



US00D609250S

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

(10) **Patent No.:** **US D609,250 S**  
(45) **Date of Patent:** **\*\* Feb. 2, 2010**

(54) **PUMP LINER**

FOREIGN PATENT DOCUMENTS

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

(57) **CLAIM**

(21) Appl. No.: **29/313,848**

The ornamental design for the pump liner, as shown and described herein.

(22) Filed: **Feb. 13, 2009**

(30) **Foreign Application Priority Data**

**DESCRIPTION**

Aug. 14, 2008 (AU) ..... 13909/2008

FIG. 1 is a perspective view of the pump liner of the invention;

FIG. 2 is another perspective view of the pump liner;

(51) **LOC (9) Cl.** ..... **15-02**

FIG. 3 is a perspective view of the pump liner as shown in

FIG. 2, rotated vertically 180°;

(52) **U.S. Cl.** ..... **D15/7**

FIG. 4 is a view in elevation of the pump liner as shown in

FIG. 2, rotated to the right;

(58) **Field of Classification Search** ..... D15/7-9;  
D23/231, 232, 225; 417/410.1, 359, 415-416,  
417/234, 321, 265, 405

FIG. 5 is a side view of the pump liner as shown in FIG. 4,

rotated vertically 90° to the left;

See application file for complete search history.

