

US00D514126S

(12) **United States Design Patent** (10) **Patent No.:** **US D514,126 S**
Tansley et al. (45) **Date of Patent:** **** Jan. 31, 2006**

(54) **IMPELLER**(75) Inventors: **Geoffrey D. Tansley**, Mt. Colah (AU);
Mark A. Von Huben, Waverton (AU)(73) Assignee: **Ventracor Limited** (AU)(**) Term: **14 Years**(21) Appl. No.: **29/212,966**(22) Filed: **Sep. 10, 2004**(30) **Foreign Application Priority Data**

Mar. 10, 2004 (AU) 939/2004

(51) **LOC (8) Cl.** **15-02**(52) **U.S. Cl.** **D15/7**(58) **Field of Classification Search** D15/7;
415/104, 107; 416/186 A, 183, 193 R, 203
See application file for complete search history.(56) **References Cited****U.S. PATENT DOCUMENTS**

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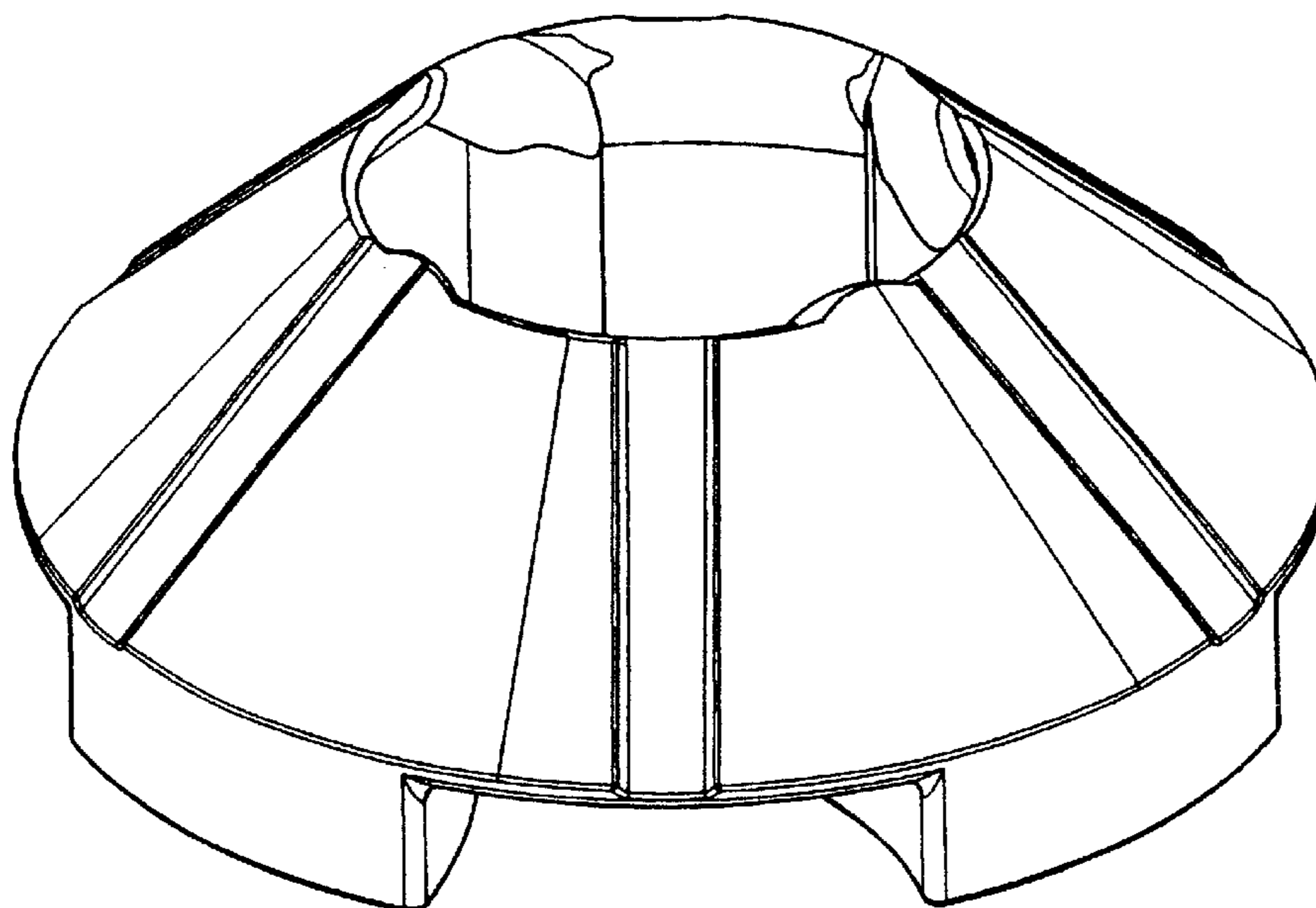
* cited by examiner

