



US00D490822S

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

(10) **Patent No.:** **US D490,822 S**

(45) **Date of Patent:** **** Jun. 1, 2004**

(54) **HOUSING FOR A GAS GENERATOR FOR A VEHICLE AIRBAG DEVICE**

| | | |
|----|-----------|---------|
| JP | 05-116584 | 5/1993 |
| JP | 05-116585 | 5/1993 |
| JP | 05-201302 | 8/1993 |
| JP | 05-294204 | 11/1993 |
| JP | 09-058397 | 3/1997 |

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Takayoshi Dosai, Himeji (JP); **Tetsuo Saito**, Himeji (JP)

* cited by examiner

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(74) *Attorney, Agent, or Firm*—Oblon, Spivak, McClelland, Maier & Neustadt, P.C.

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

(57) **CLAIM**

(21) Appl. No.: **29/178,306**

The ornamental design for a housing for a gas generator for a vehicle airbag device, as shown and described.

(22) Filed: **Mar. 26, 2003**

(30) **Foreign Application Priority Data**

DESCRIPTION

| | | | |
|--------------|------|-------|-------------|
| Oct. 1, 2002 | (JP) | | 2002-026945 |
| Oct. 1, 2002 | (JP) | | 2002-026972 |
| Oct. 1, 2002 | (JP) | | 2002-026973 |
| Oct. 1, 2002 | (JP) | | 2002-026974 |

FIG. 1 is a front elevational view of a housing for a gas generator for a vehicle airbag device showing our design, the rear elevational view being a mirror image of the front view shown;

(51) **LOC (7) Cl.** **15-02**

FIG. 2 is a right side elevational view thereof, the left side elevational view being a mirror image of the side view shown;

(52) **U.S. Cl.** **D15/9**

FIG. 3 is a top plan view thereof;

(58) **Field of Search** D15/7-9; D23/231, D23/232; 417/410.4, 359, 415, 410.3, 234, 229, 321, 265, 405; 280/731, 736

FIG. 4 is a bottom plan view thereof;

FIG. 5 is a front elevational view of a second embodiment, the rear elevational view being a mirror image of the front view shown;

(56) **References Cited**

U.S. PATENT DOCUMENTS

FIG. 6 is a right side elevational view of FIG. 5, the left side elevational view being a mirror image of the side view shown;

| | | | | | | |
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| 3,934,984 | A | * | 1/1976 | Marlow et al. | | 422/166 |
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| 4,923,212 | A | | 5/1990 | Cuevas | | |
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| 6,540,256 | B2 | * | 4/2003 | Iwai et al. | | 280/736 |

FIG. 7 is a top plan view of FIG. 5;

FIG. 8 is a bottom plan view of FIG. 5;

FIG. 9 is a front elevational view of a third embodiment, the rear elevational view thereof being a mirror image of the front view shown;

FIG. 10 is a right side elevational view of FIG. 9, the left side elevational view being a mirror image of the side view shown;

FIG. 11 is a top plan view of FIG. 9;

FIG. 12 is a bottom plan view of FIG. 9;

FIG. 13 is a front elevational view of a fourth embodiment, the rear elevational view being a mirror image of the front view shown;

FOREIGN PATENT DOCUMENTS

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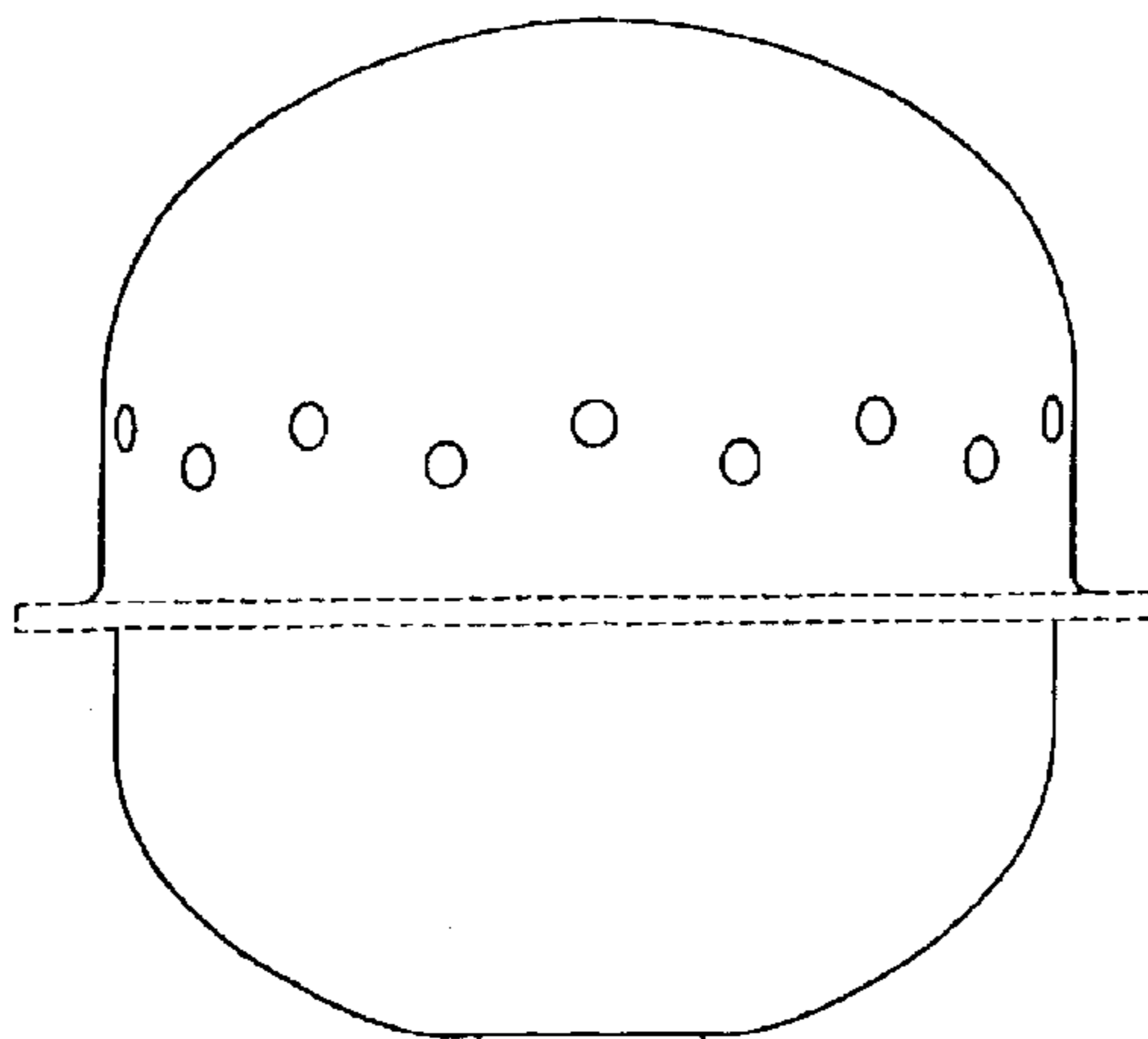


FIG. 14 is a right side elevational view of FIG. 13, the left side elevational view being a mirror image of the side view shown;

FIG. 15 is a top plan view of FIG. 13;

FIG. 16 is a bottom plan view of FIG. 13;

FIG. 17 is a front elevational view of a fifth embodiment thereof, the rear elevational view being a mirror image of the front view shown;

FIG. 18 is a right side elevational view of FIG. 17, the left side elevational view being a mirror image of the side view shown;

FIG. 19 is a top plan view of FIG. 17;

FIG. 20 is a bottom plan view of FIG. 17;

FIG. 21 is a front elevational view of a sixth embodiment thereof the rear elevational view being a mirror image of the front view shown;

FIG. 22 is a right side elevational view of FIG. 21, the left side elevational view being a mirror image of the side view shown;

FIG. 23 is a top plan view of FIG. 21;

FIG. 24 is a bottom plan view of FIG. 21;

FIG. 25 is a front elevational view of a seventh embodiment thereof the rear elevational view being a mirror image of the front view shown;

FIG. 26 is a right side elevational view of FIG. 25, the left side elevational view being a mirror image of the side view shown;

FIG. 27 is a top plan view of FIG. 25;

FIG. 28 is a bottom plan view of FIG. 25;

FIG. 29 is a front elevational view of an eighth embodiment thereof, the rear elevational view being a mirror image of the front view shown;

FIG. 30 is a right side elevational view of FIG. 29, the left side elevational view being a mirror image of the side view shown;

FIG. 31 is a top plan view of FIG. 29; and,

FIG. 32 is a bottom plan view of FIG. 29.

The broken line showing in the figures is for illustrative purposes only and forms no part of the claimed design.