FIG. 6 is a side view of the pump liner as shown in FIG. 5,

rotated vertically 180°; and,

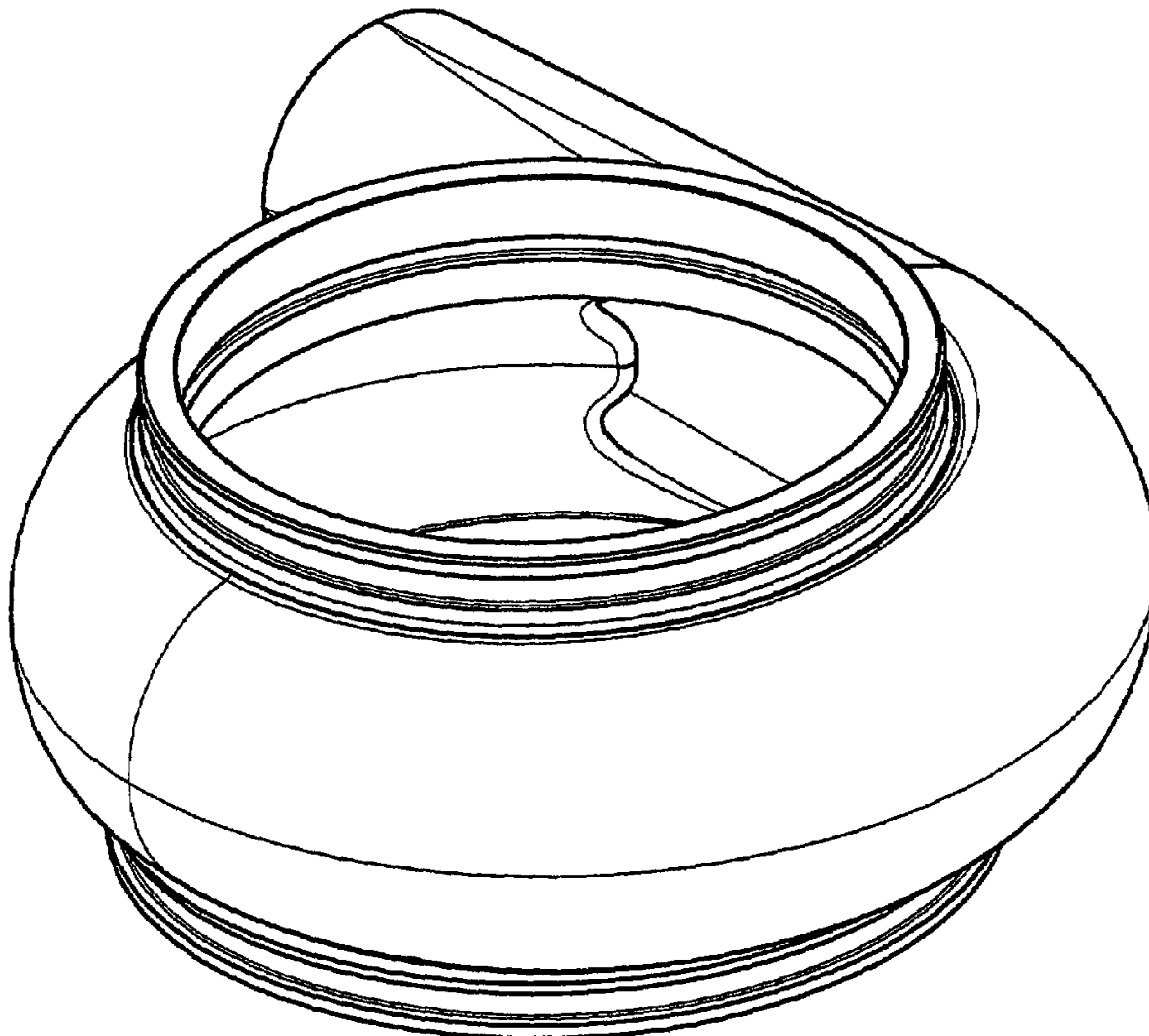