Primary Examiner—Robin V. Taylor(74) *Attorney, Agent, or Firm*—Stetina Brunda Garred &
Brucker(57) **CLAIM**

The ornamental design for an impeller, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of the impeller of this invention; FIG. 2 is a top plan view of the impeller of FIG. 1; FIG. 3, is a front view of the impeller of FIG. 1, with the back view being the same; FIG. 4 is a left side view of the impeller of FIG. 1; FIG. 5 is a right side view of the impeller of FIG. 1; FIG. 6 is a sectional view of the impeller of FIG. 1 taken along section 6—6 of FIG. 2; FIG. 7 is a sectional view of the impeller of FIG. 1 taken along section 7—7 of FIG. 2; FIG. 8 is a sectional view of the impeller of FIG. 1 taken along section 8—8 of FIG. 2; FIG. 9 is a sectional view of the impeller of FIG. 1 taken along section 9—9 of FIG. 2; FIG. 10 is a sectional view of the impeller of FIG. 1 taken along section 10—10 of FIG. 2; FIG. 11 is a sectional view of the impeller of FIG. 1 taken along section 11—11 of FIG. 2; FIG. 12 is a sectional view of the impeller of FIG. 1 taken along section 12—12 of FIG. 2; FIG. 13 is a sectional view of the impeller of FIG. 1 taken along section 13—13 of FIG. 2; FIG. 14 is a sectional view of the impeller of FIG. 1 taken along section 14—14 of FIG. 2; FIG. 15 is a perspective view of a cross-section of the impeller of this invention taken along section 10—10 of FIG. 2; and, FIG. 16 is a bottom plan view of the impeller of FIG. 1. The cross-sectional views in FIGS. 6—15 are taken at ten degree intervals, with the impeller being symmetric.