1 Claim, 16 Drawing Sheets

FIG. 1

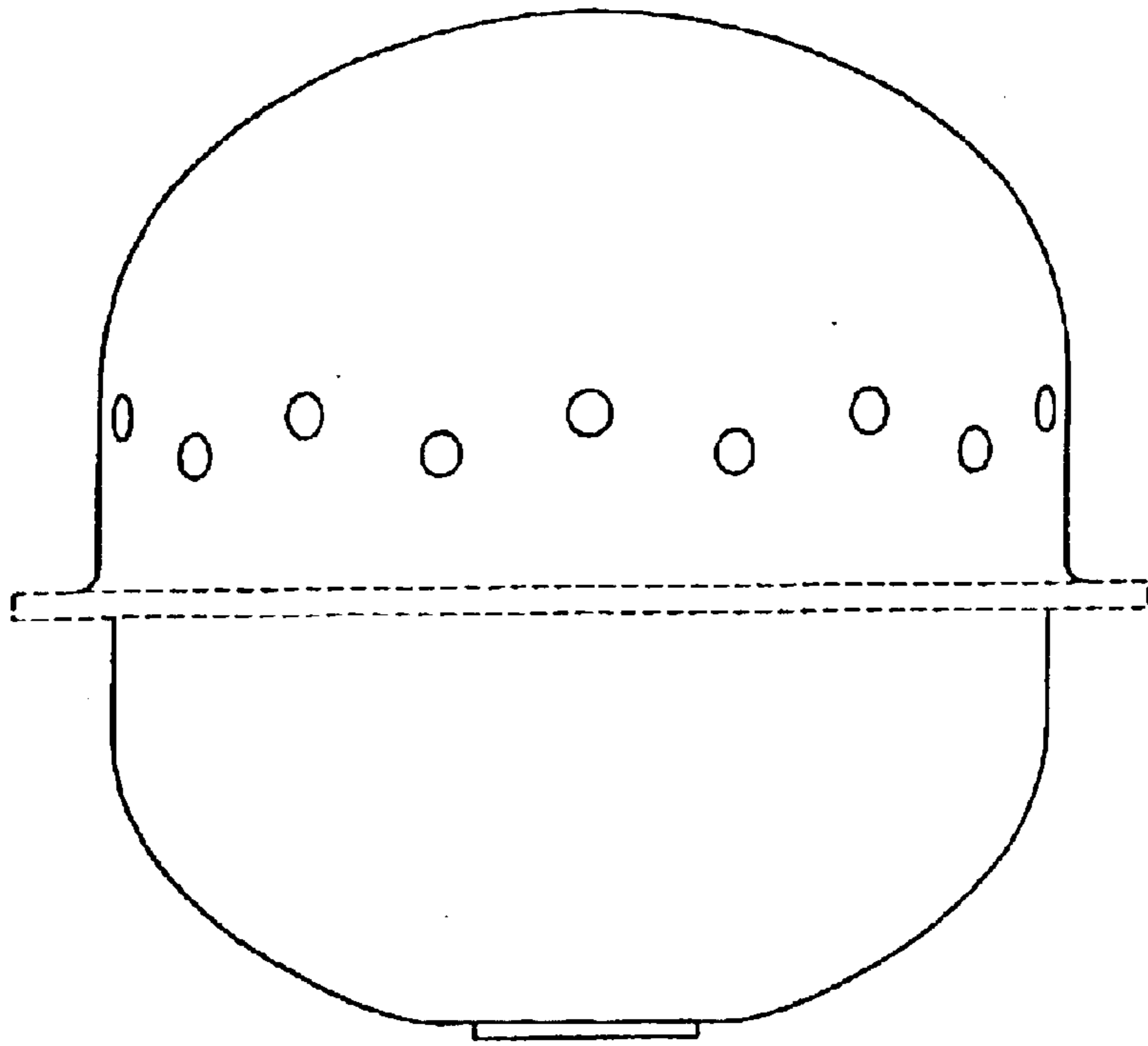


FIG. 2

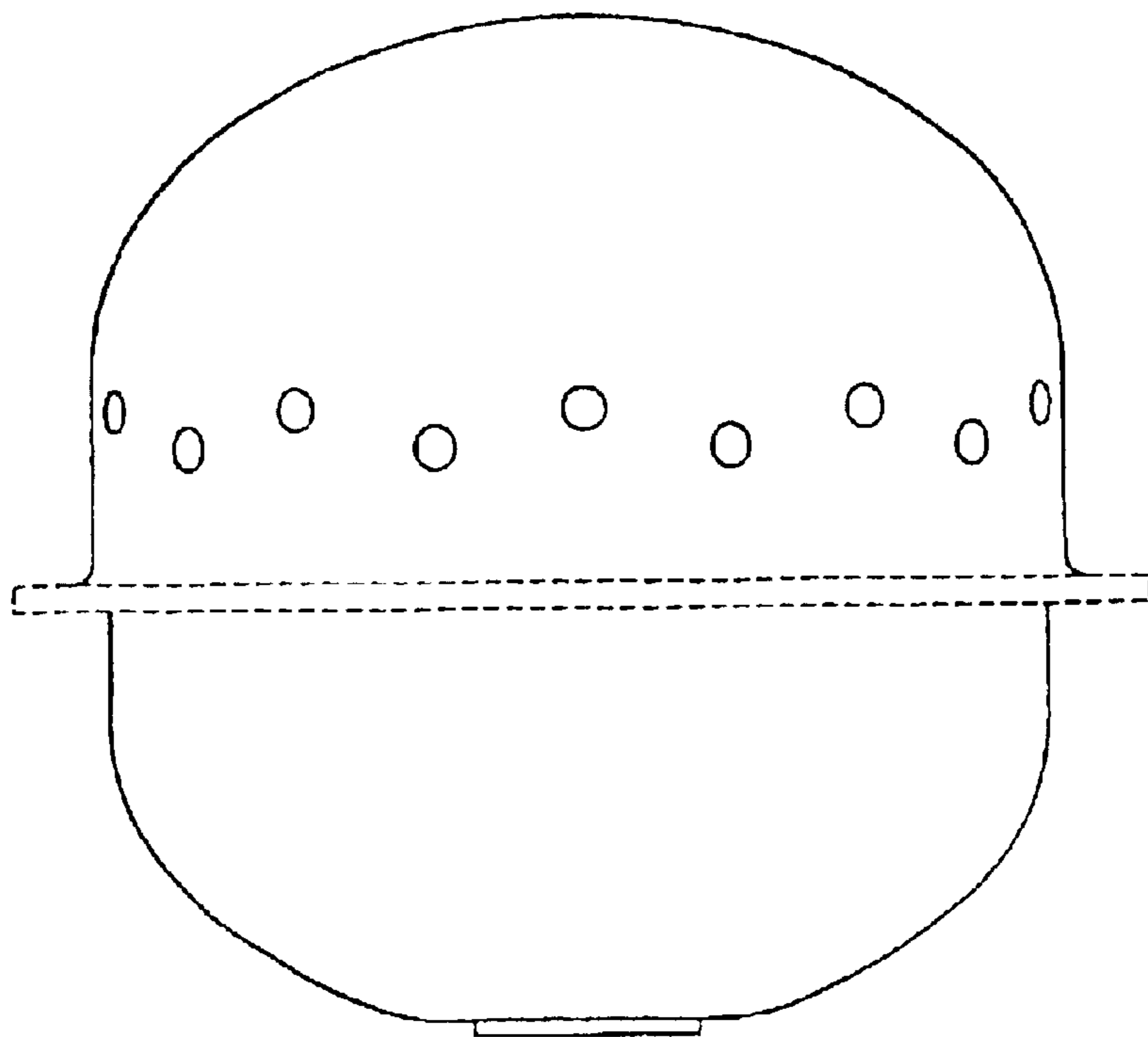


FIG. 3

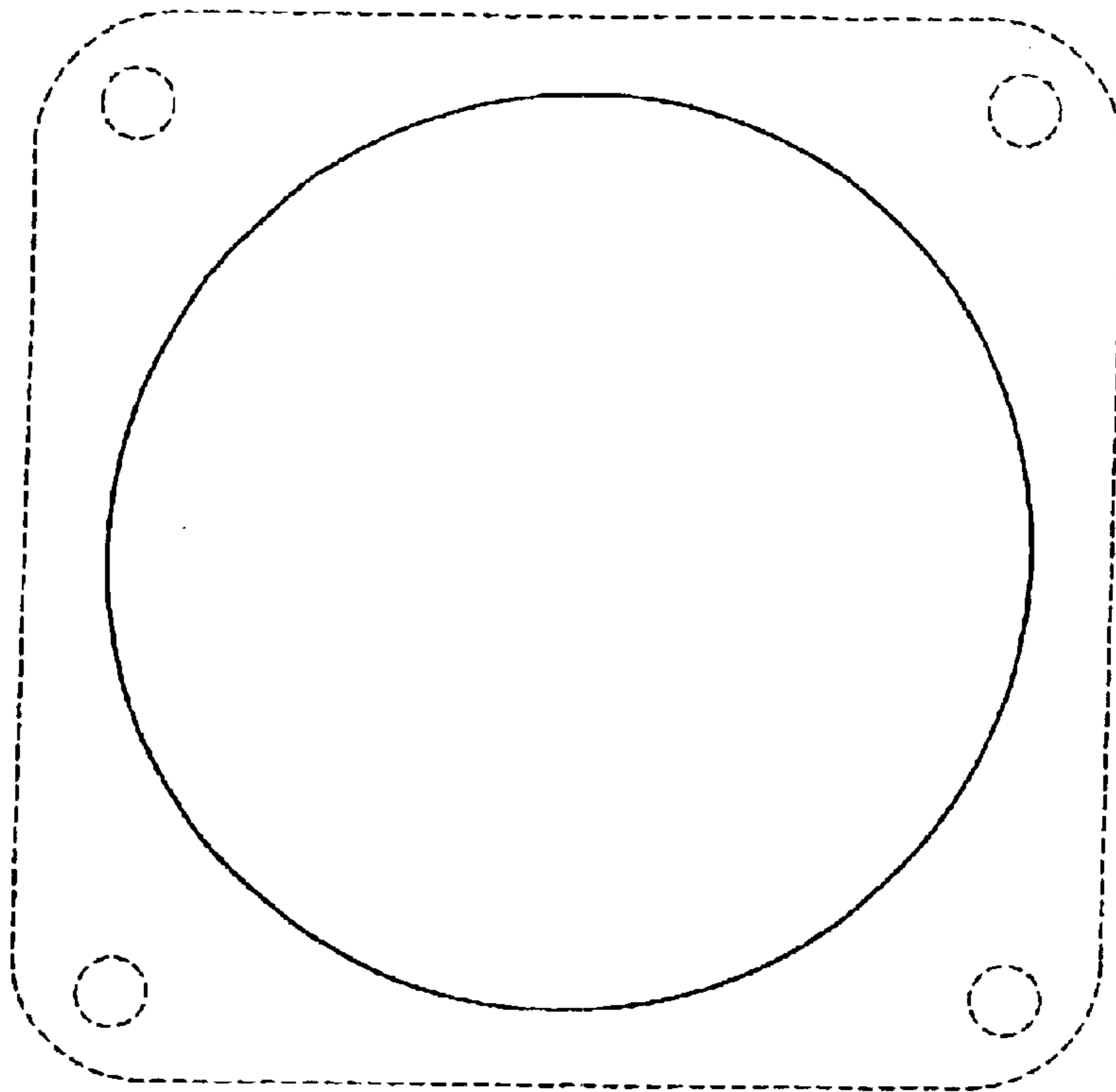


FIG. 4

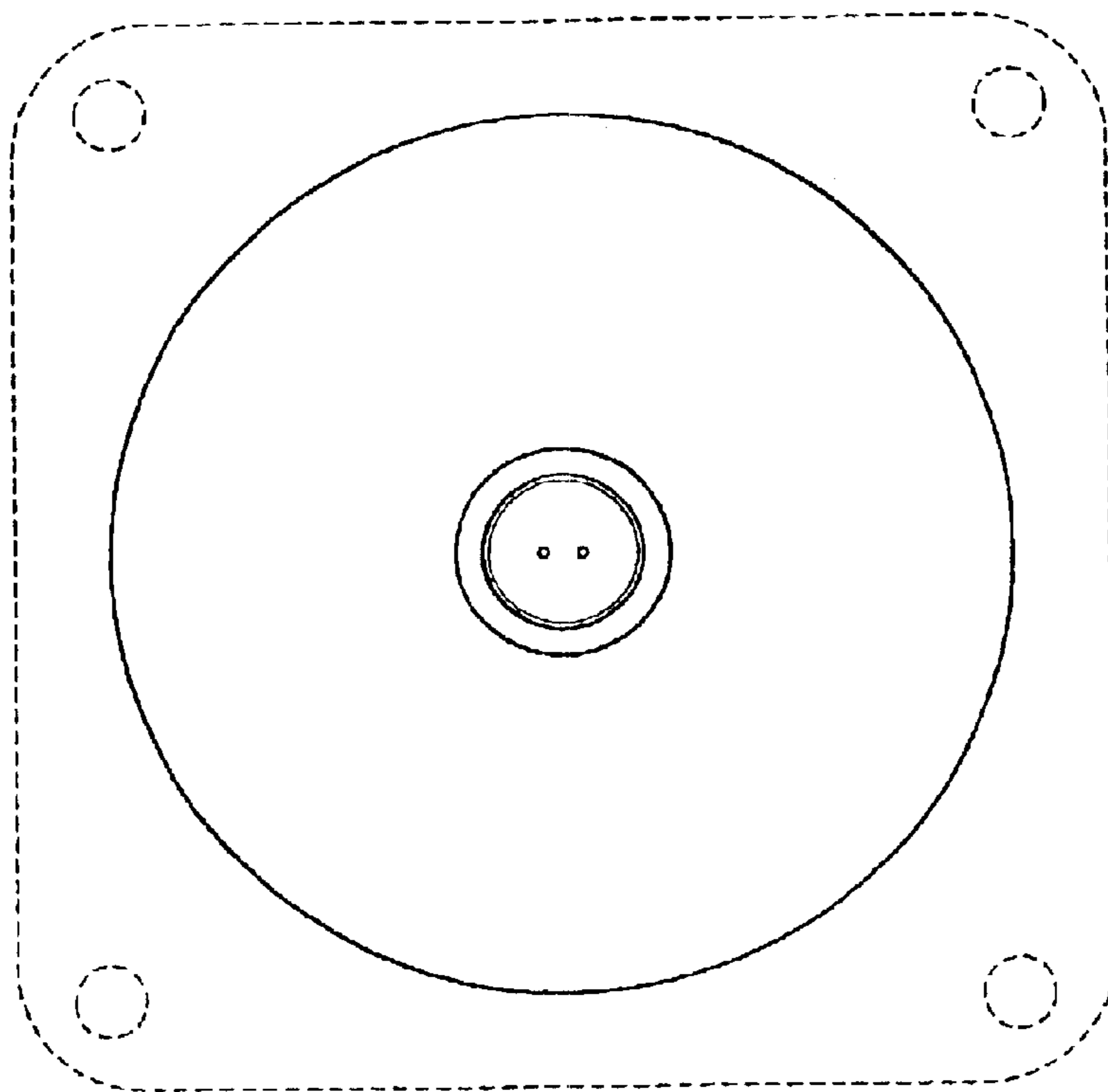