(56) **References Cited**

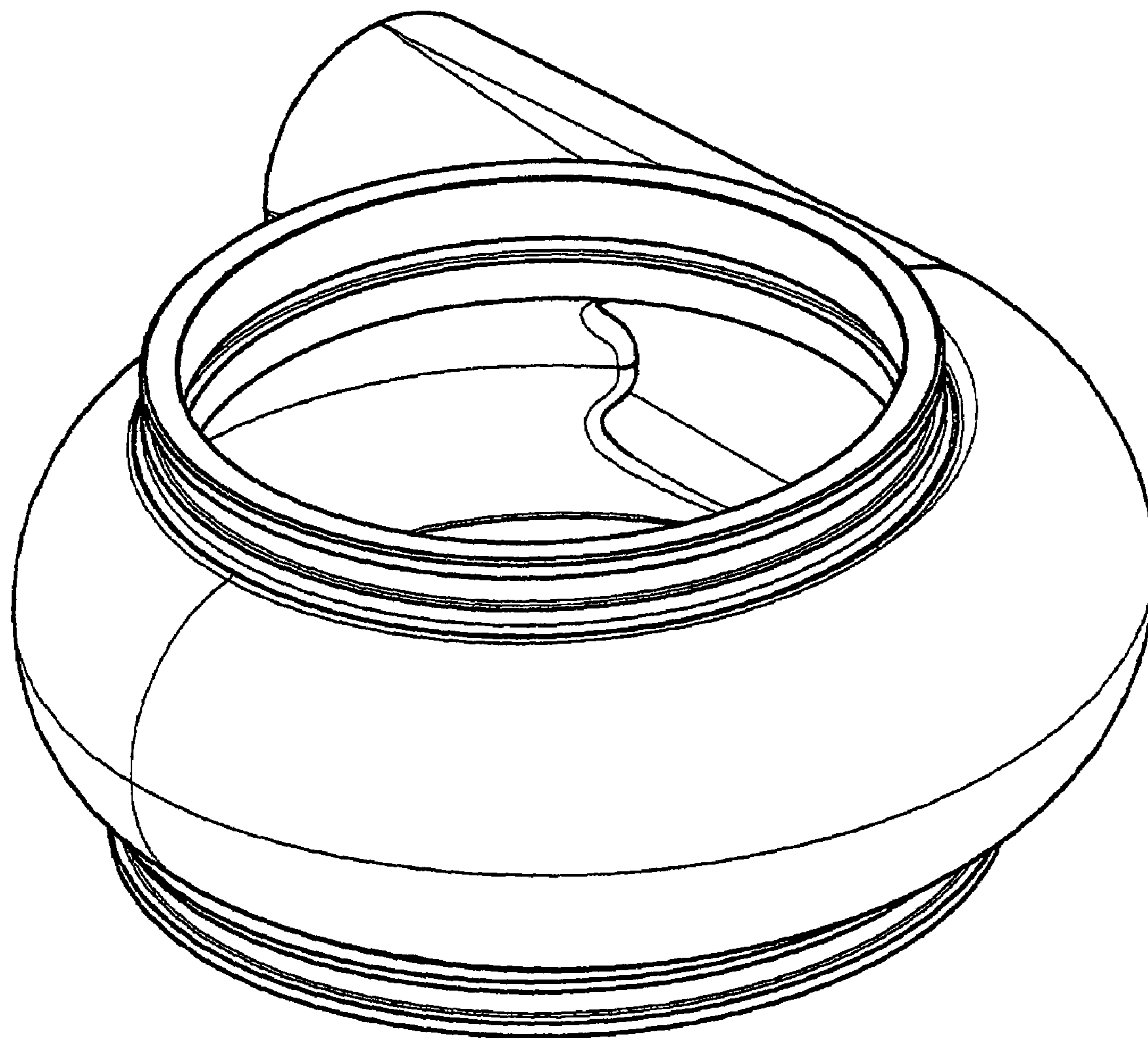
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