1 Claim, 10 Drawing Sheets

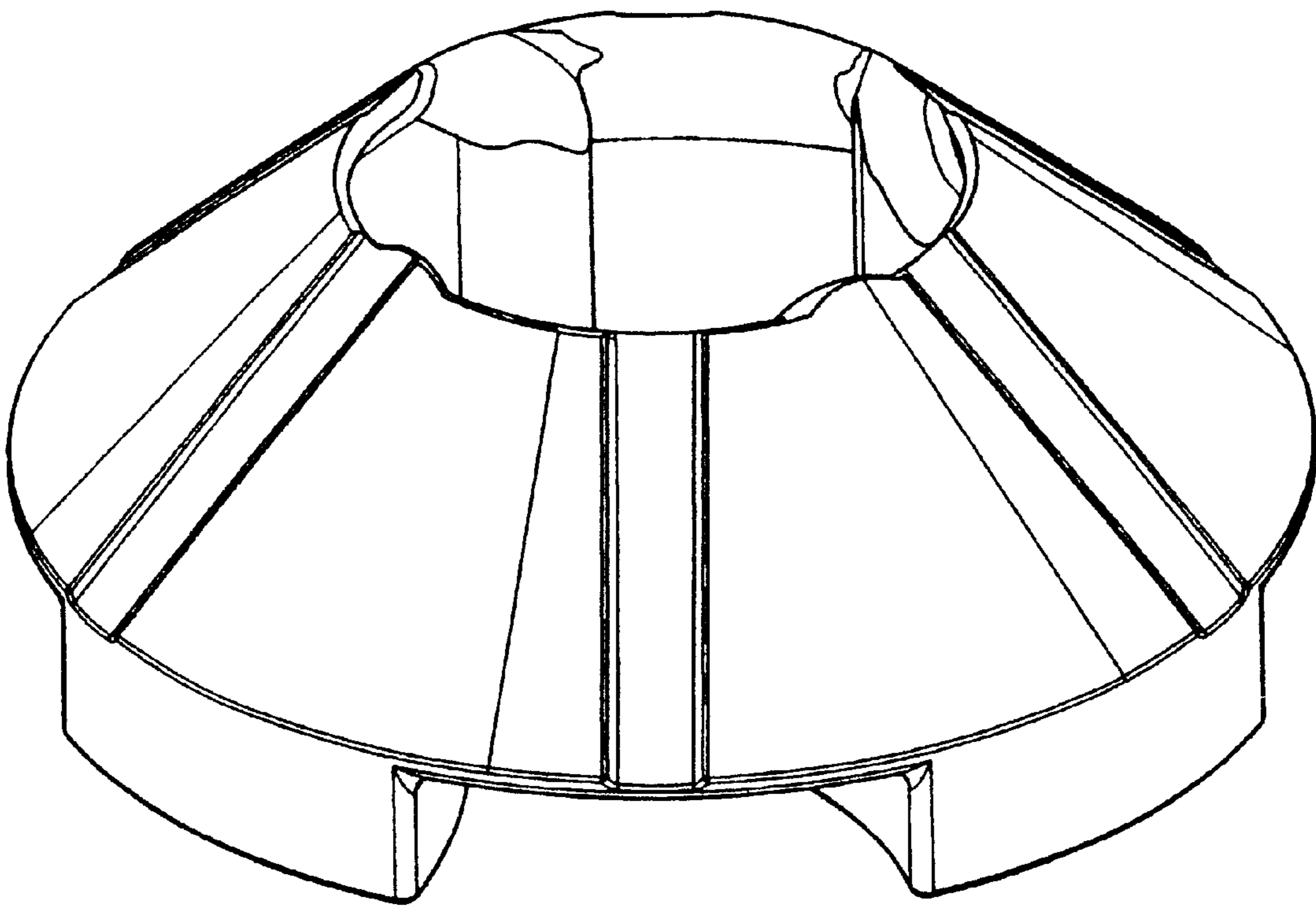
