



US00D617835S

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

(10) **Patent No.:** **US D617,835 S**
(45) **Date of Patent:** **** Jun. 15, 2010**

(54) **DNA MODEL**

(57) **CLAIM**

(75) Inventors: **James C. Spiring**, Billingshurst (GB);
Philip J. Spiring, Guildford (GB)

The ornamental design for a DNA model, as shown and described.

(73) Assignee: **Spiring Enterprises Limited**,
Billingshurst, West Sussex (GB)

DESCRIPTION

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

FIG. 1 is a perspective view of a DNA model embodying my design.

(21) Appl. No.: **29/243,136**

FIG. 2 is a top plan view of the DNA model shown in FIG. 1.

(22) Filed: **Nov. 18, 2005**

FIG. 3 is a bottom plan view of the DNA model shown in FIG. 1.

(51) **LOC (9) Cl.** **19-07**

FIG. 4 is a perspective view of a first portion of the DNA model shown in FIGS. 1, 2, and 3.

(52) **U.S. Cl.** **D19/59**

FIG. 5 is a front side elevational view of the first portion of the DNA model shown in FIG. 4.

(58) **Field of Classification Search** D19/59-64,
D19/100; D2/725, 745, 864; D11/118, 222;
D21/337, 350, 475, 596; D5/65; 434/93,
434/95-96, 167, 260, 365, 429

FIG. 6 is a right side elevational view of the first portion of the DNA model shown in FIG. 4.

See application file for complete search history.

FIG. 7 is a rear side elevational view of the first portion of the DNA model shown in FIG. 4.

(56) **References Cited**

FIG. 8 is a left side elevational view of the first portion of the DNA model shown in FIG. 4.

U.S. PATENT DOCUMENTS

FIG. 9 is a top plan view of the first portion of the DNA model shown in FIG. 4.

779,124 A	1/1905	Ford	
3,594,924 A	7/1971	Baker	
3,903,616 A	9/1975	Gage	
4,461,619 A	7/1984	Hendry et al.	
4,629,431 A	12/1986	Sanders	
6,343,937 B1	2/2002	Curtis	
D462,719 S	9/2002	Guilloton et al.	
D482,411 S	11/2003	Stevens et al.	
6,652,285 B1	11/2003	Breivik	
D526,684 S *	8/2006	Spiring D19/59
2003/0170601 A1	9/2003	Scheetz et al.	

FIG. 10 is a bottom plan view of the first portion of the DNA model shown in FIG. 4.

FIG. 11 is a perspective view of a second portion of the DNA model embodying my design.

FIG. 12 is a front side elevational view of the second portion of the DNA model shown in FIG. 11.

FIG. 13 is a right side elevational view of the second portion of the DNA model shown in FIG. 11.

FIG. 14 is a rear side elevational view of the second portion of the DNA model shown in FIG. 11.

FIG. 15 is a left side elevational view of the second portion of the DNA model shown in FIG. 11.

FIG. 16 is a top plan view of the second portion of the DNA model shown in FIG. 11.

FIG. 17 is a bottom plan view of the second portion of the DNA model shown in FIG. 11.

* cited by examiner

Primary Examiner—T. Chase Nelson

Assistant Examiner—Michael A Pratt

(74) *Attorney, Agent, or Firm*—MacMillan, Sobanski & Todd, LLC

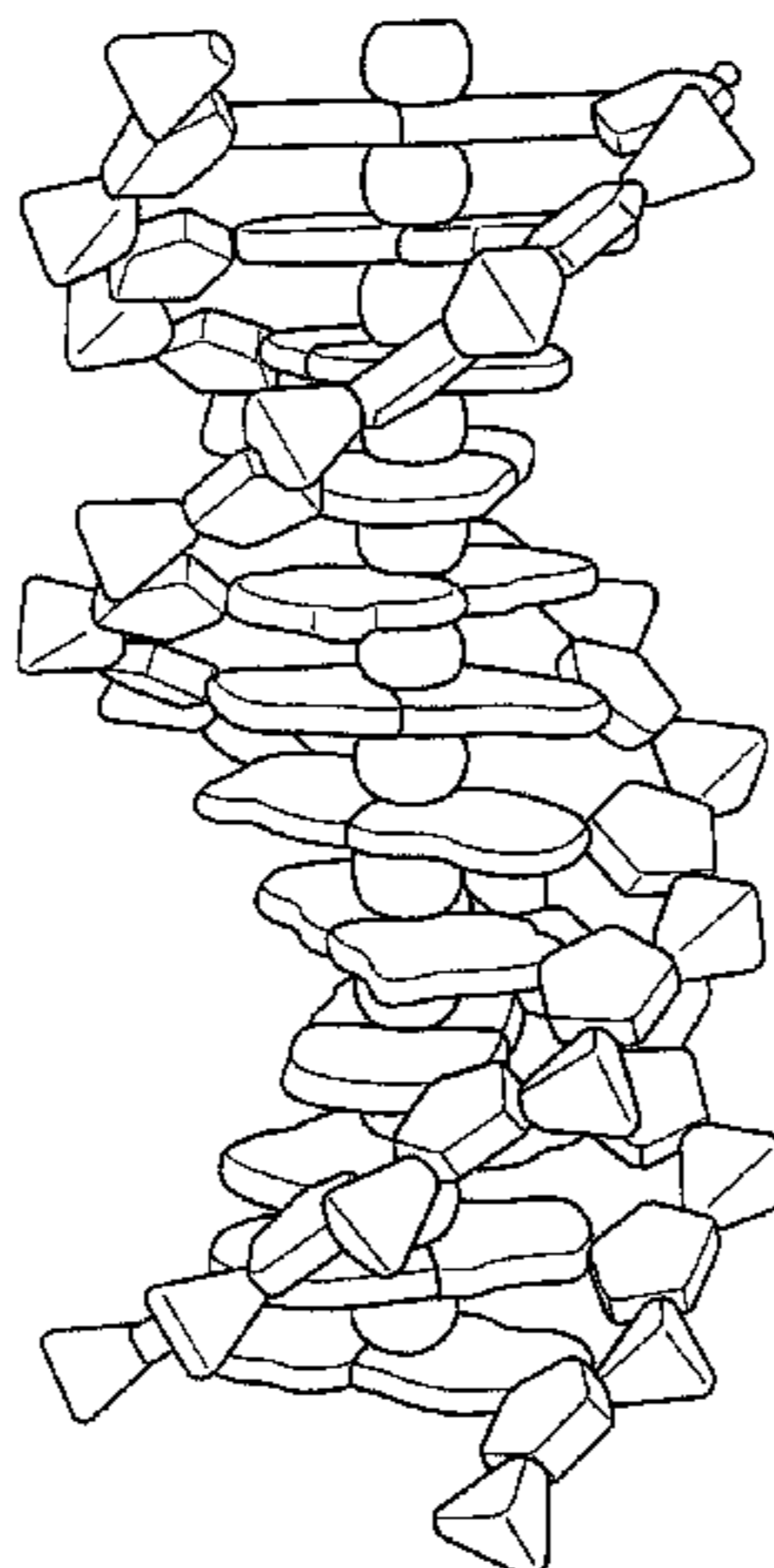


FIG. 18 is a perspective view of a third portion of the DNA model embodying my design.

FIG. 19 is a front side elevational view of the third portion of the DNA model shown in FIG. 18.

FIG. 20 is a right side elevational view of the third portion of the DNA model shown in FIG. 18.

FIG. 21 is a rear side elevational view of the third portion of the DNA model shown in FIG. 18.

FIG. 22 is a left side elevational view of the third portion of the DNA model shown in FIG. 18.

FIG. 23 is a top plan view of the third portion of the DNA model shown in FIG. 18.

FIG. 24 is a bottom plan view of the third portion of the DNA model shown in FIG. 18.

FIG. 25 is a perspective view of a fourth portion of the DNA model embodying my design.

FIG. 26 is a front side elevational view of the fourth portion of the DNA model shown in FIG. 25.

FIG. 27 is a right side elevational view of the fourth portion of the DNA model shown in FIG. 25.

FIG. 28 is a rear side elevational view of the fourth portion of the DNA model shown in FIG. 25.

FIG. 29 is a left side elevational view of the fourth portion of the DNA model shown in FIG. 25.

FIG. 30 is a top plan view of the fourth portion of the DNA model shown in FIG. 25.

FIG. 31 is a bottom plan view of the fourth portion of the DNA model shown in FIG. 25.

FIG. 32 is a perspective view of a fifth portion of the DNA model embodying my design.

FIG. 33 is a front side elevational view of the fifth portion of the DNA model shown in FIG. 32.

FIG. 34 is a right side elevational view of the fifth portion of the DNA model shown in FIG. 32.

FIG. 35 is a rear side elevational view of the fifth portion of the DNA model shown in FIG. 32.

FIG. 36 is a left side elevational view of the fifth portion of the DNA model shown in FIG. 32.

FIG. 37 is a top plan view of the fifth portion of the DNA model shown in FIG. 32.

FIG. 38 is a bottom plan view of the fifth portion of the DNA model shown in FIG. 32.

FIG. 39 is a perspective view of a sixth portion of the DNA model embodying my design.

FIG. 40 is a front side elevational view of the sixth portion of the DNA model shown in FIG. 39.

FIG. 41 is a right side elevational view of the sixth portion of the DNA model shown in FIG. 39.

FIG. 42 is a rear side elevational view of the sixth portion of the DNA model shown in FIG. 39.

FIG. 43 is a left side elevational view of the sixth portion of the DNA model shown in FIG. 39.

FIG. 44 is a top plan view of the sixth portion of the DNA model shown in FIG. 39.

FIG. 45 is a bottom plan view of the sixth portion of the DNA model shown in FIG. 39.

FIG. 46 is a perspective view of a seventh portion of the DNA model embodying my design.

FIG. 47 is a side elevational view of the seventh portion of the DNA model shown in FIG. 46.

FIG. 48 is a top plan view of the seventh portion of the DNA model shown in FIG. 46; and,

FIG. 49 is a bottom plan view of the seventh portion of the DNA model shown in FIG. 46.

The claim is directed toward the invention shown in FIGS. 1 through 3. The other views of FIGS. 4 through 49 are shown separately to clarify aspects of the design not shown in FIGS. 1 through 3.