FIG. 5

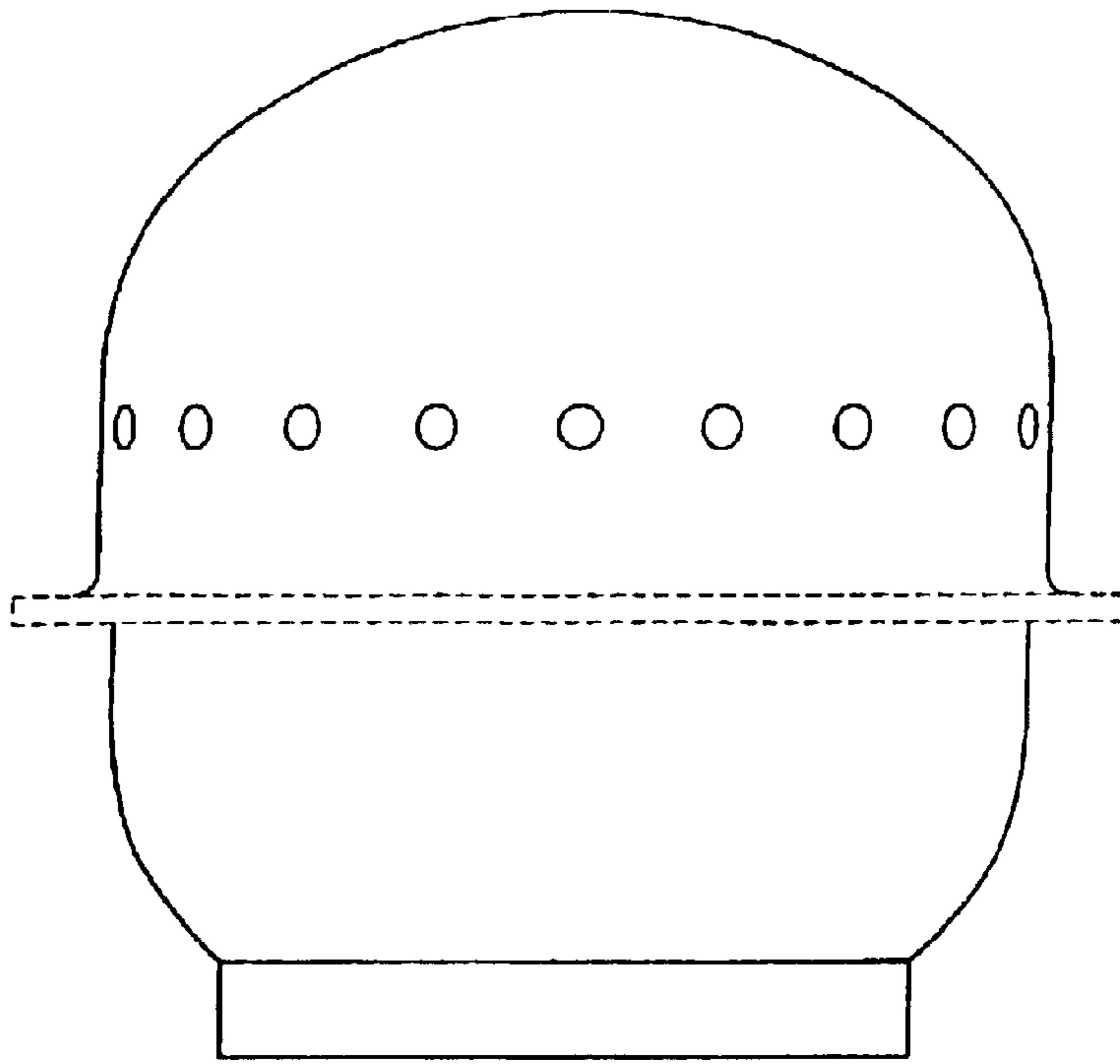


FIG. 6

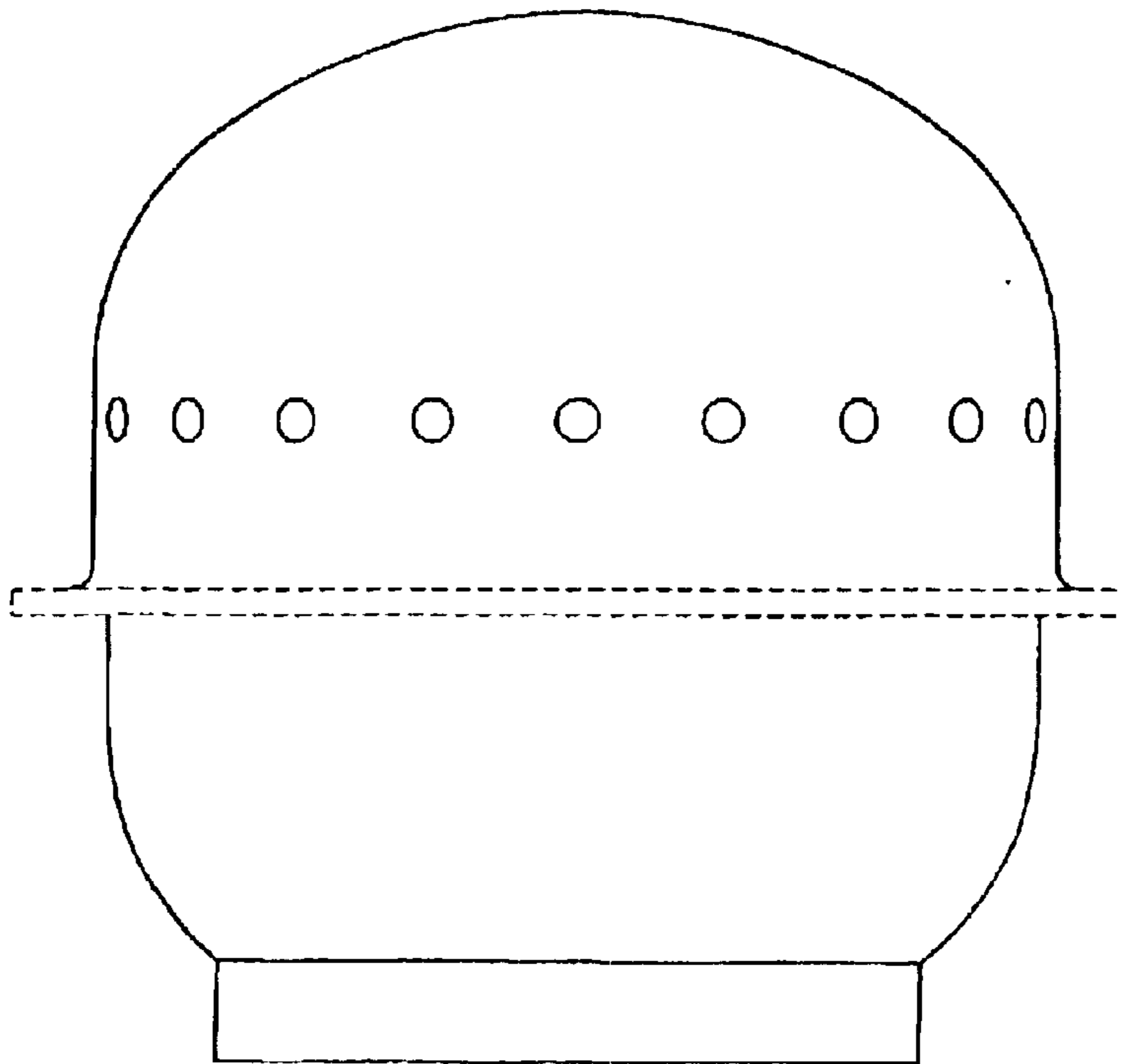


FIG. 7

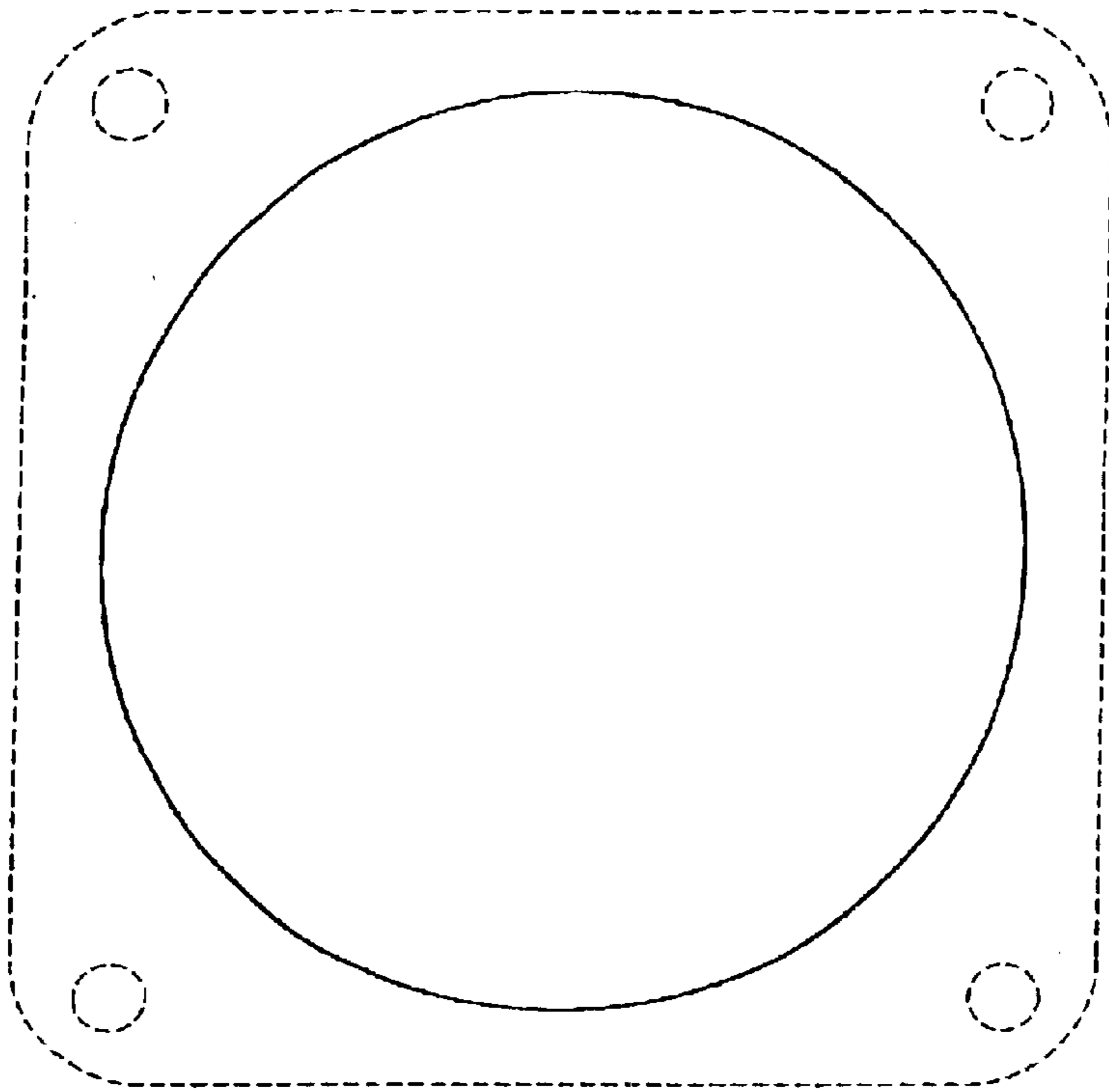


FIG. 8

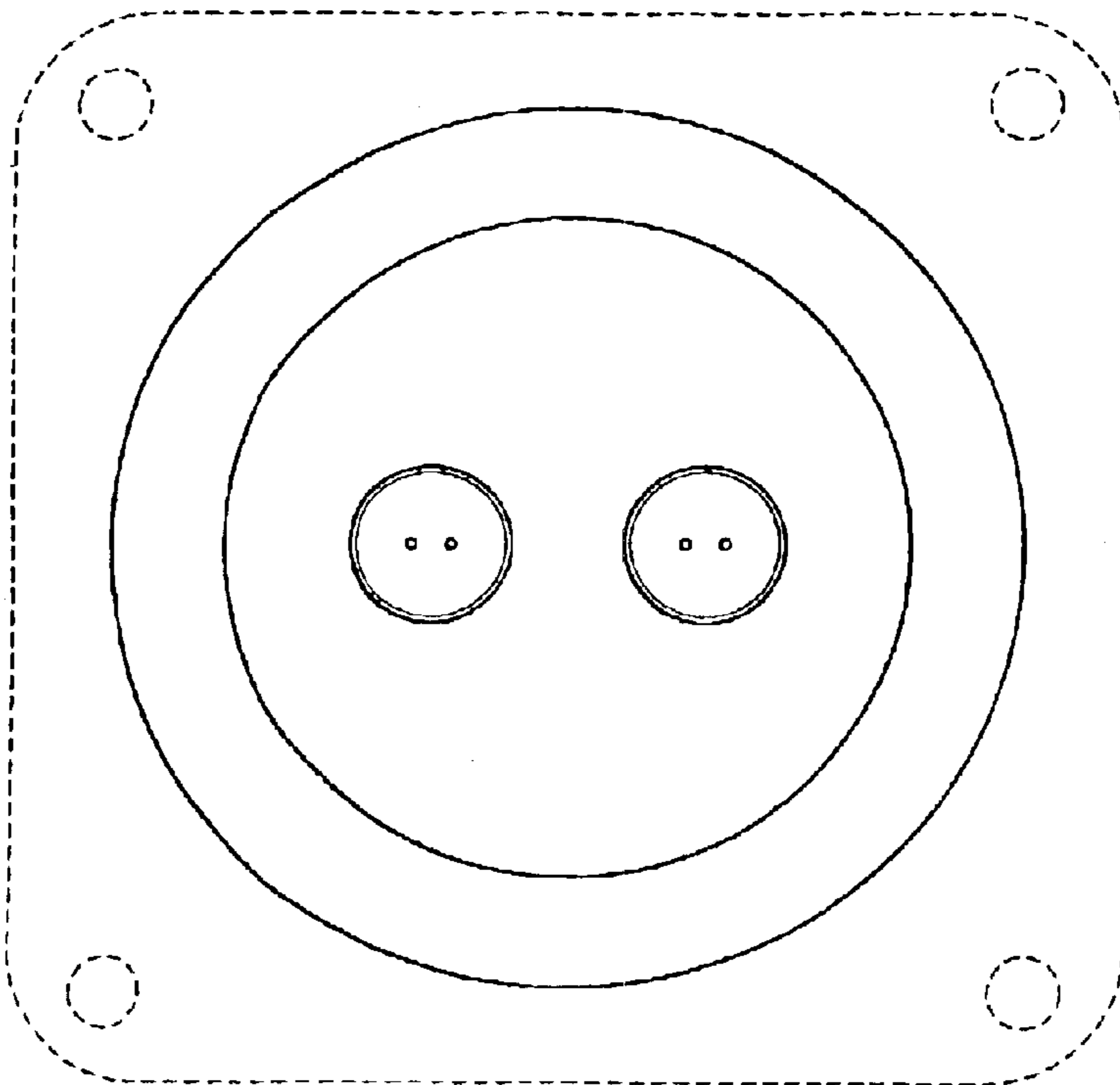


FIG. 9

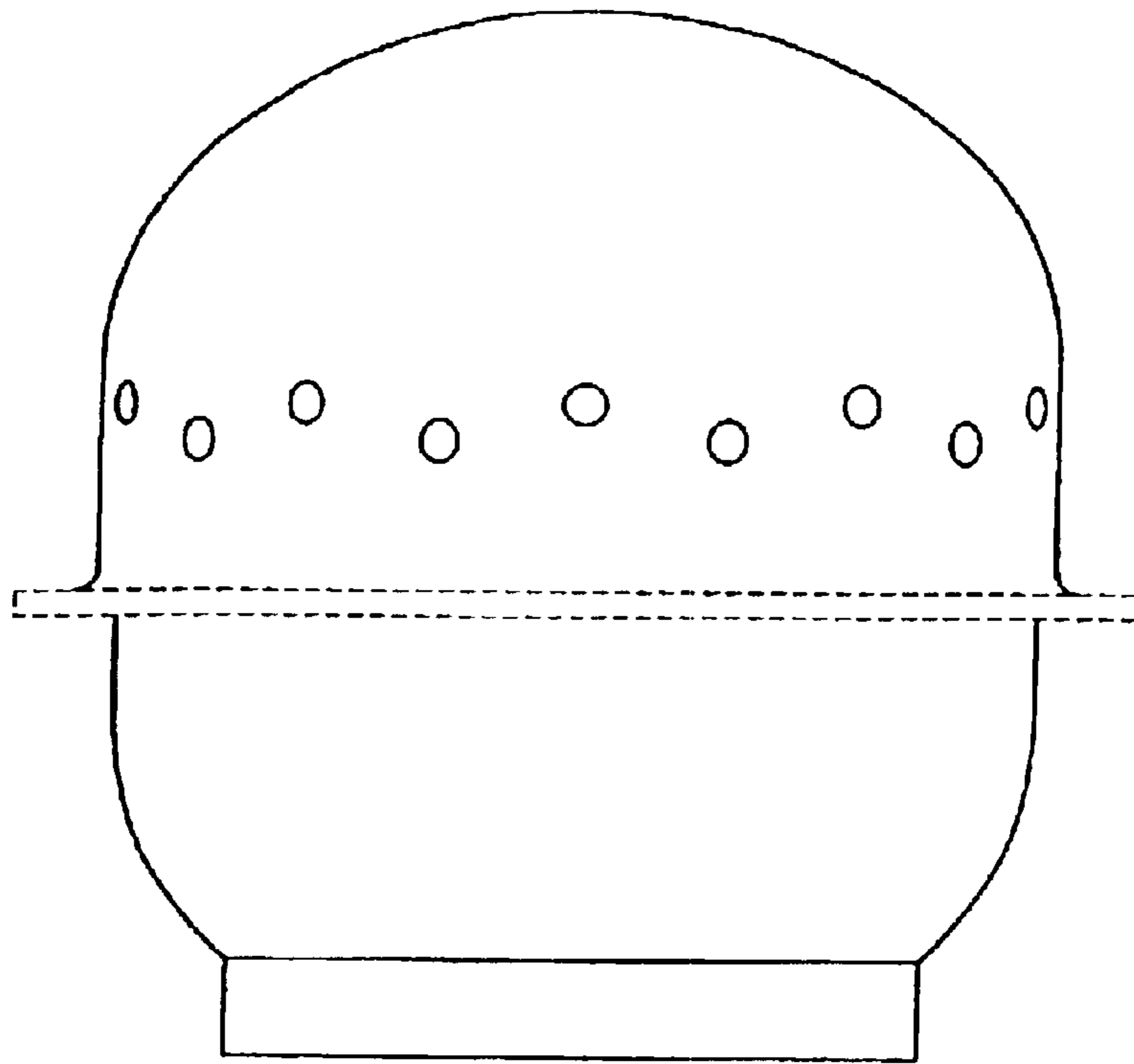