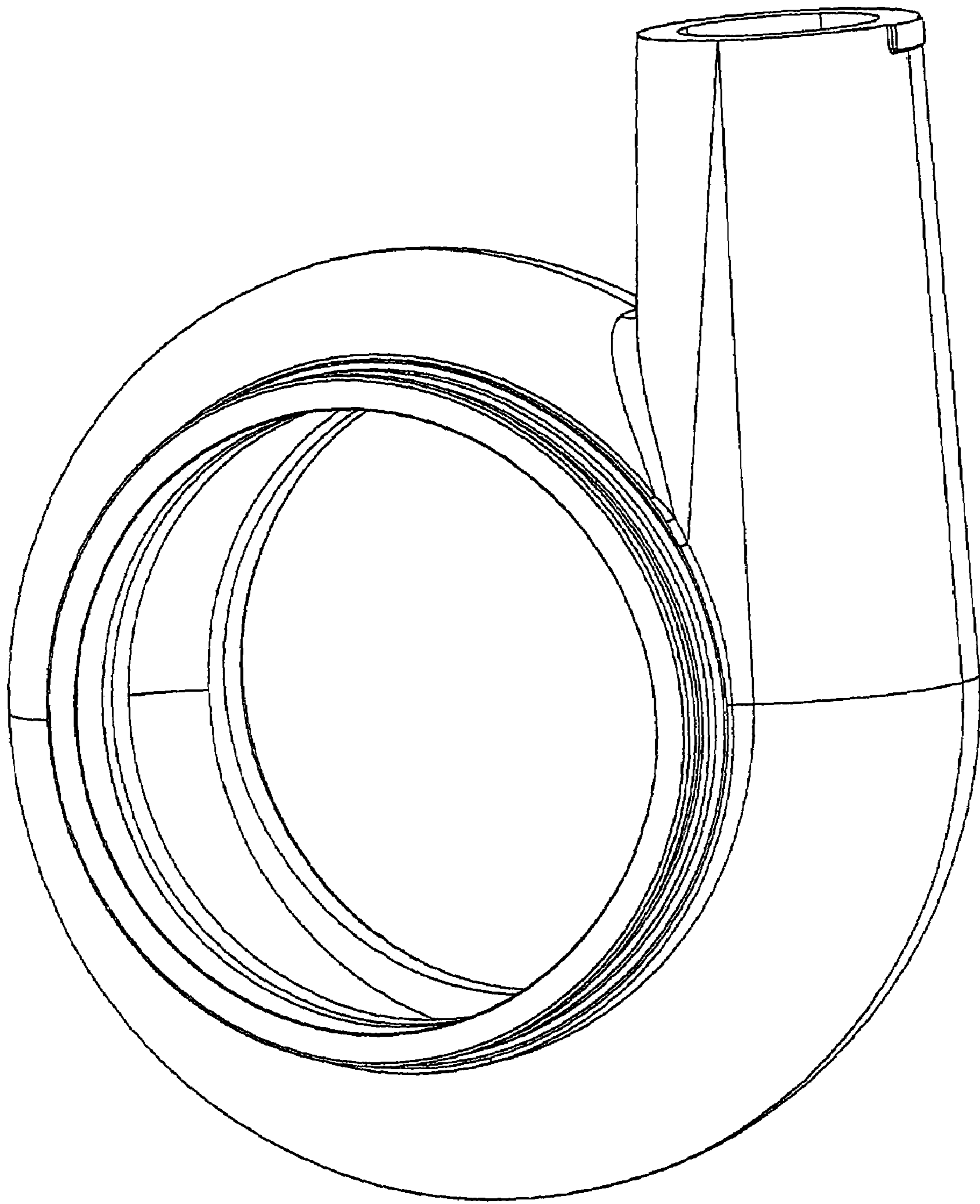
FIG. 7 is a top view of the pump liner as shown in FIG. 6,  
rotated horizontally 90°.