1 Claim, 10 Drawing Sheets

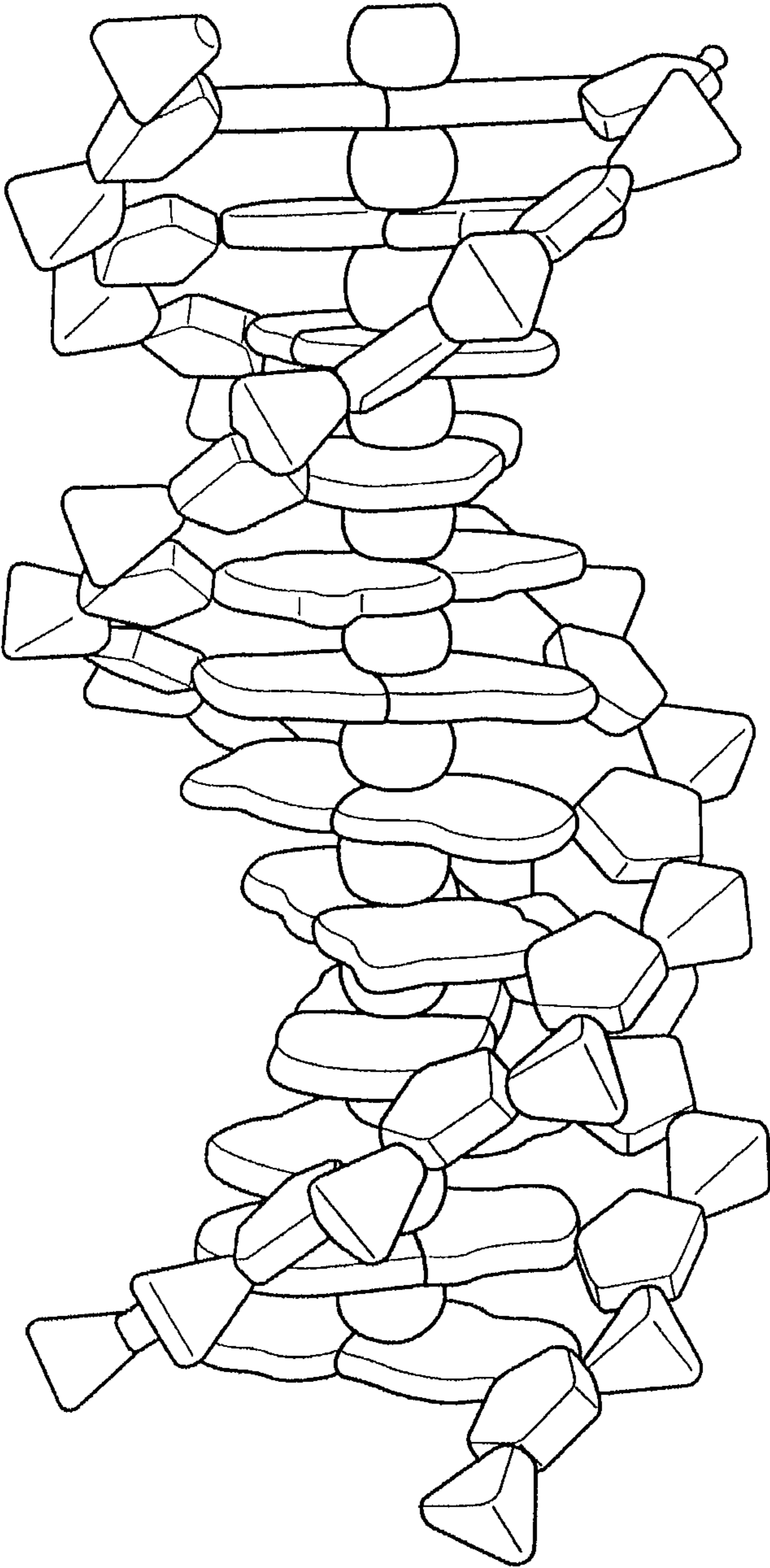


FIG. 1

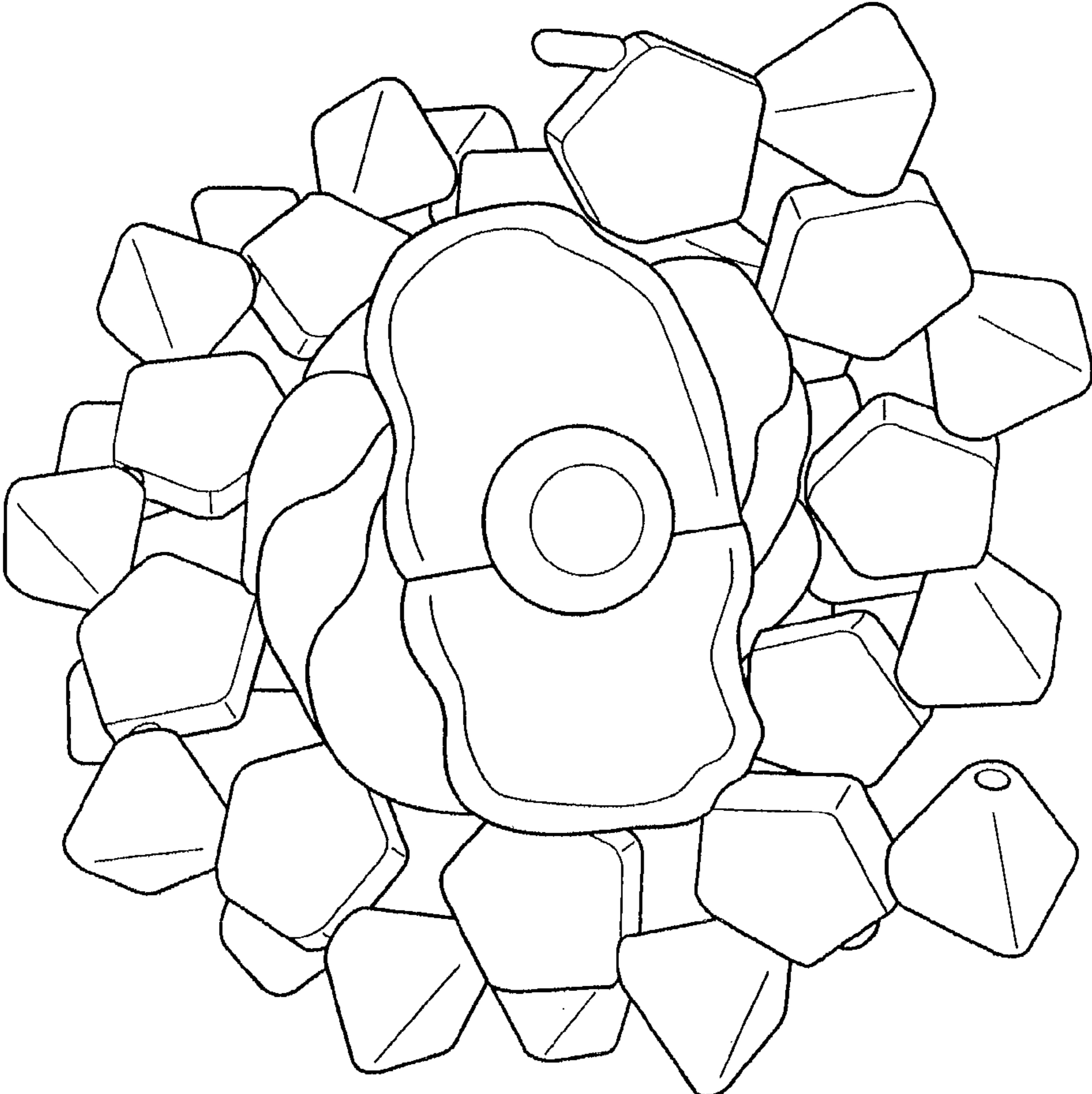


FIG. 2

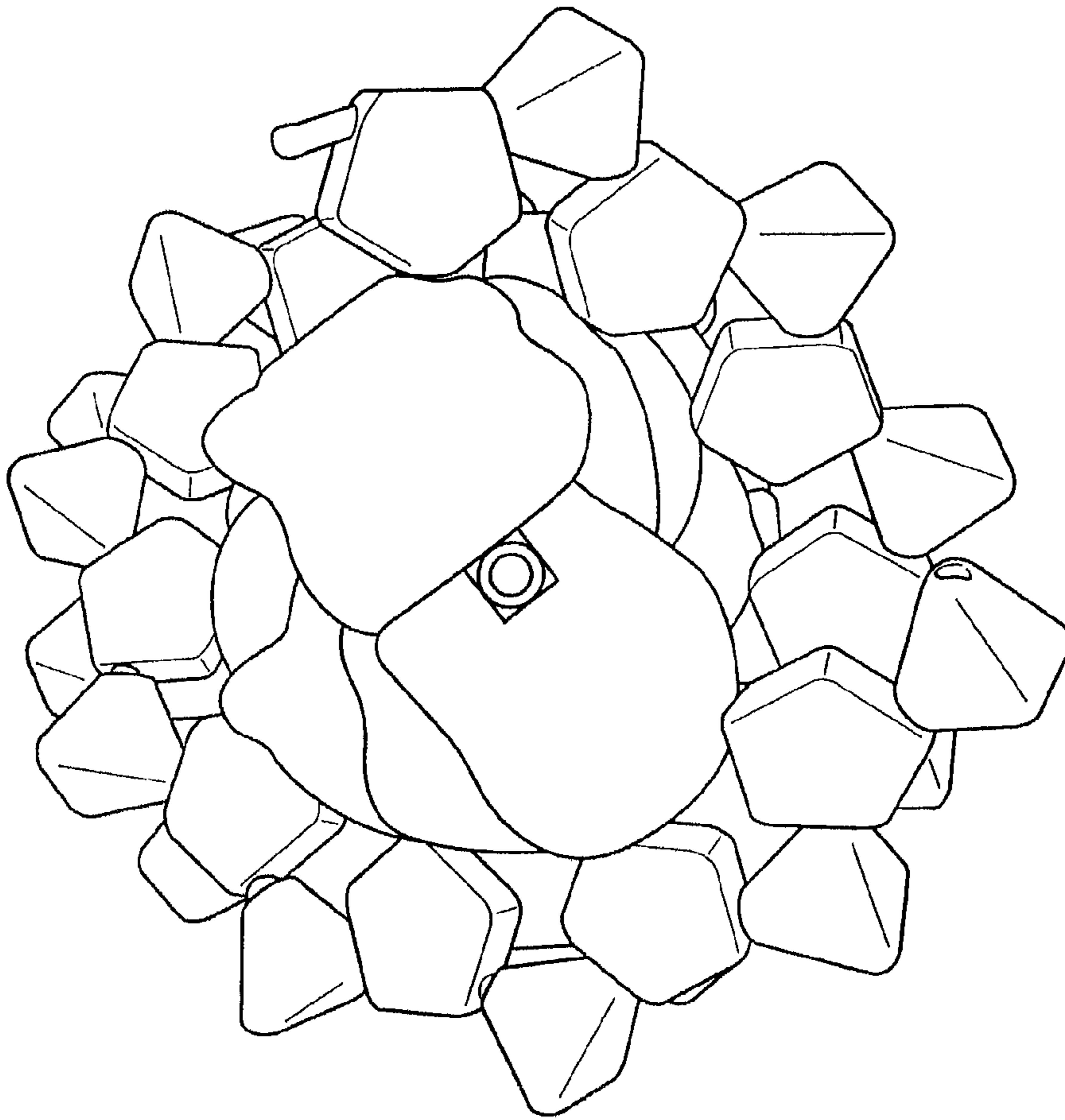


FIG. 3

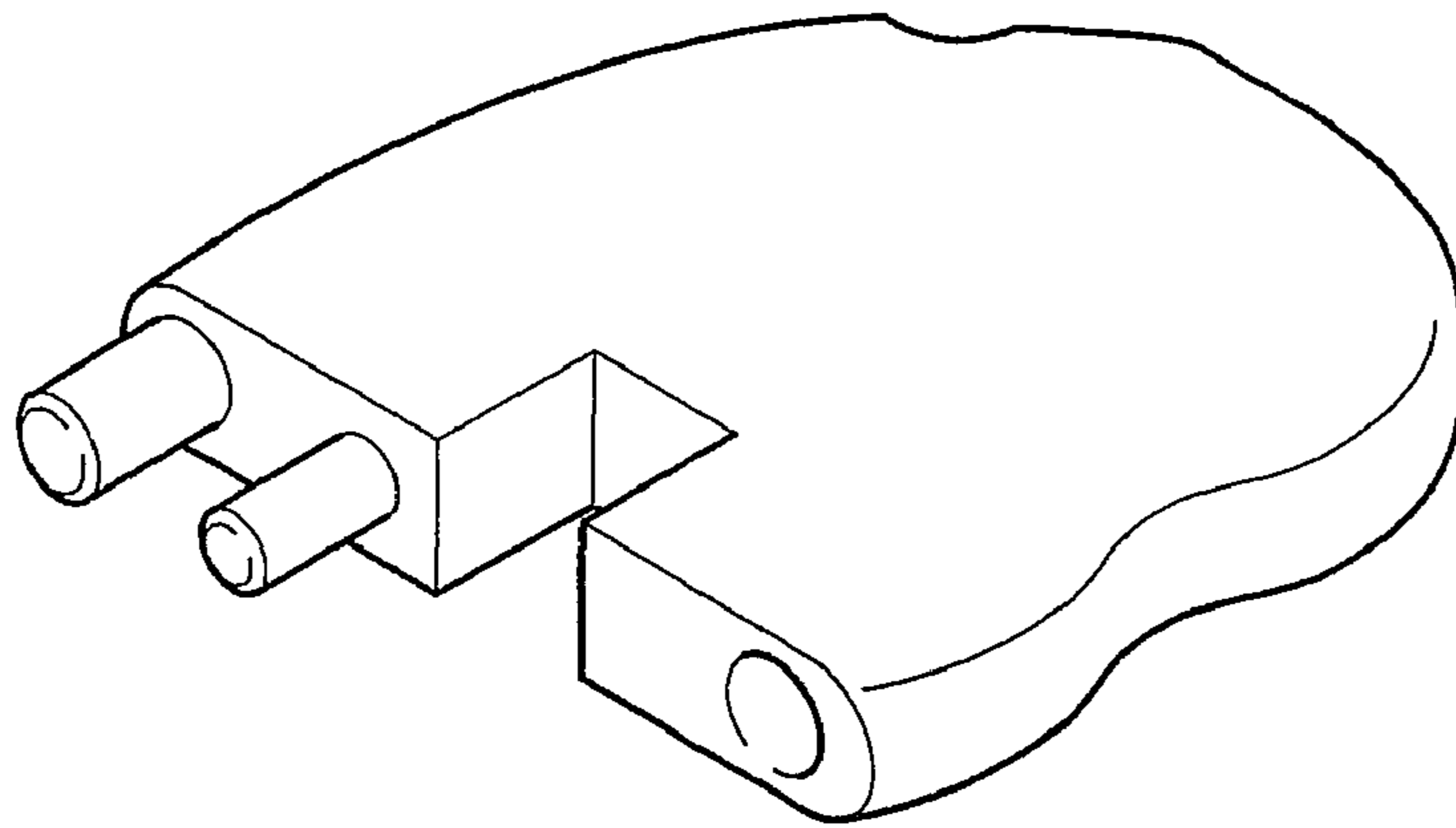


FIG. 4



FIG. 5



FIG. 6



FIG. 7



FIG. 8

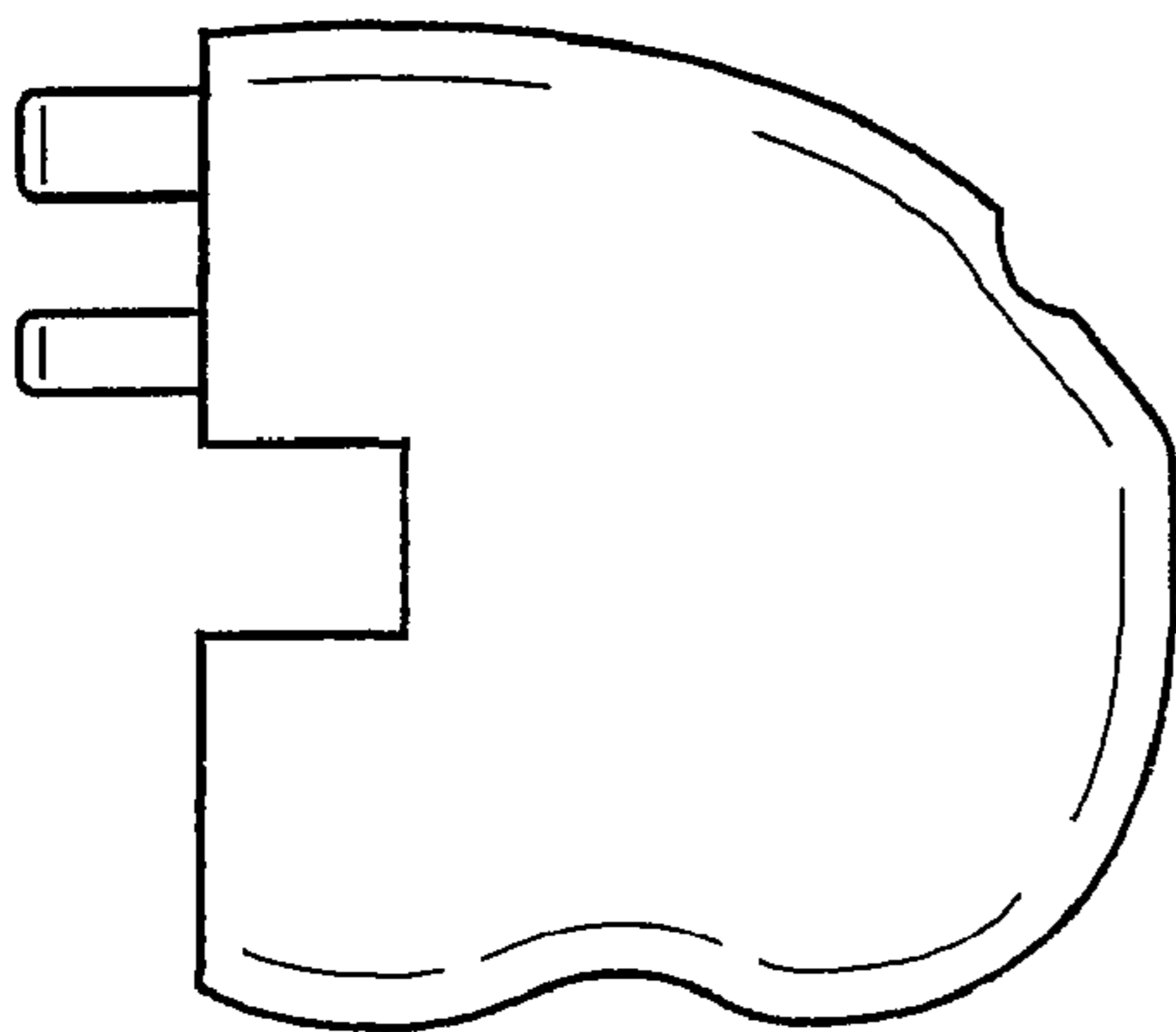


FIG. 9

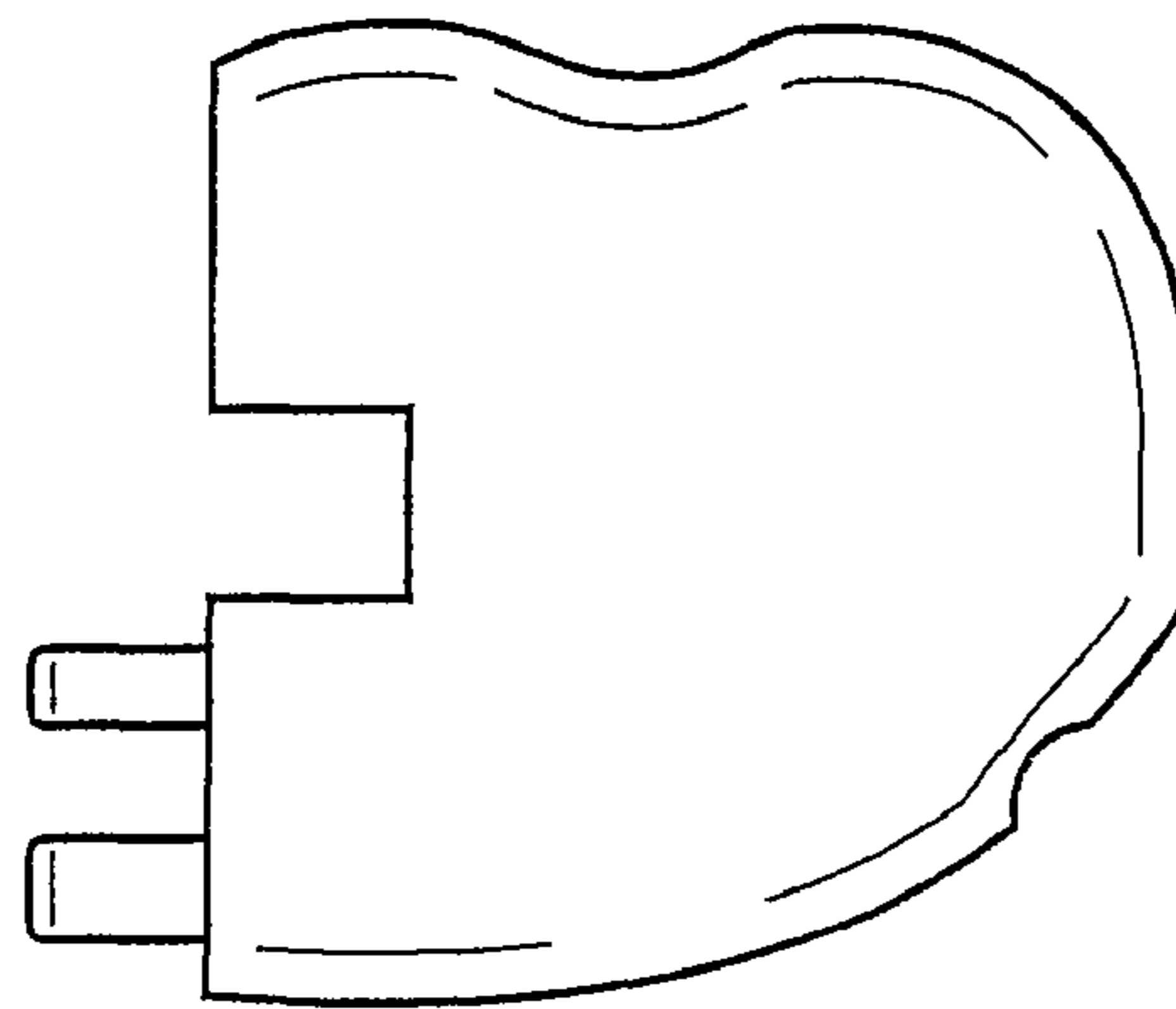


