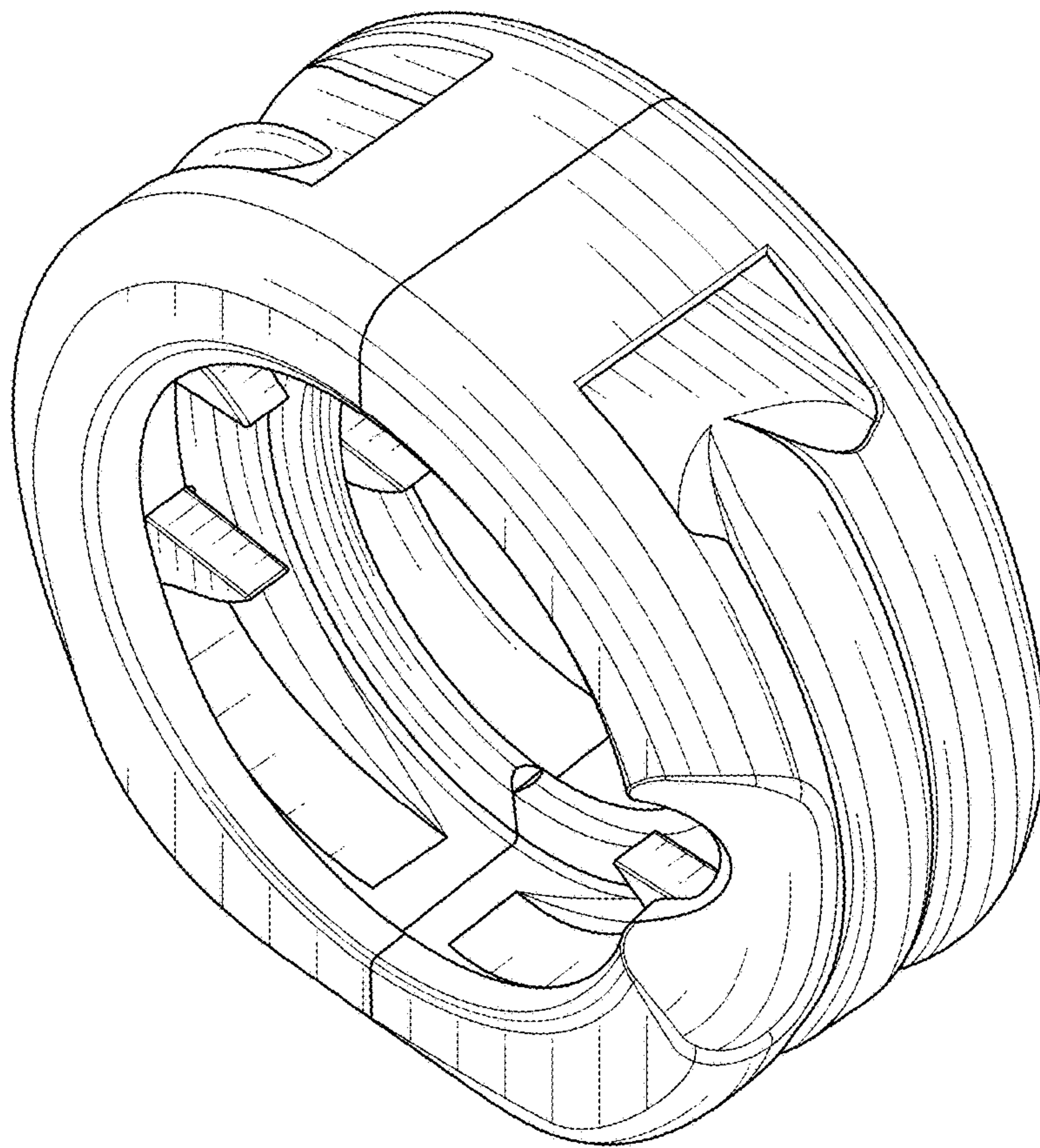


FIG. 4

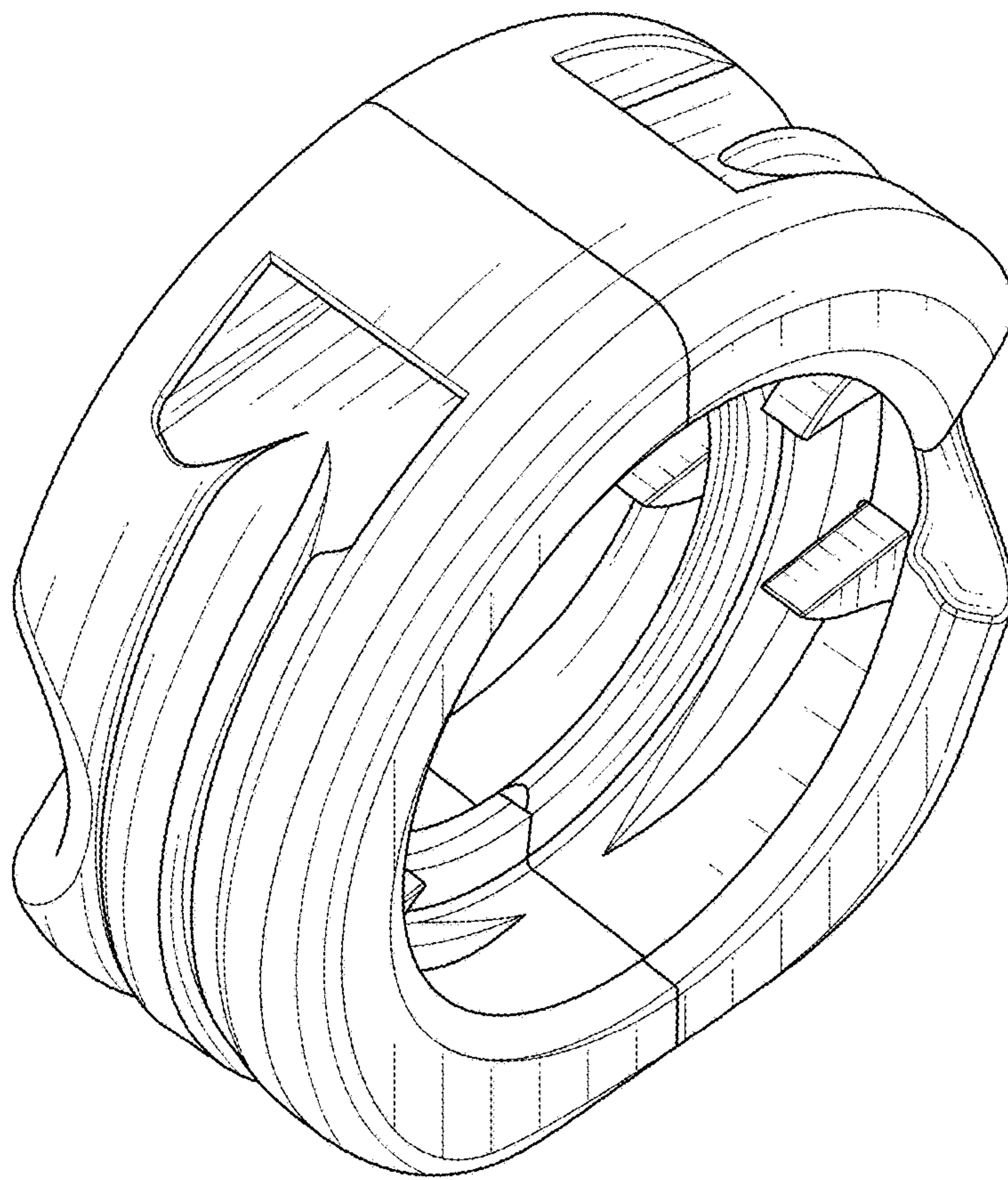


FIG. 5

