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

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(54) **BRANCH PIPE OF DUAL MUFFLER FOR VEHICLE**

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

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(52) **U.S. Cl.**  
USPC ..... **D12/194**

(58) **Field of Classification Search**  
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181/247-249; D15/5; 29/890.08; 60/303,  
60/313, 323; 285/127.2; 138/37-39, 44,  
138/103, 109

See application file for complete search history.

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(57) **CLAIM**

The ornamental design for a branch pipe of a dual muffler for a vehicle, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a branch pipe of the dual muffler for a vehicle.

FIG. 2 is a front view of the branch pipe of the dual muffler for the vehicle of FIG. 1.

FIG. 3 is a rear view of the branch pipe of the dual muffler for the vehicle of FIG. 1.

FIG. 4 is a left side view of the branch pipe of the dual muffler for the vehicle of FIG. 1.

FIG. 5 is a right side view of the branch pipe of the dual muffler for the vehicle of FIG. 1.

FIG. 6 is a top view of the branch pipe of the dual muffler for the vehicle of FIG. 1.

FIG. 7 is a bottom view of the branch pipe of the dual muffler for the vehicle of FIG. 1.

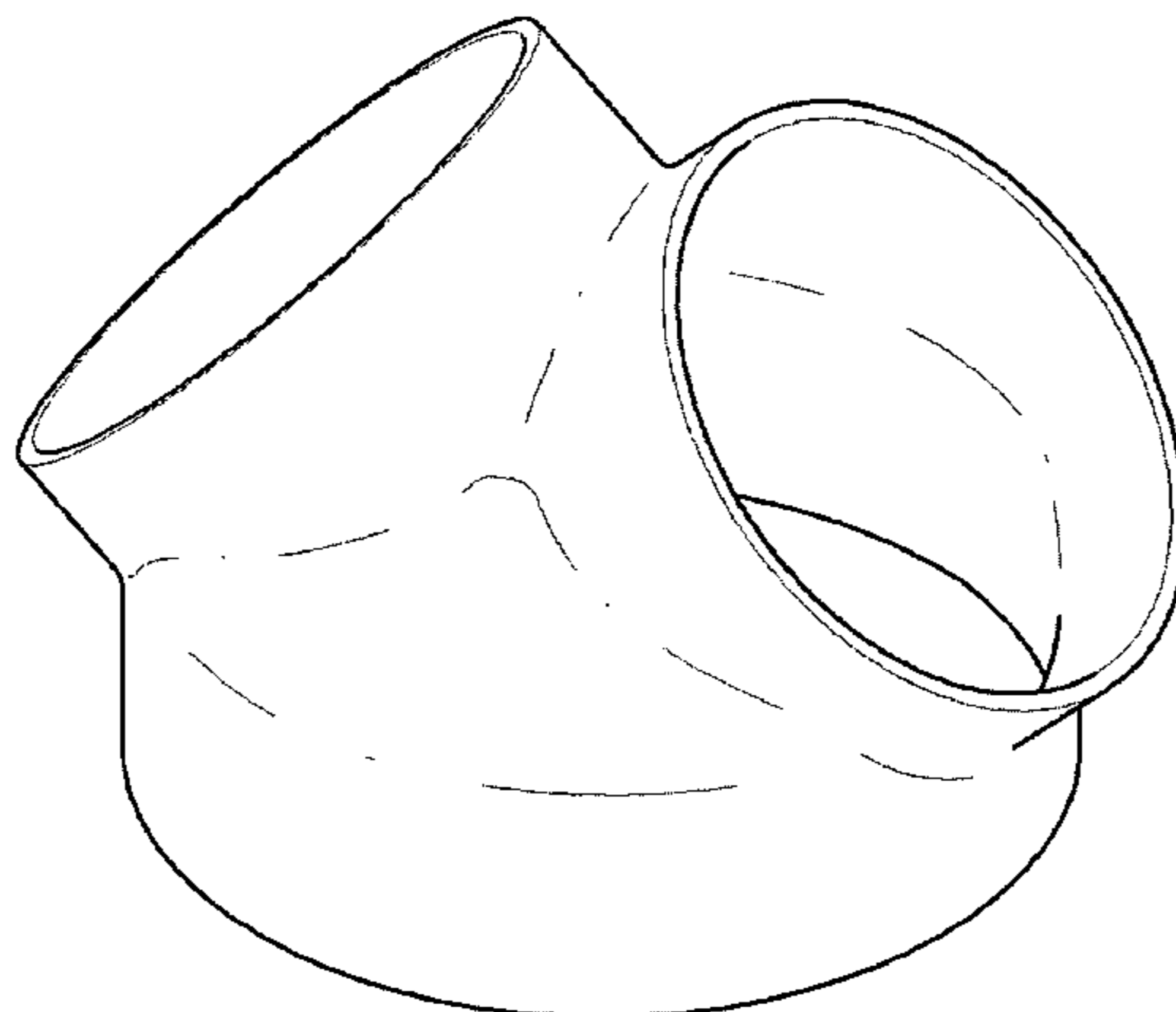
FIG. 8 is a section view according to A-A line of the branch pipe of the dual muffler for the vehicle of FIG. 6.

FIG. 9 is a view showing a connection of the branch pipe of the dual muffler for the vehicle of FIG. 1 between an in-pipe and an out-pipe; and,

FIG. 10 is another perspective view of the branch pipe of dual muffler for vehicle of FIG. 1.