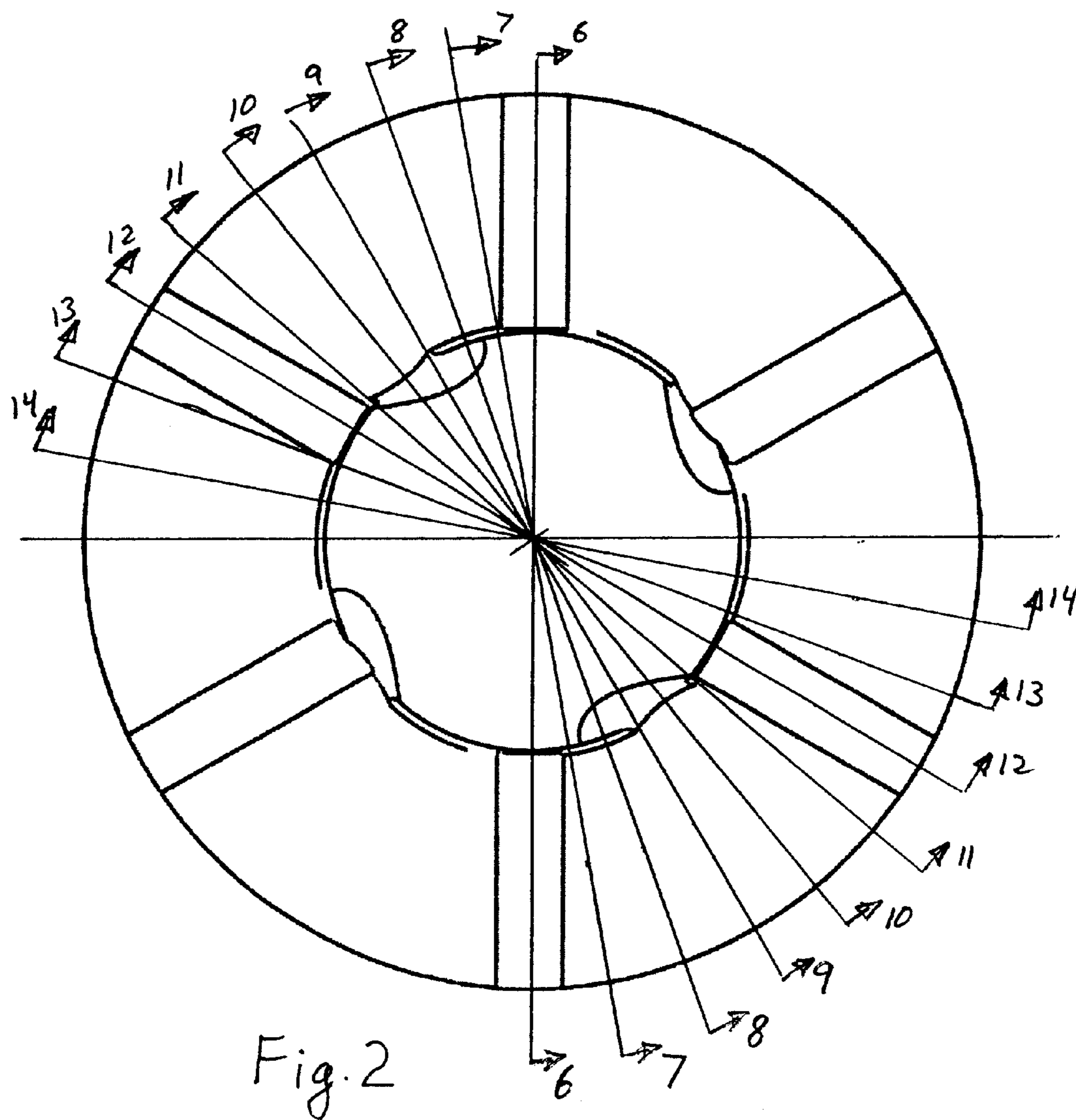