FIG. 10

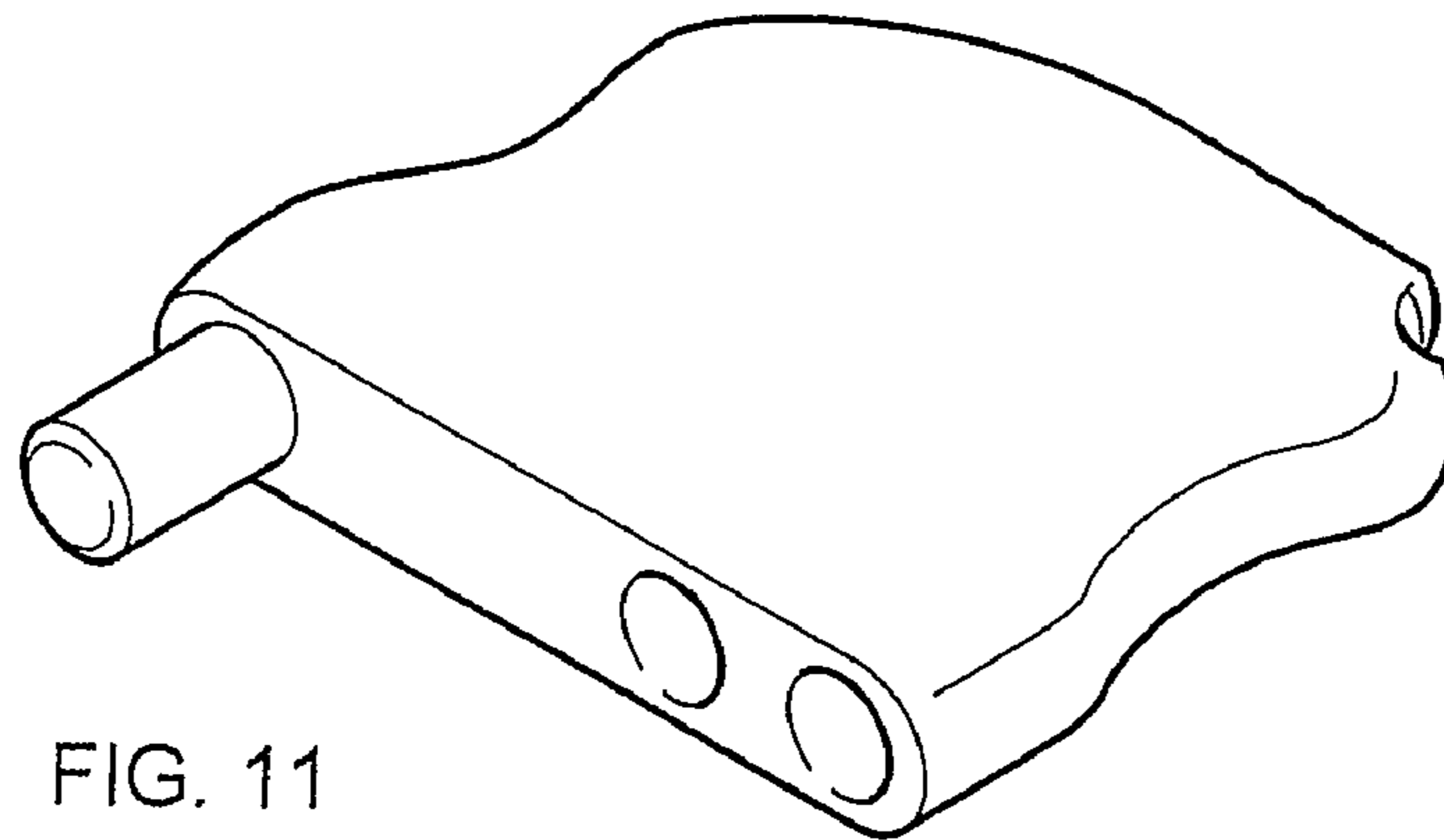


FIG. 11



FIG. 12



FIG. 13



FIG. 14



FIG. 15

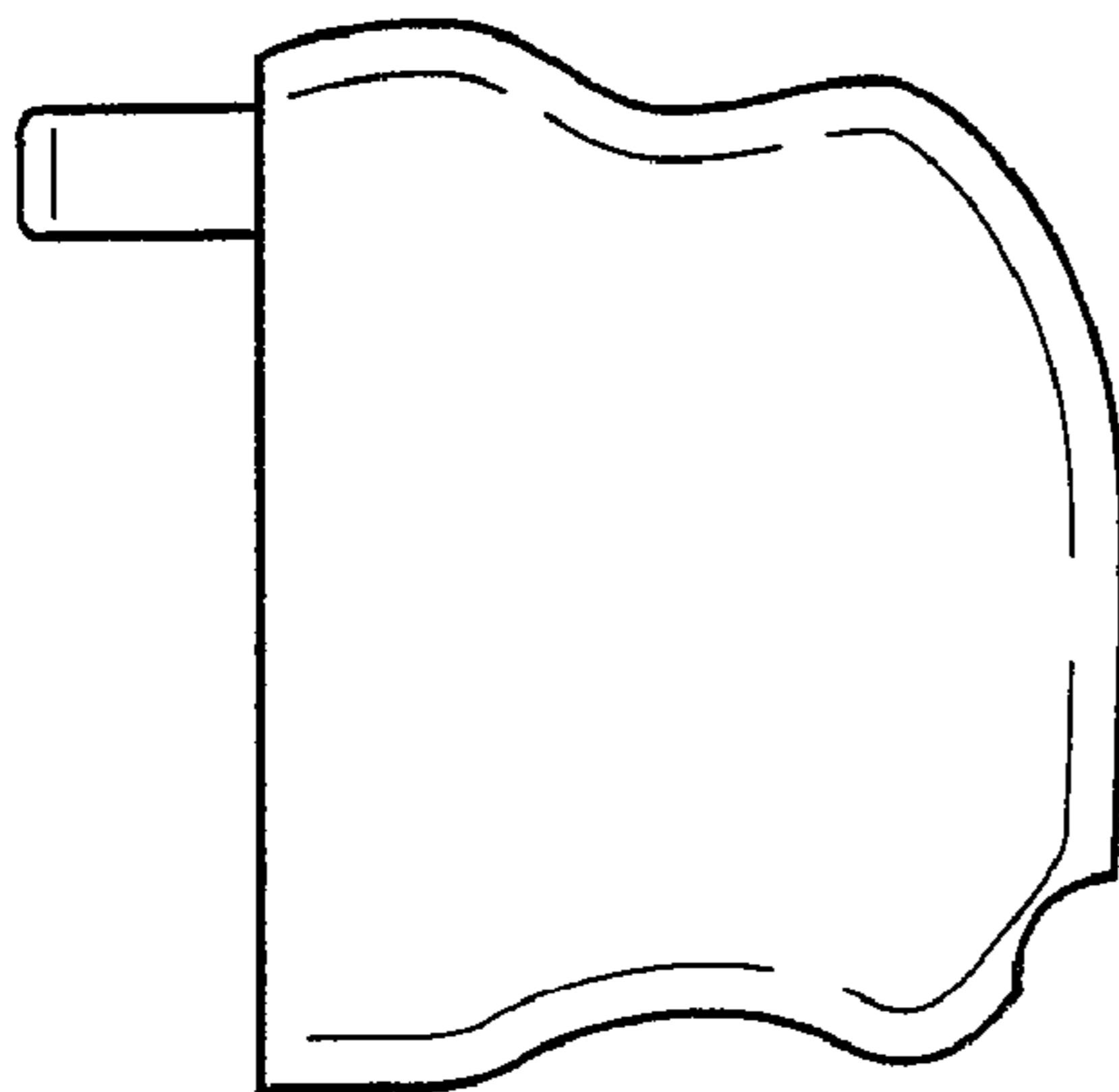


FIG. 16

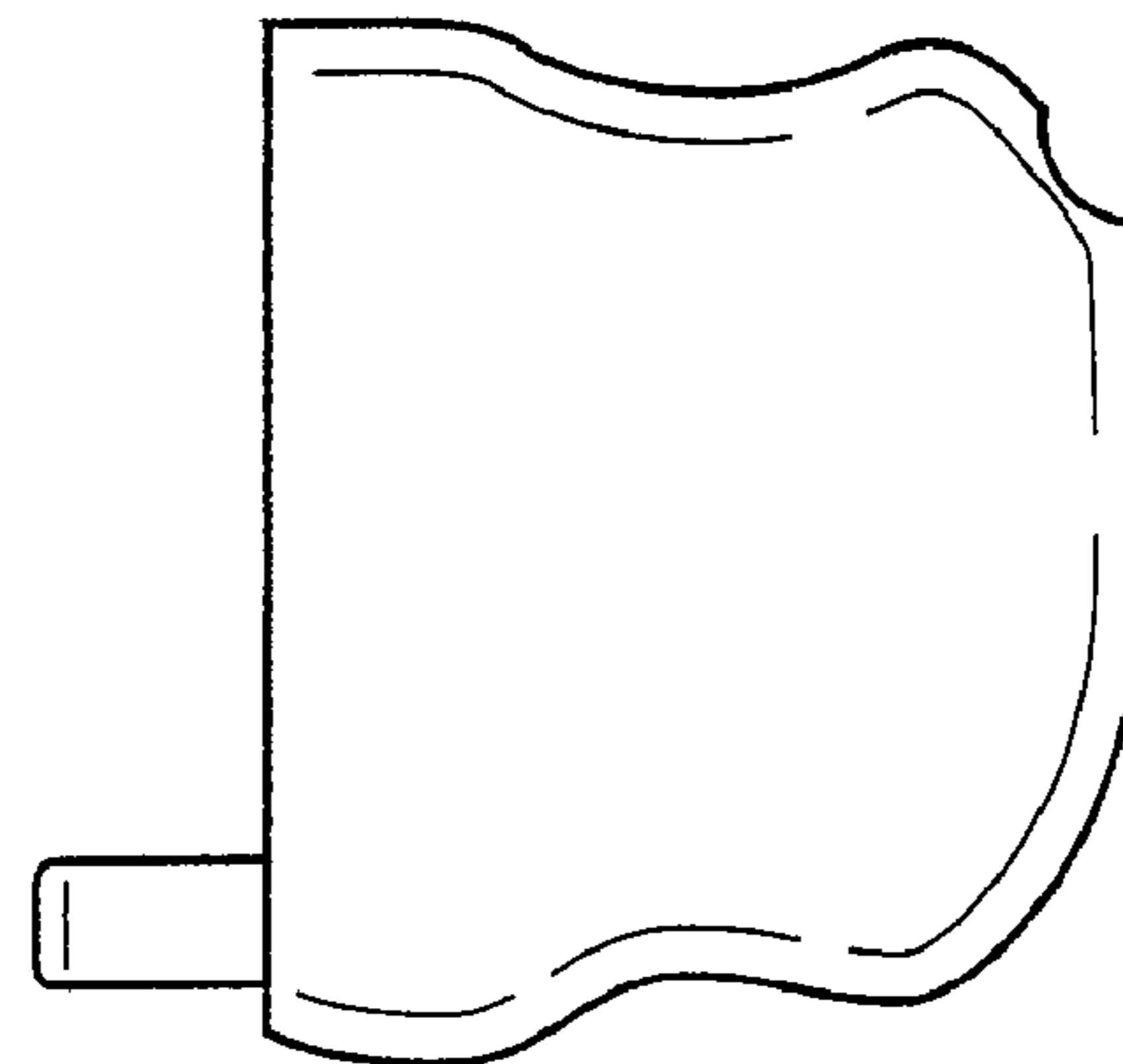


FIG. 17

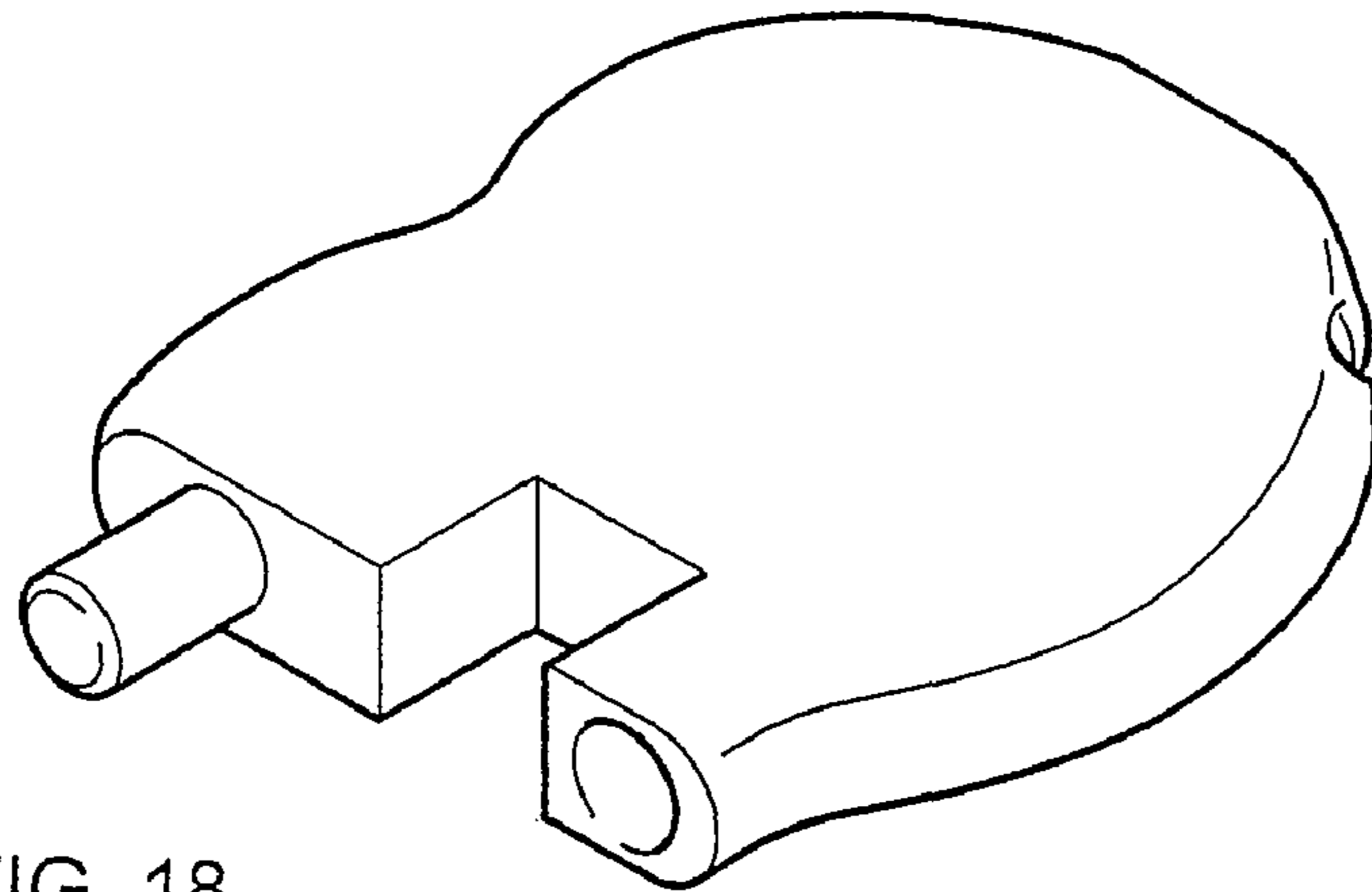


FIG. 18

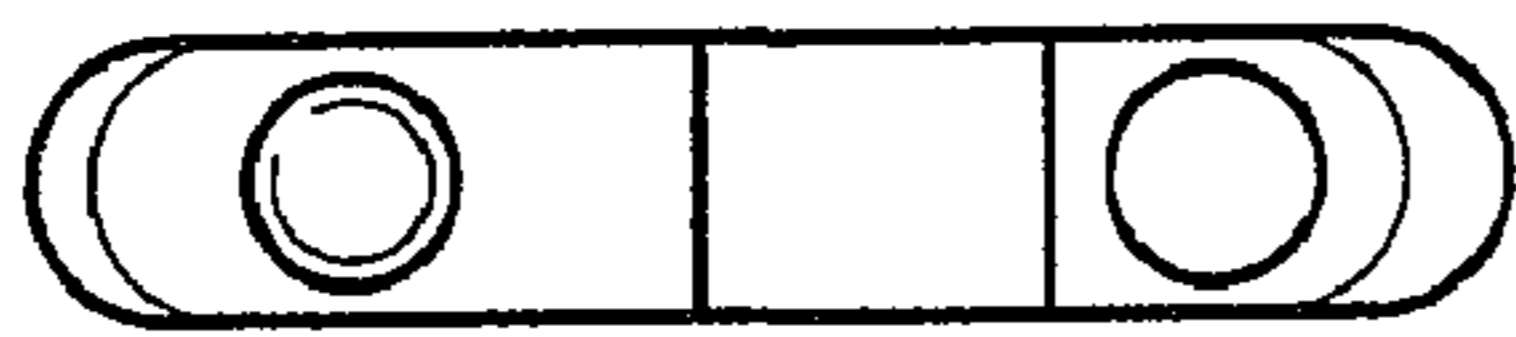


FIG. 19



FIG. 20

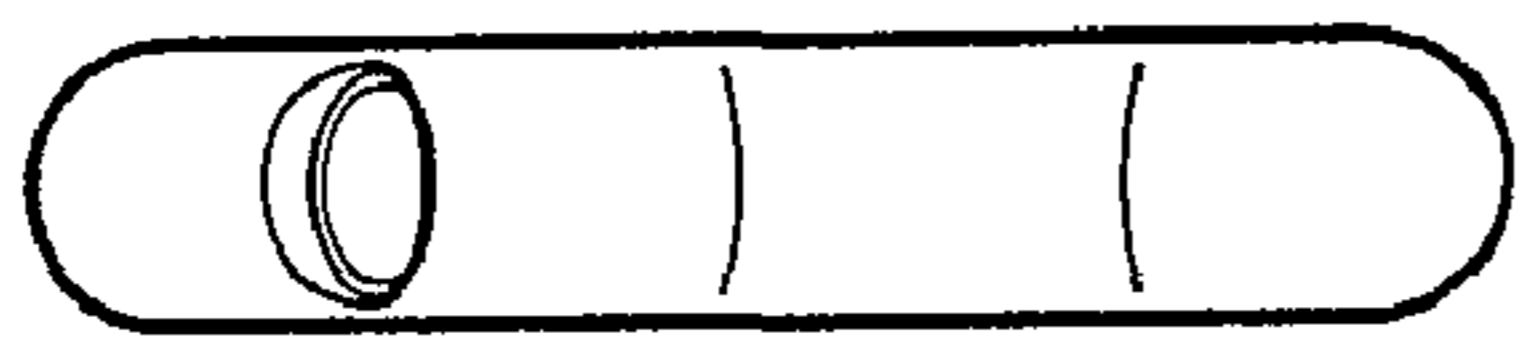


FIG. 21

