



US00D611570S

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

(10) **Patent No.:** **US D611,570 S**  
(45) **Date of Patent:** **\*\* \*Mar. 9, 2010**

(54) **PROTECTION DEVICE FOR A  
FIRE-FIGHTING INSTRUMENT**

Product 2 Sprinkler Cover (photographs); 6 pages, Product marked  
"US Patent No. 6669111", p. 4 of 6, Dec. 2003.

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(Continued)

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(US)

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

(57) **CLAIM**

An ornamental design for a protection device for a fire-fight-  
ing instrument, as shown and described.

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

(21) Appl. No.: **29/280,987**

**DESCRIPTION**

(22) Filed: **Jun. 12, 2007**

**Related U.S. Application Data**

(63) Continuation of application No. 11/761,779, filed on  
Jun. 12, 2007.

FIG. 1 is a perspective view of a protection device disposed  
about a fire-fighting instrument embodied as a sprinkler.

FIG. 2 is a perspective view of the protection device of FIG.  
1.

(51) **LOC (9) Cl.** ..... **23-01**

FIG. 3 is another perspective view of the protection device of  
FIG. 2.

(52) **U.S. Cl.** ..... **D23/214; D8/396; D23/227**

FIG. 4 is a plan view of a one side of the protection device of  
FIG. 2.

(58) **Field of Classification Search** ..... **D23/213,**  
**D23/214; D8/354, 394, 396; 239/288–288.5;**  
**169/37, 38, 39, 51**

FIG. 5 is a plan view of another side of the protection device  
in FIG. 2 and opposite the side shown in FIG. 4.

See application file for complete search history.

FIG. 6 is an end view of the protection device of FIG. 2.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

FIG. 7 is another end view of the protection device of FIG. 2  
and opposite the end

3,454,097 A \* 7/1969 Groos ..... 169/38

FIG. 8 is a plan view of the top of the protection device of FIG.  
2.

5,893,418 A \* 4/1999 Ponte ..... 169/37

FIG. 9 is a plan view of the bottom of the protection device of  
FIG. 2; and,

6,669,111 B2 12/2003 Vinson et al.

FIG. 10 is another perspective view shown in open position.

D498,818 S 11/2004 Ide et al.

The broken lines are for the purpose of illustrating unclaimed  
portions of the protection device and the surrounding envi-  
ronmental structure and forms no part of the claimed design.

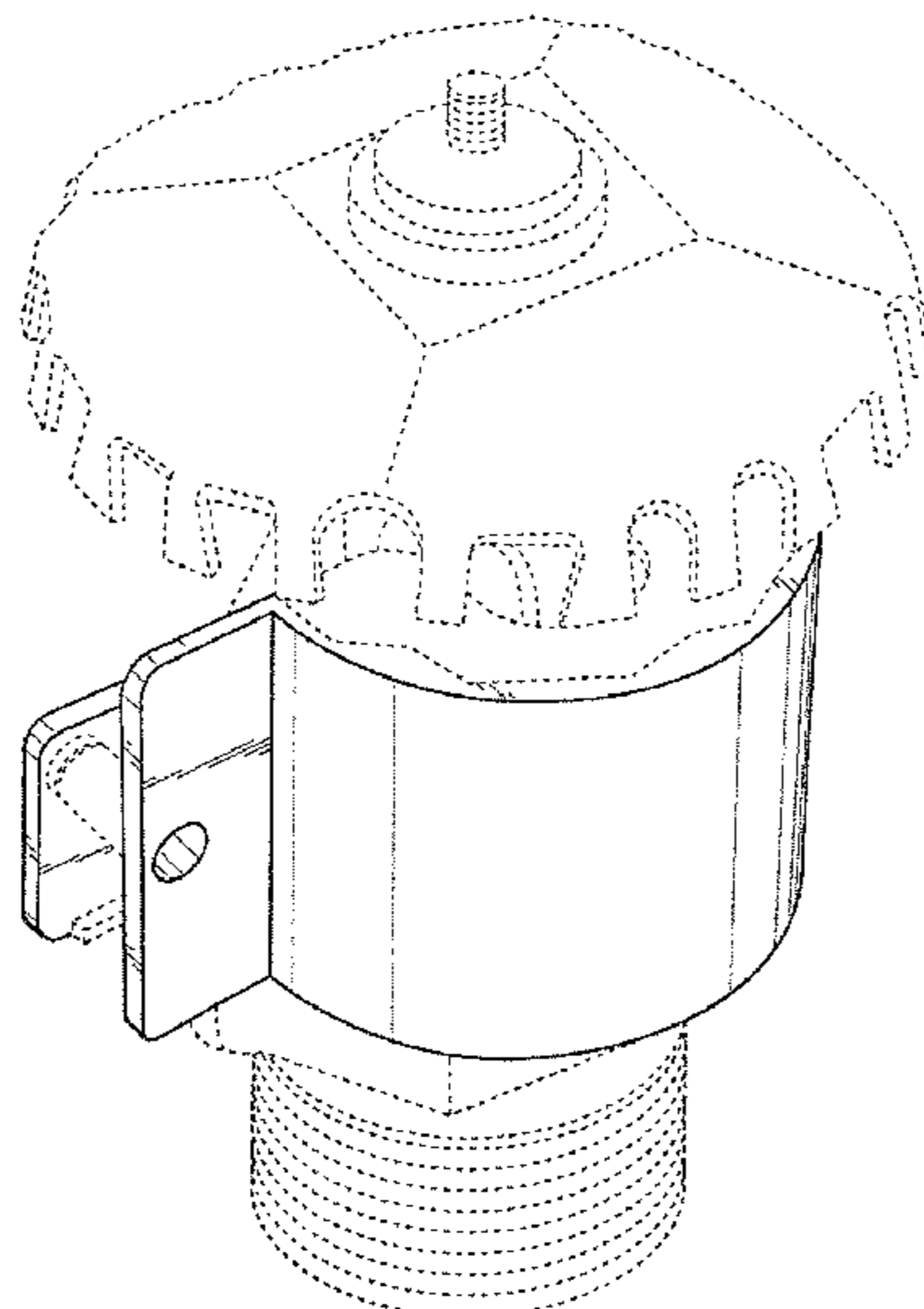
7,273,189 B2 \* 9/2007 Ide et al. .... 239/288