Fig. 1



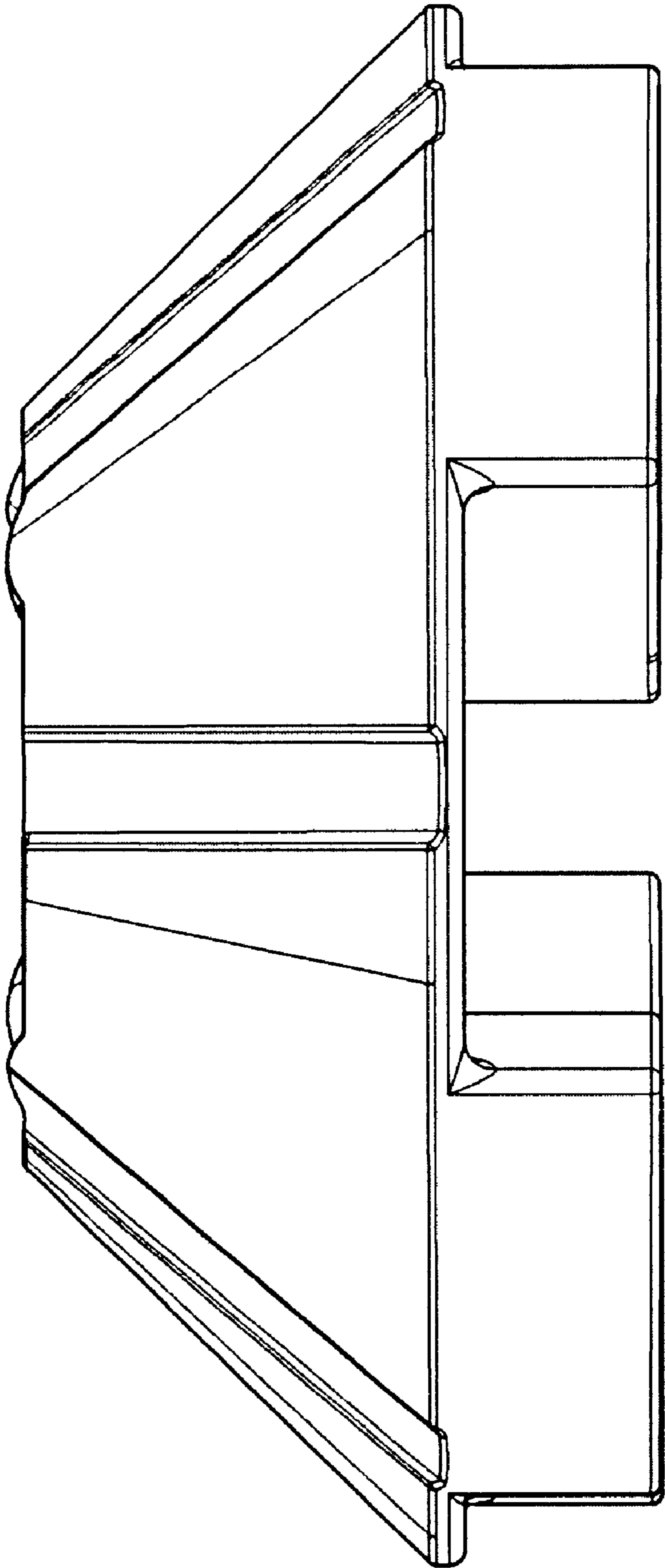


Fig. 3