The branch pipe of the dual muffler for the vehicle is comprised of metals. The branch pipe of the dual muffler for the vehicle is manufactured by cutting a predetermined size of a metal plate, a deep drawing, a trimming, a piercing and then a burring in order. The branch pipe of the dual muffler for the vehicle is connected between an in-pipe and an out-pipe, wherein the in-pipe is connected to a catalyst converter installed in a bottom portion of the vehicle and the out-pipe is connected to a sub-muffler.

**1 Claim, 10 Drawing Sheets**



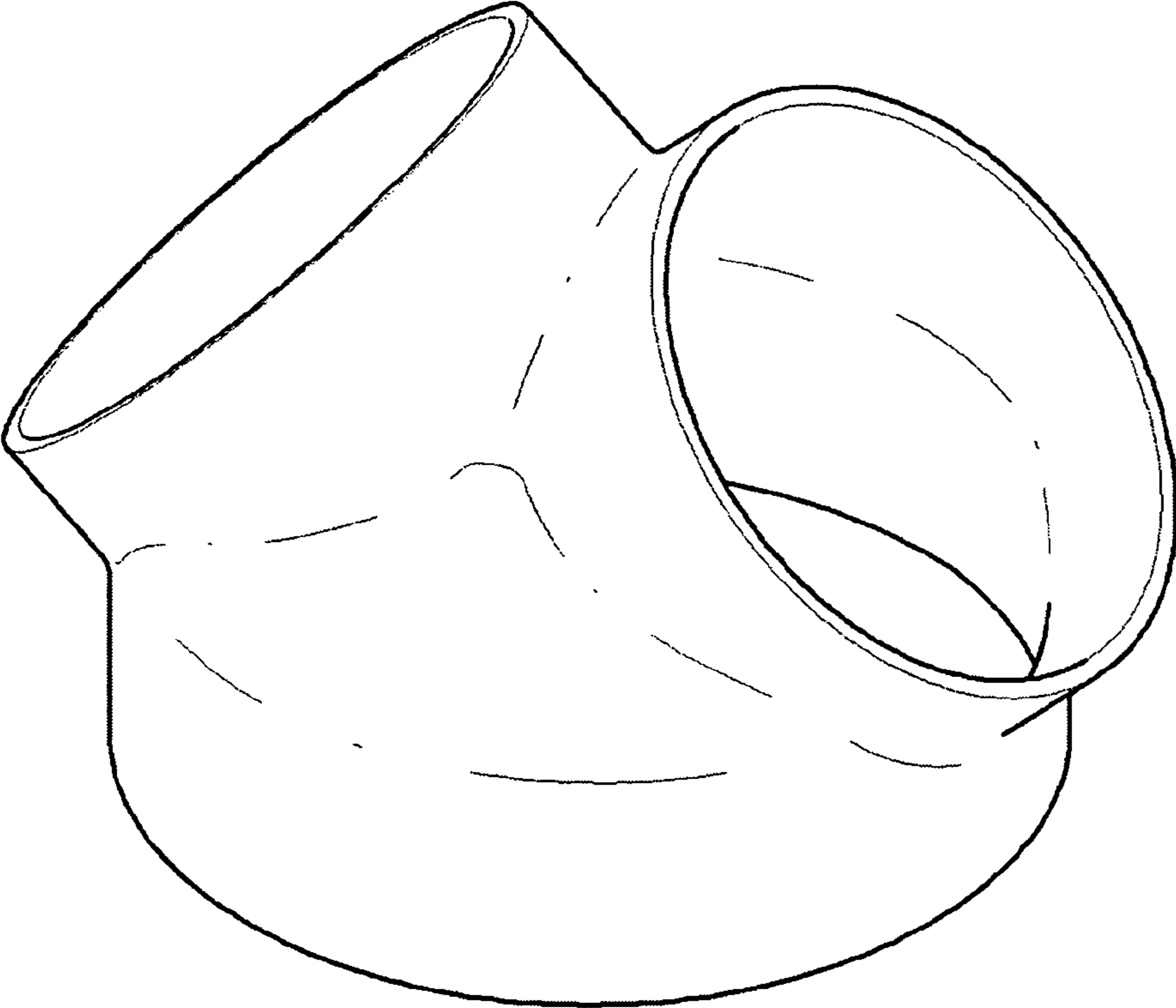


FIG. 1