FIG. 10

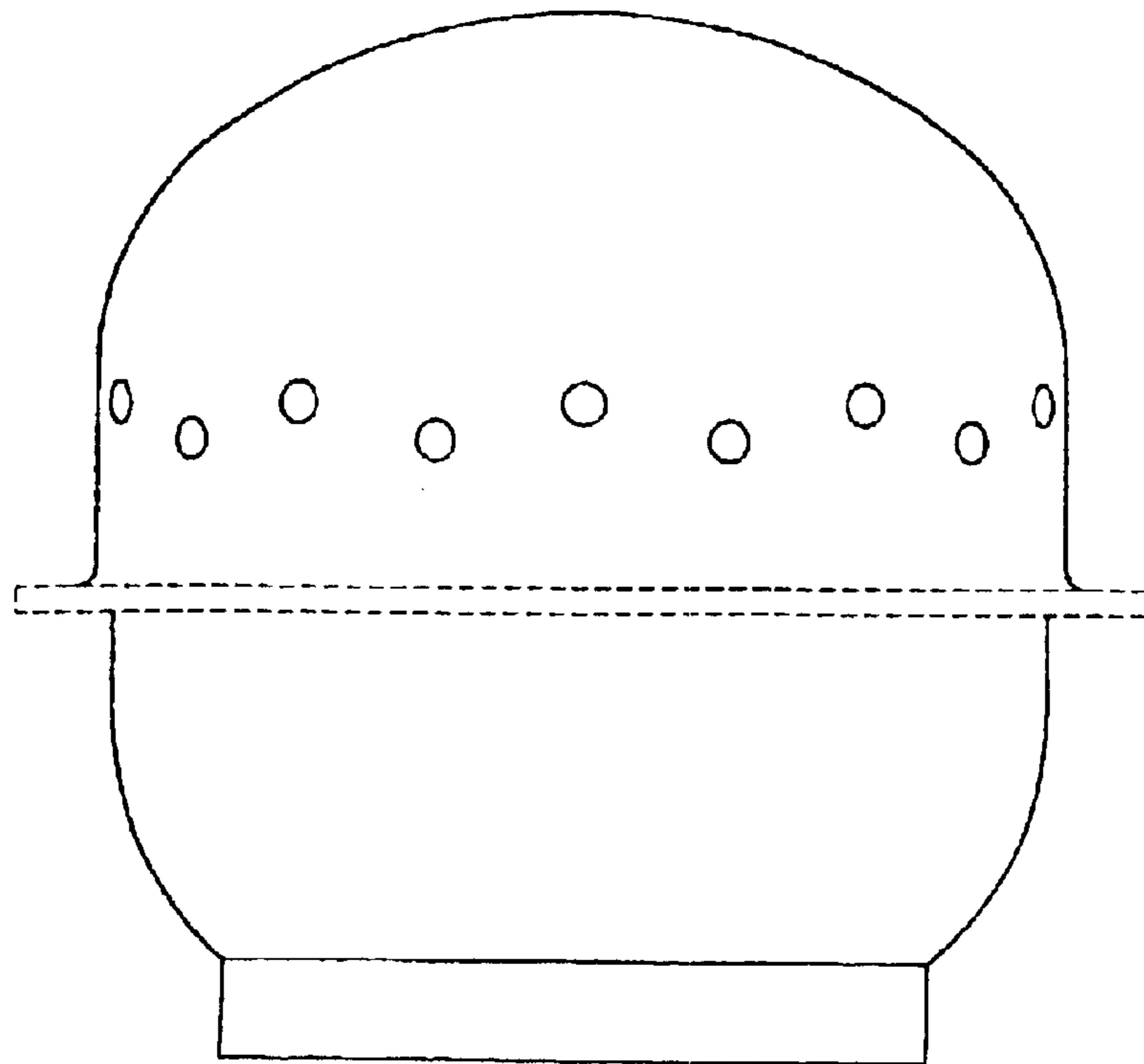


FIG. 11

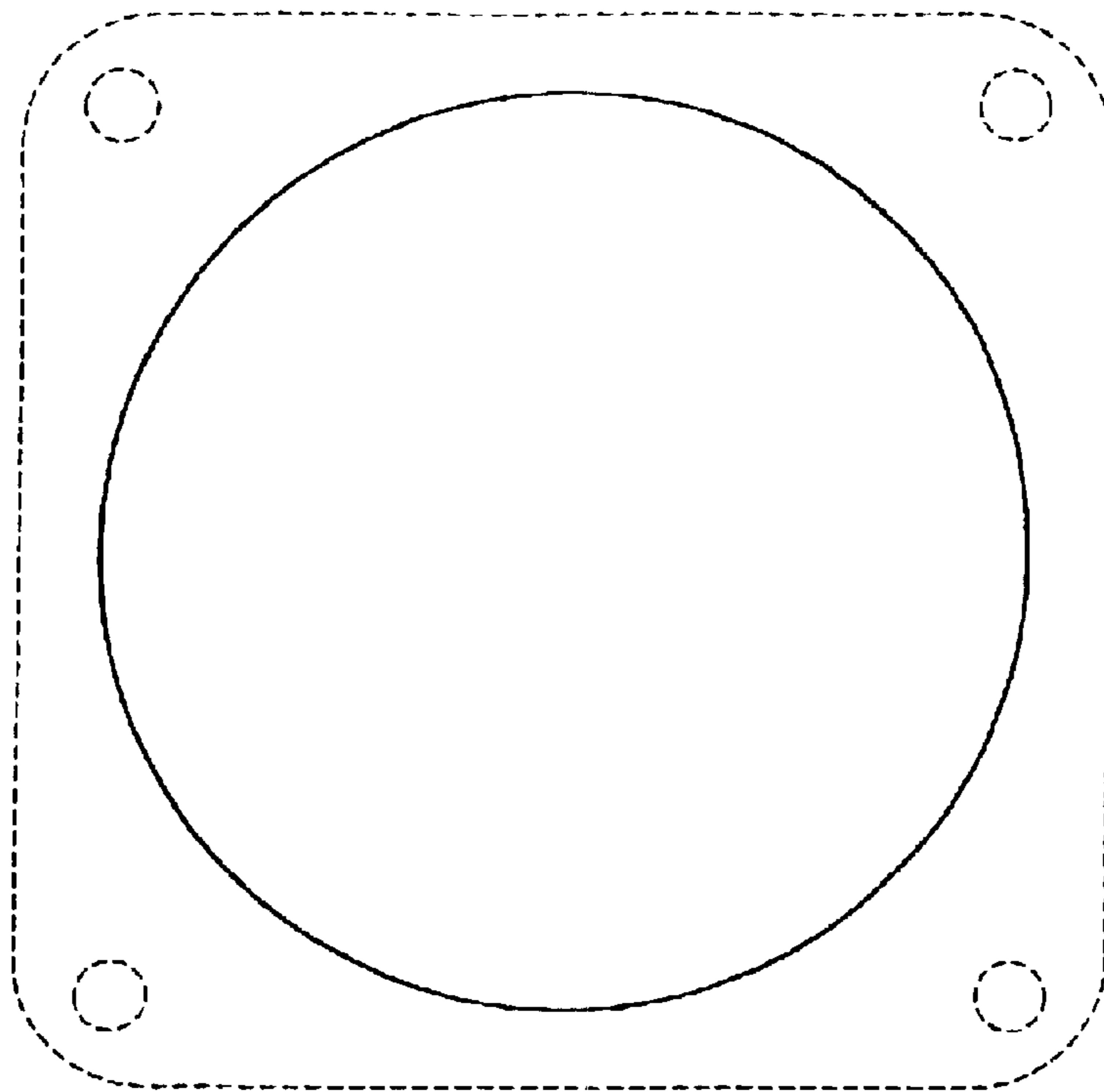


FIG. 12

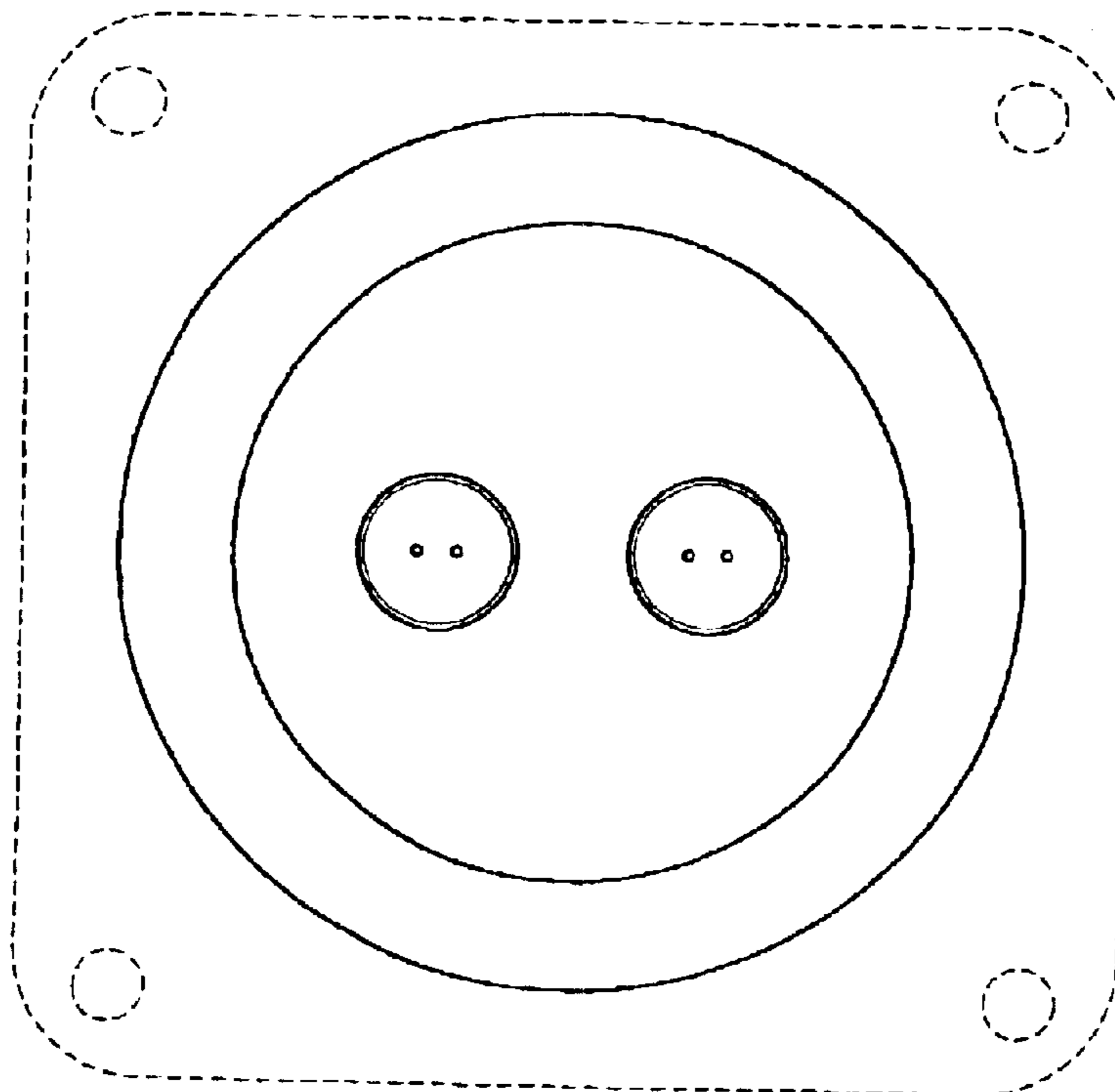


FIG. 13

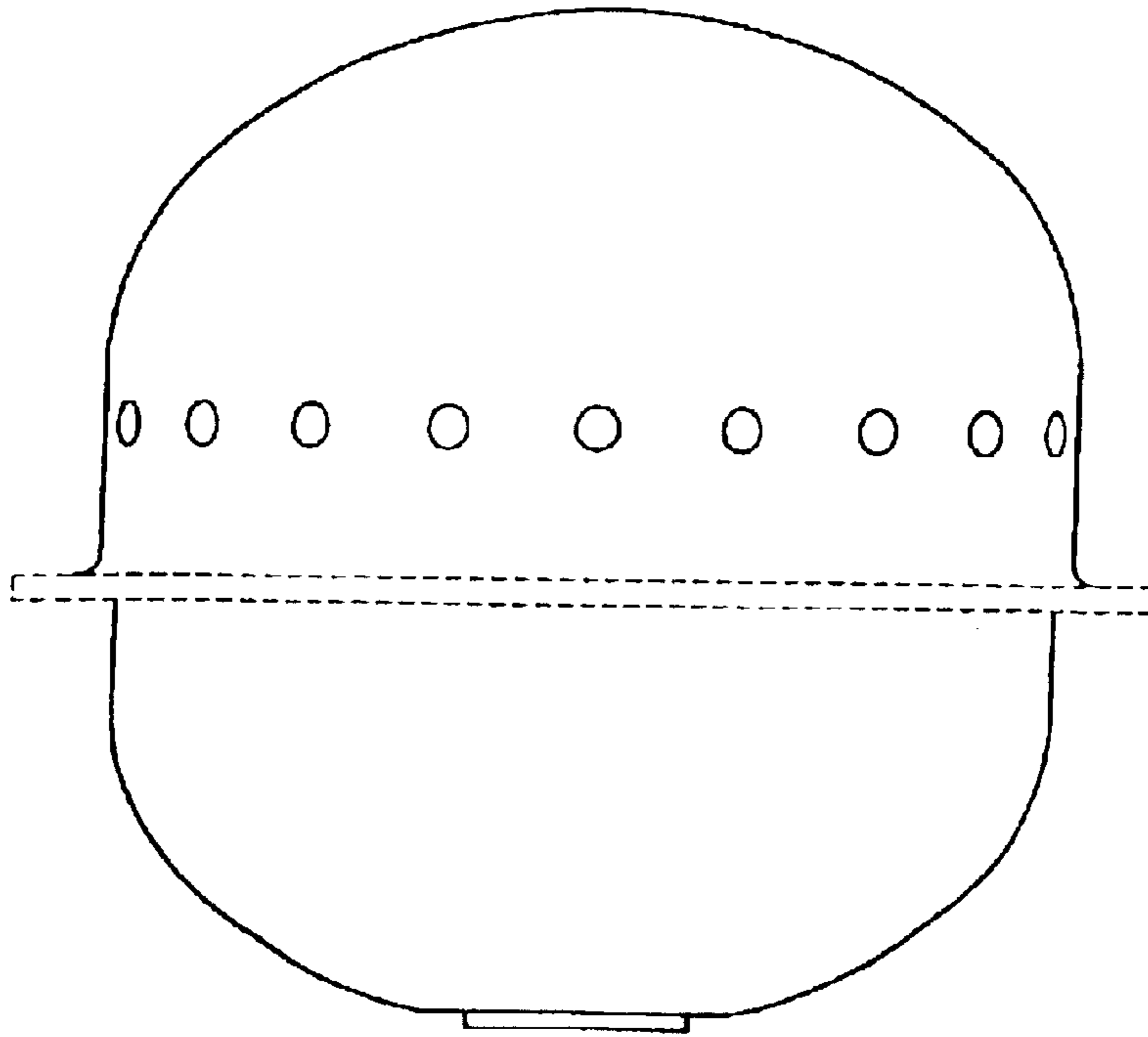


FIG. 14