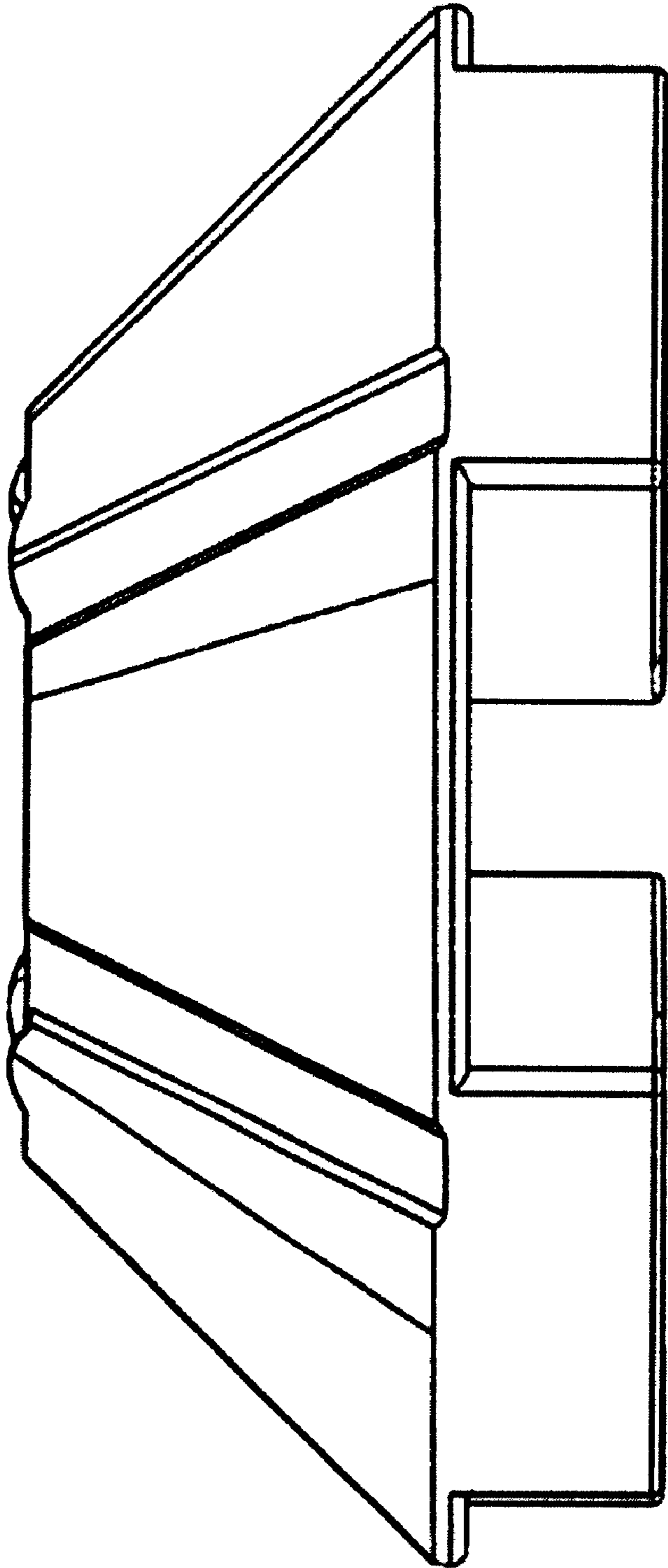


Fig. 4

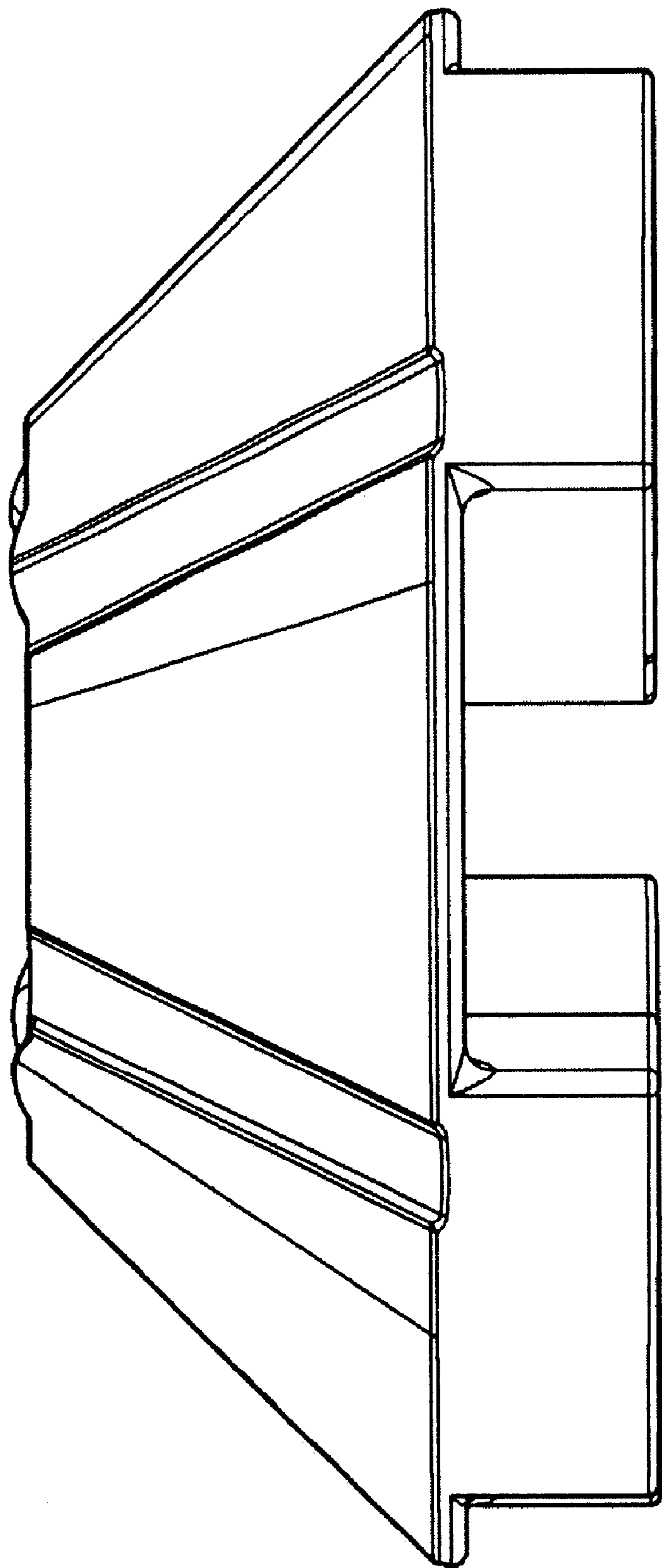