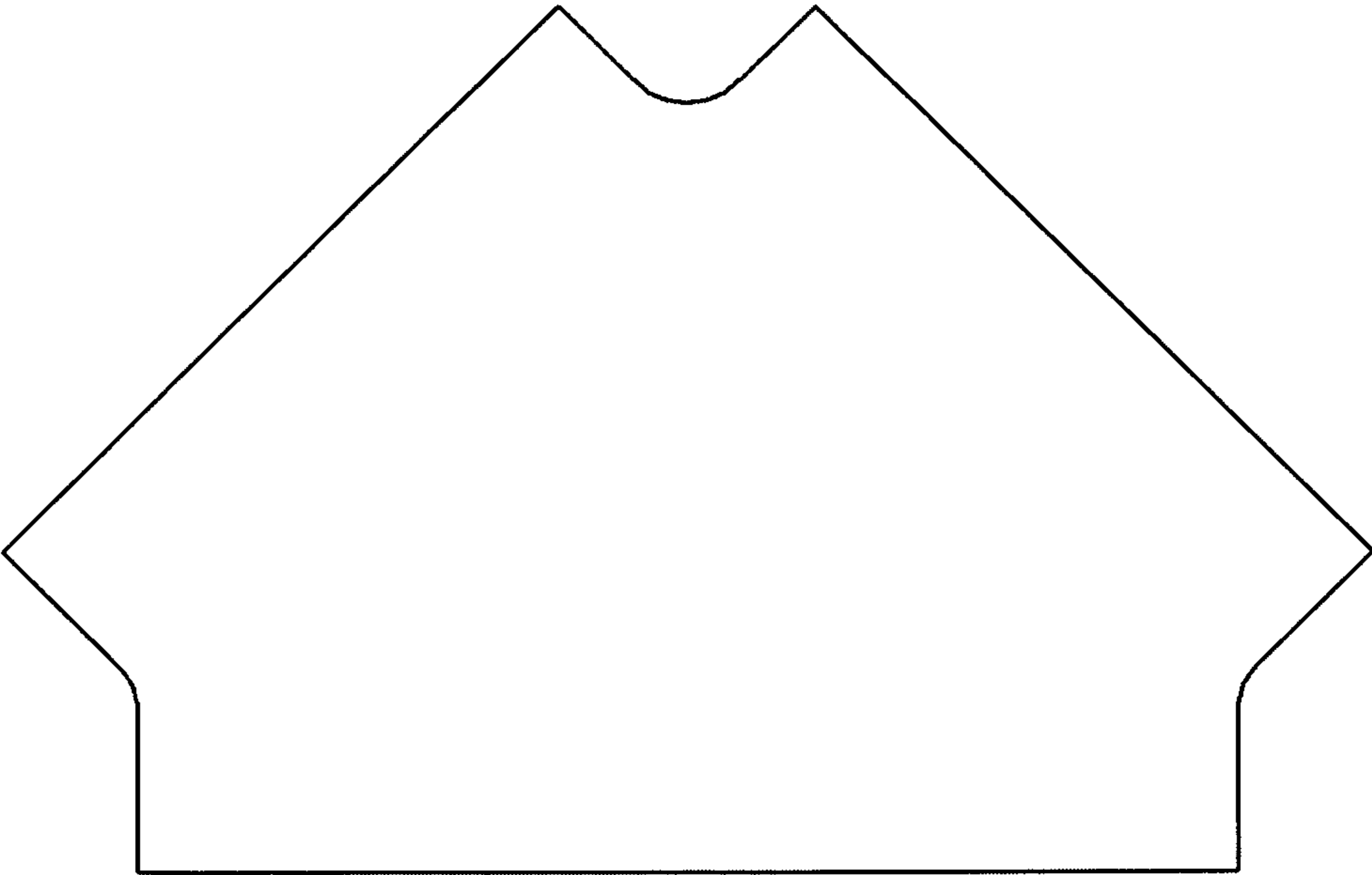


FIG. 2

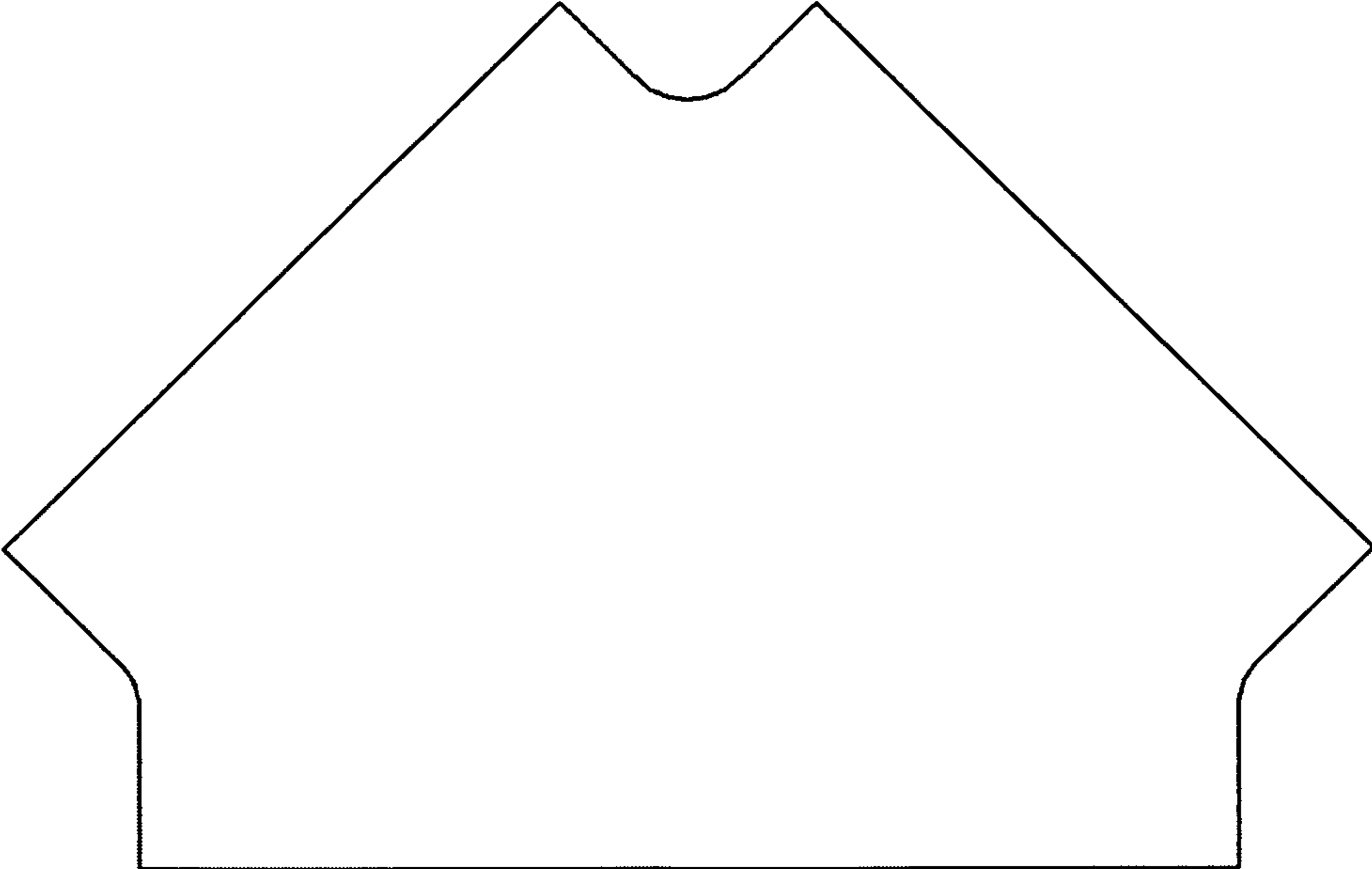


FIG. 3

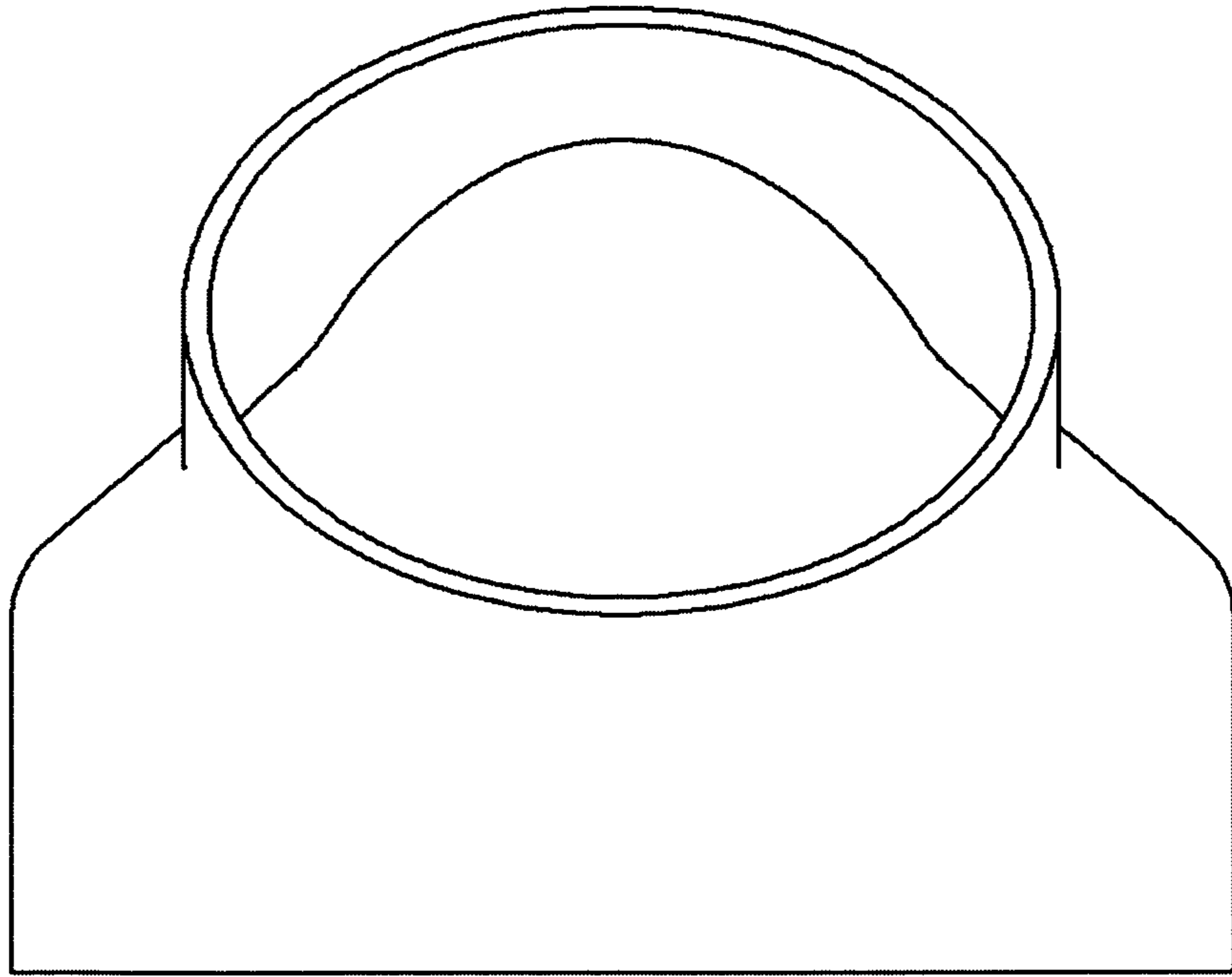


FIG. 4