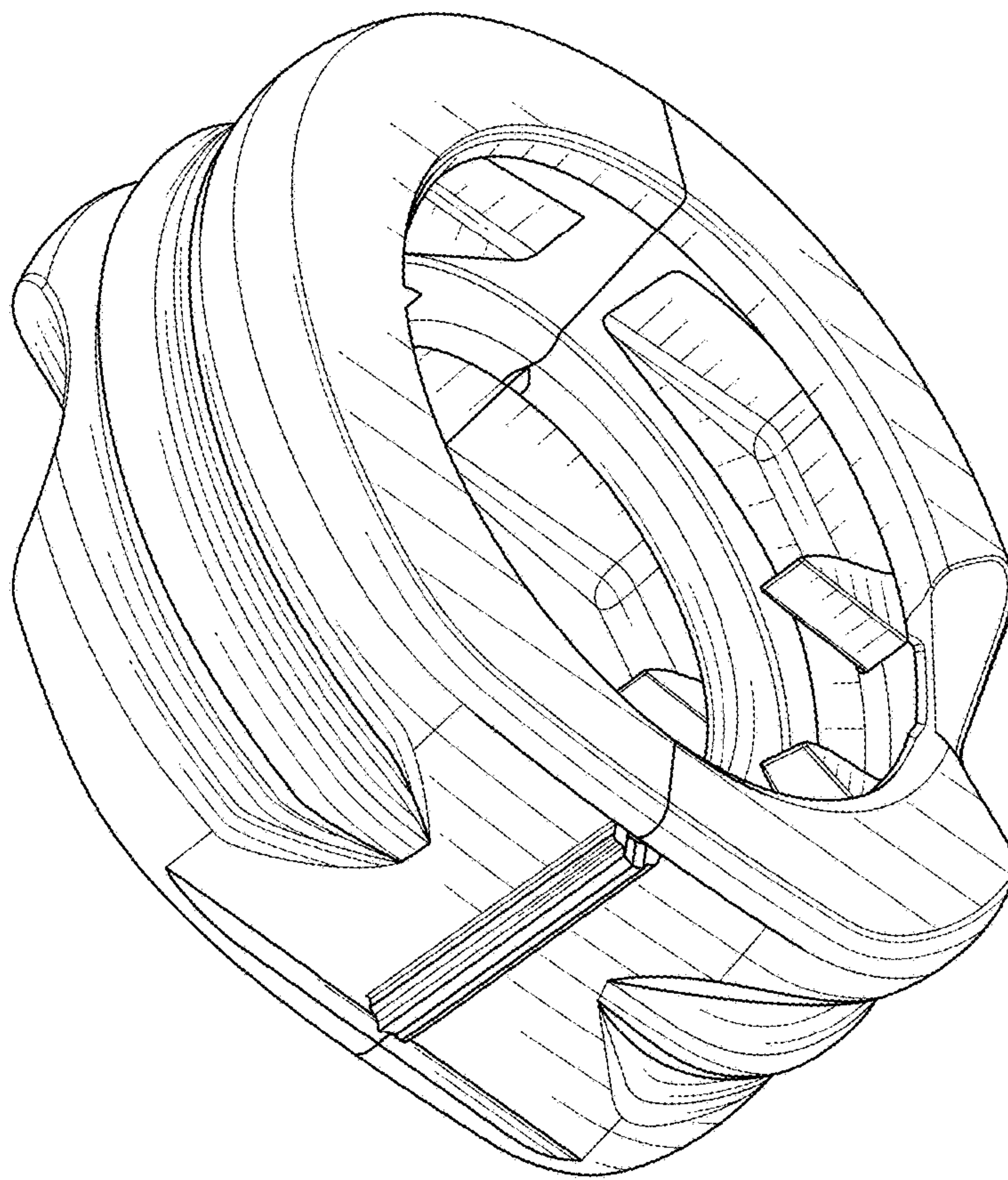


FIG. 6

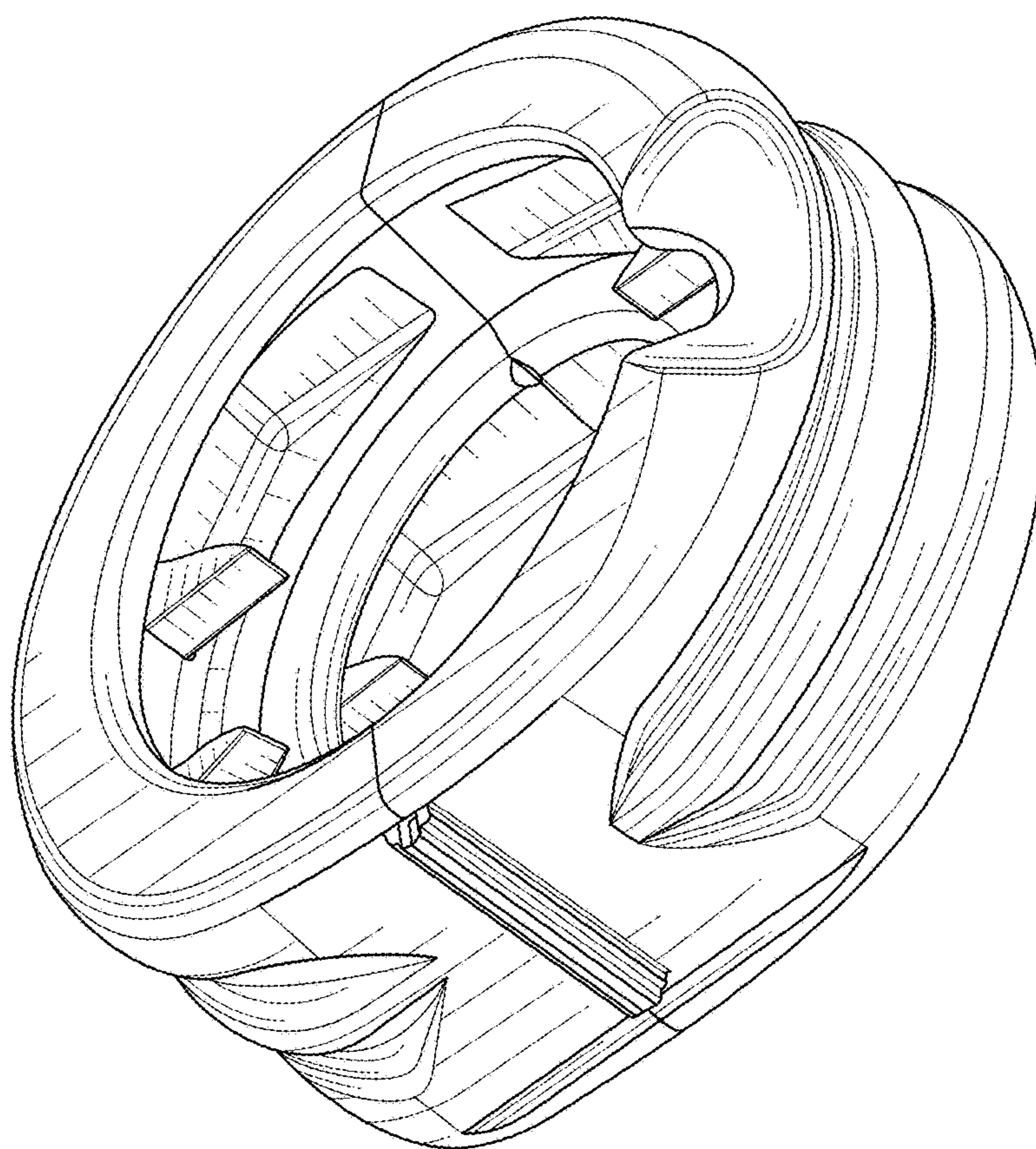


FIG. 7