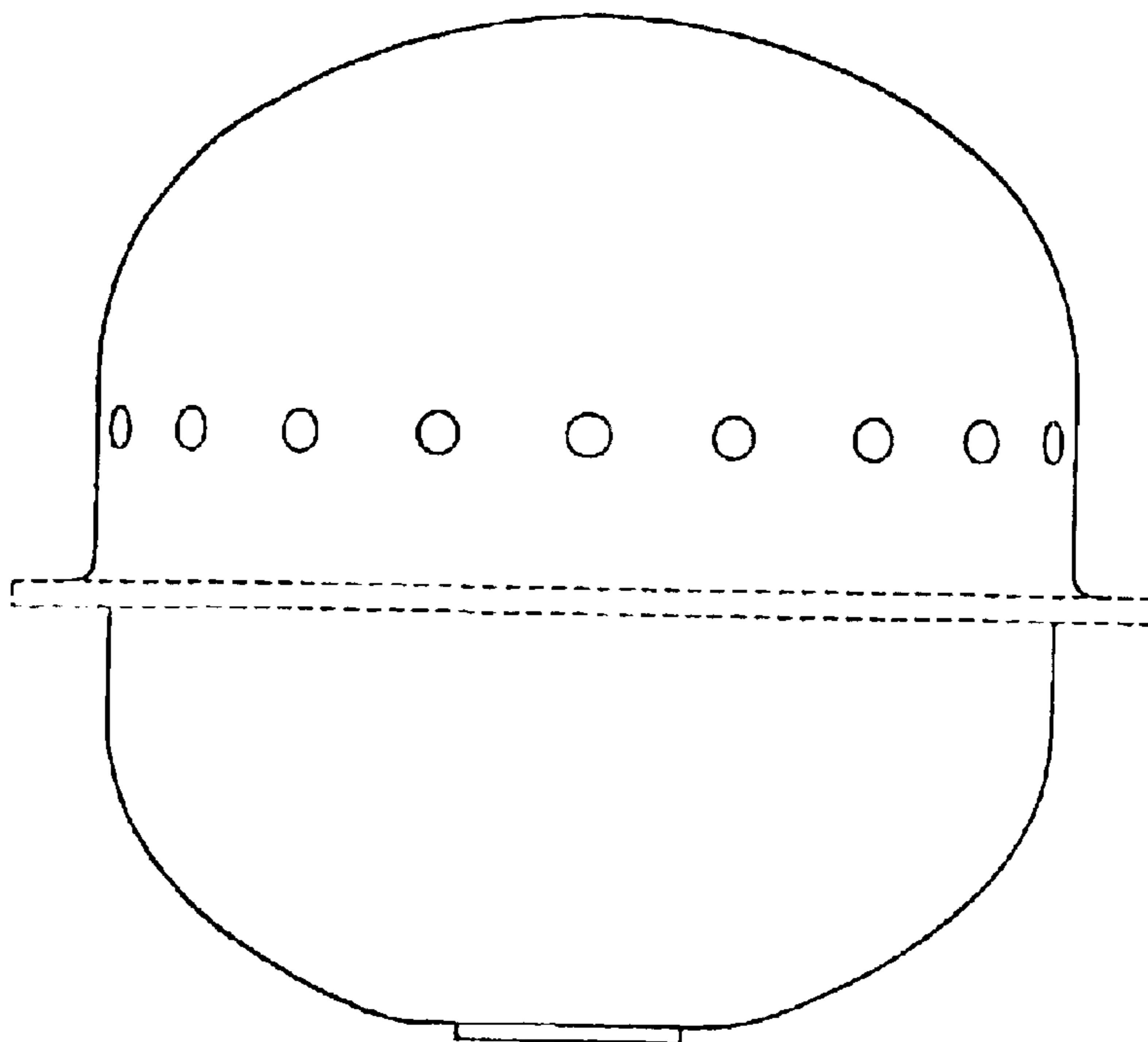


FIG. 15

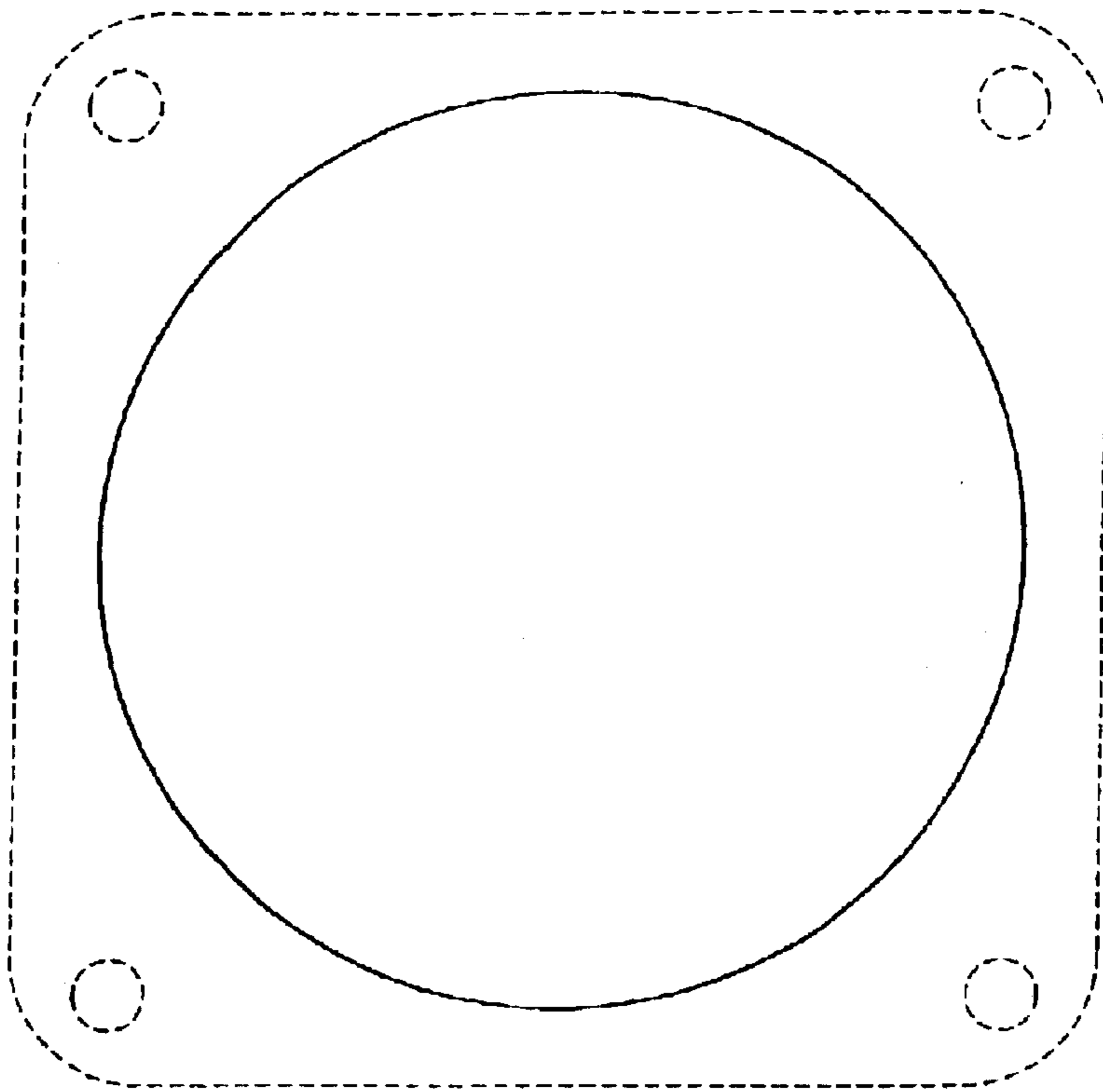


FIG. 16

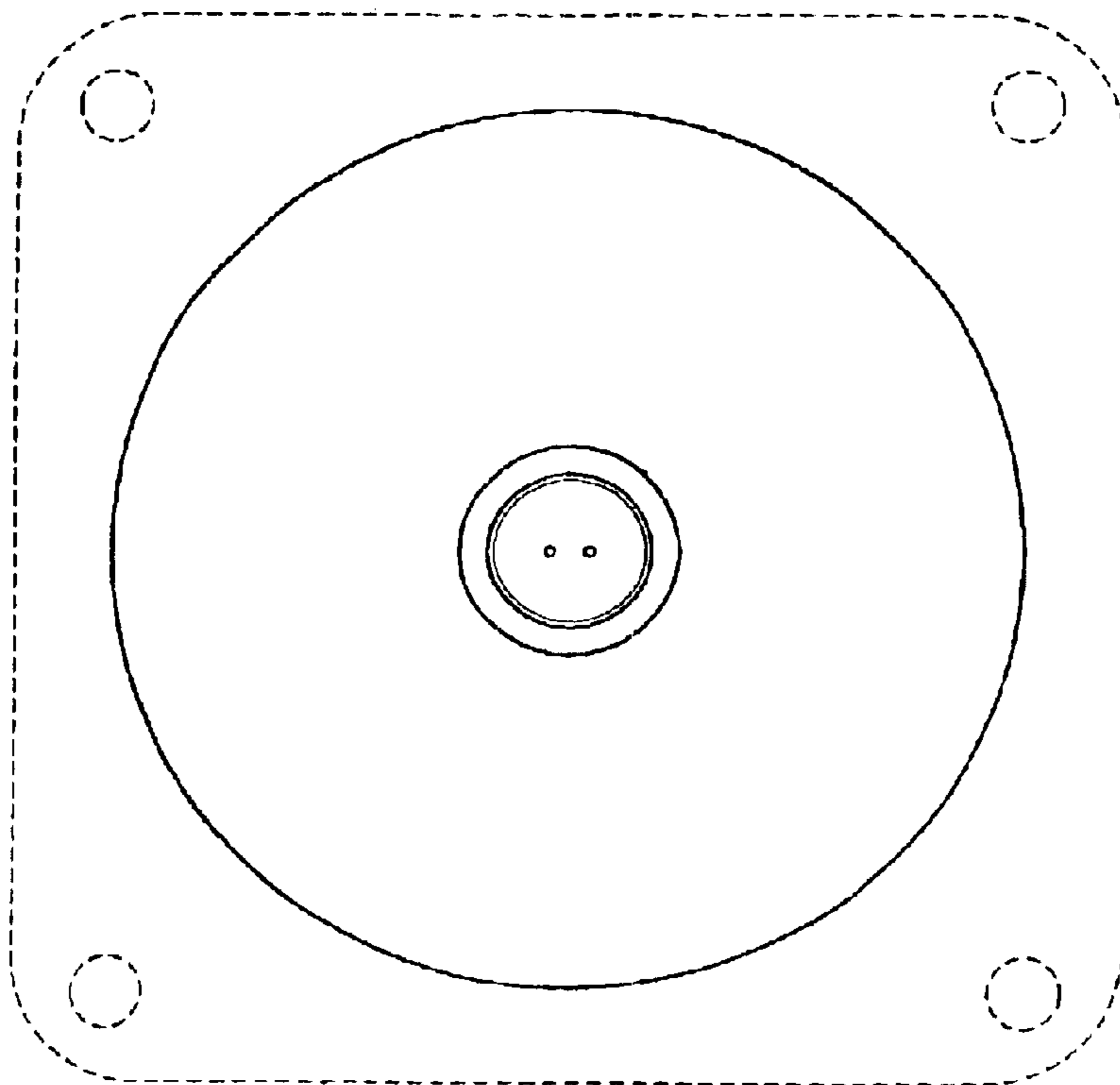


FIG. 17

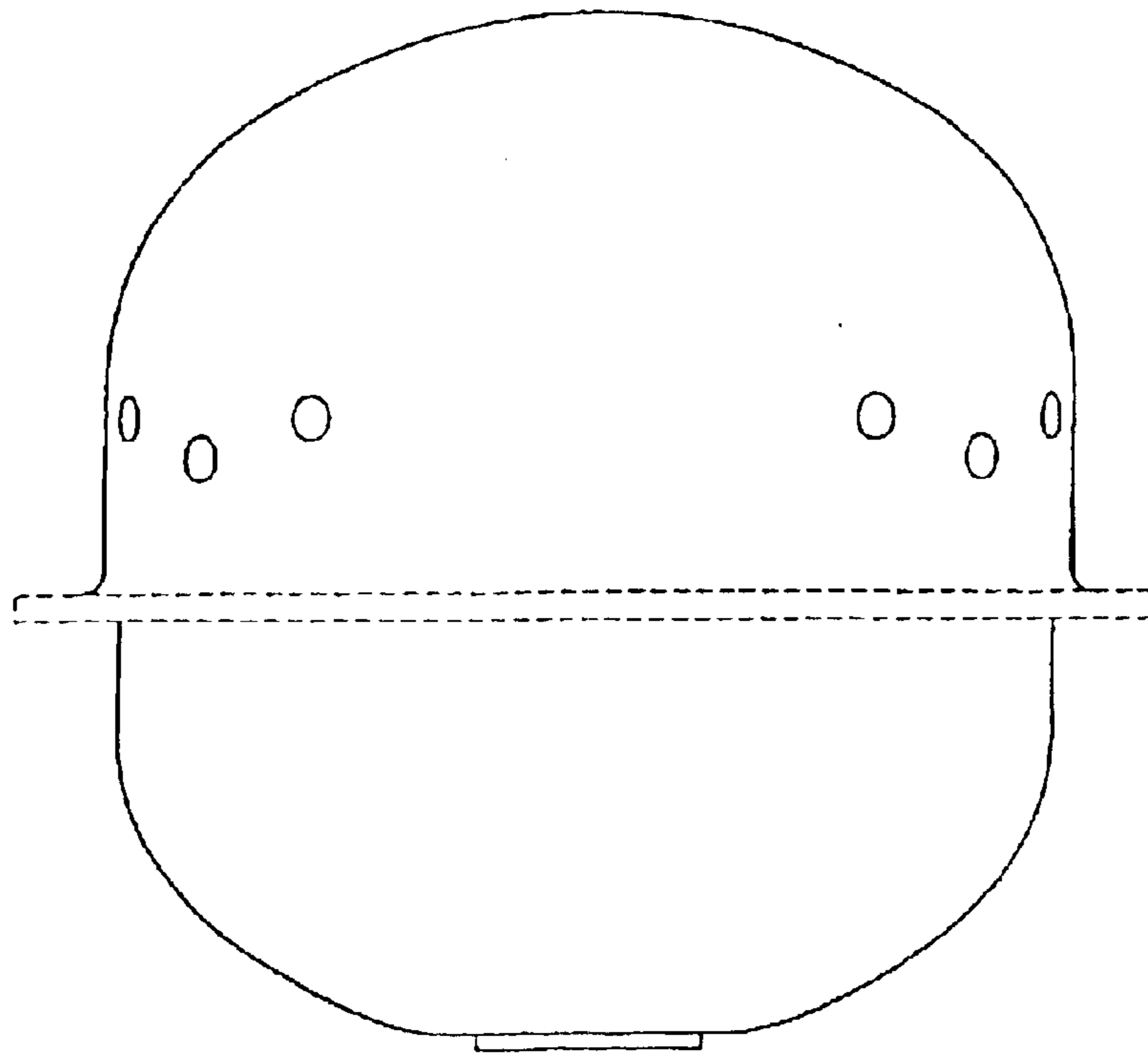


FIG. 18

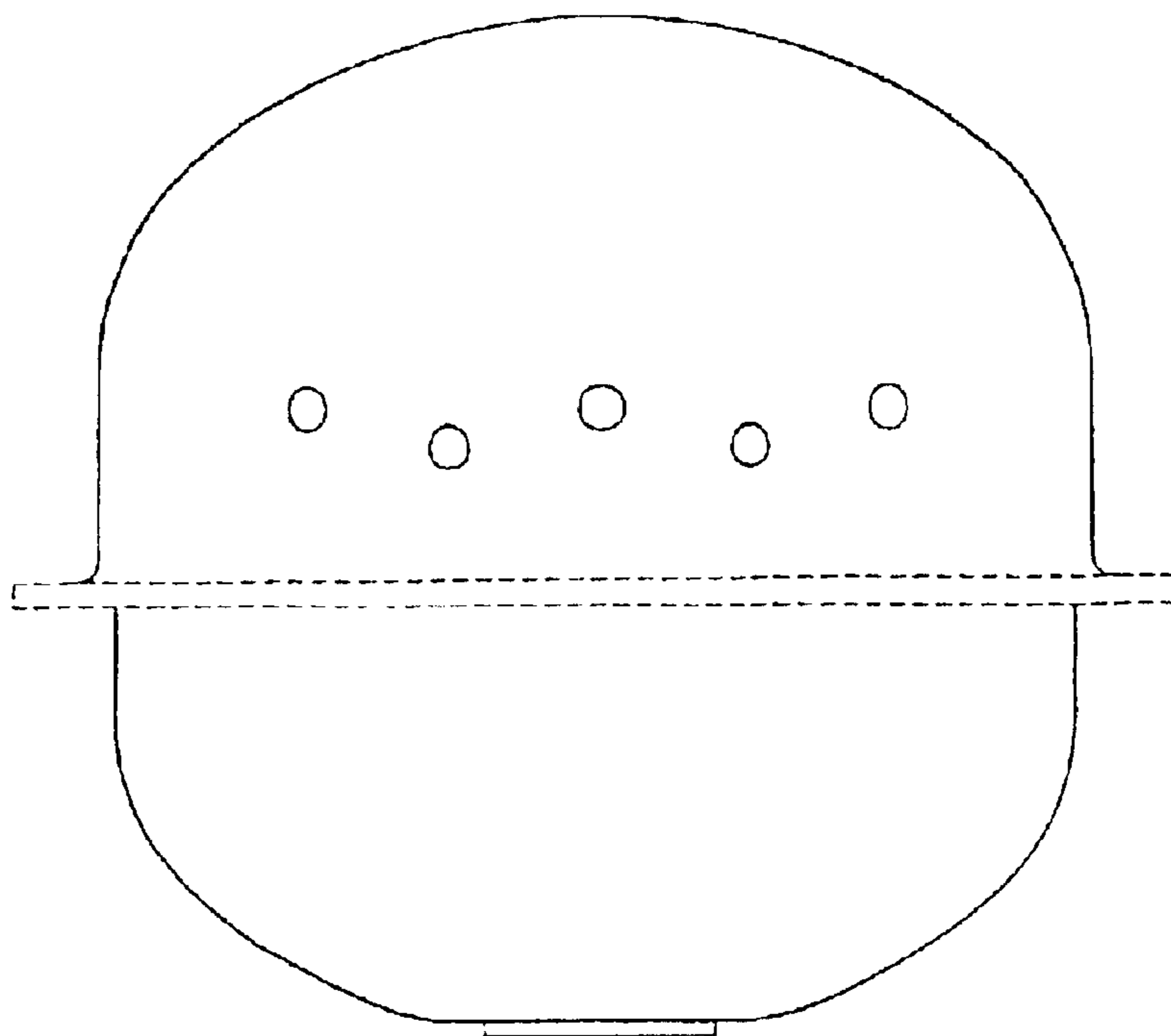