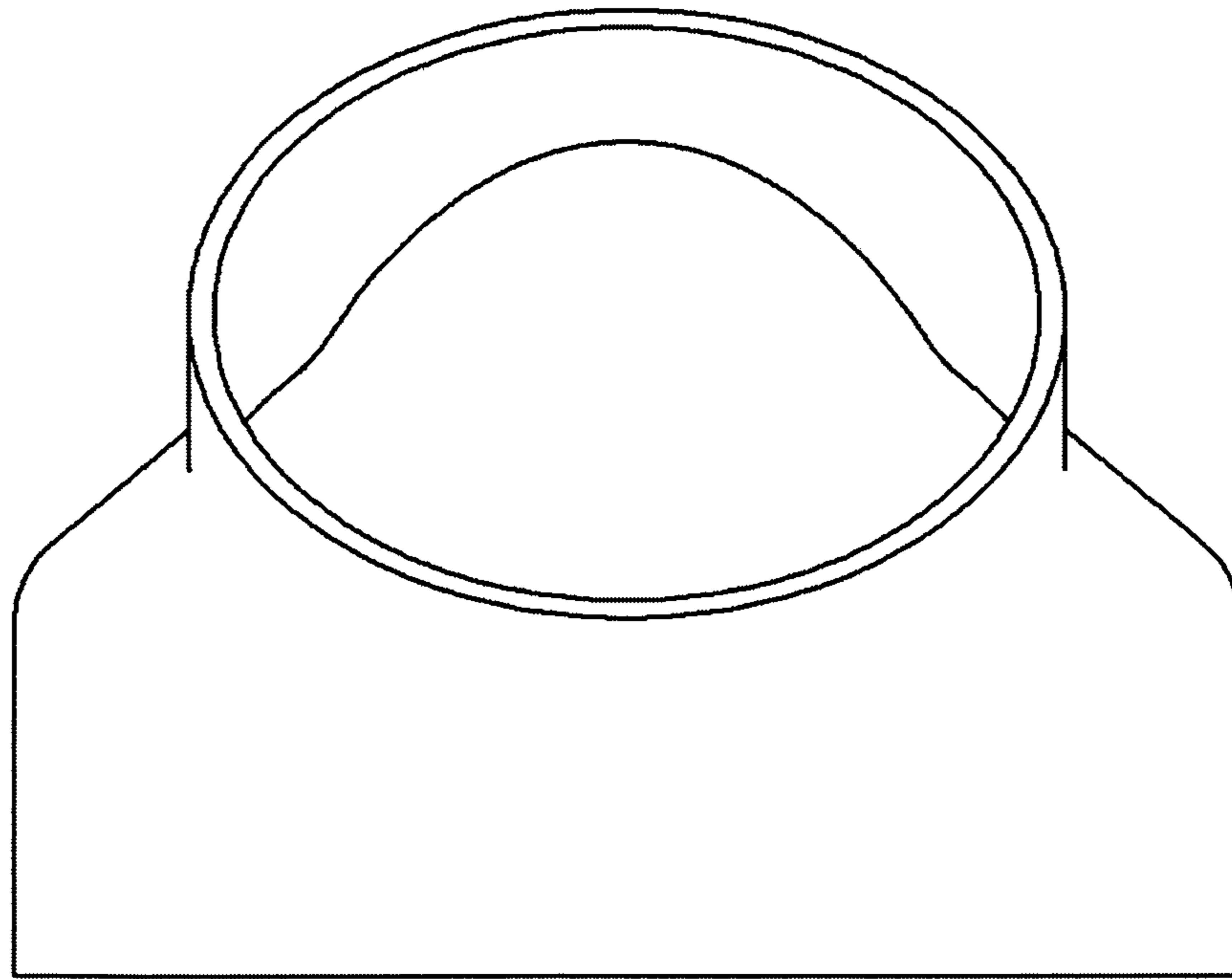


FIG. 5

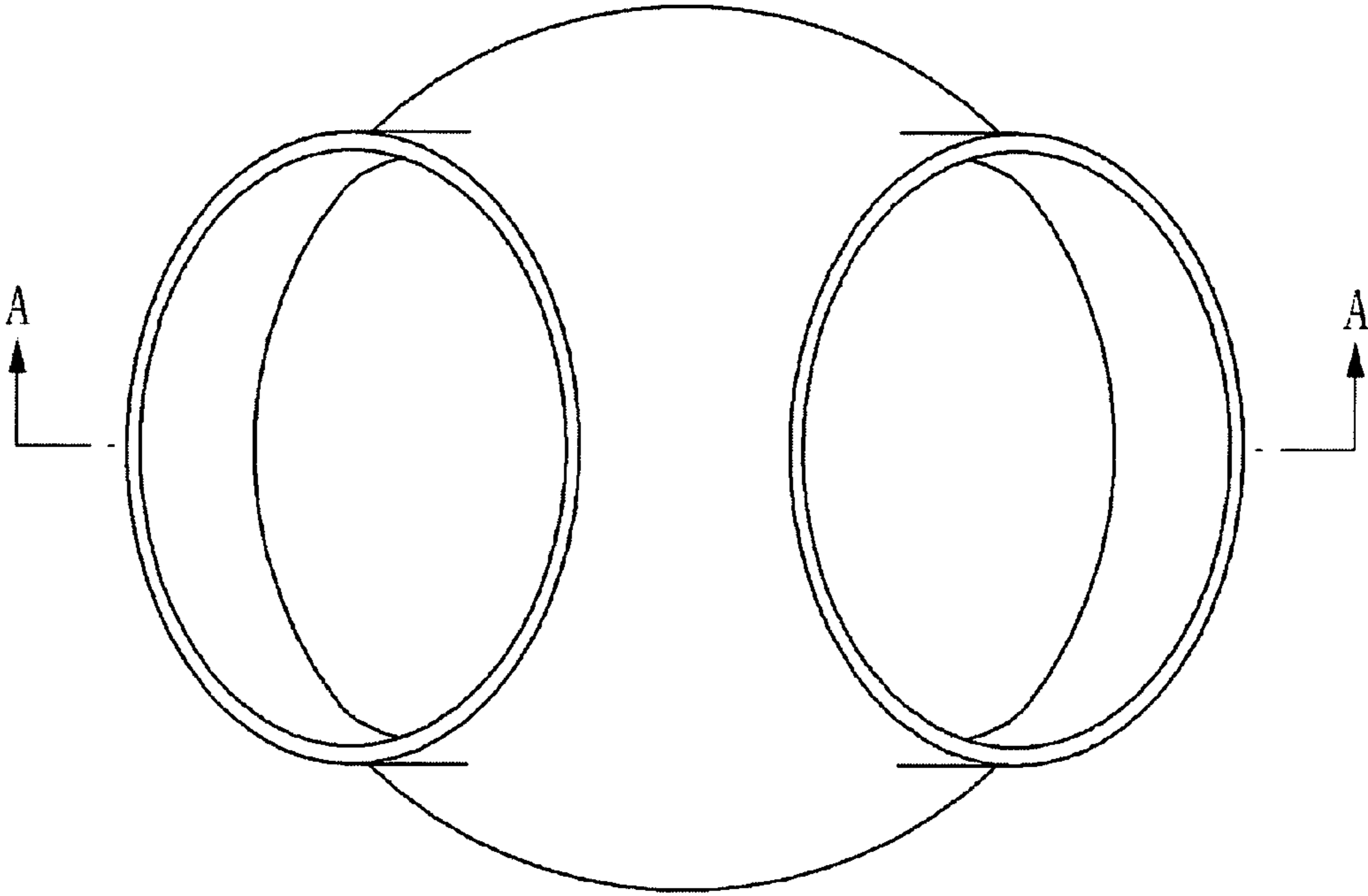


FIG. 6

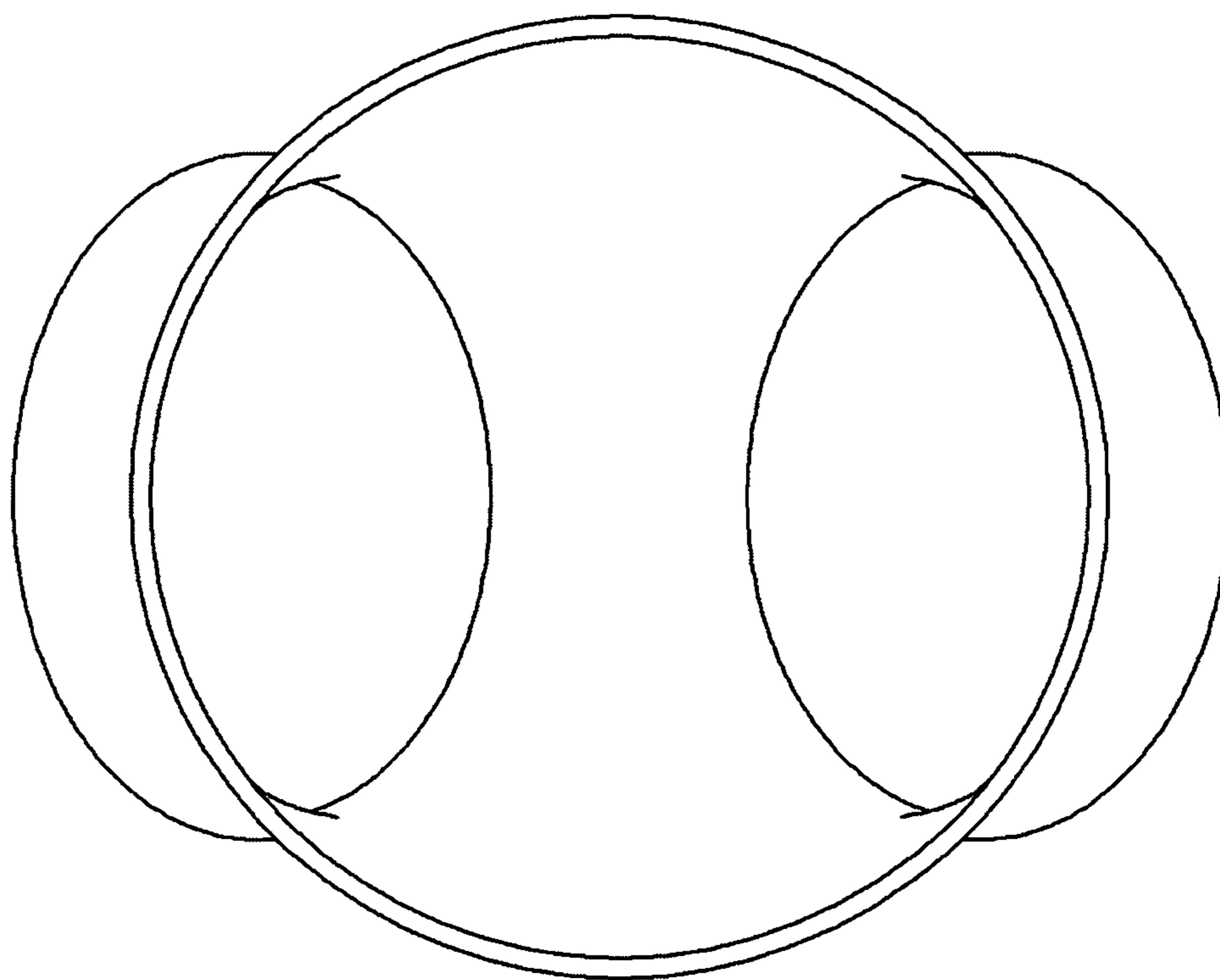


FIG. 7