7,540,330 B2 \* 6/2009 Orr et al. .... 169/37

**OTHER PUBLICATIONS**

U.S. Appl. No. 11/761,779, Jun. 12, 2007, Su Yang.  
Product 1 Sprinkler Cover (photographs); 3 pages, Product marked  
Patent Pend., pp. 2 and 3 of 3.

**1 Claim, 7 Drawing Sheets**



# US D611,570 S

Page 2

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## OTHER PUBLICATIONS

Product 3 Sprinkler Cover (photographs); 6 page, Product marked  
“US Patent No. 6669111”, p. 4 of 6, Dec. 2003.

Product 4 Sprinkler Cover (photographs); 5 page, Product marked  
“US Patent No. 6669111”, p. 3 of 5, Dec. 2003.

\* cited by examiner

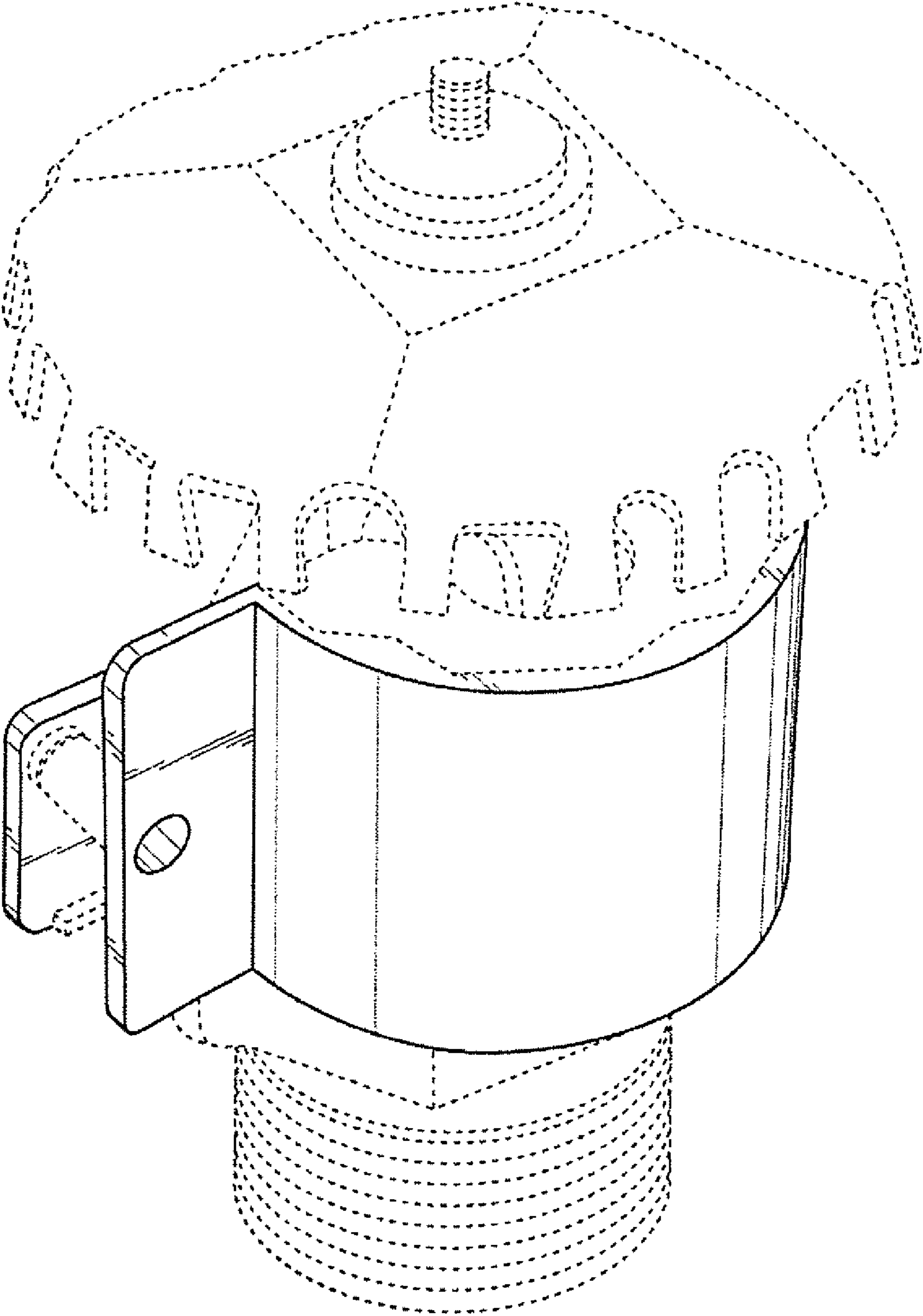
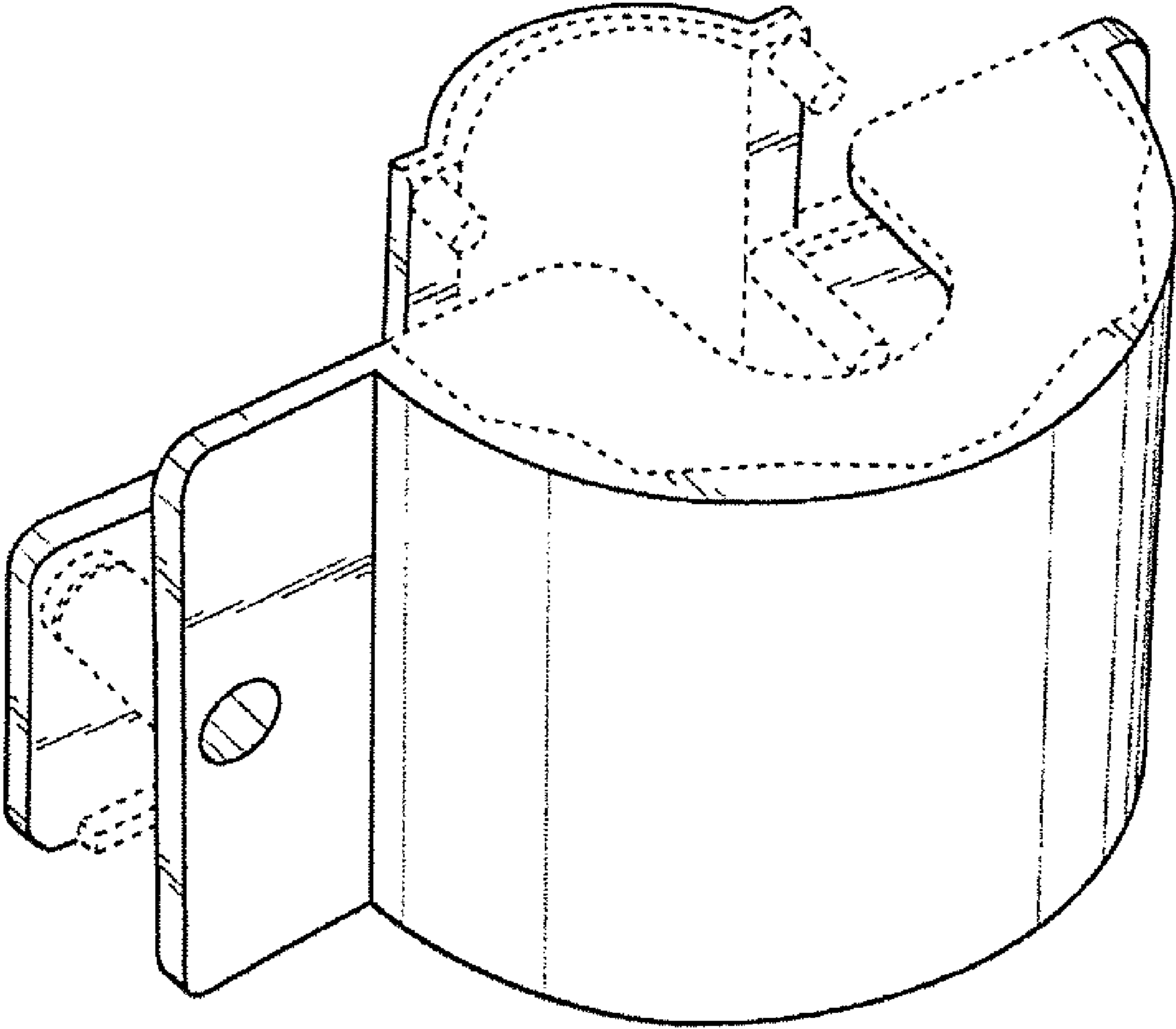
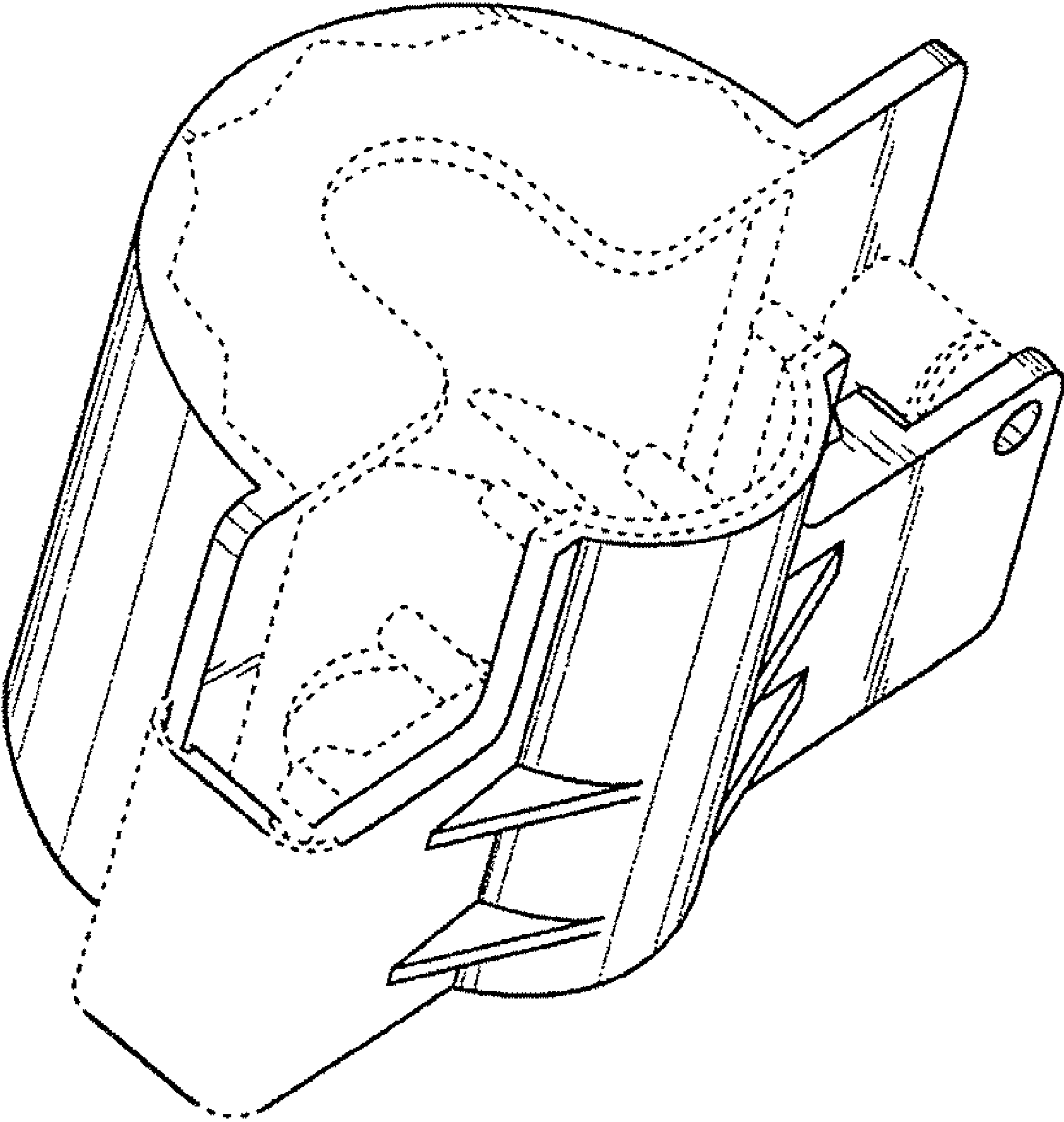