FIG. 19

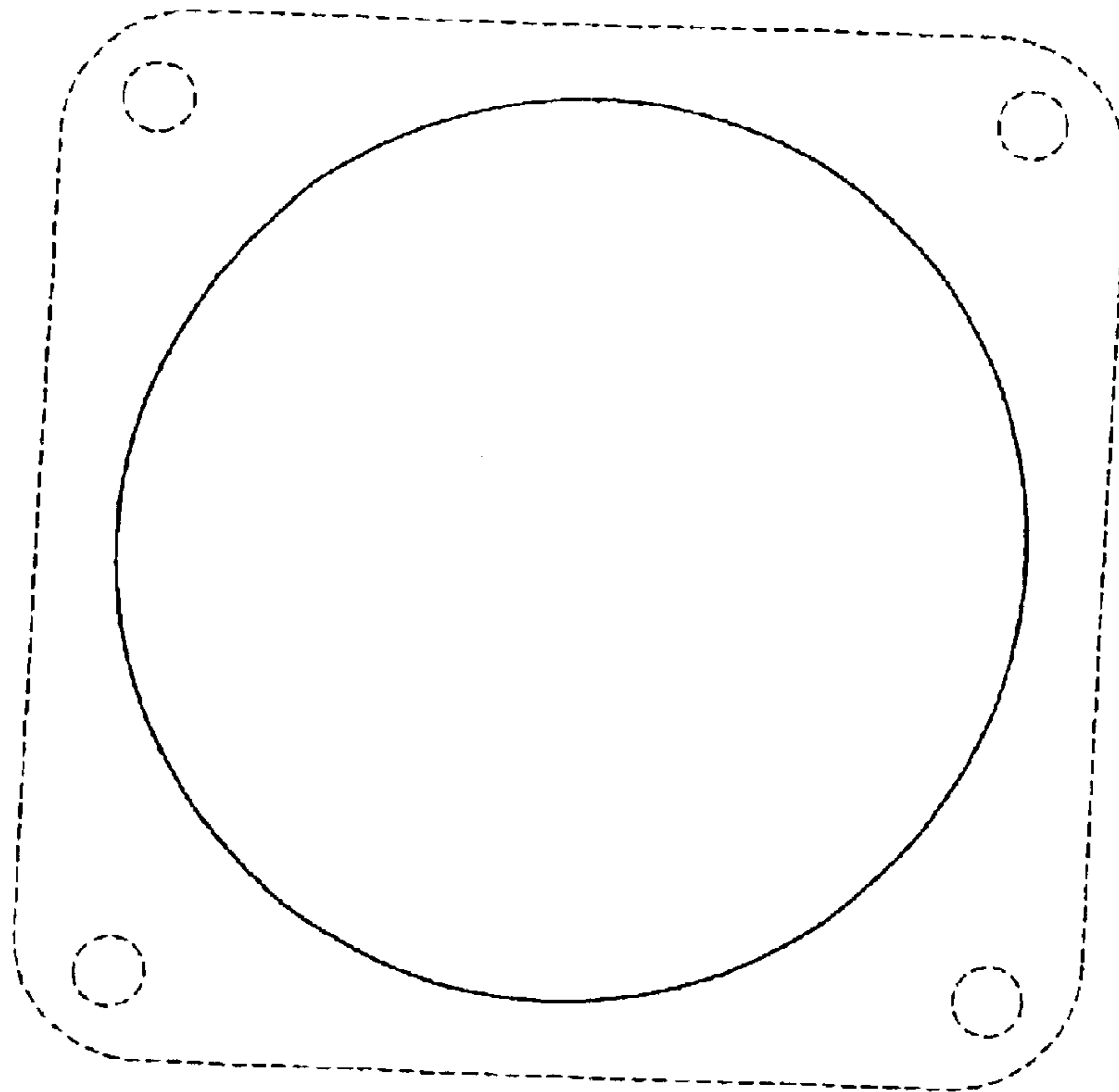


FIG. 20

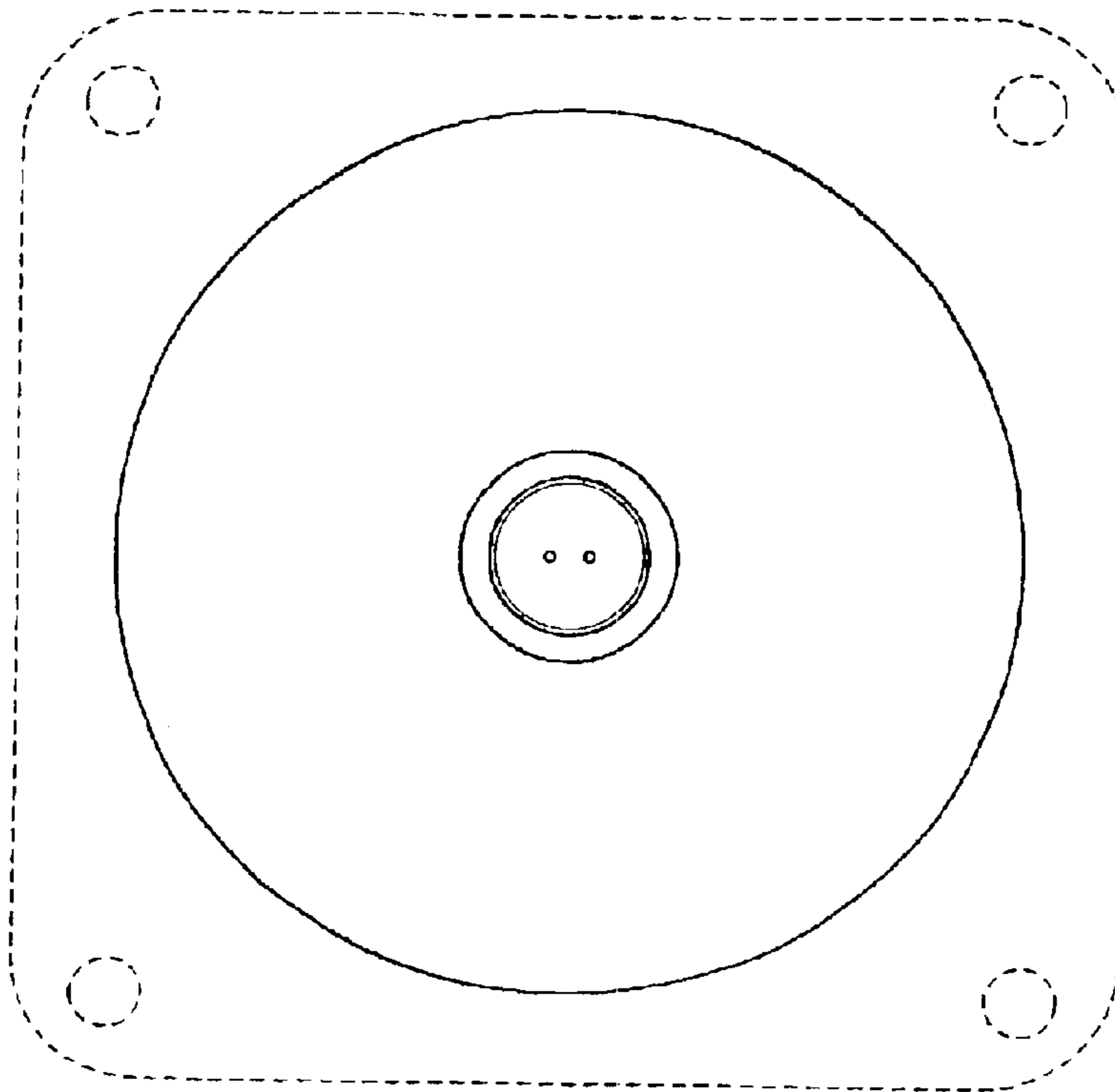


FIG. 21

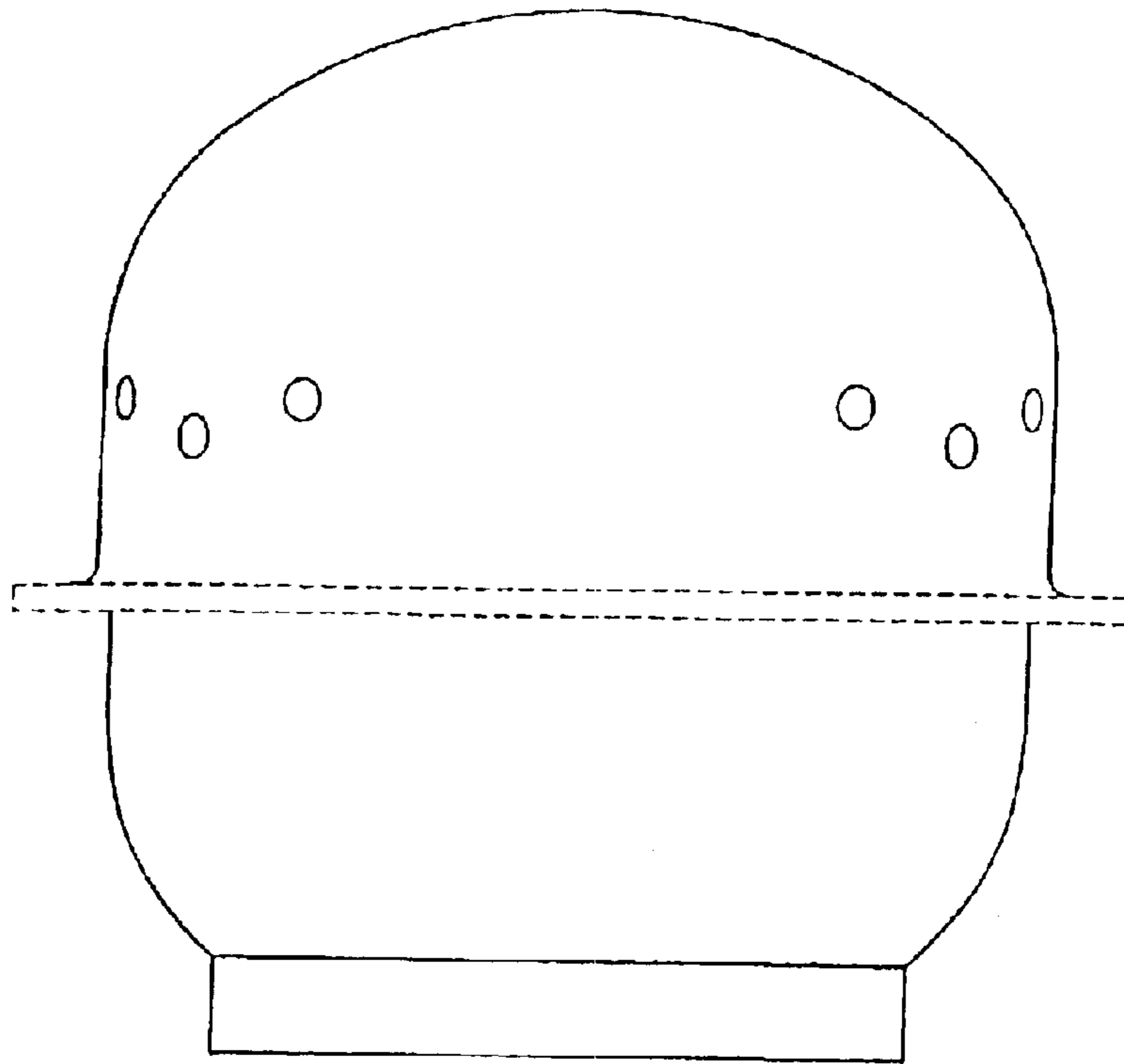


FIG. 22

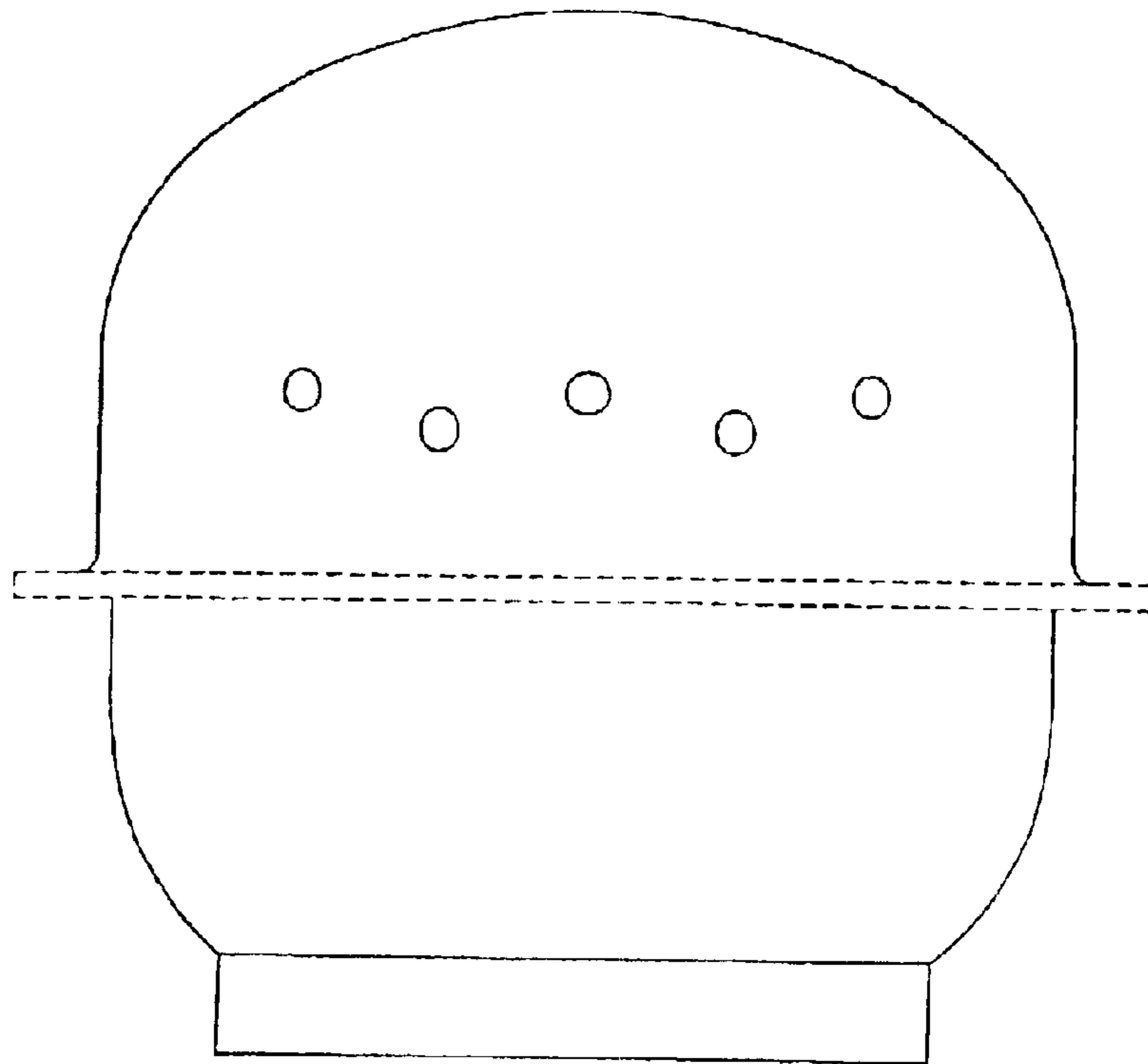


FIG. 23