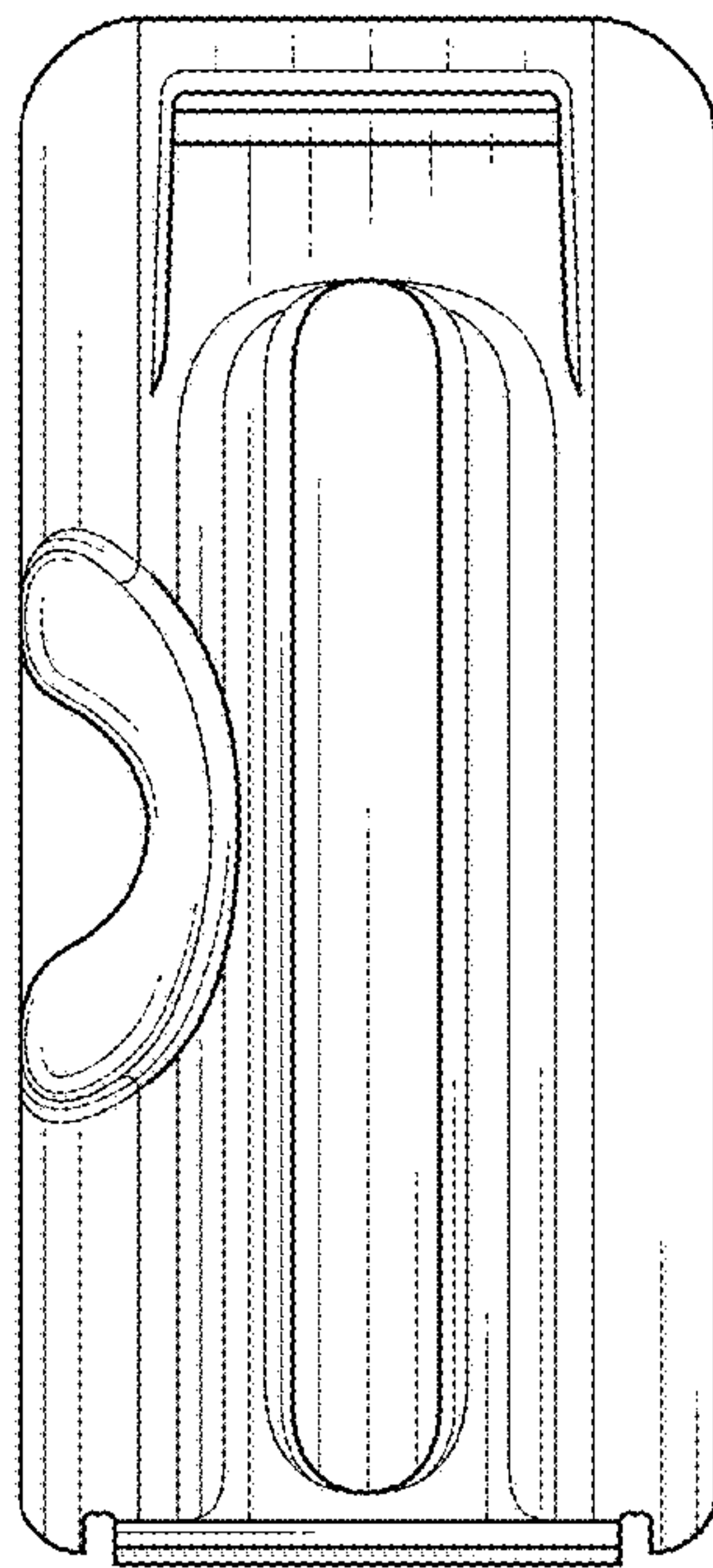


FIG. 8

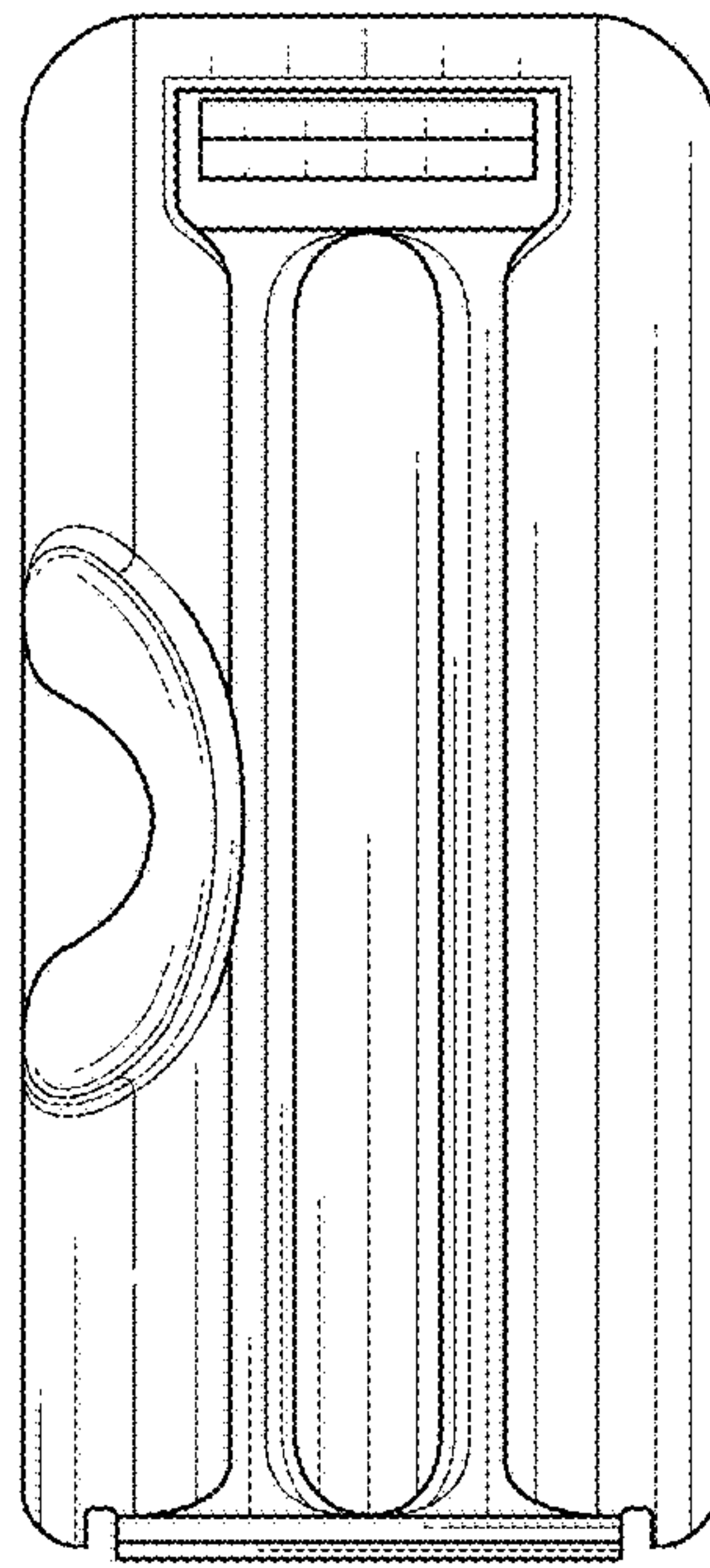


FIG. 9