Fig. 1



**Fig. 2**



**Fig. 3**

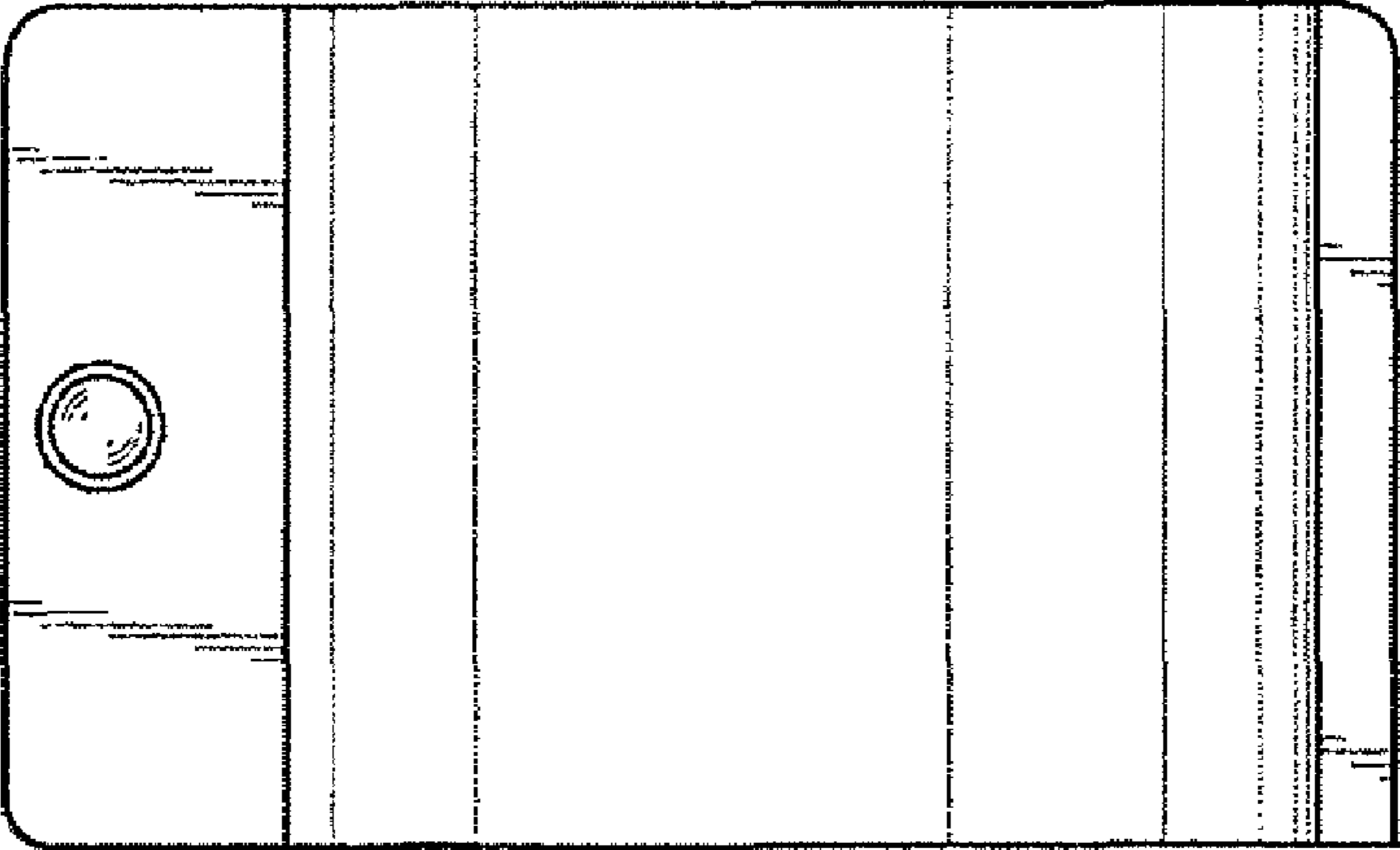