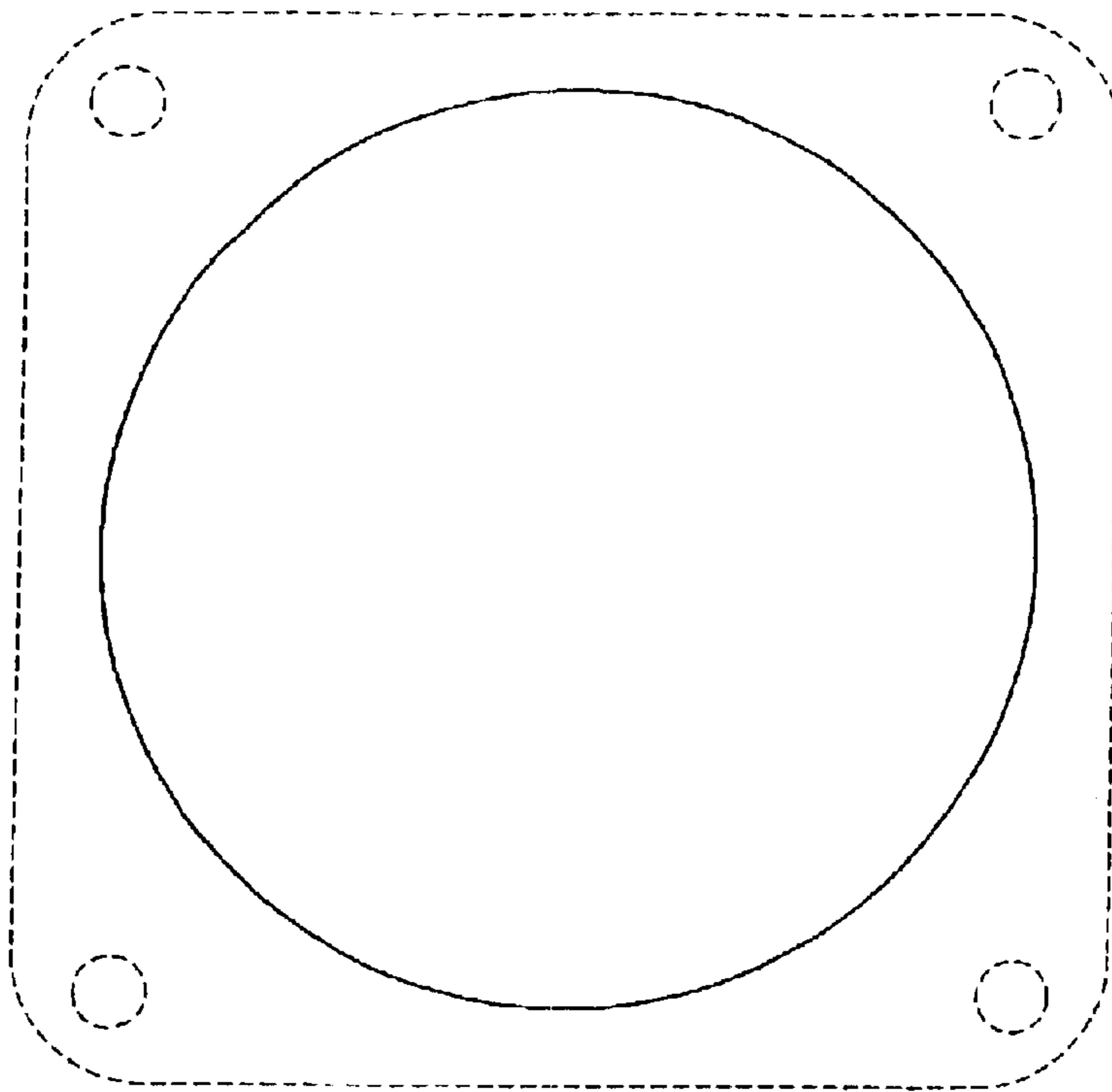


FIG. 24

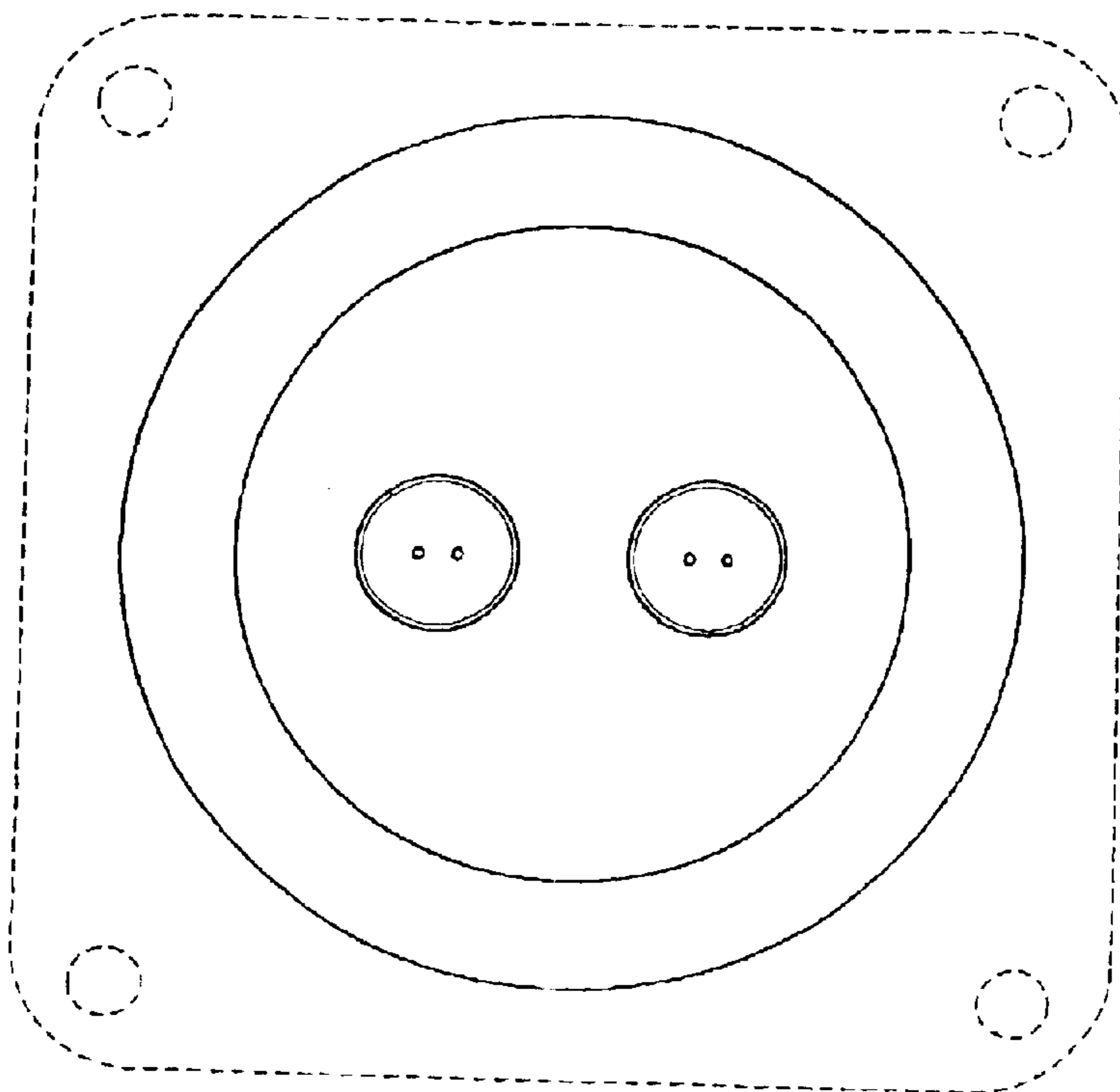


FIG. 25

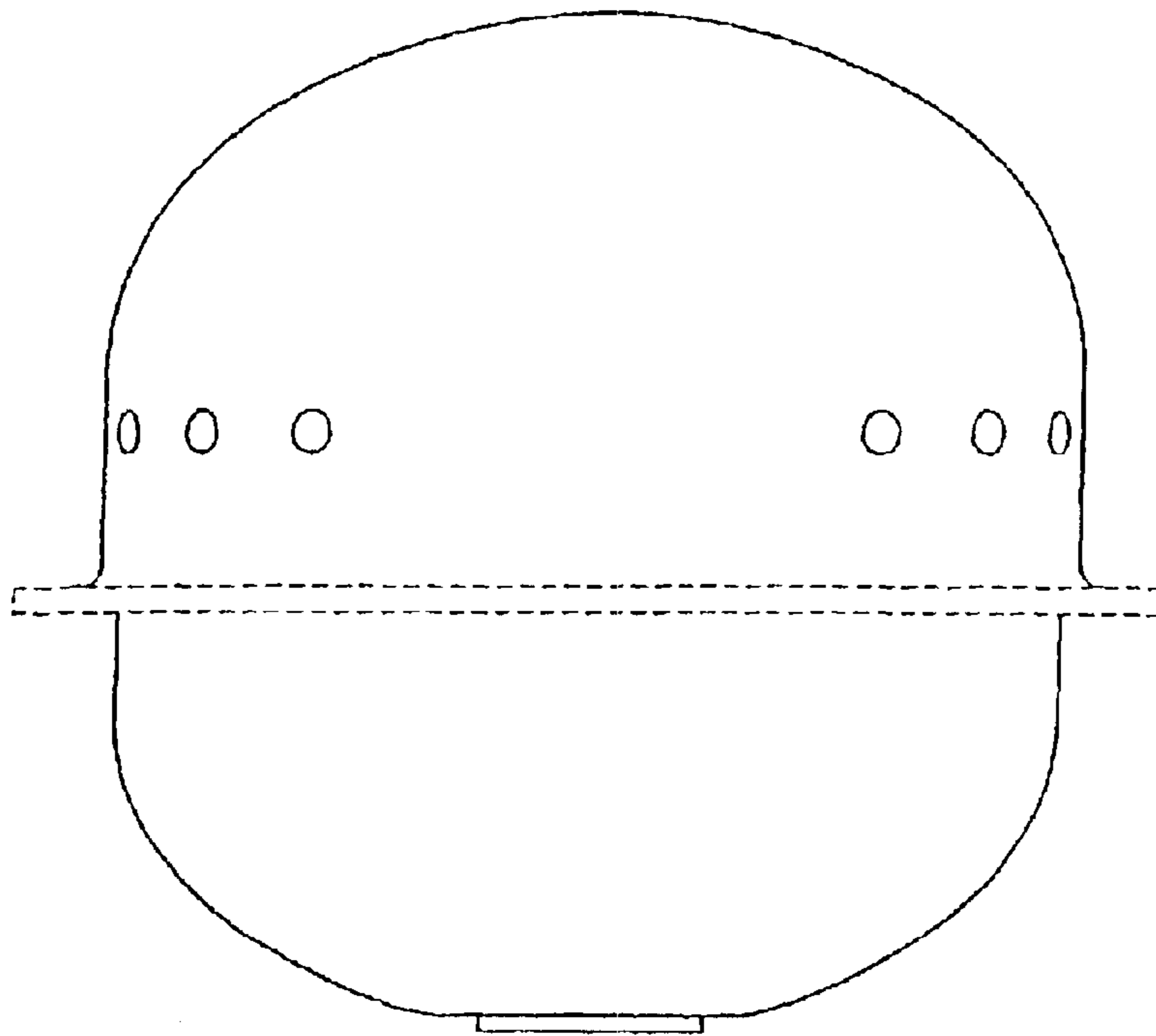


FIG. 26

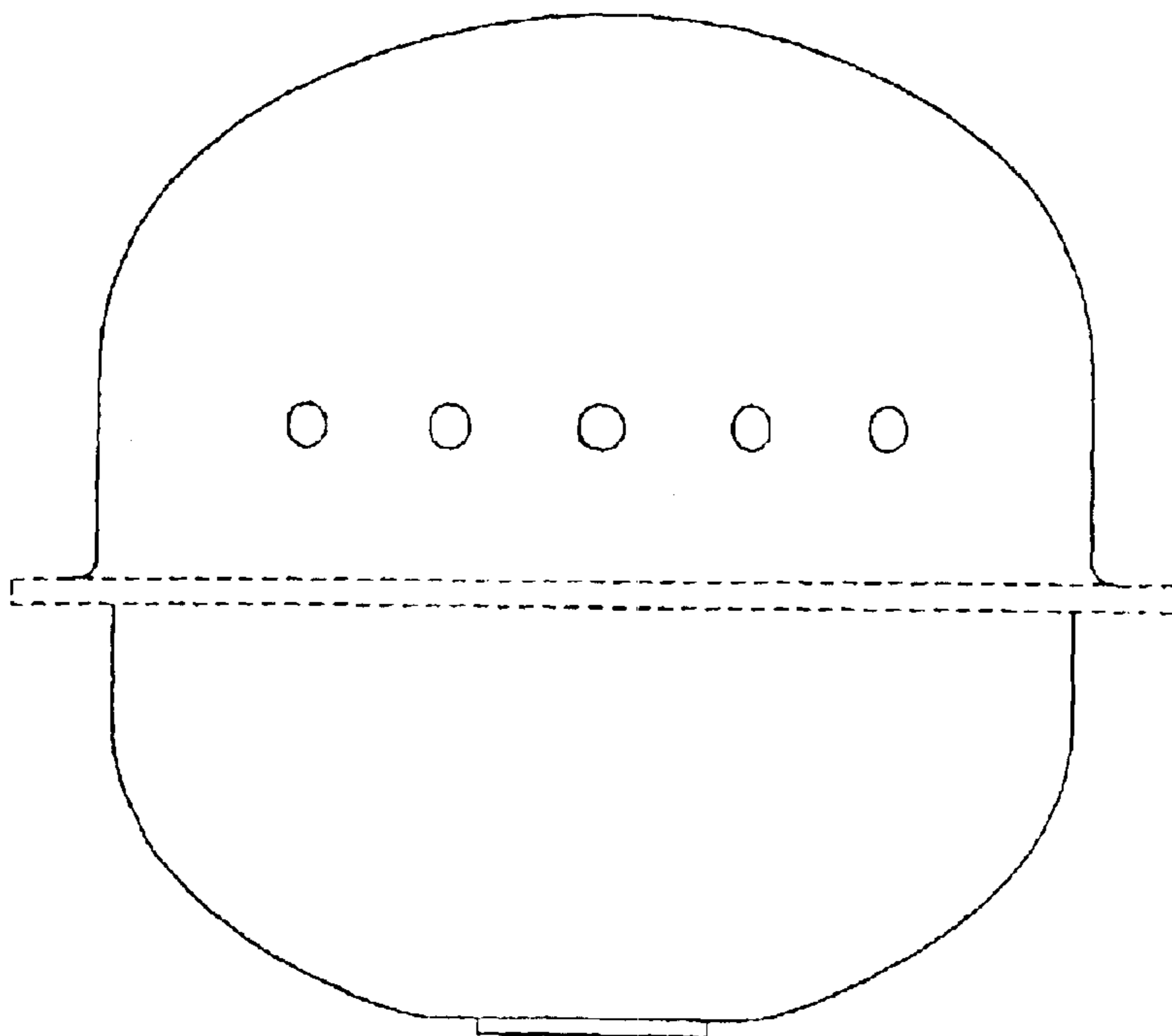


FIG. 27

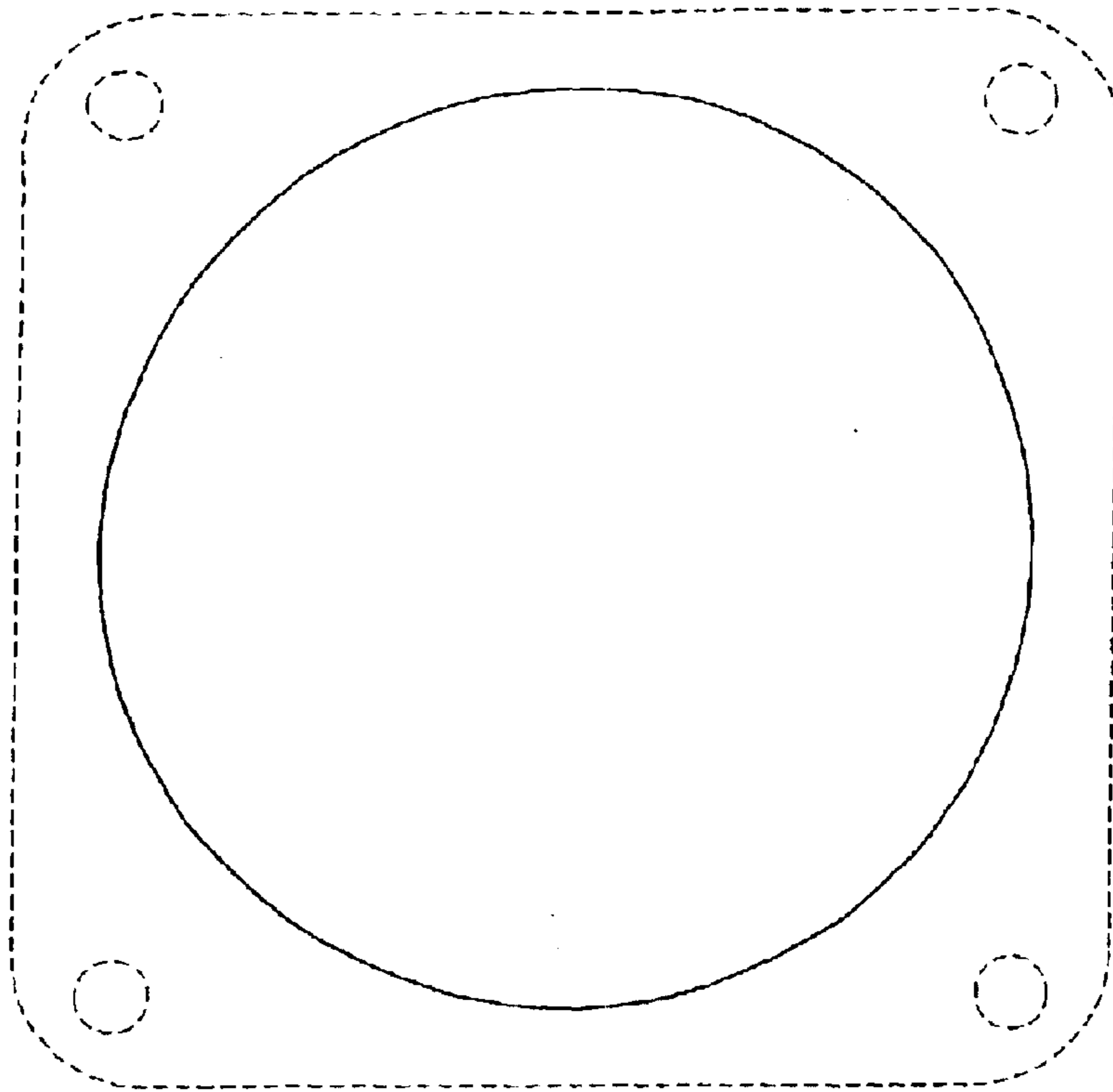