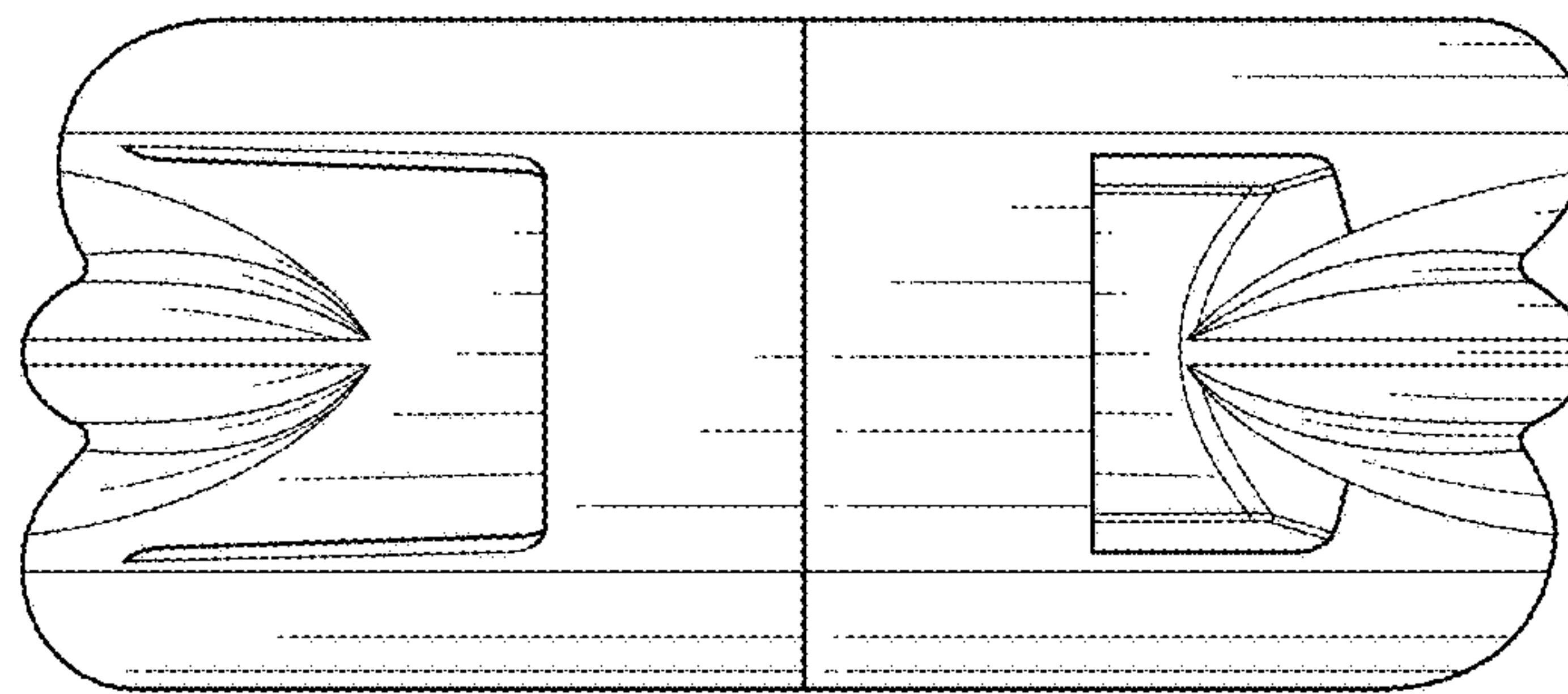


FIG. 10

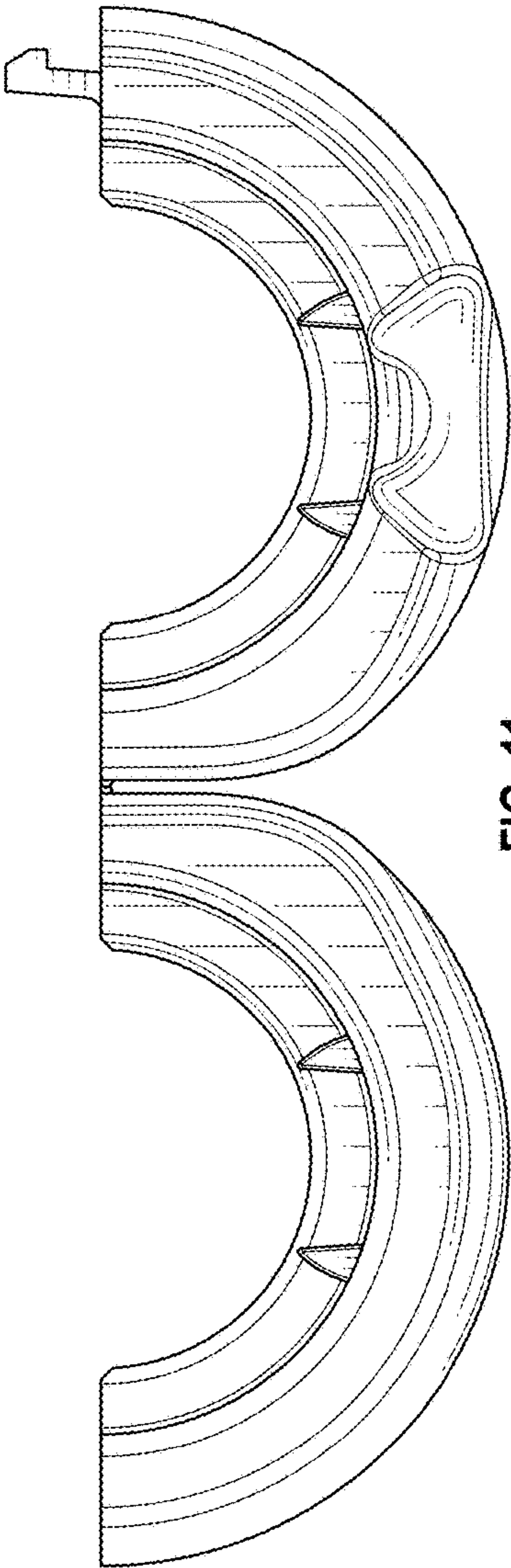


FIG. 11