**1 Claim, 7 Drawing Sheets**

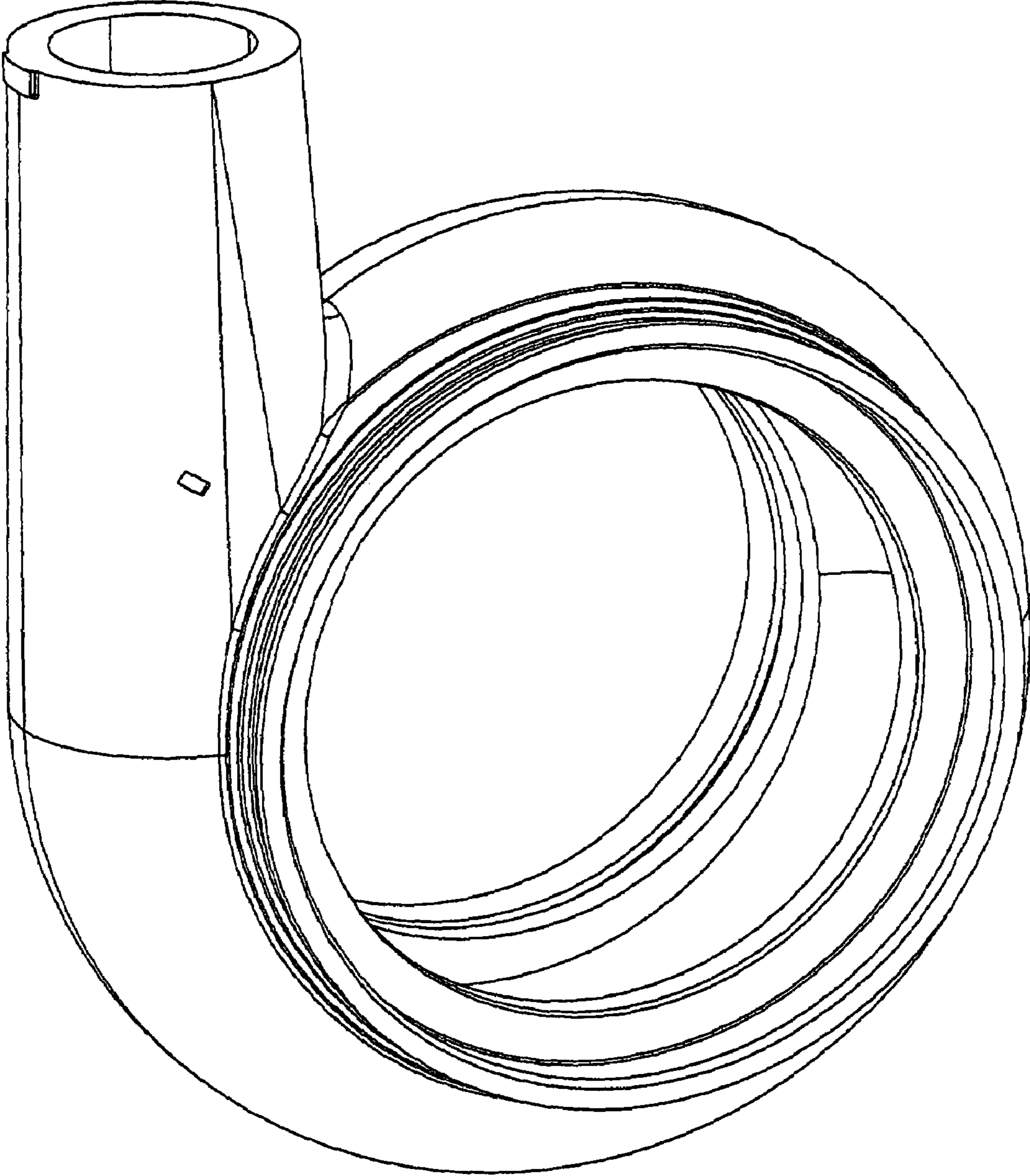