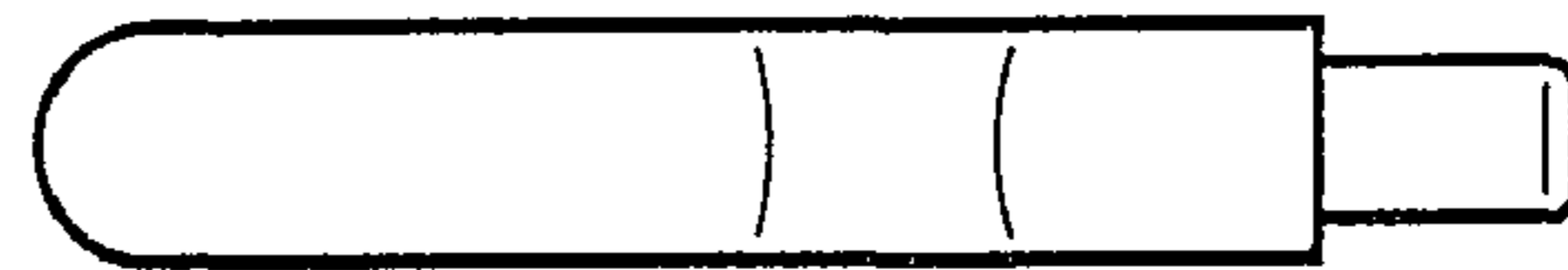


FIG. 22

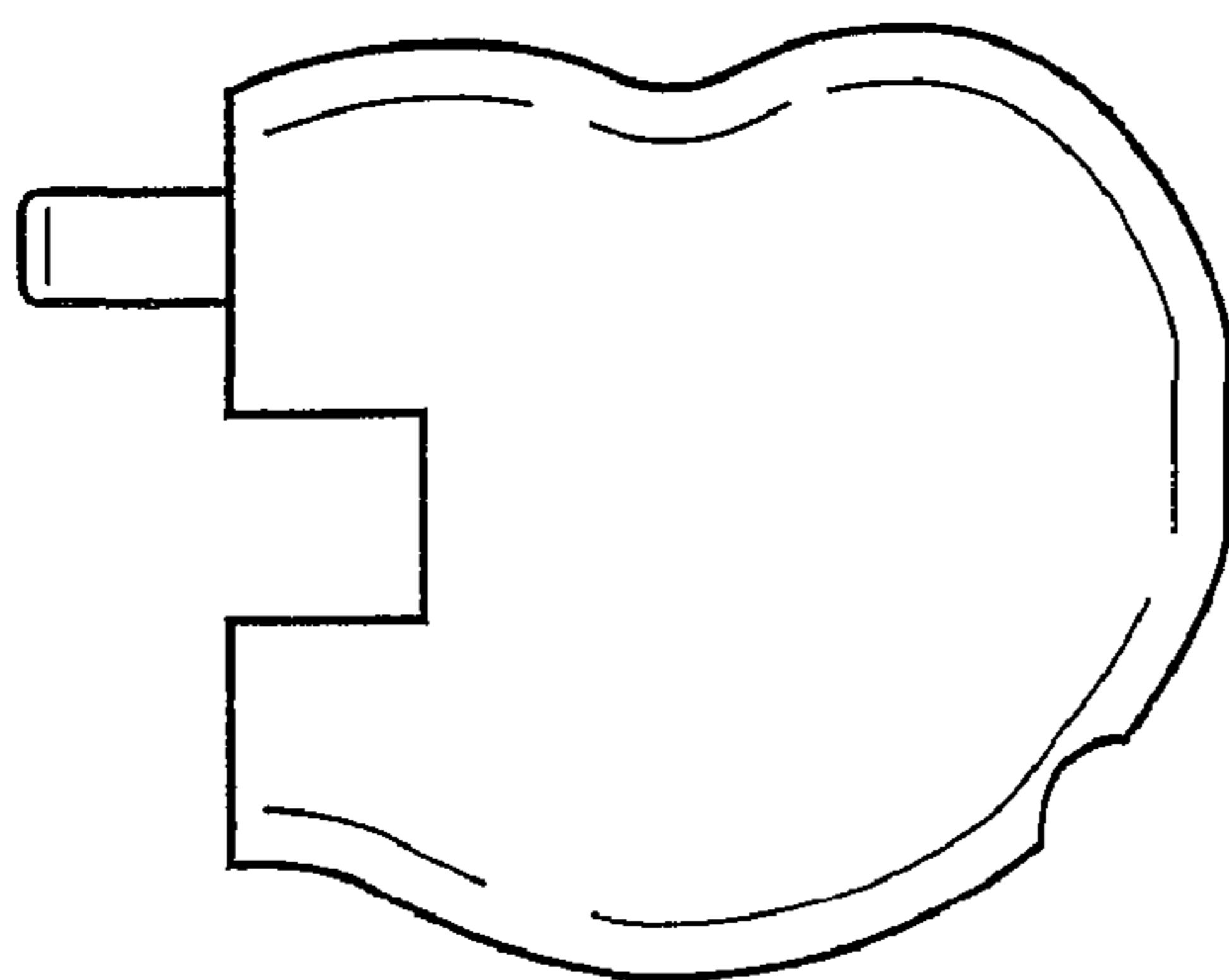


FIG. 23

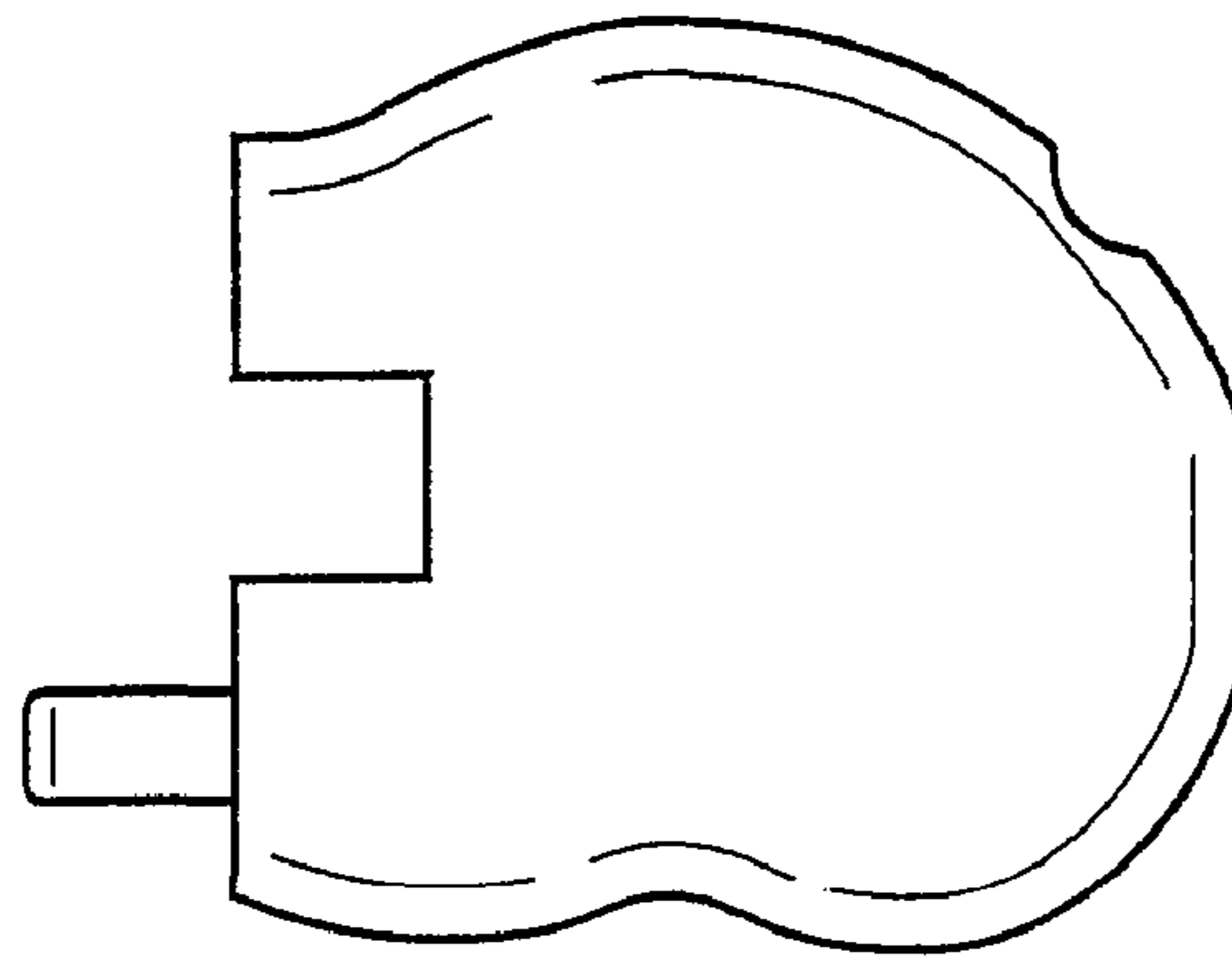


FIG. 24

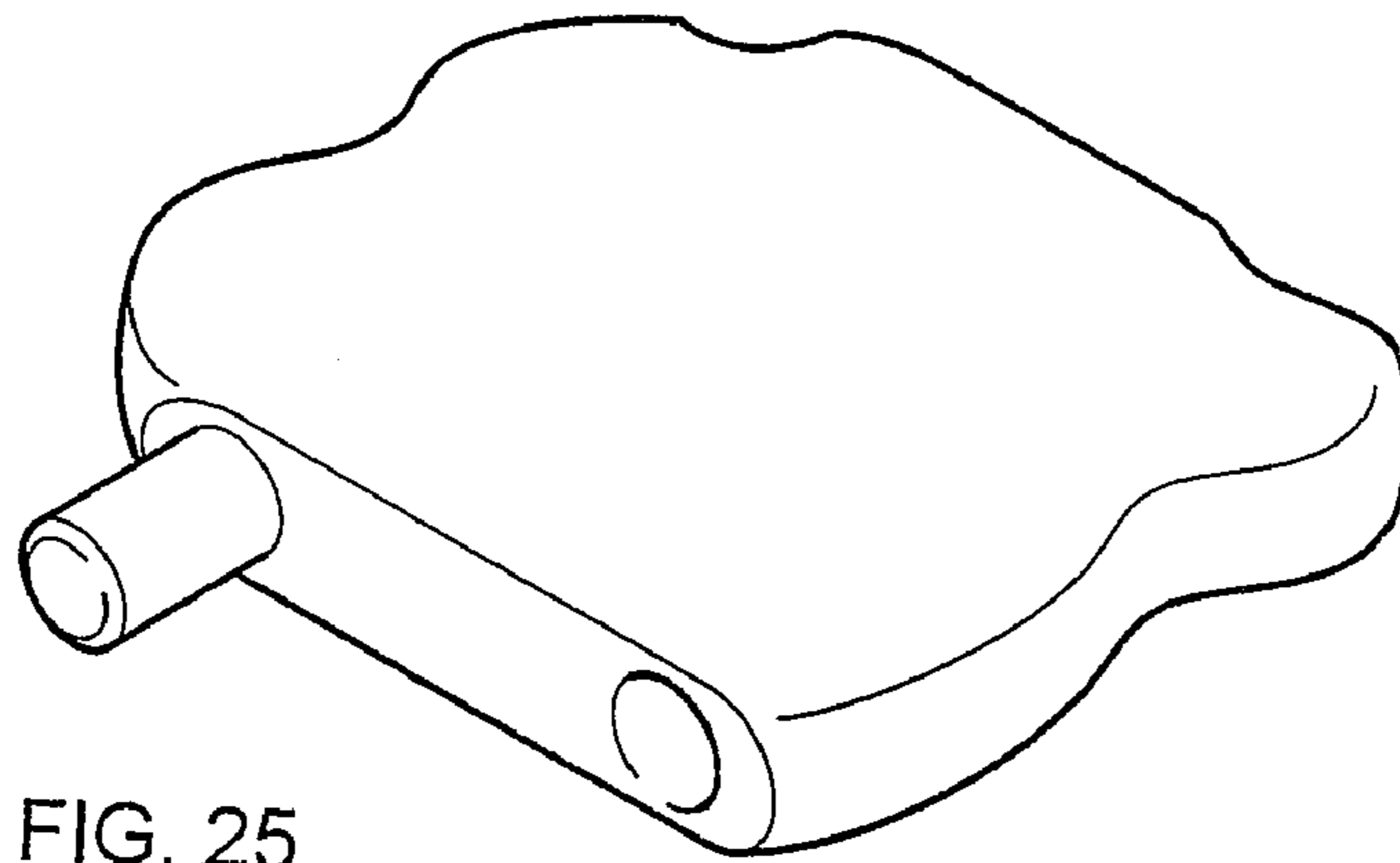


FIG. 25



FIG. 26



FIG. 27



FIG. 28



FIG. 29

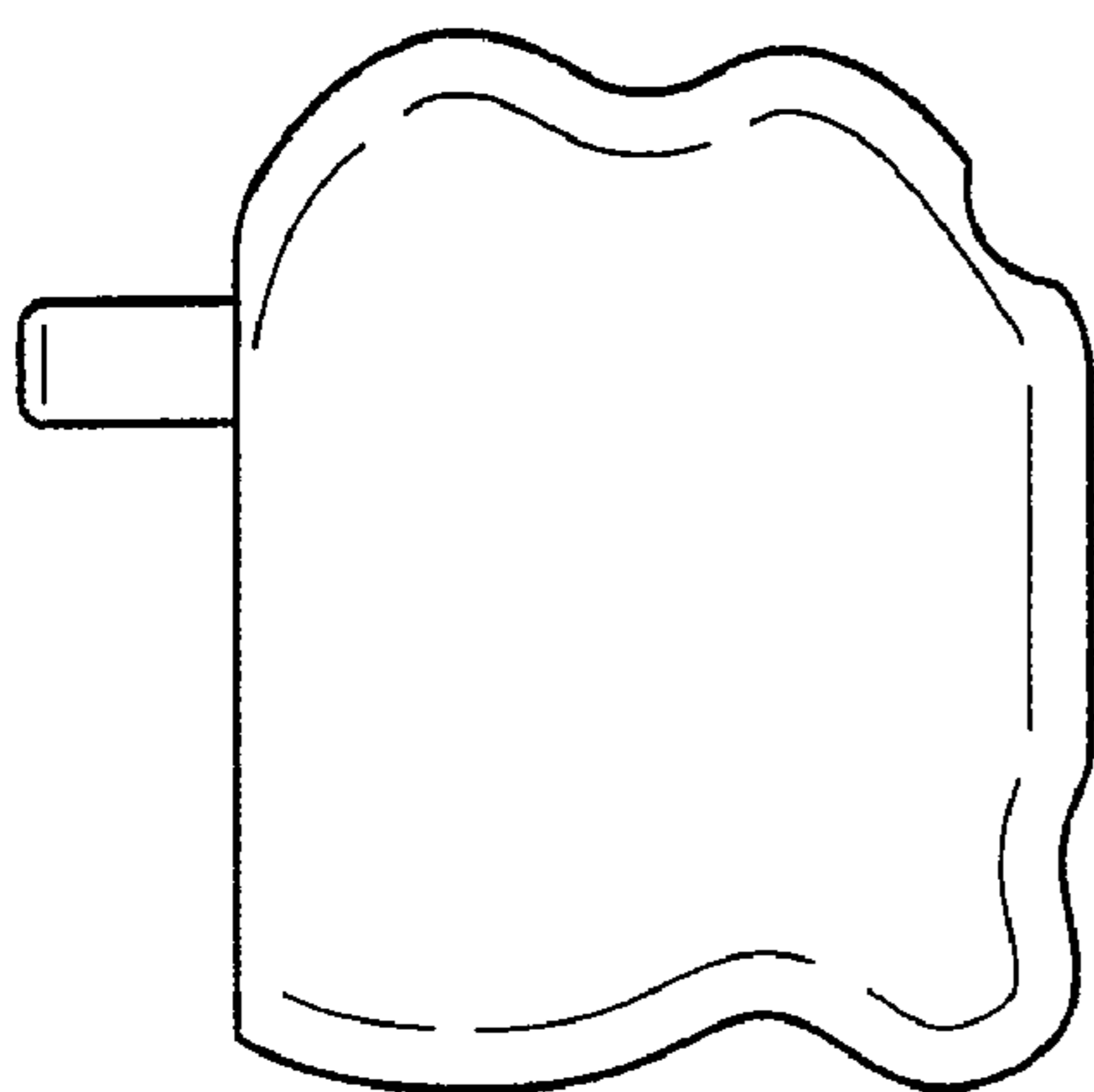


FIG. 30

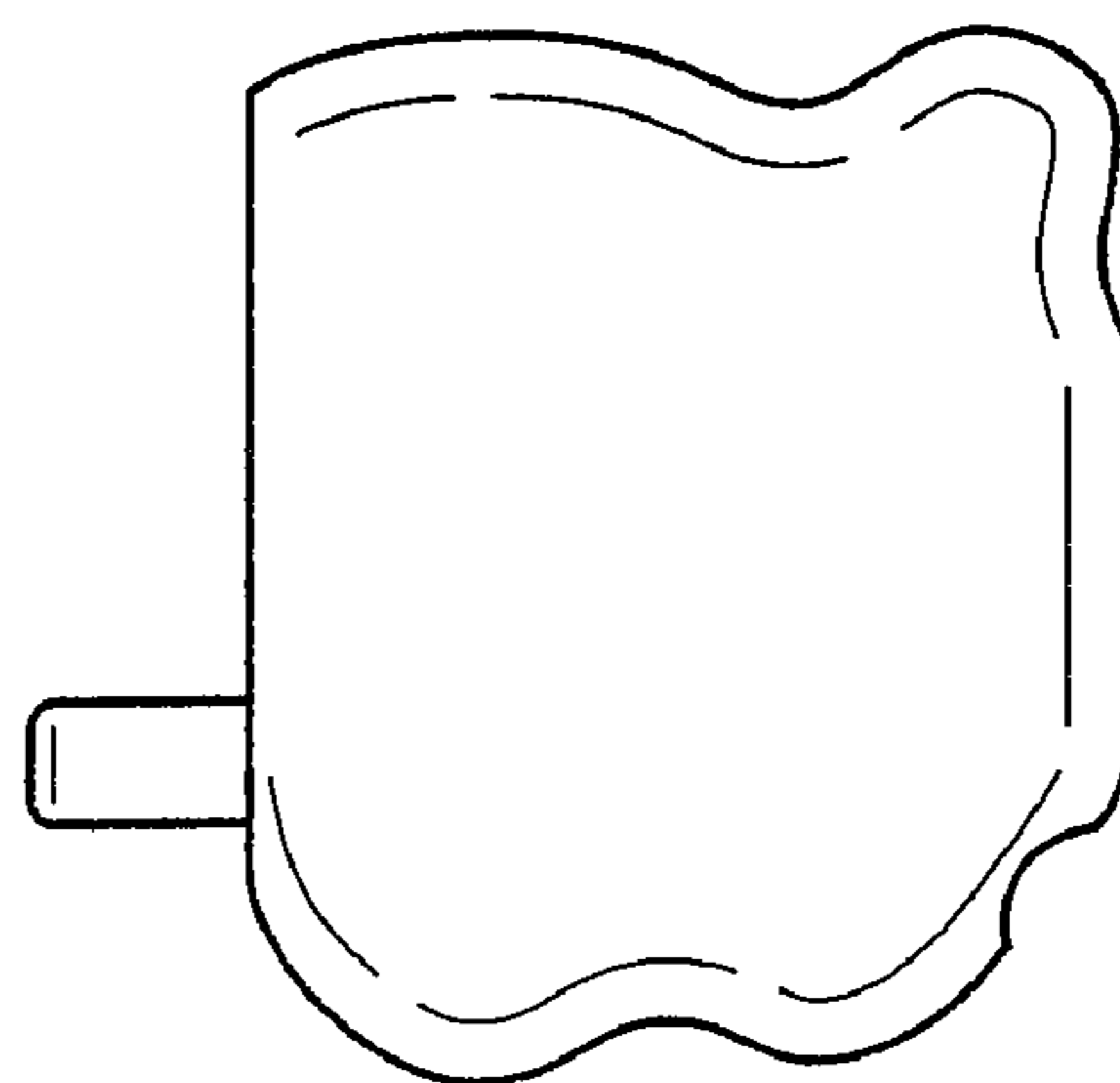


FIG. 31

FIG. 32