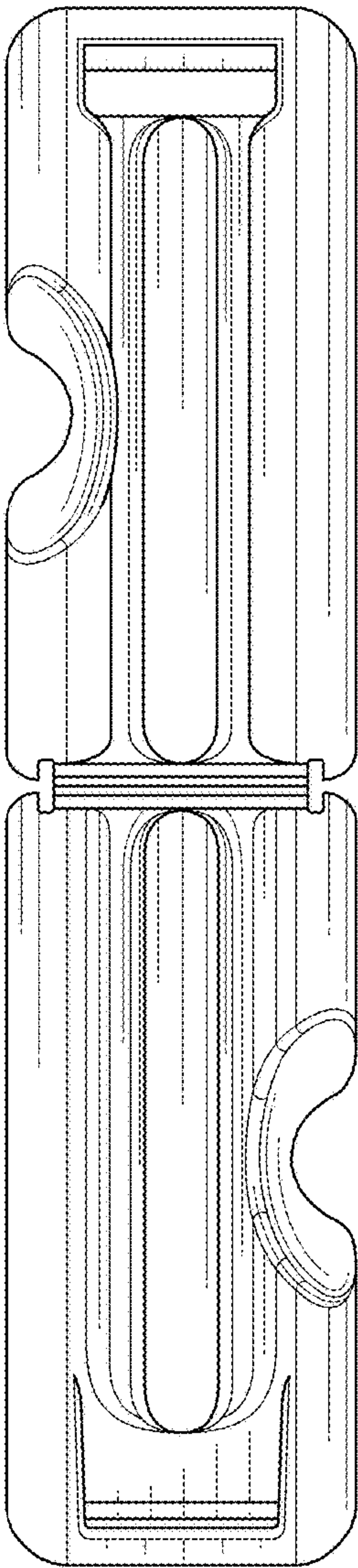


FIG. 12

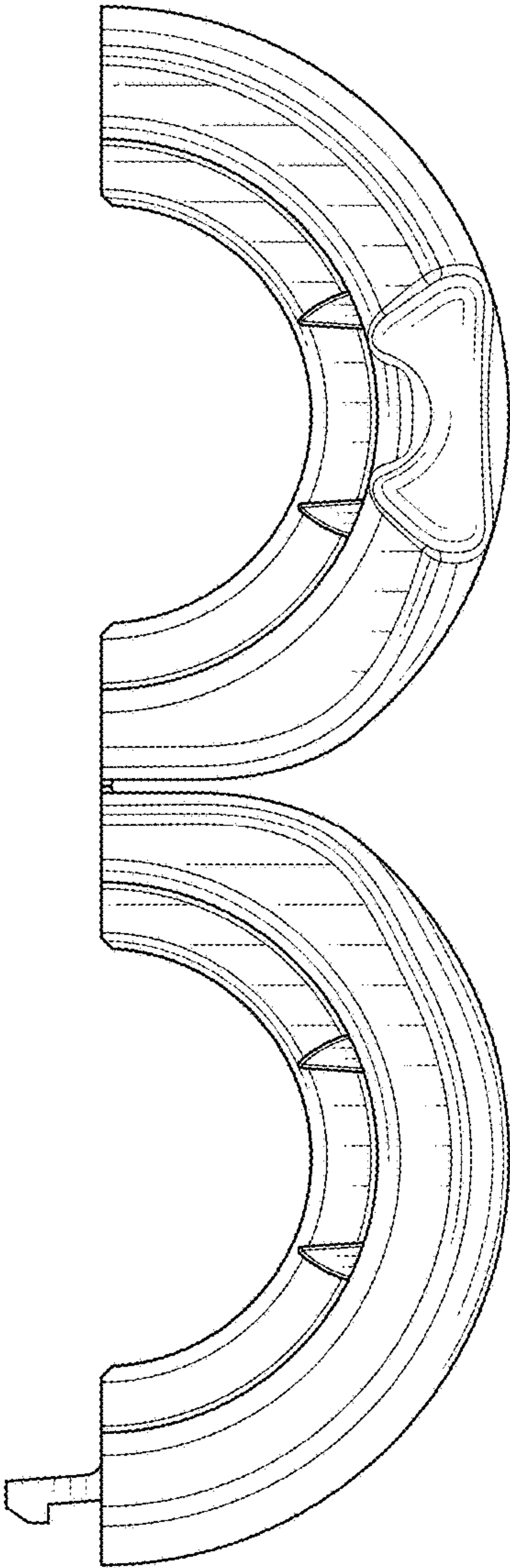


FIG. 13