Fig. 4

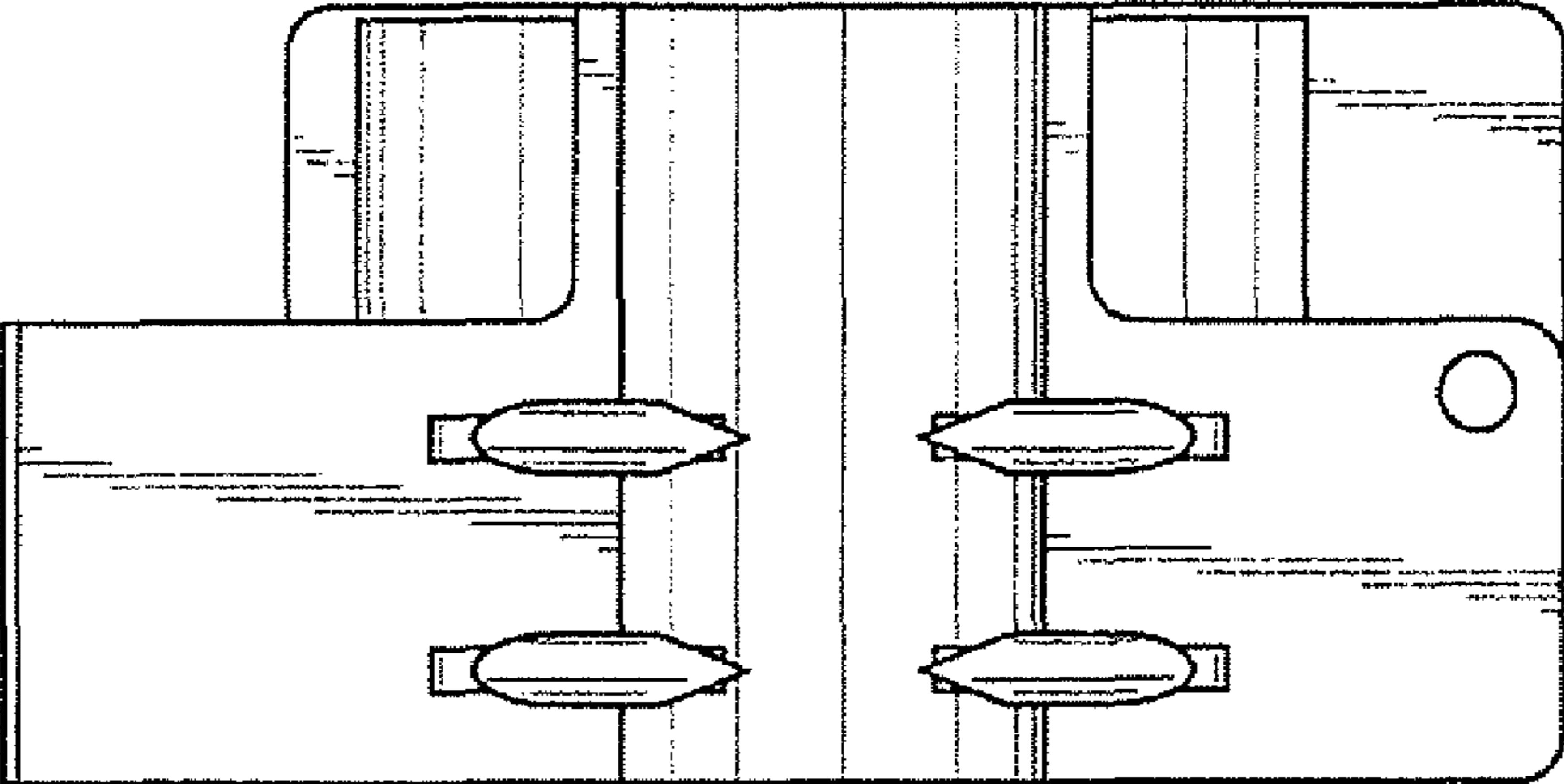


Fig. 5