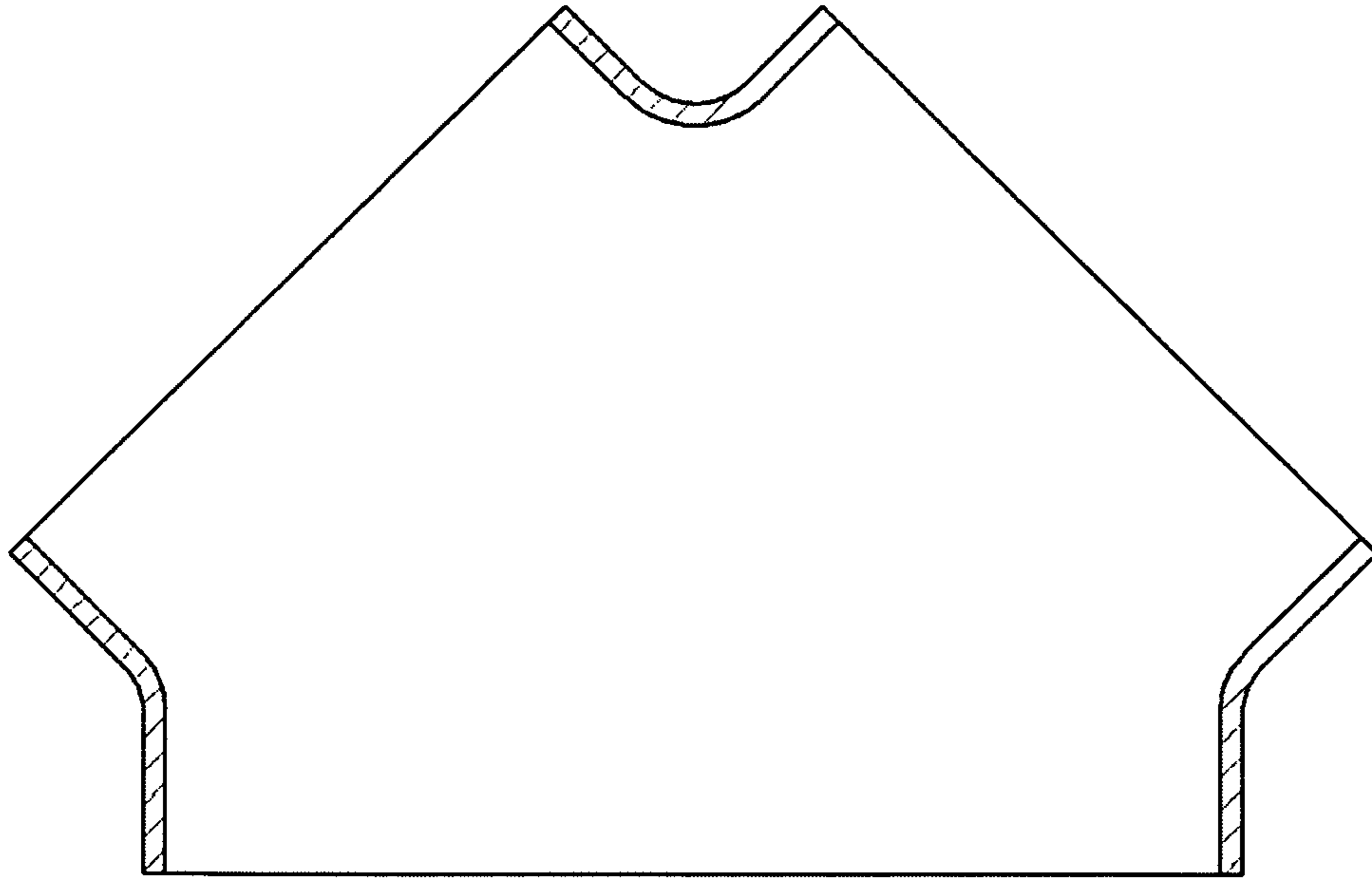


FIG. 8

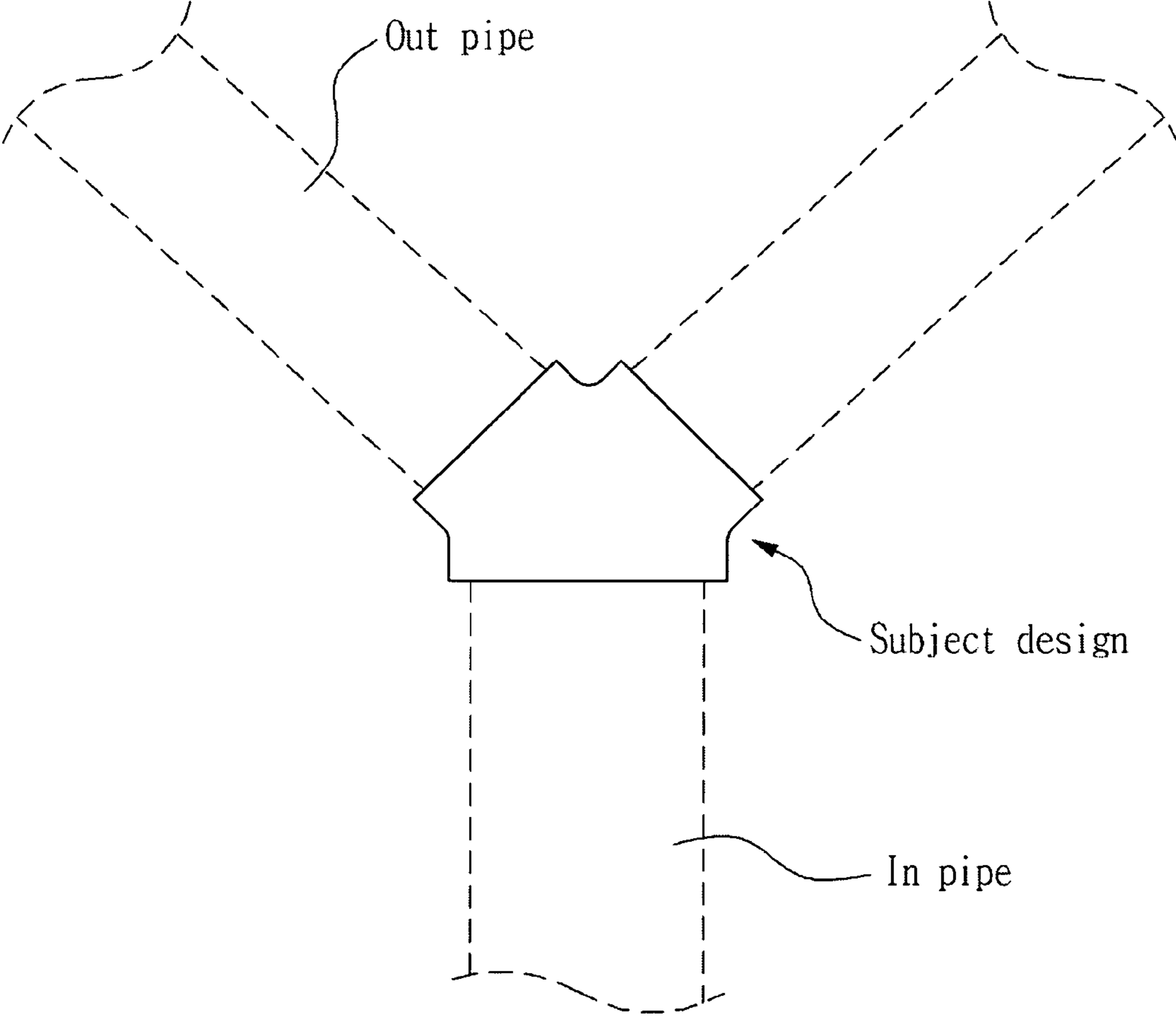


FIG. 9

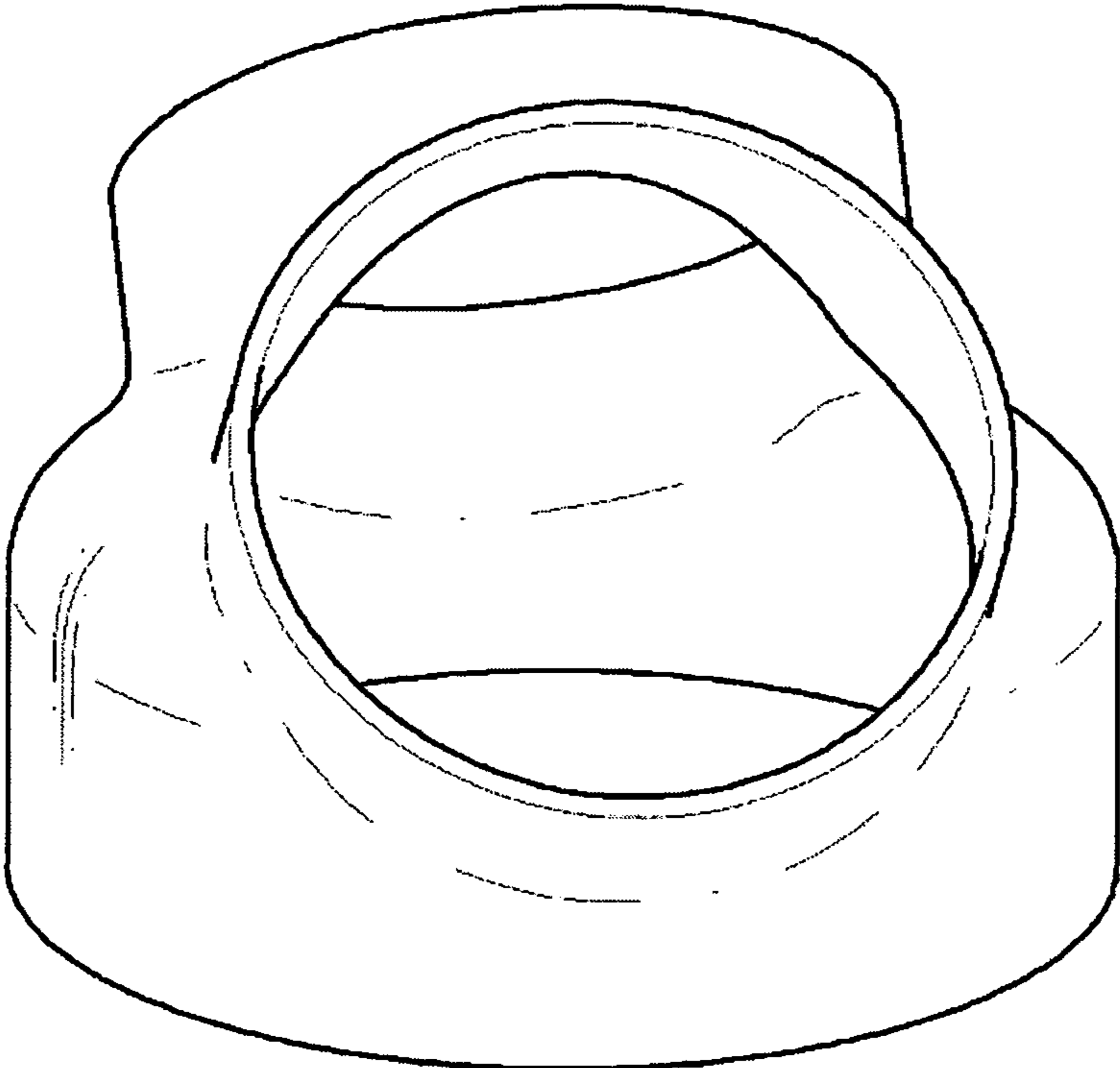


FIG. 10