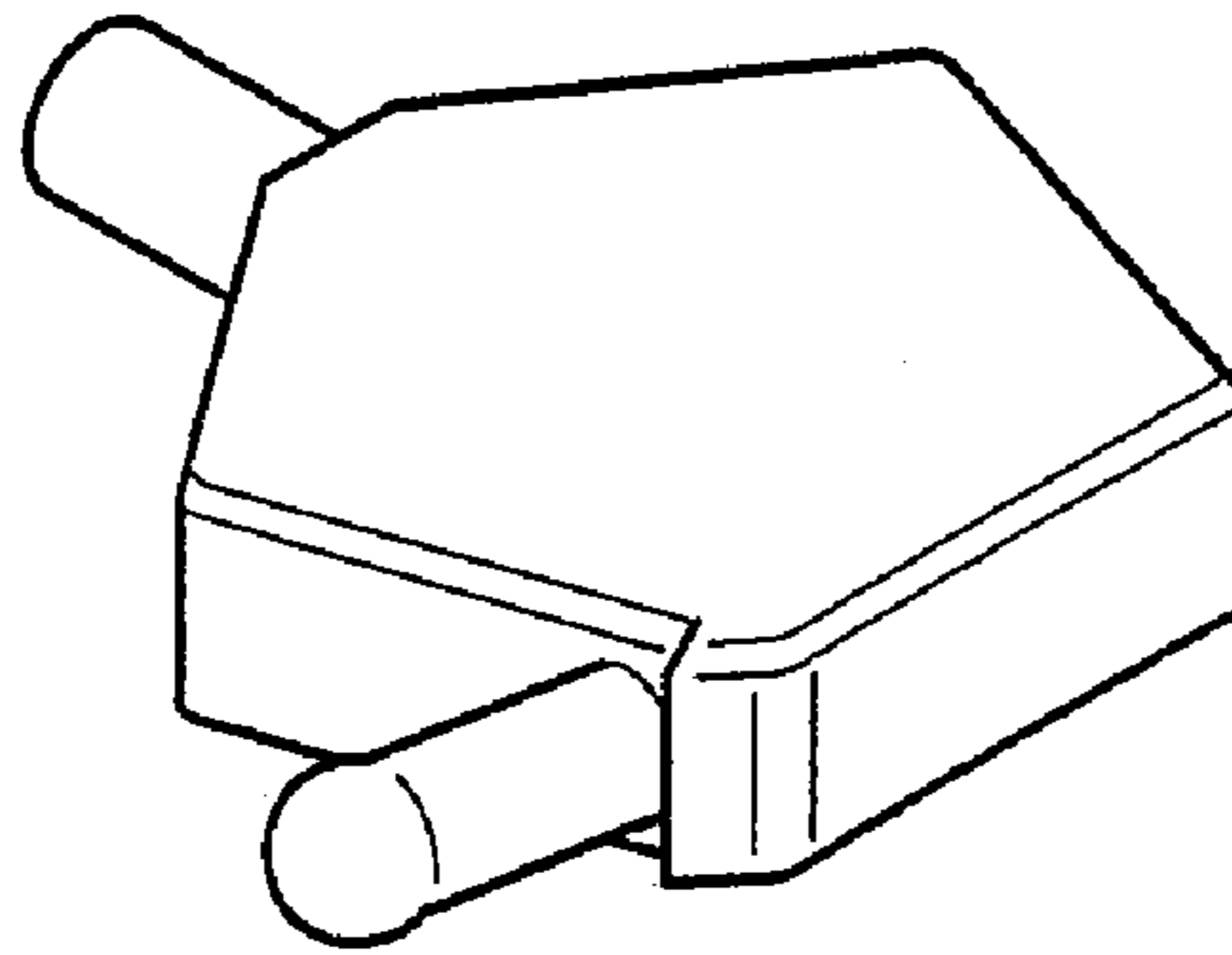


FIG. 33



FIG. 34

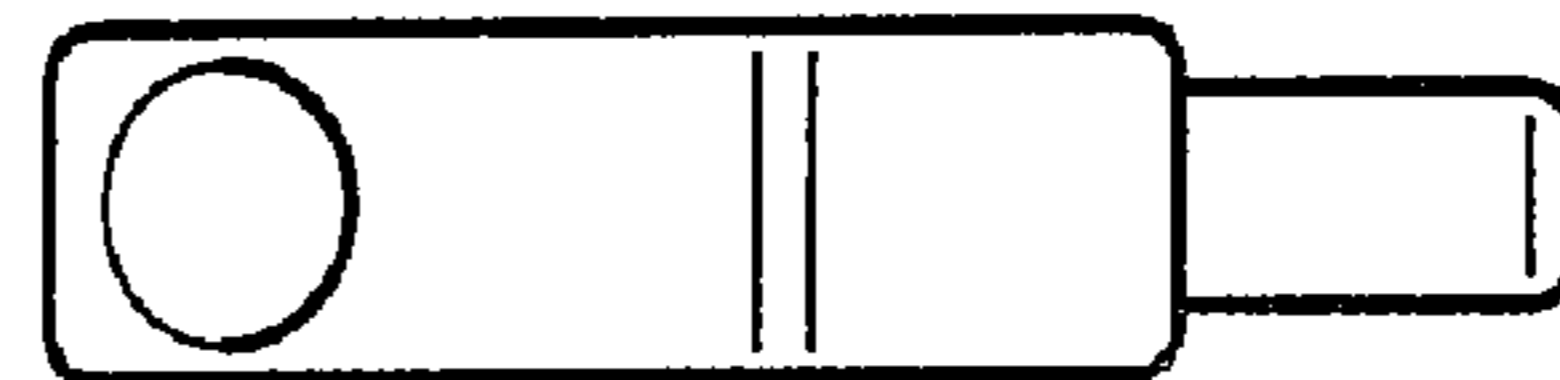


FIG. 35



FIG. 36

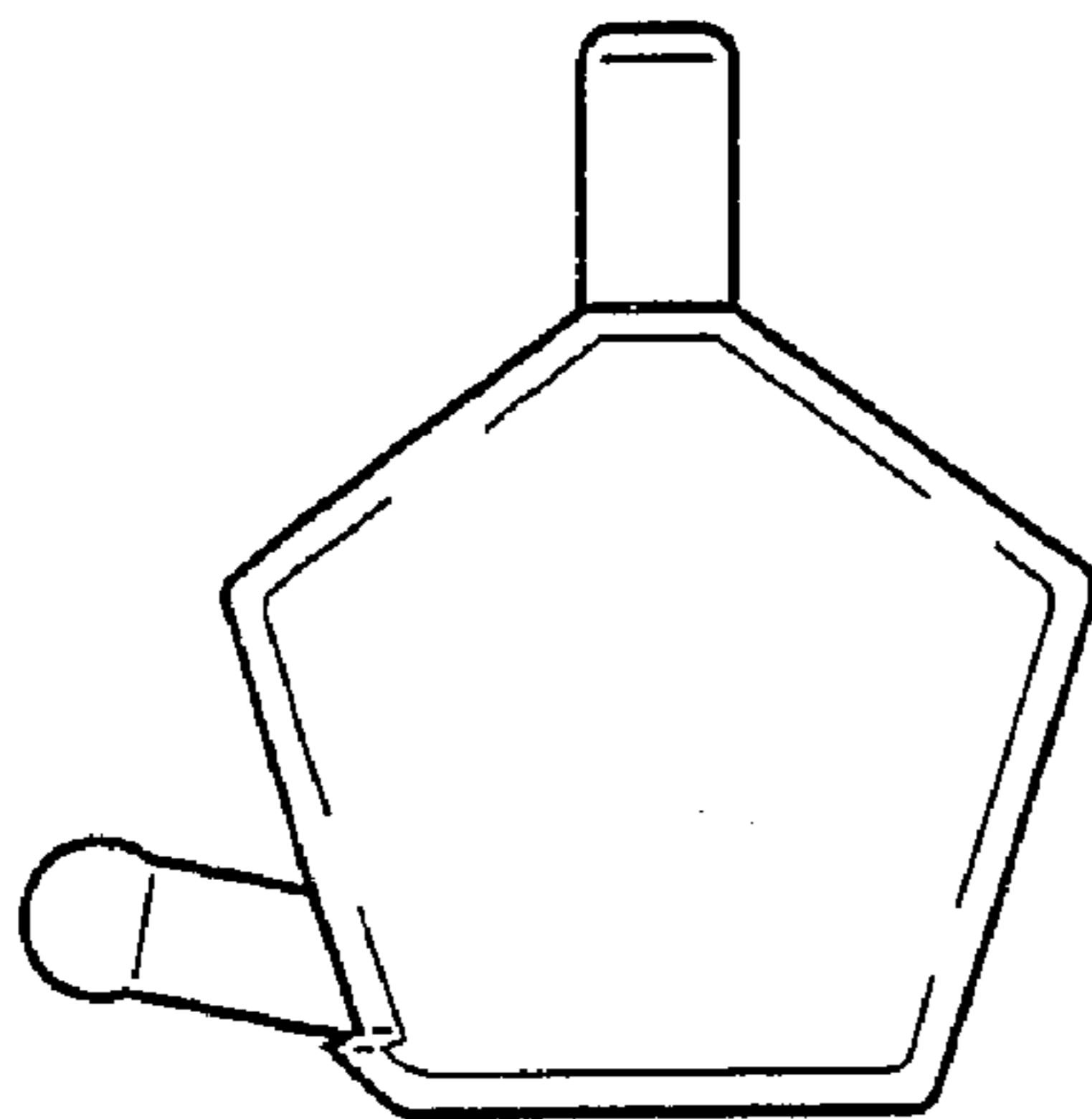


FIG. 37

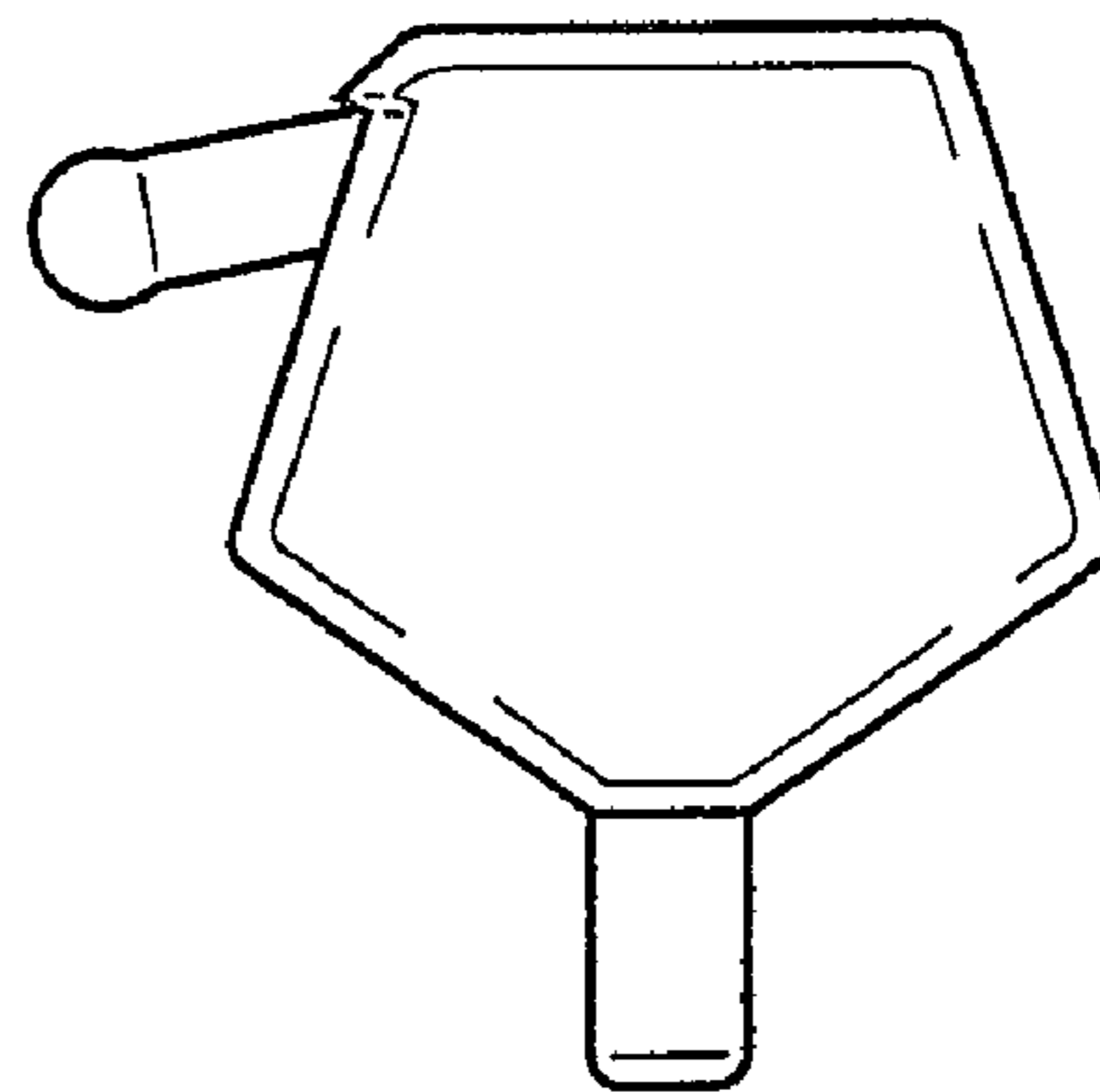


FIG. 38

FIG. 39

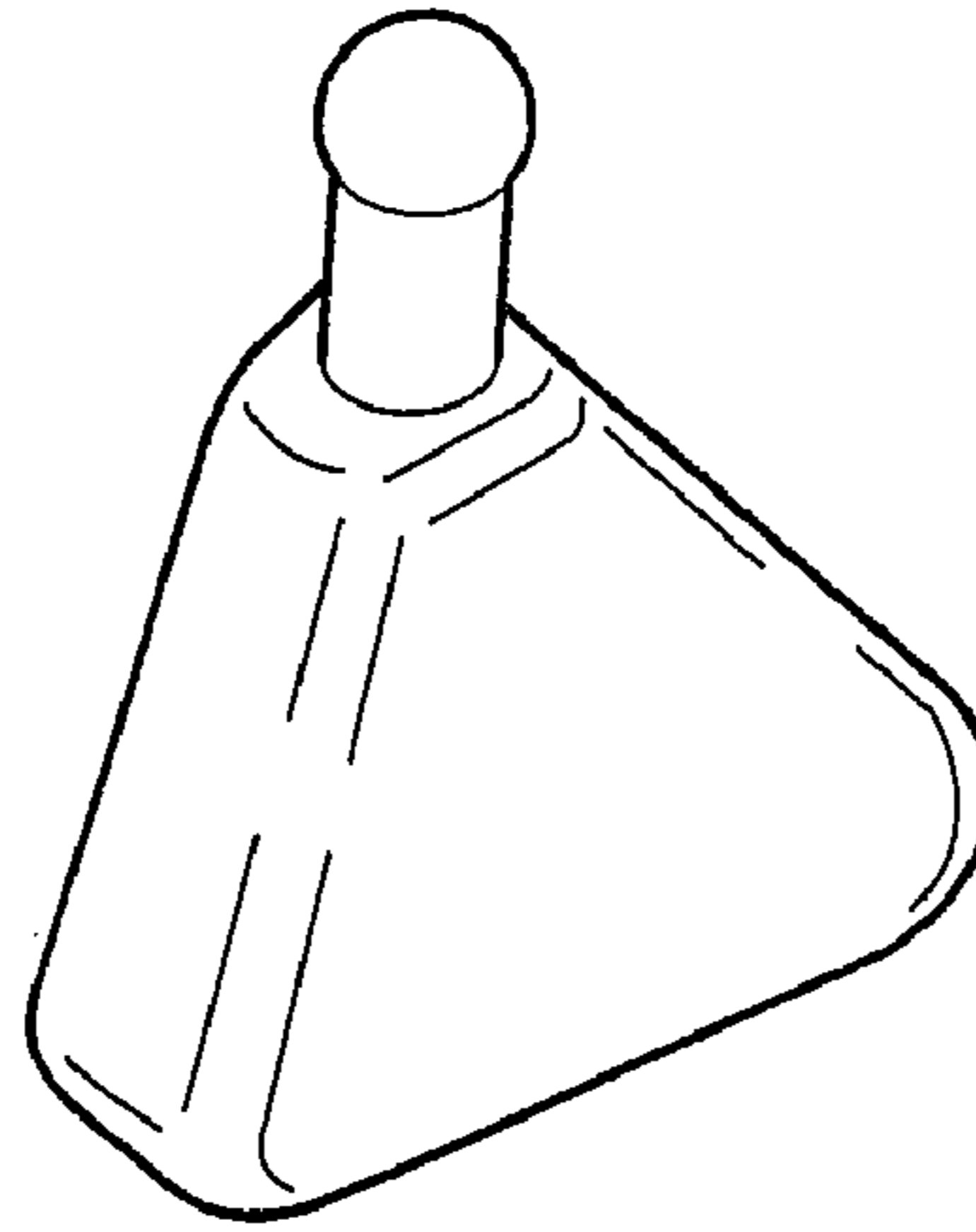


FIG. 40

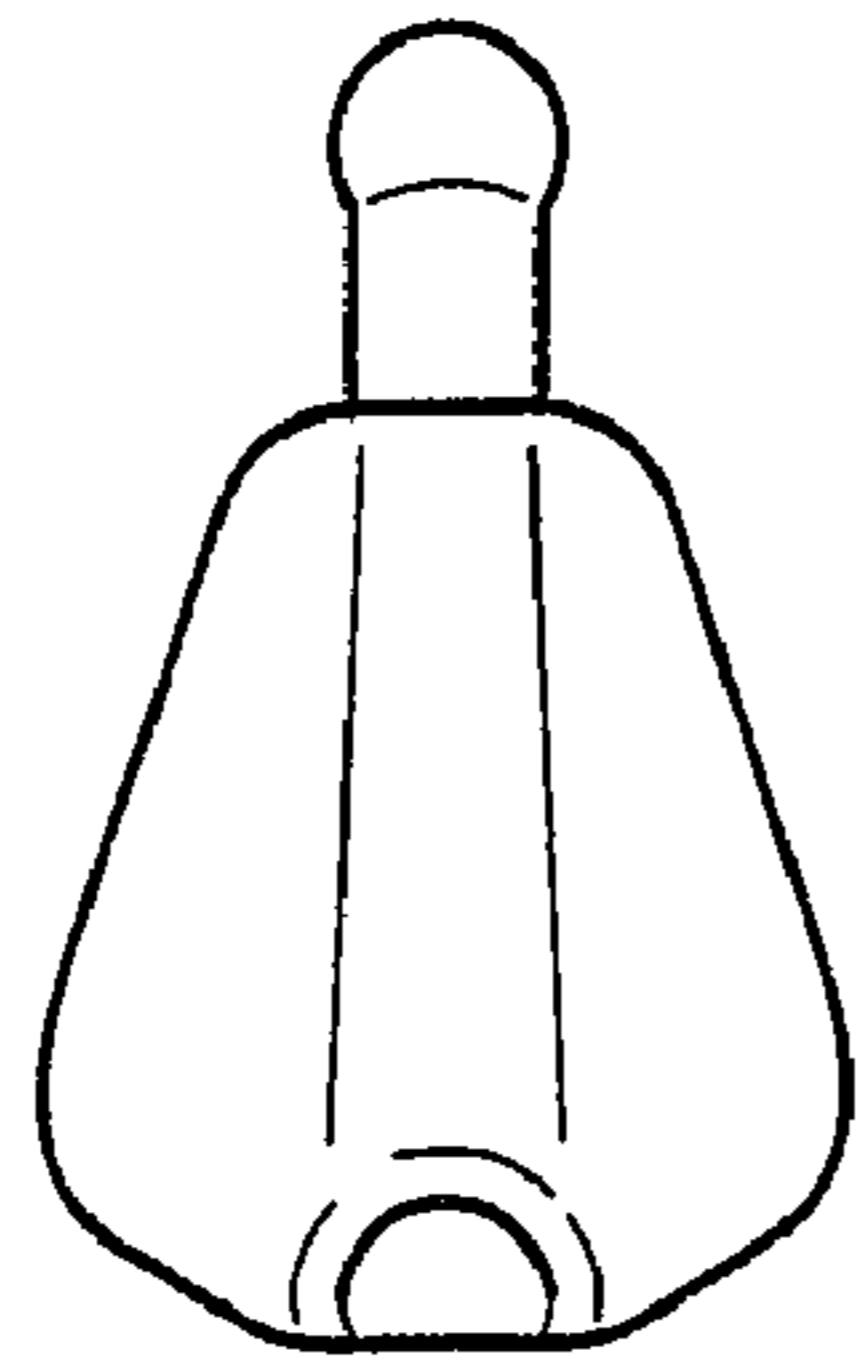


FIG. 41

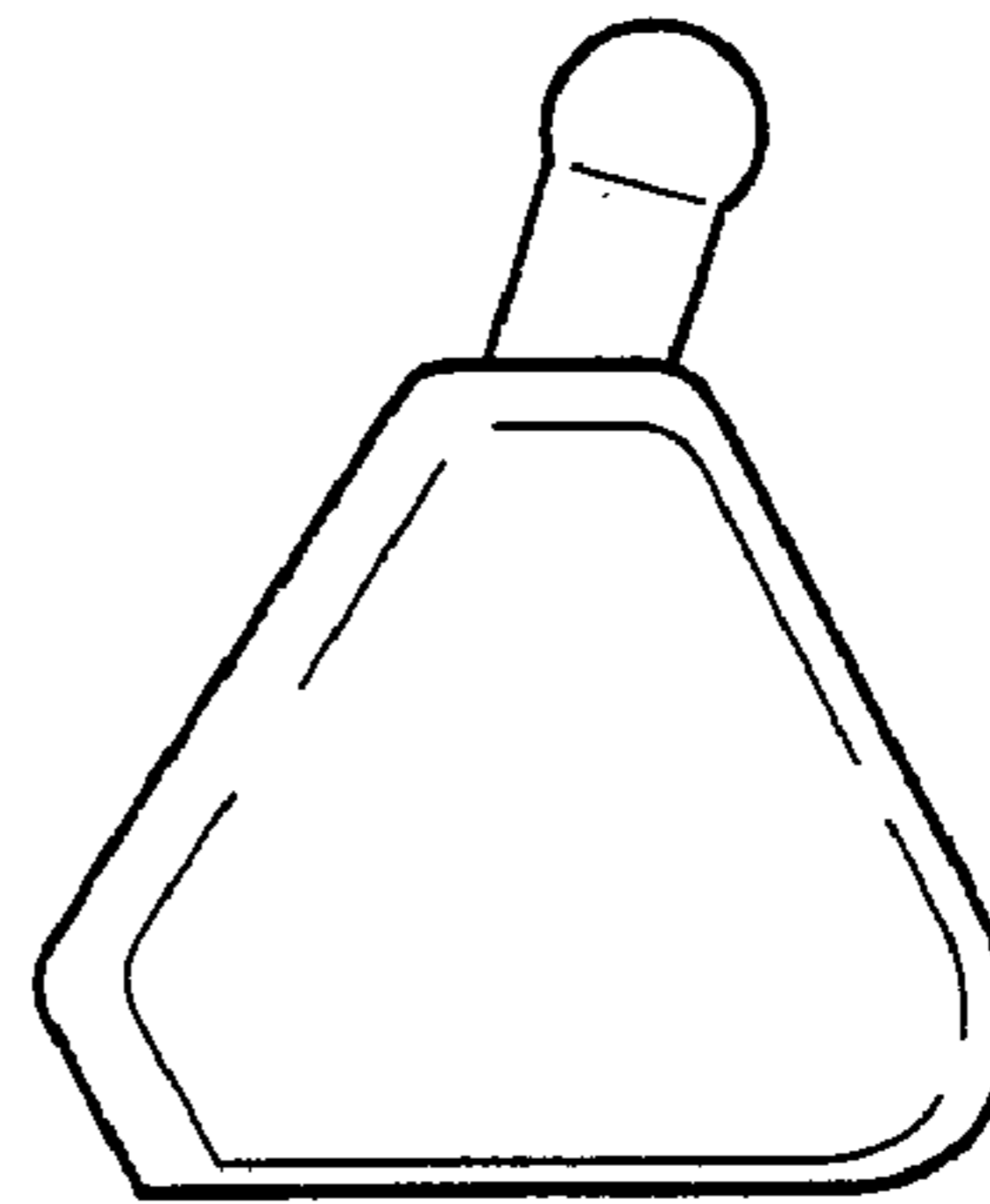