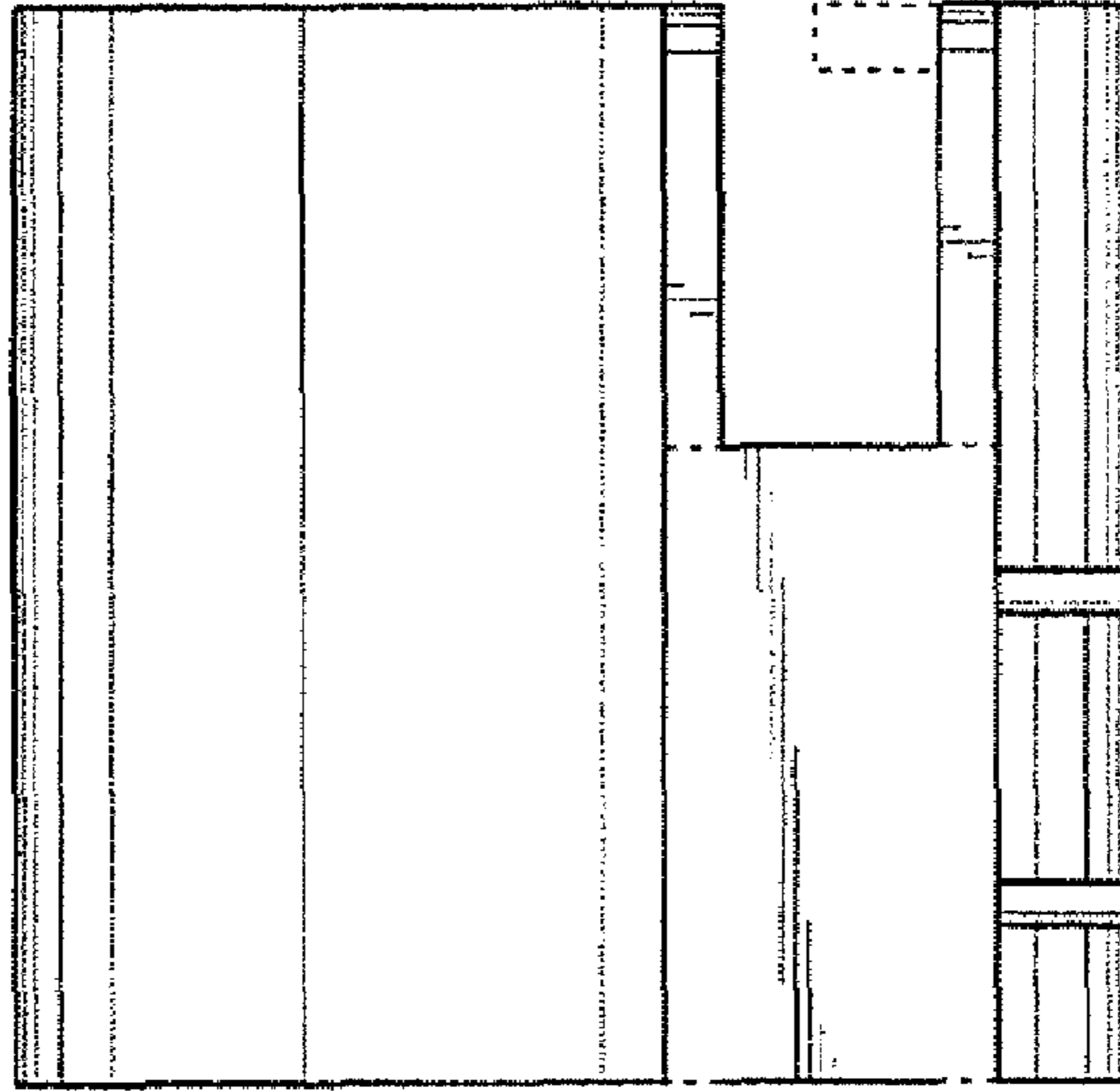


Fig. 6

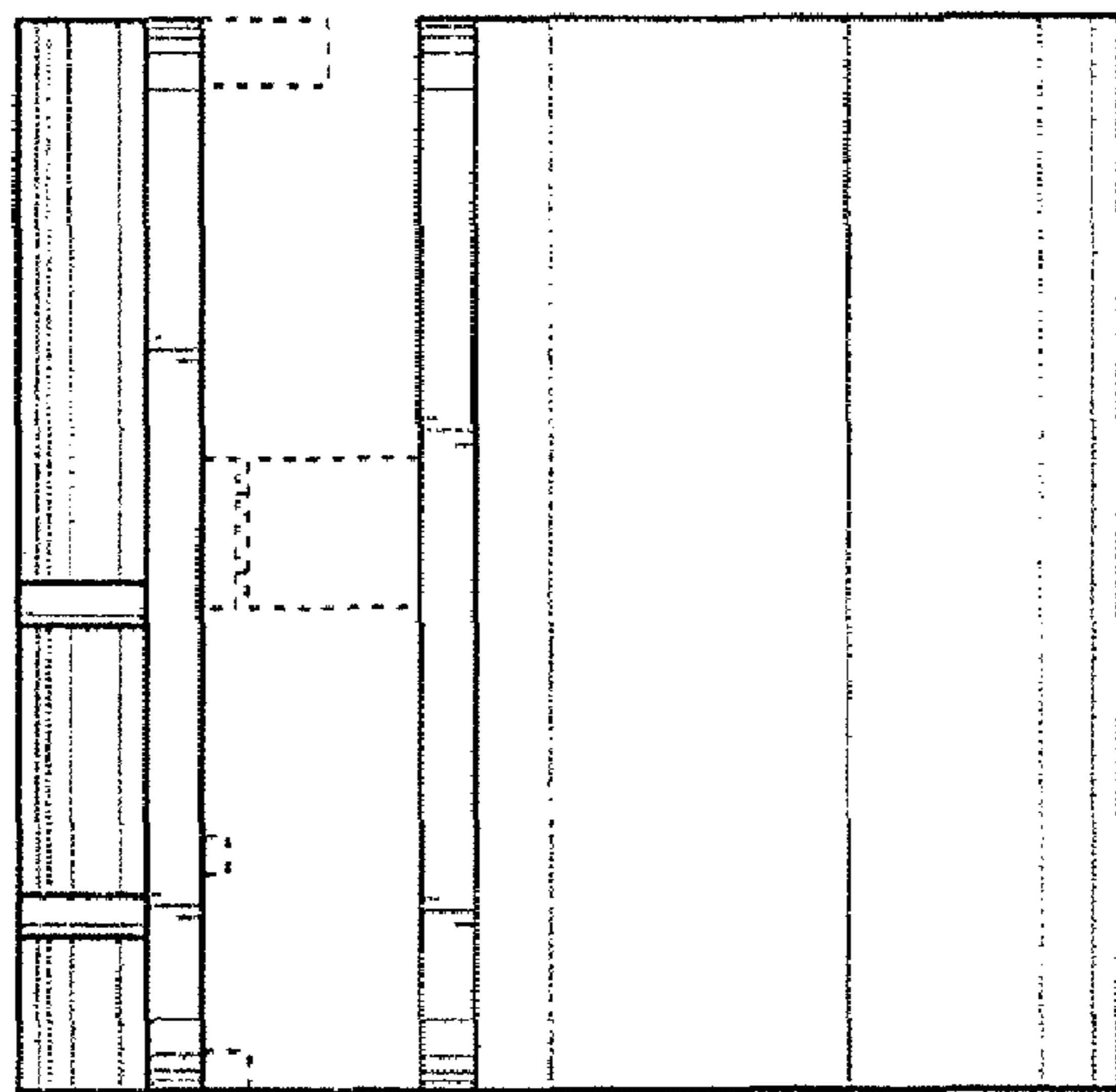