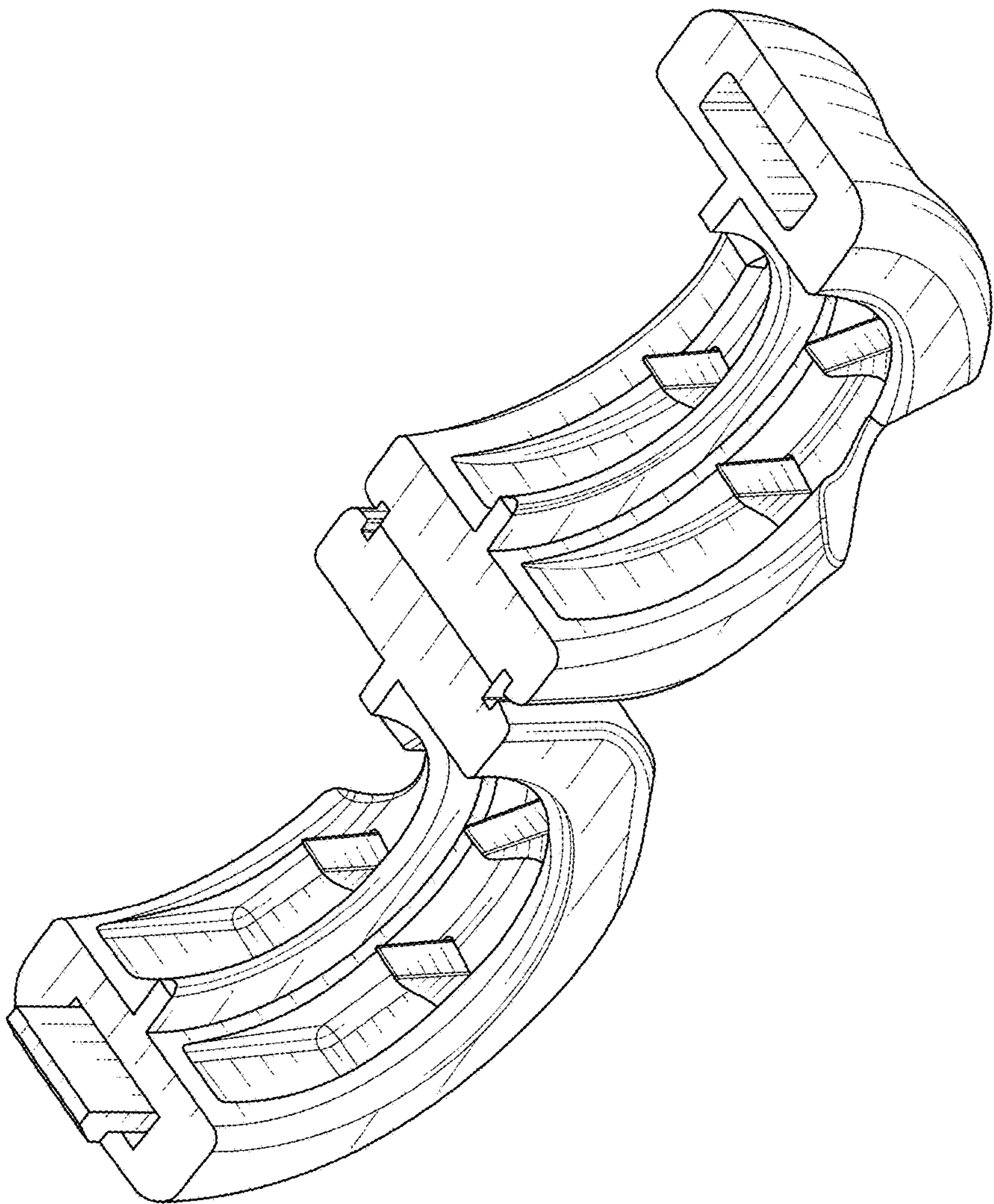


FIG. 14

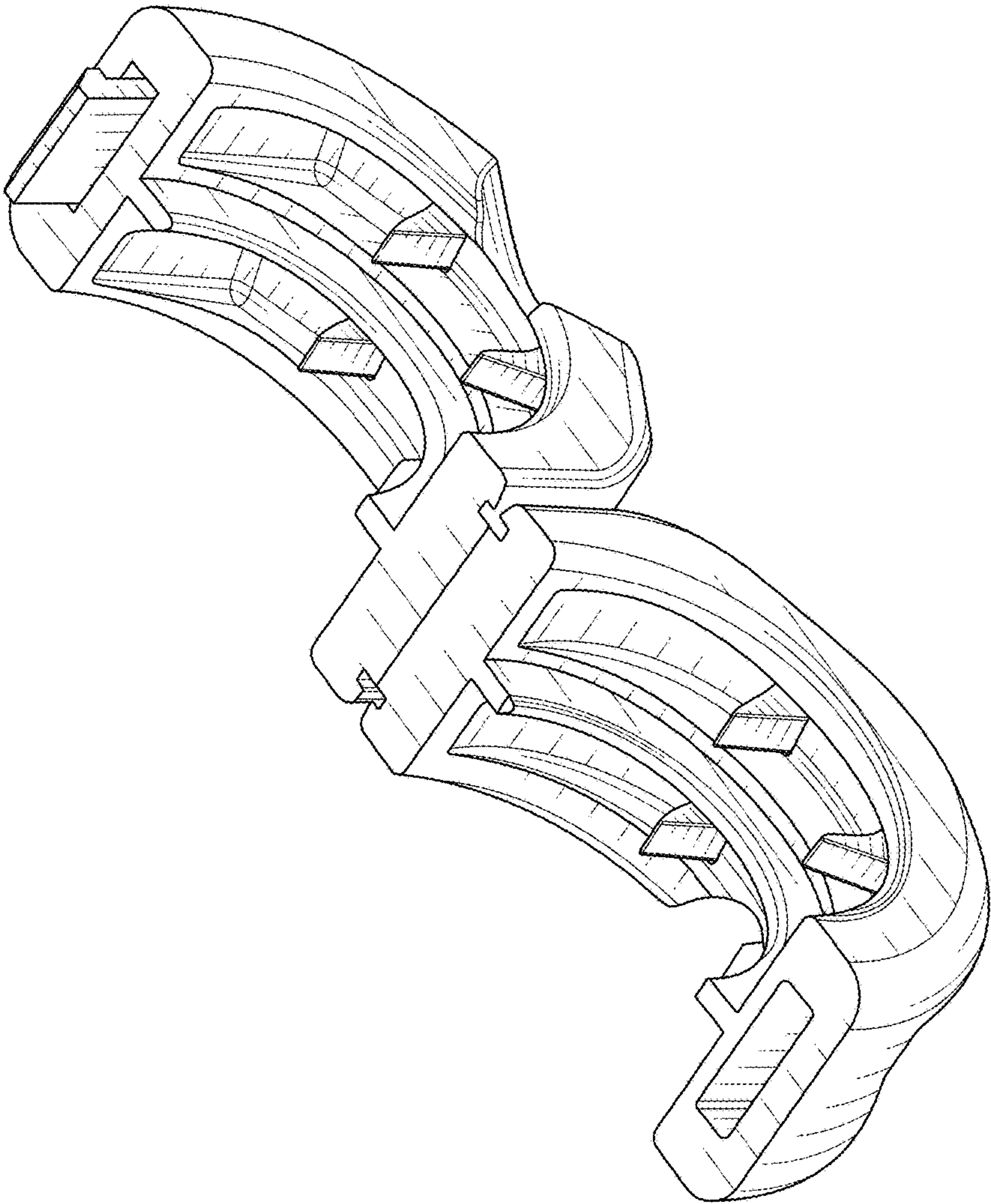


FIG. 15