FIG. 42

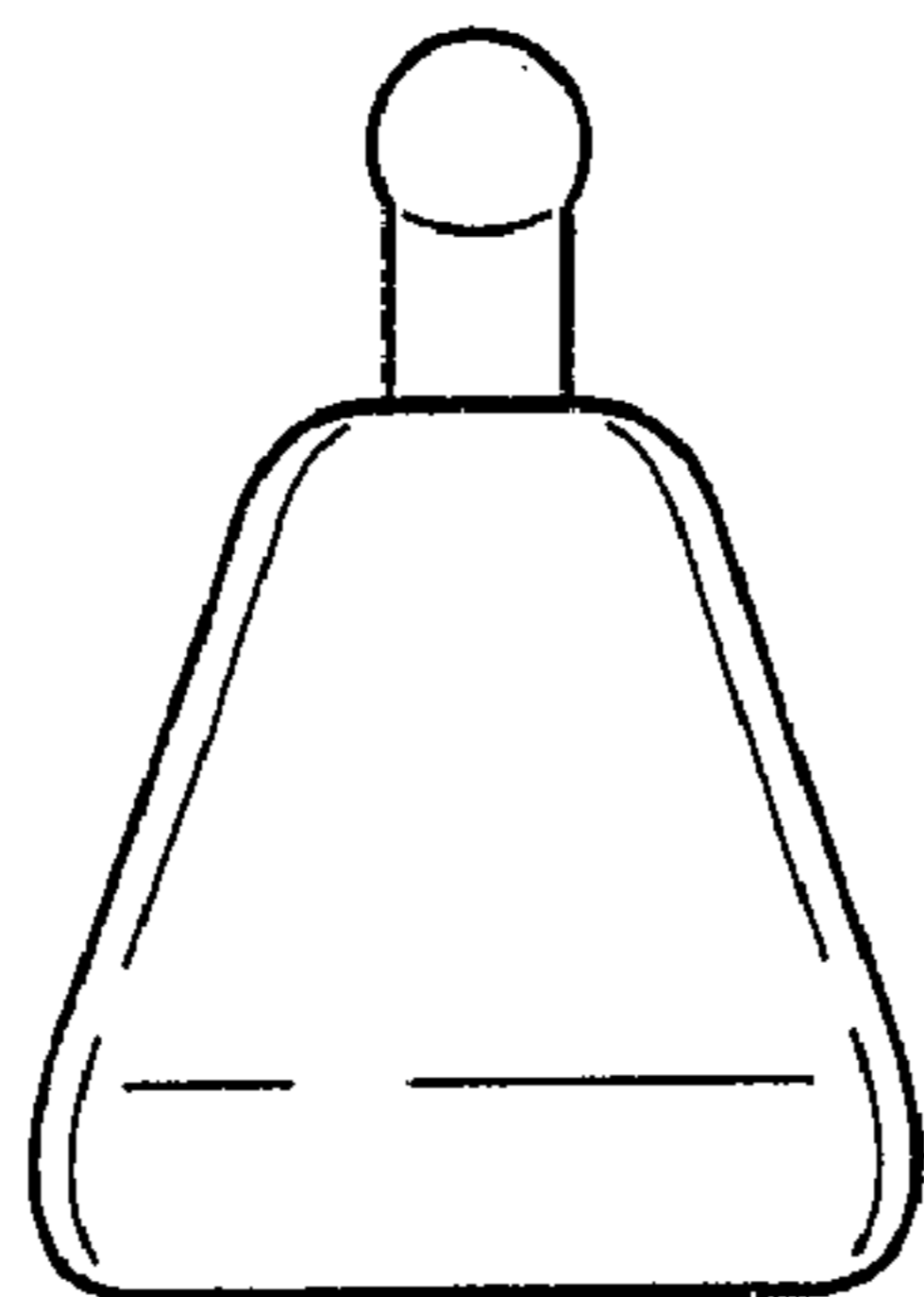


FIG. 43

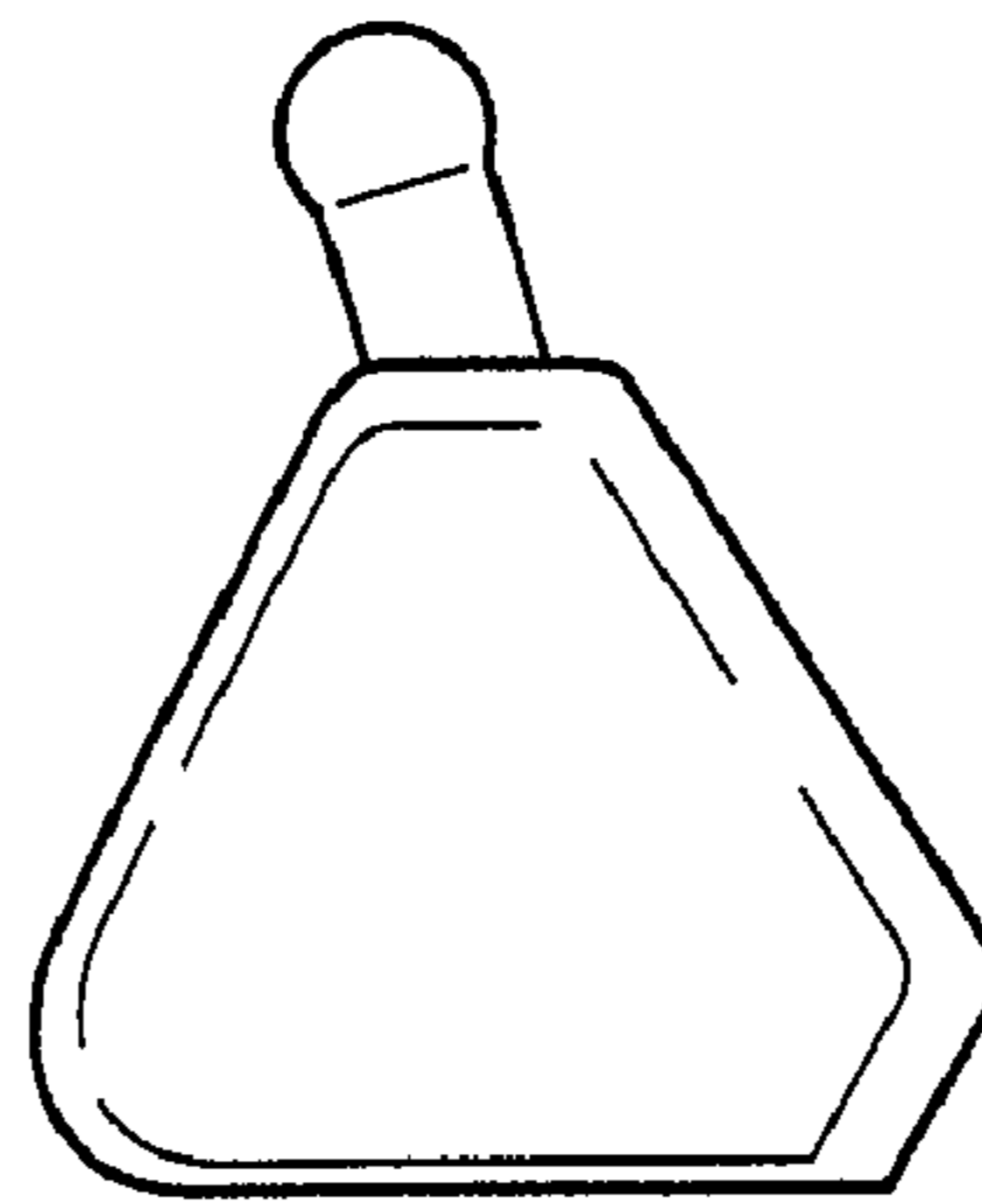


FIG. 44

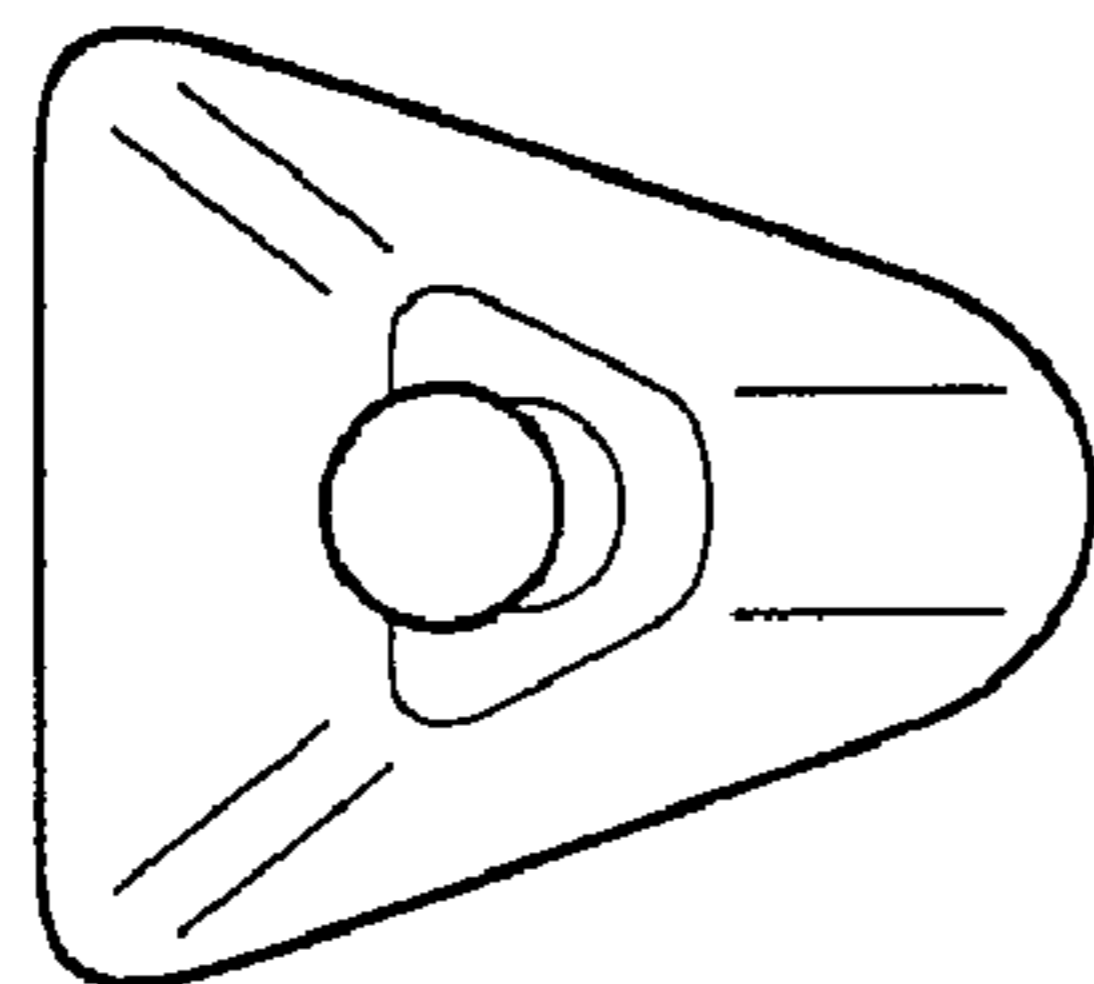


FIG. 45

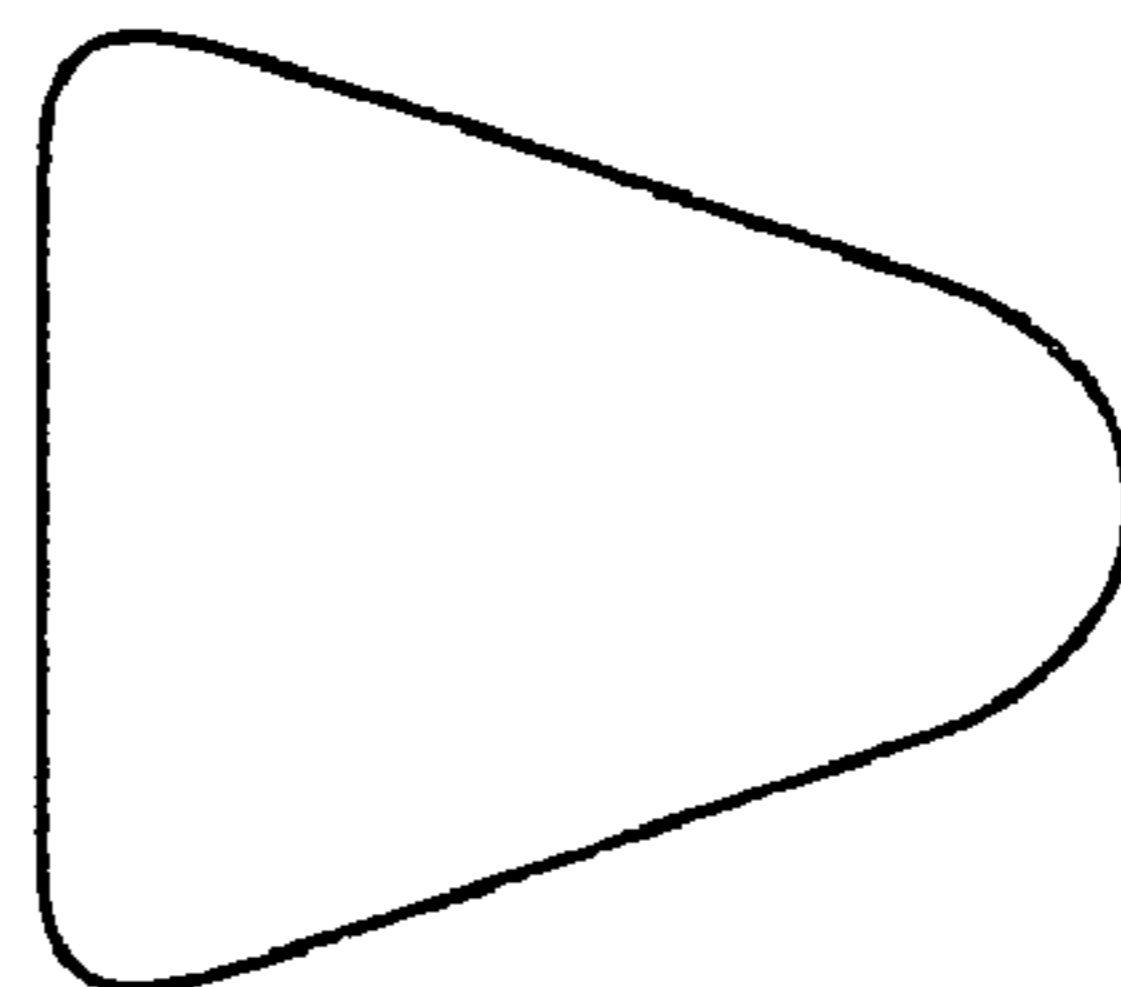


FIG. 46

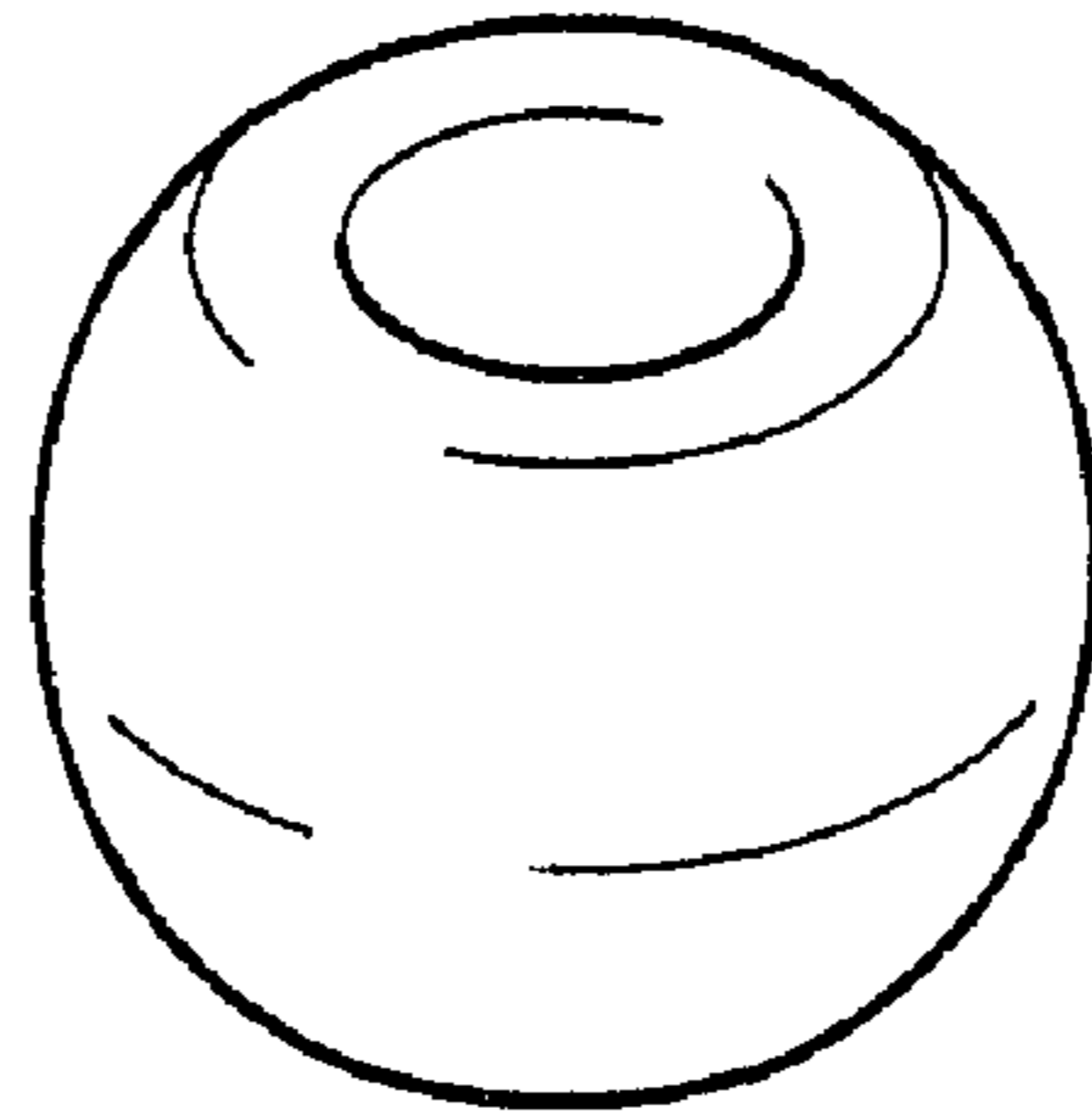


FIG. 47

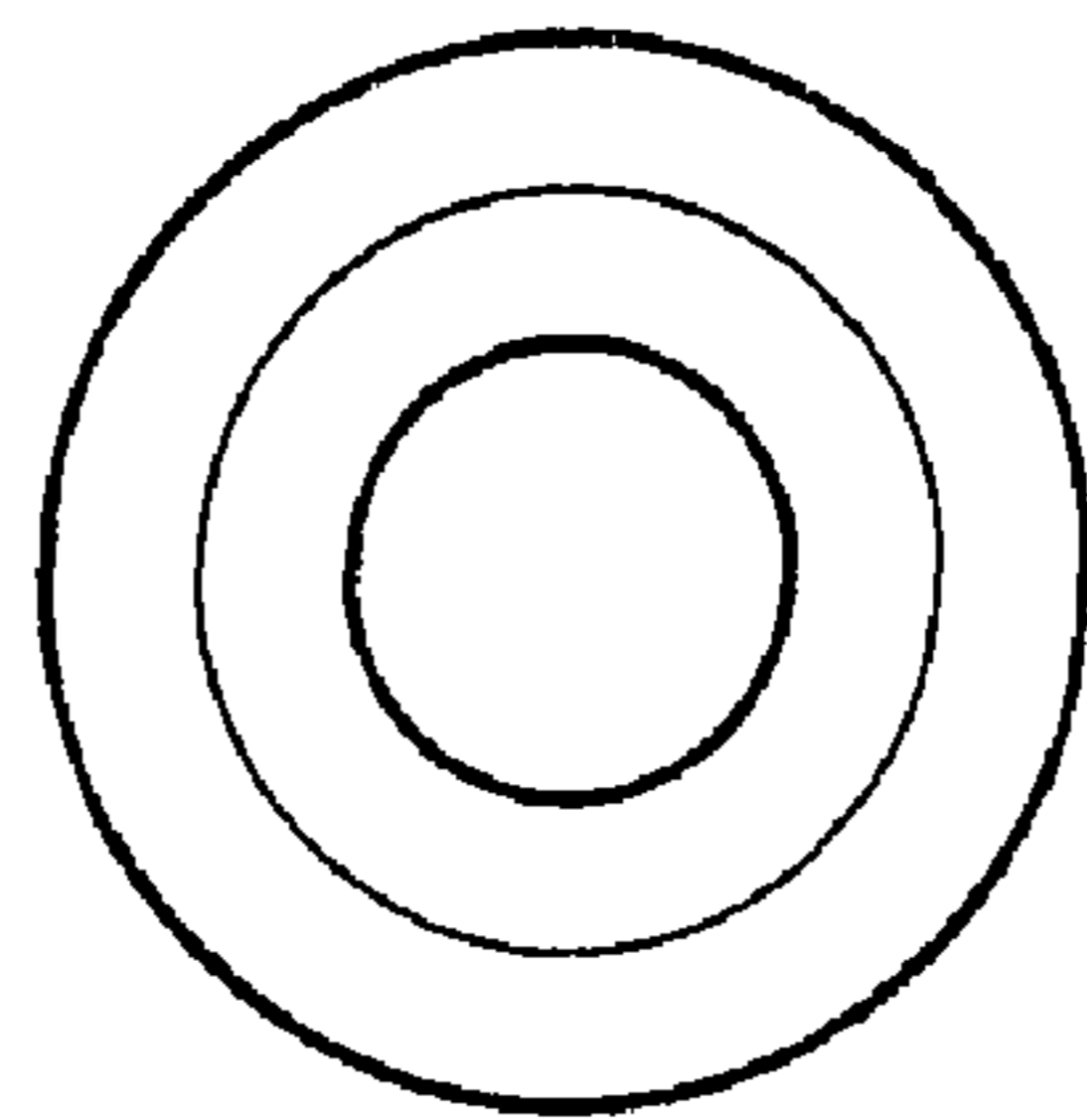
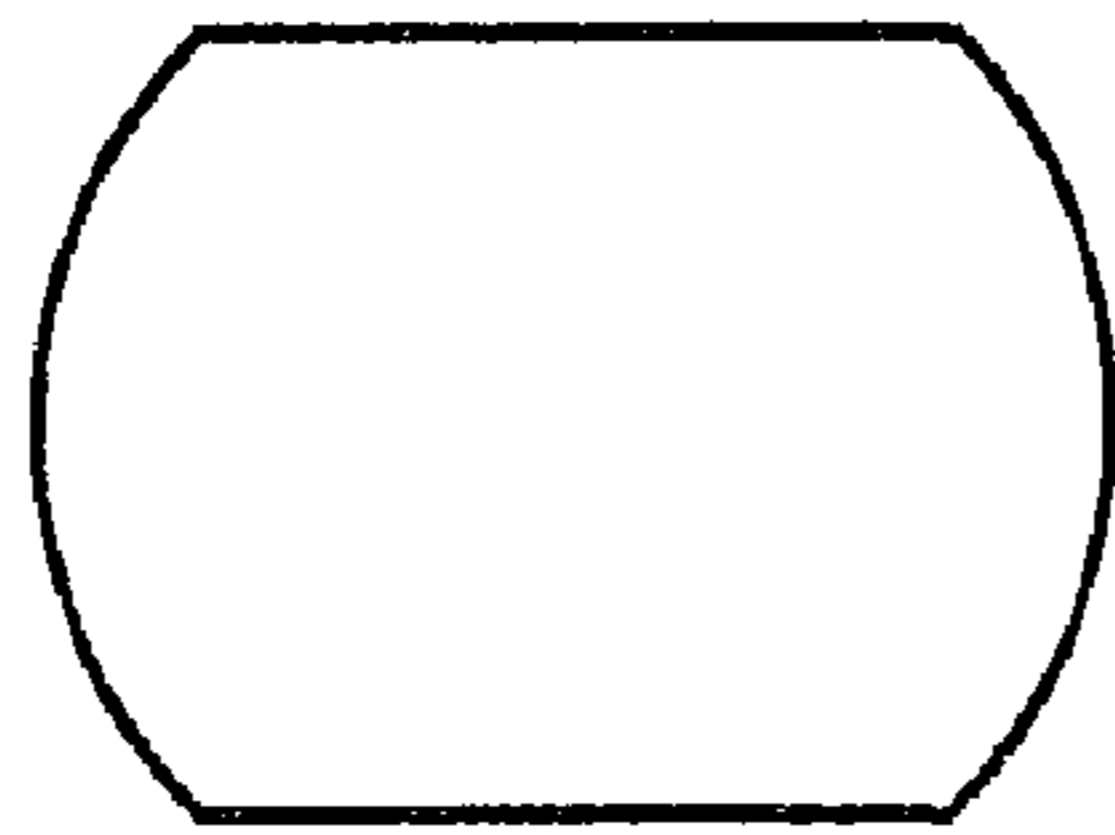