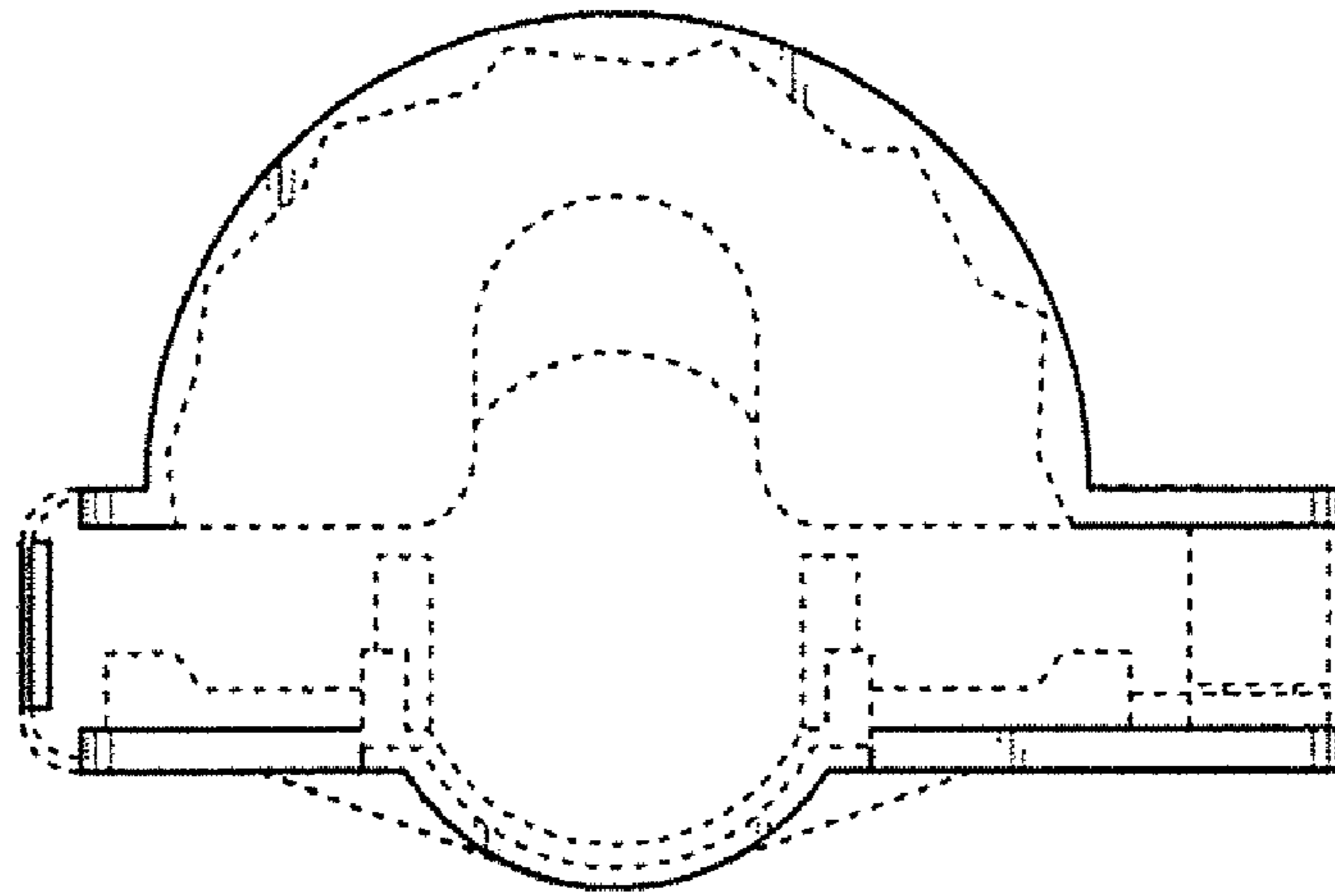
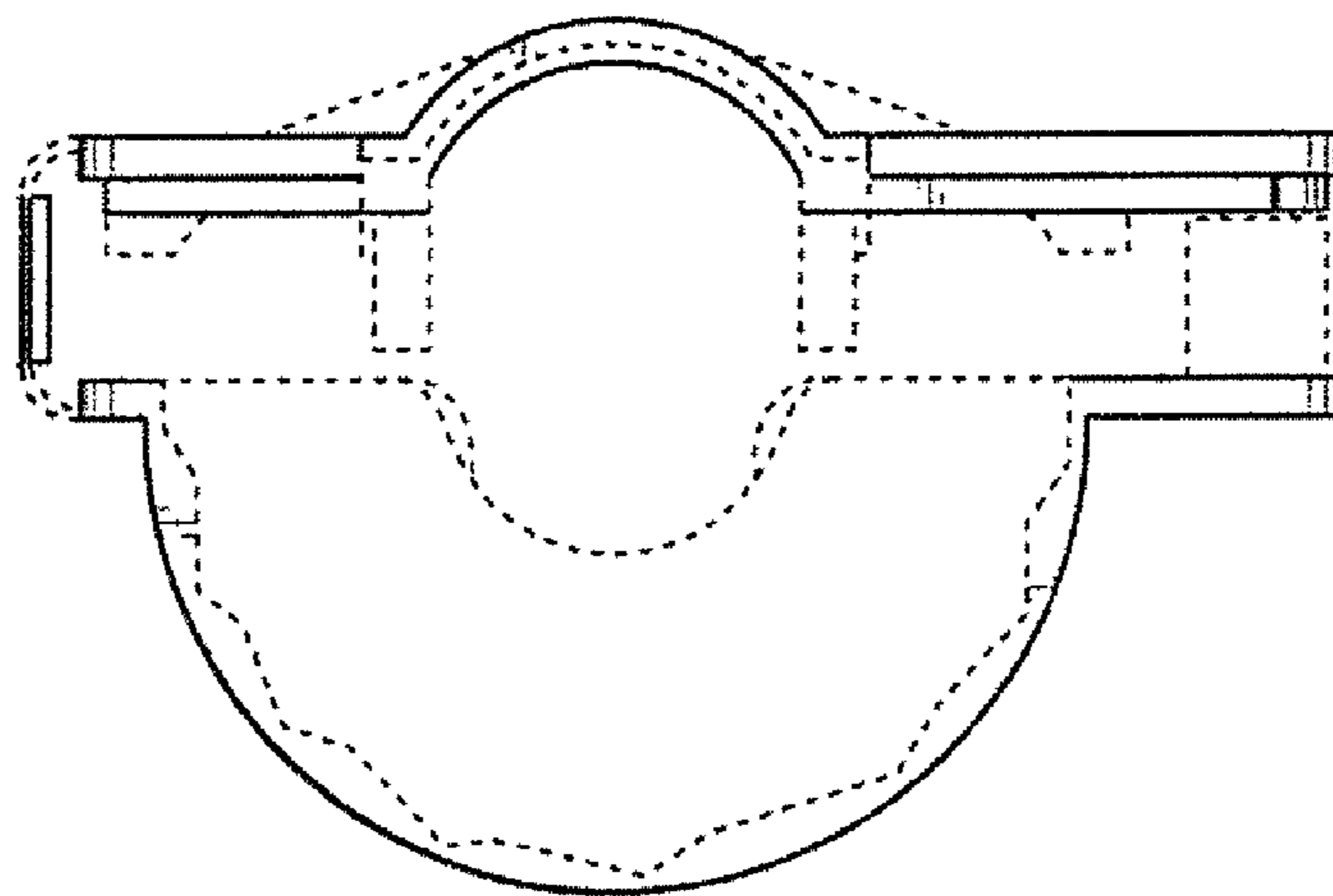