FIG. 28

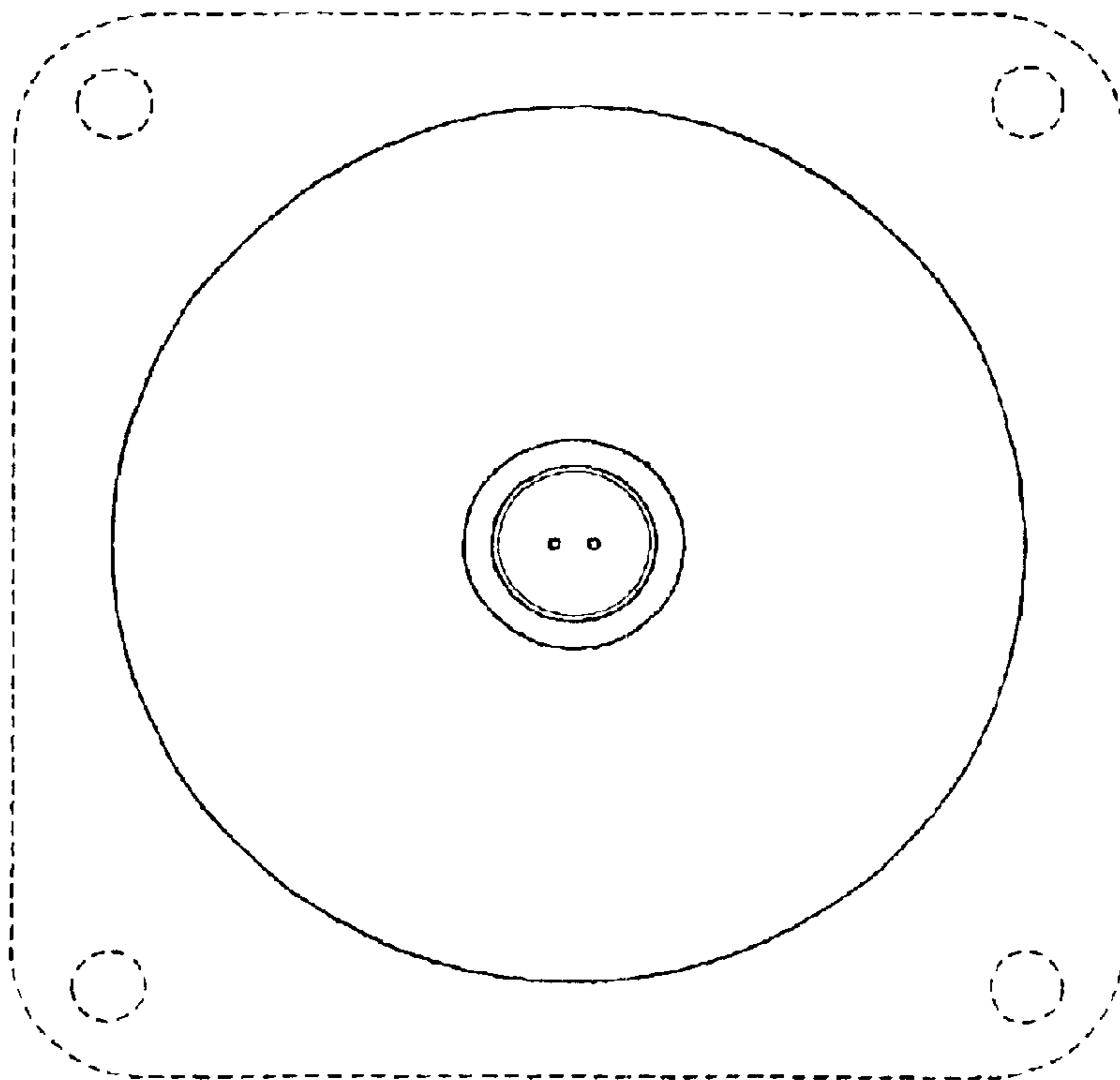


FIG. 29

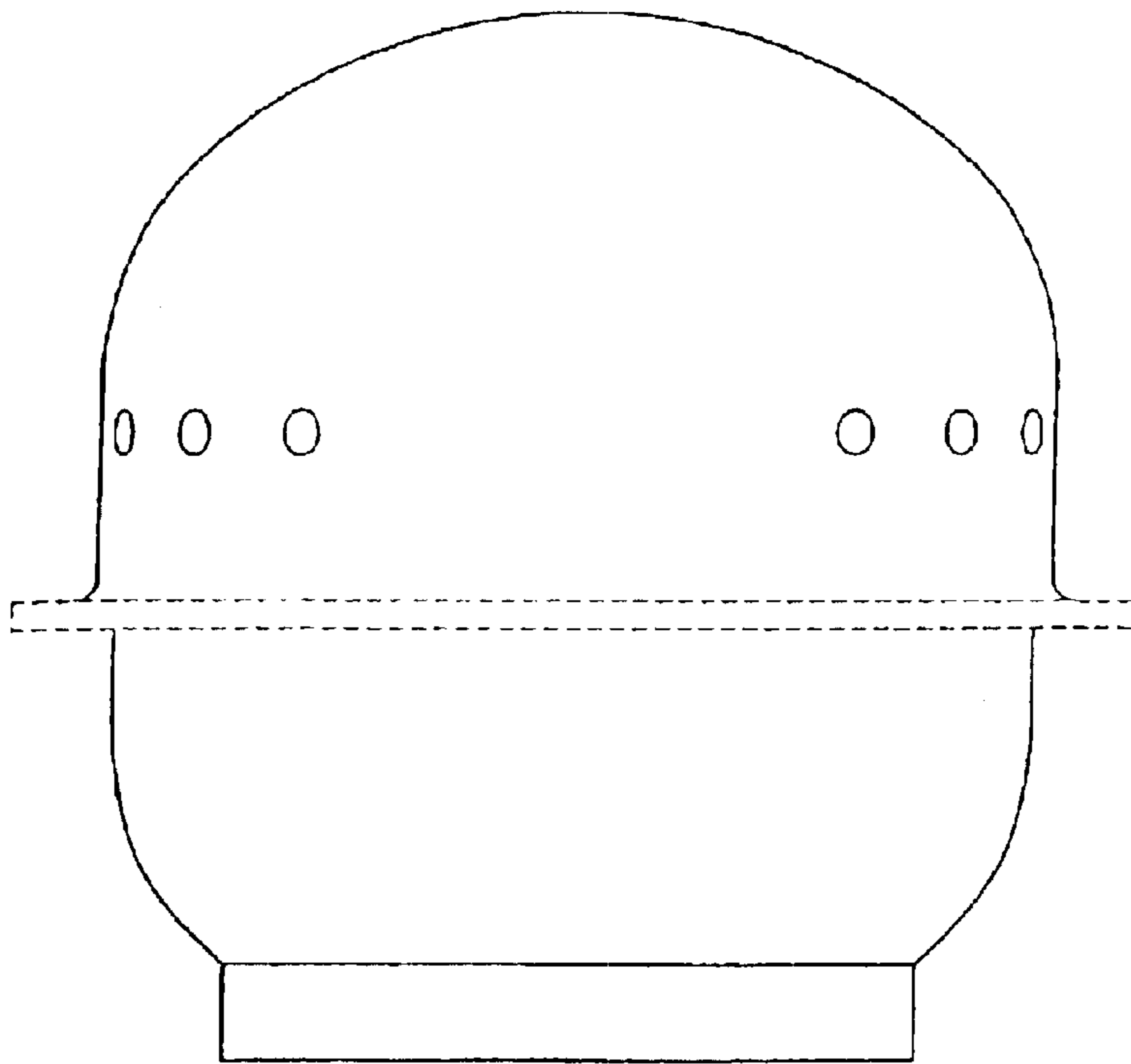


FIG. 30

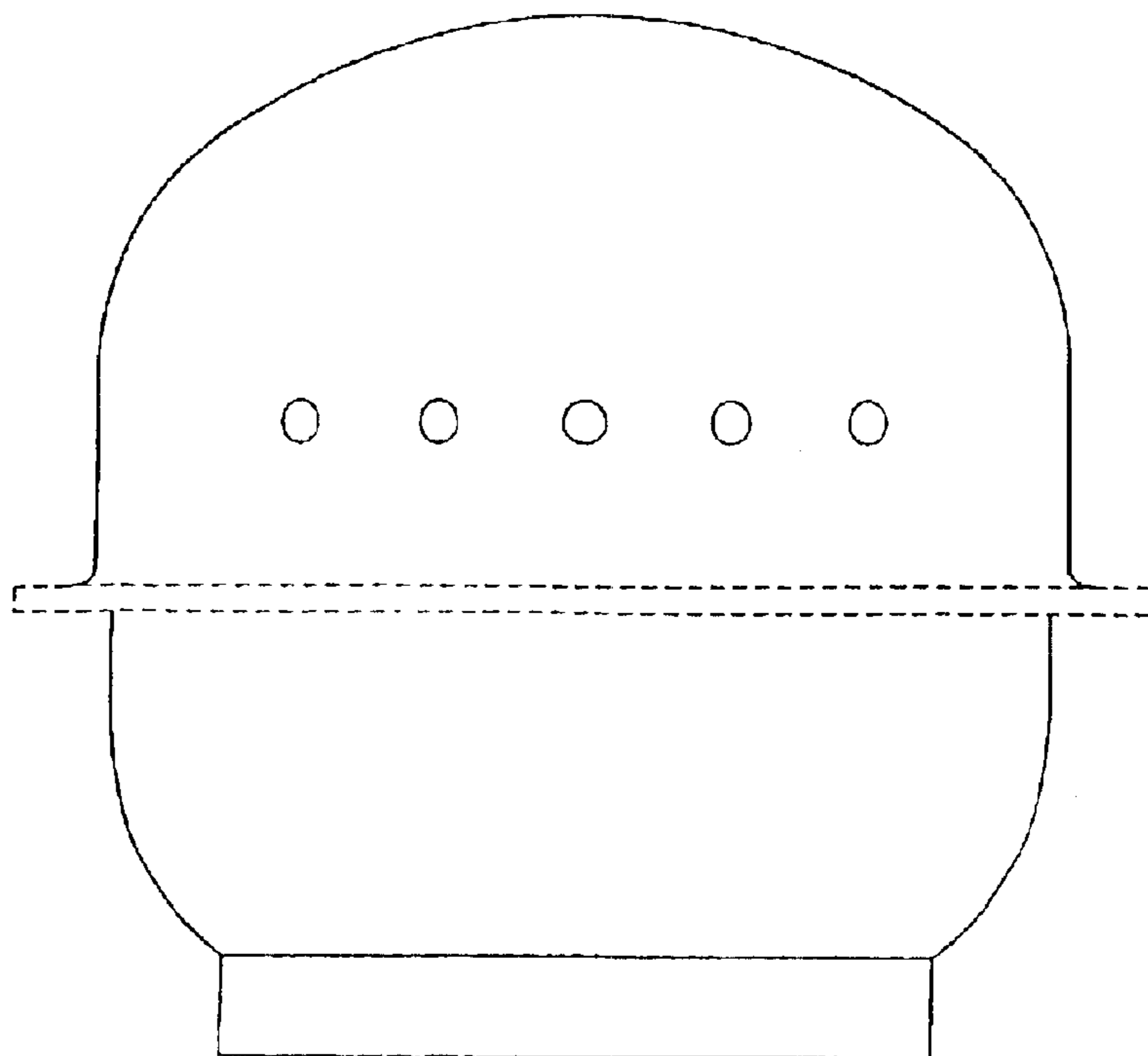


FIG. 31

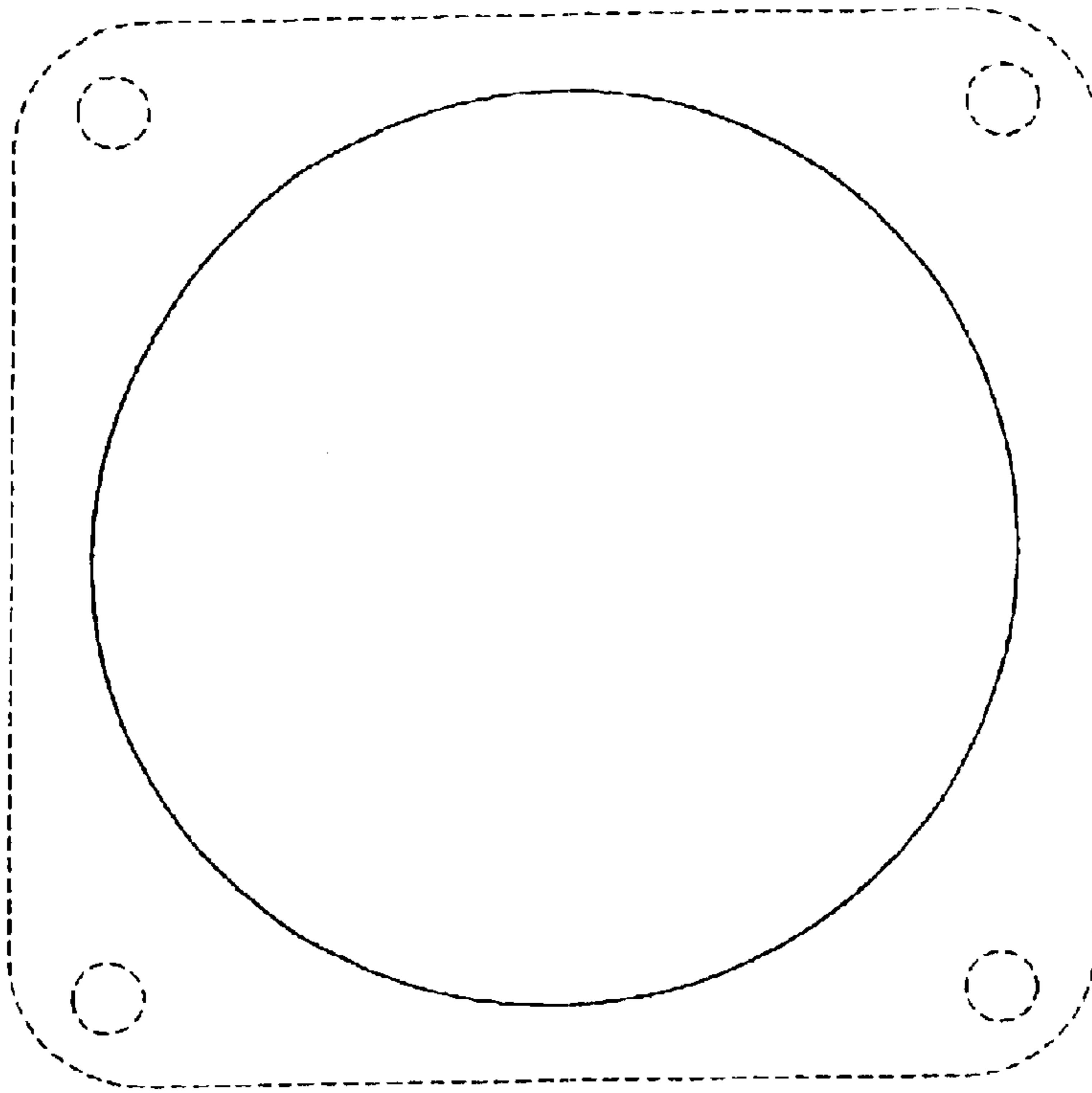


FIG. 32