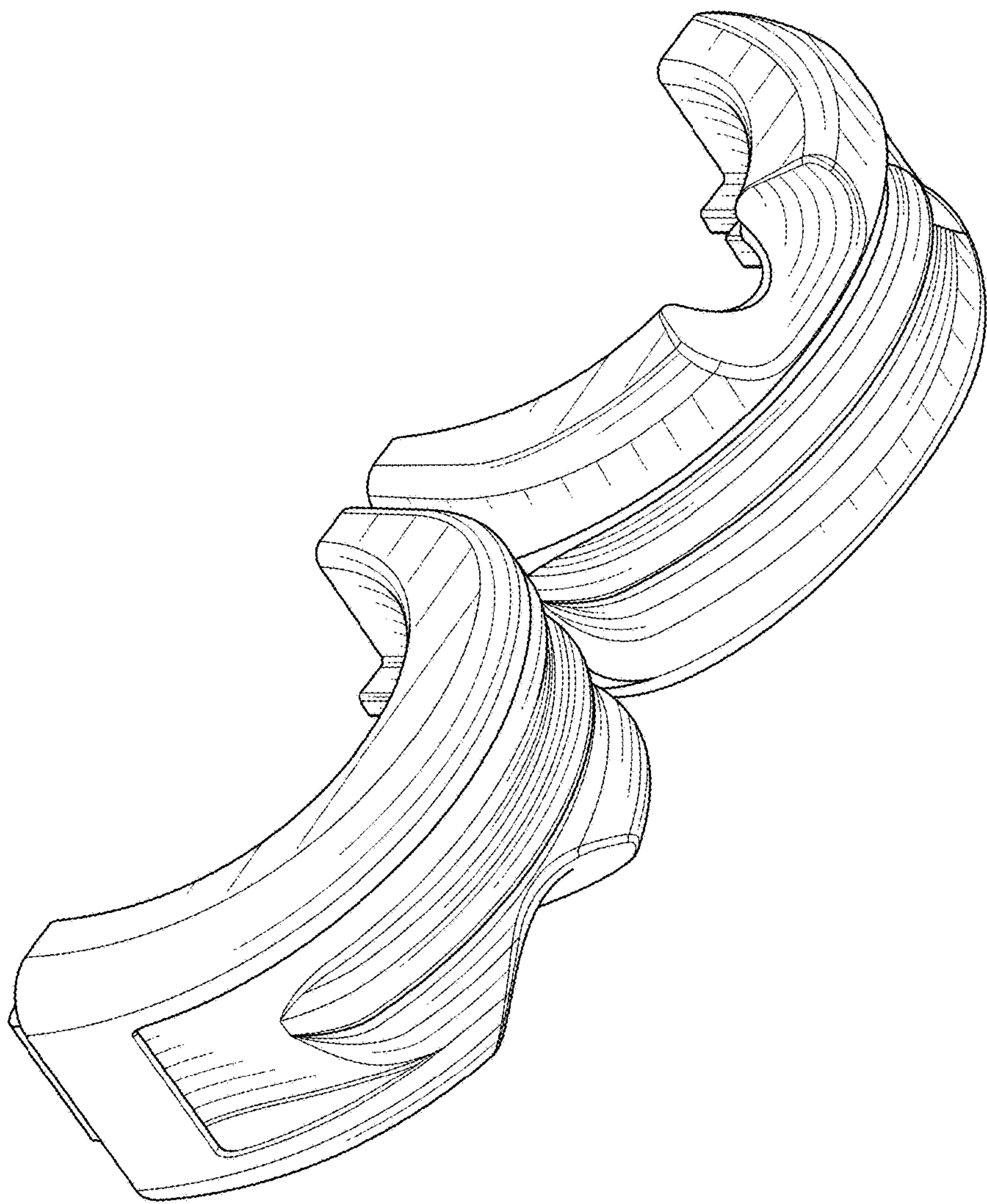


FIG. 16

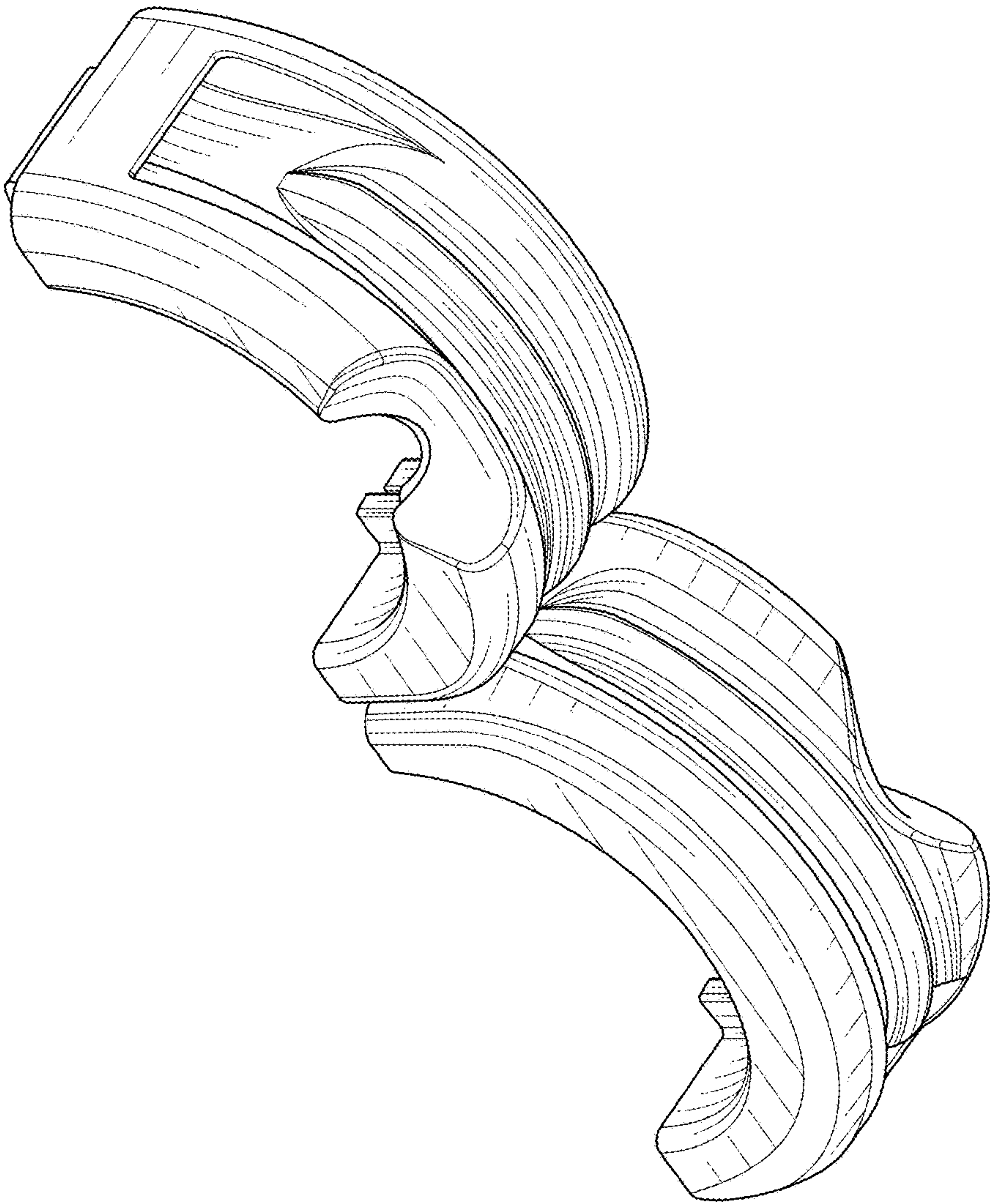


FIG. 17