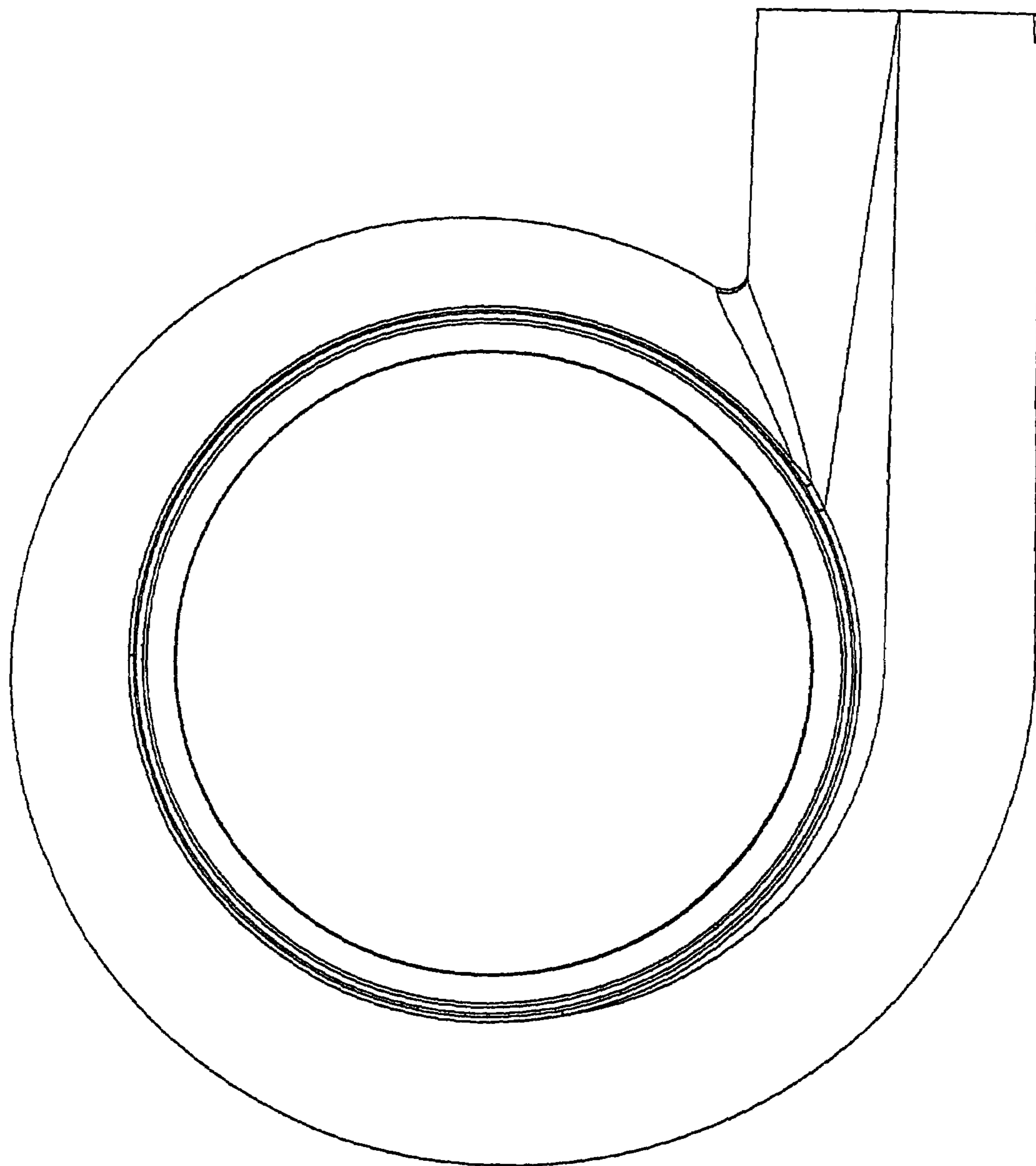
***FIG. 1***



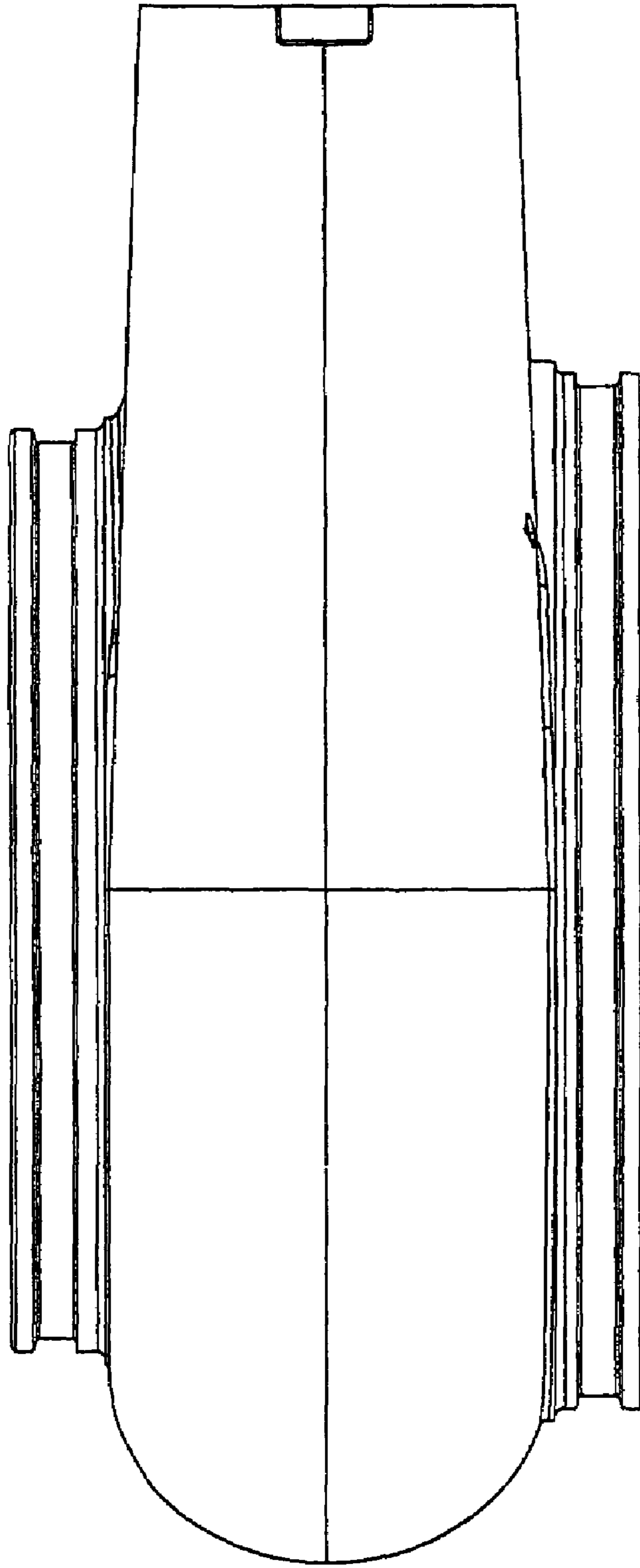