Fig. 7



**Fig. 8**



**Fig. 9**



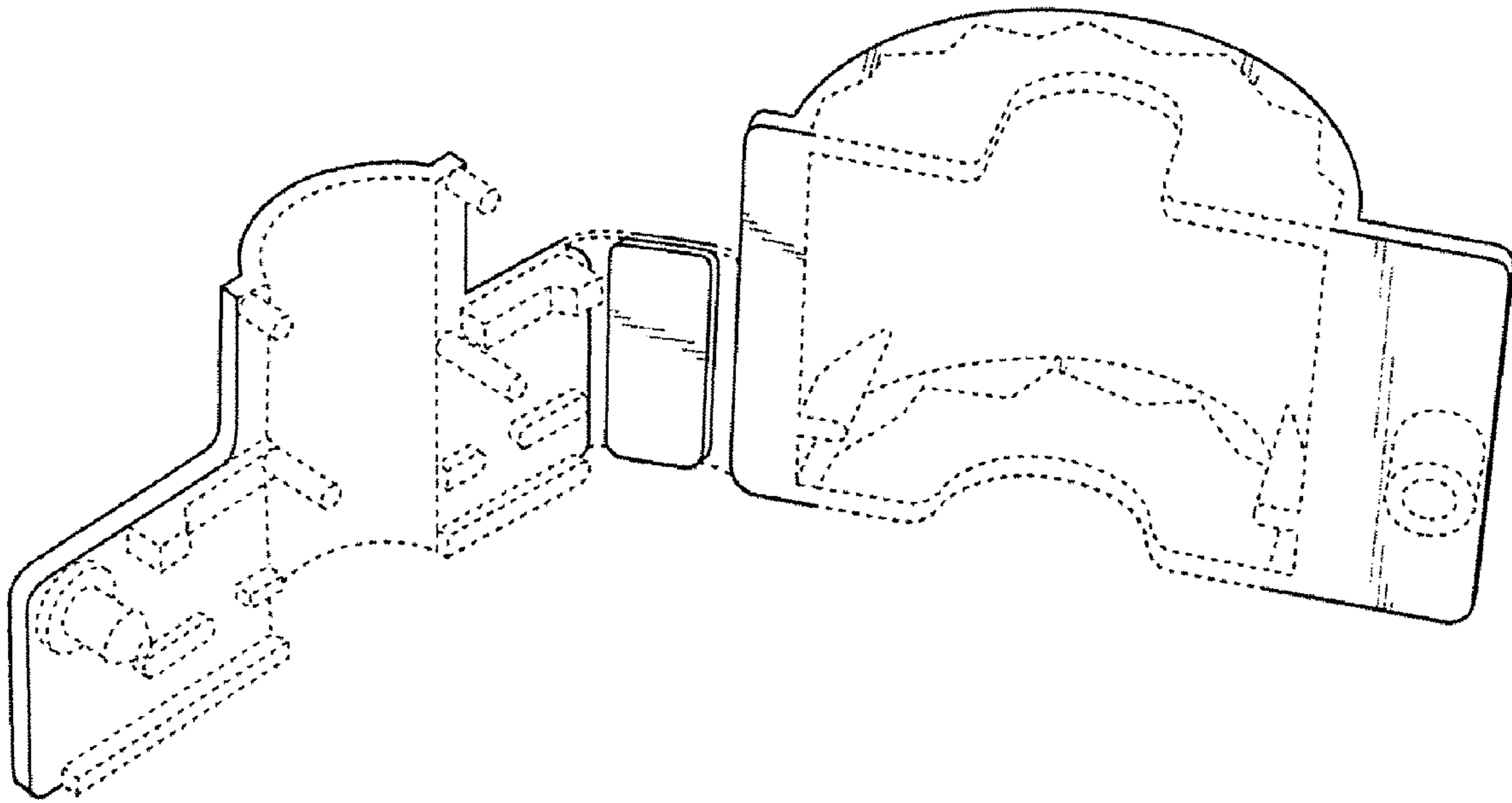


Fig. 10