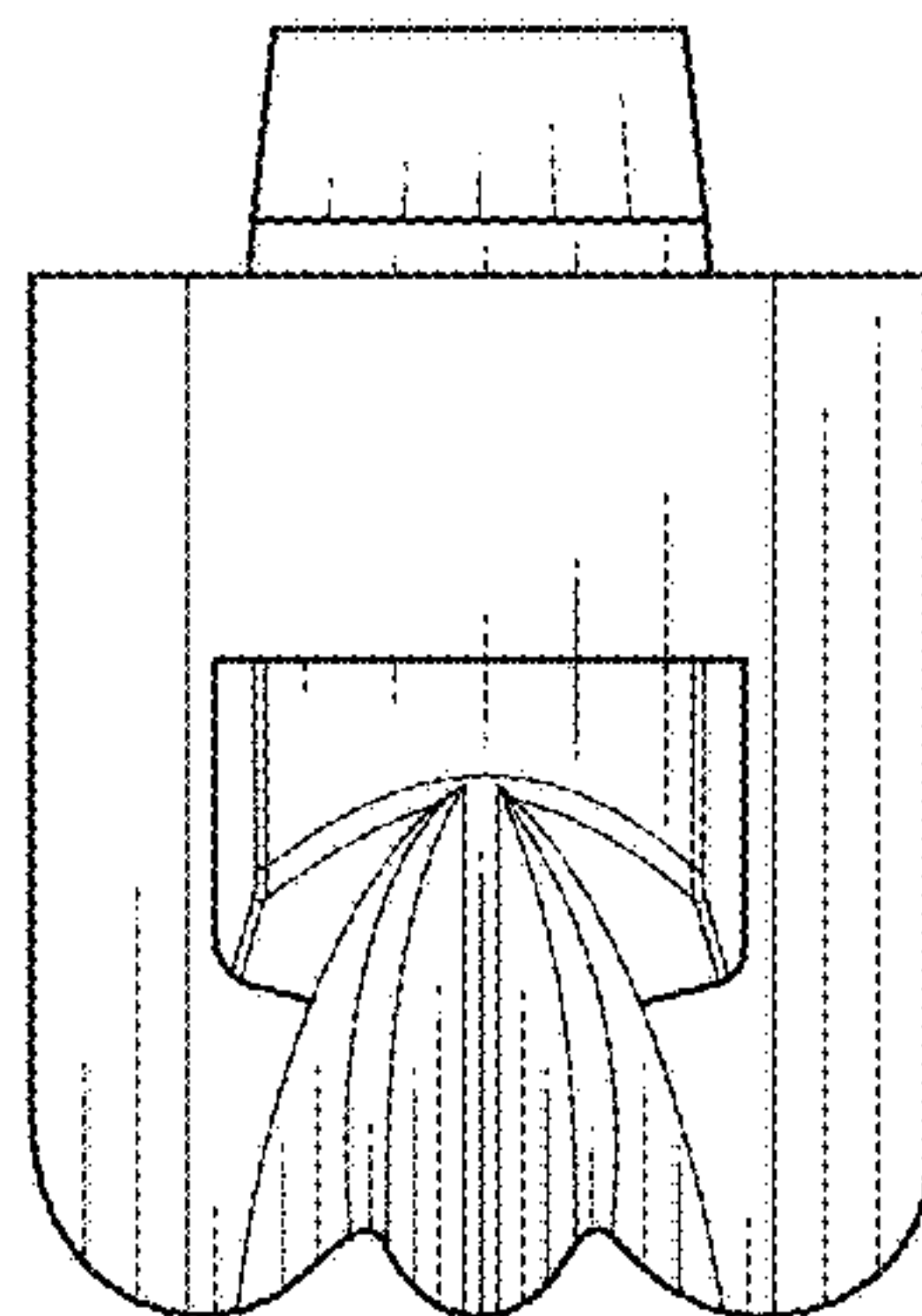


FIG. 18

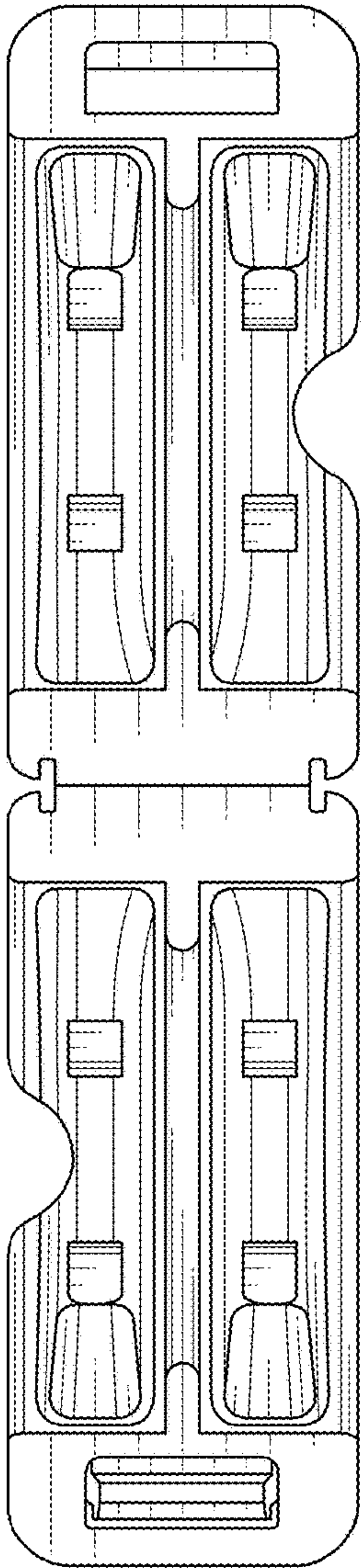


FIG. 19