**FIG. 2**



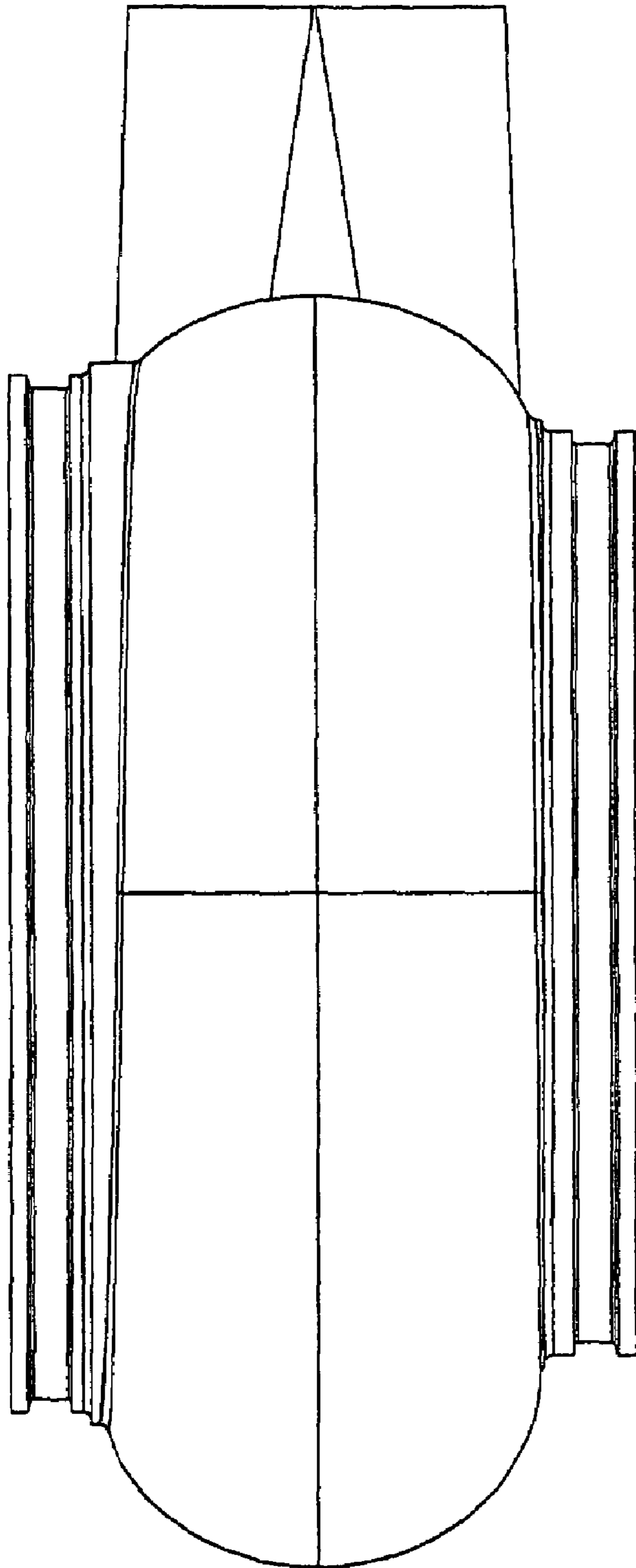
**FIG. 3**