FIG. 48

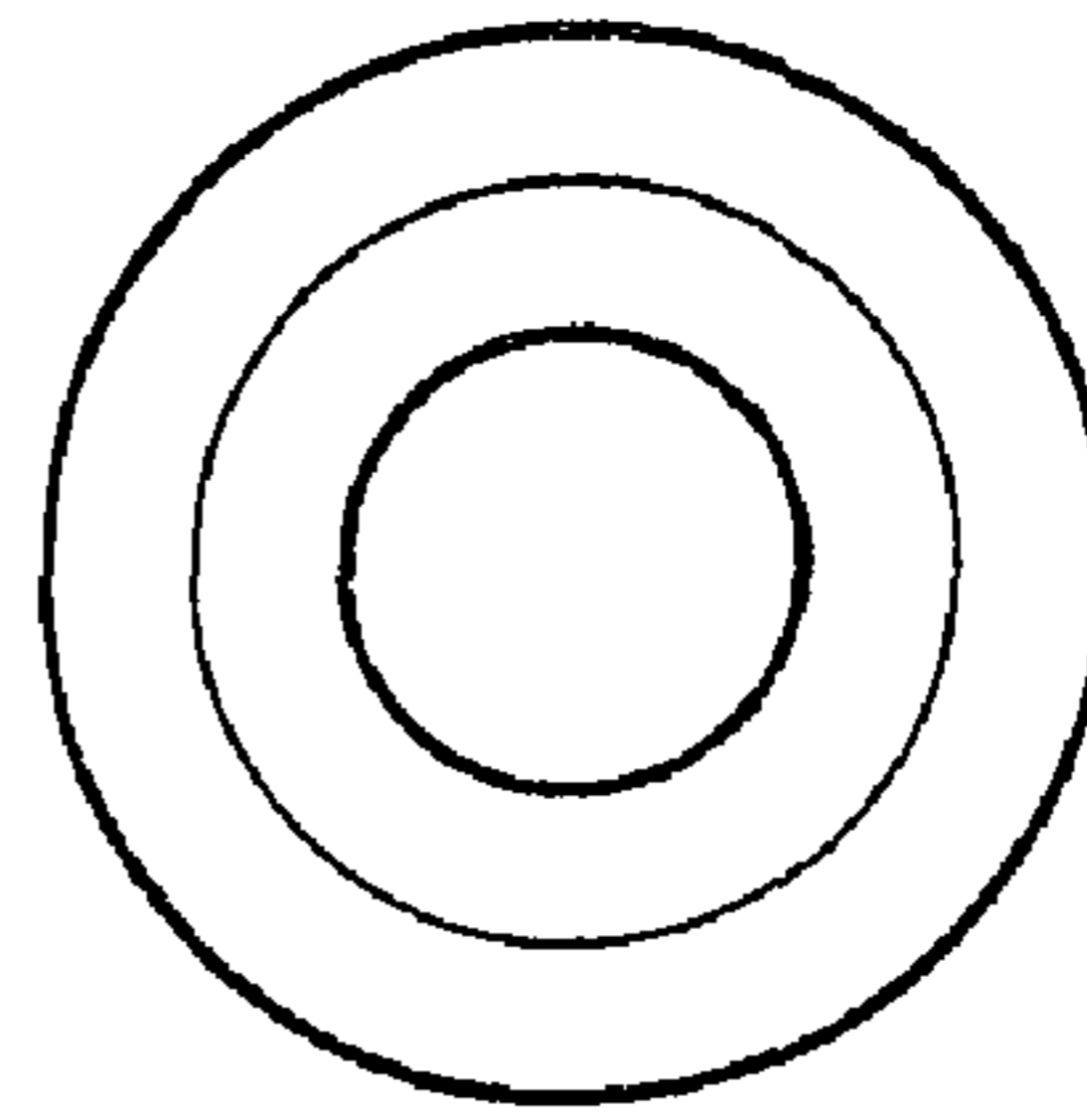


FIG. 49

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : D617,835 S
APPLICATION NO. : 29/243136
DATED : June 15, 2010
INVENTOR(S) : James C. Spiring and Philip J. Spiring

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page item (30), insert

--Foreign Application Priority Data

May 19, 2005 (EU) 000351325-0001
May 19, 2005 (EU) 000351325-0002
May 19, 2005 (EU) 000351325-0003
May 19, 2005 (EU) 000351325-0004
May 19, 2005 (EU) 000351325-0005
May 19, 2005 (EU) 000351325-0006
May 19, 2005 (EU) 000351325-0007
May 19, 2005 (EU) 000351325-0008--

Signed and Sealed this
Fourth Day of January, 2011



David J. Kappos
Director of the United States Patent and Trademark Office