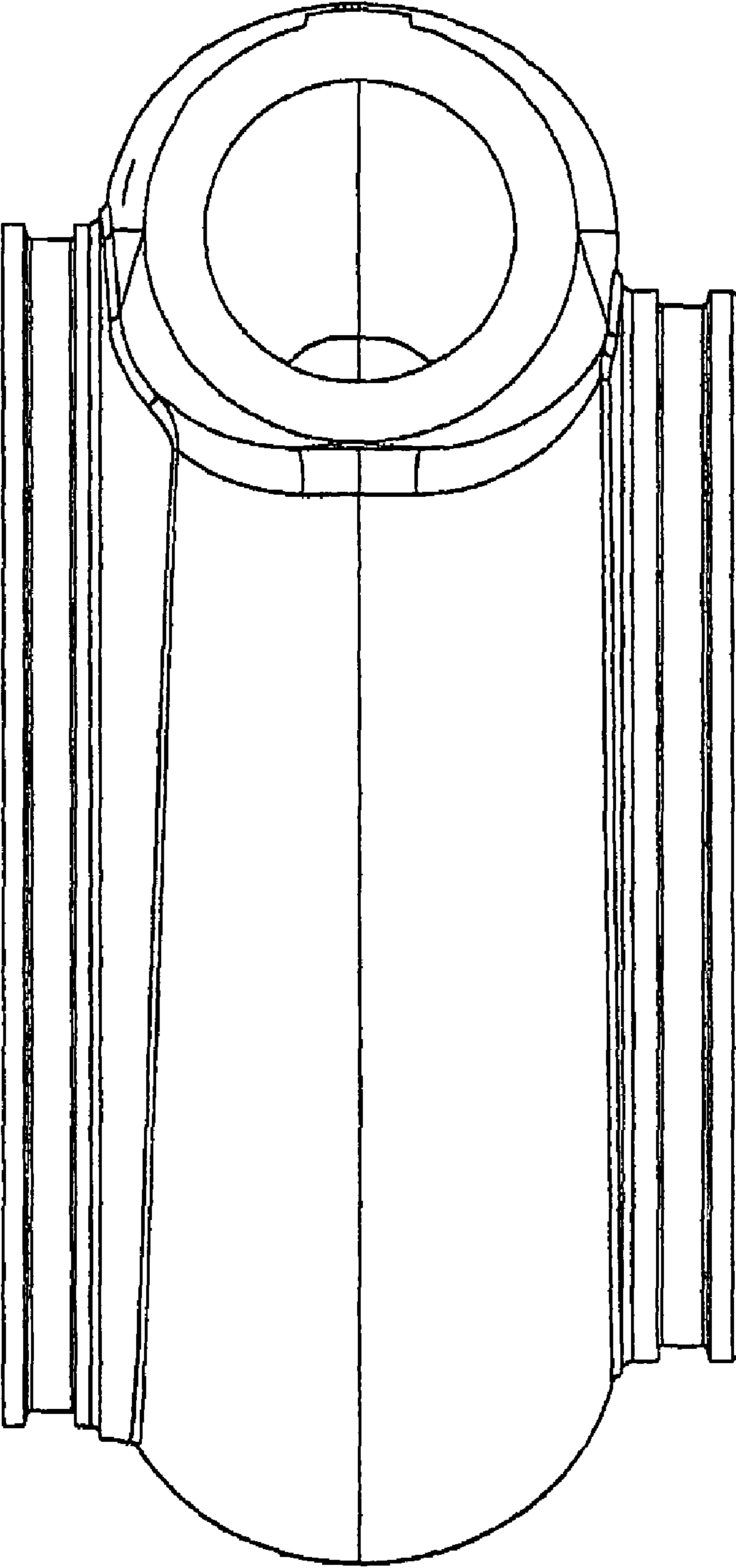
**FIG. 4**



***FIG. 5***



**FIG. 6**



**FIG. 7**