Fig. 5

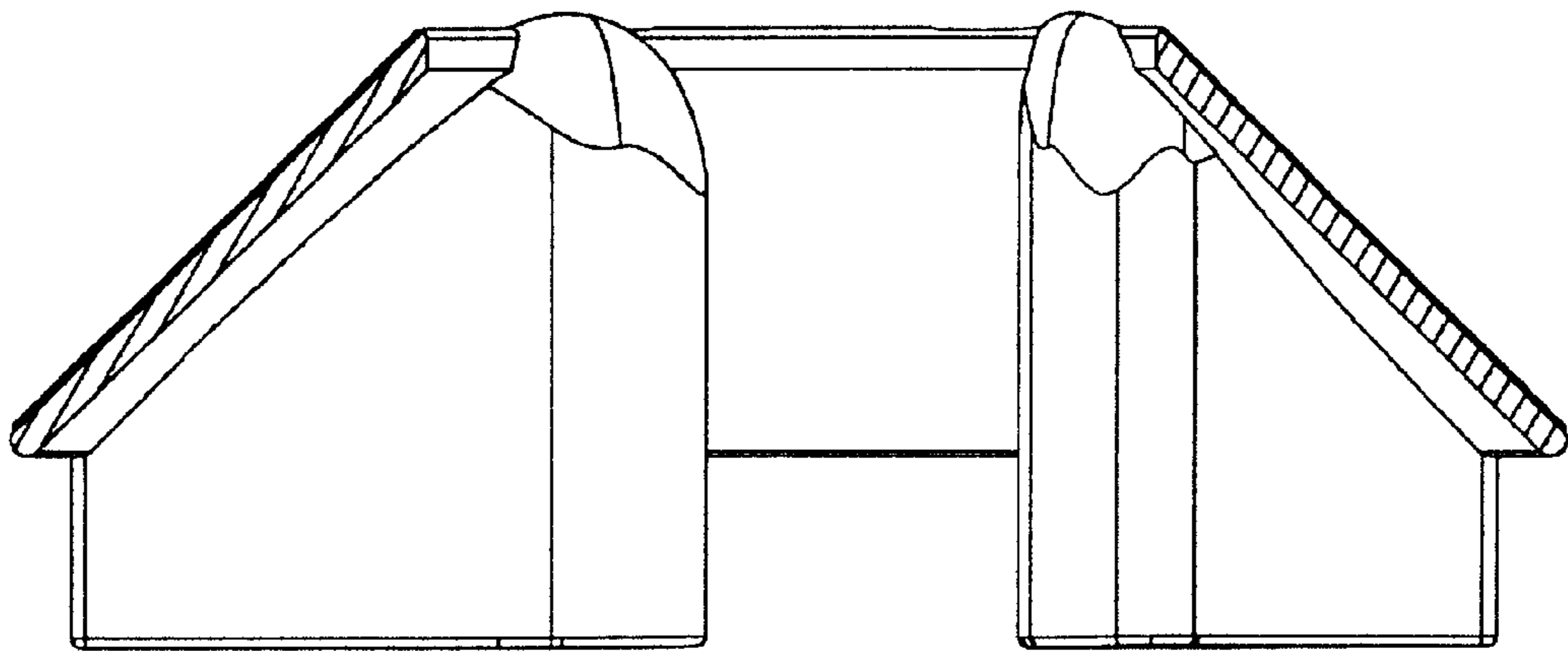


Fig. 6

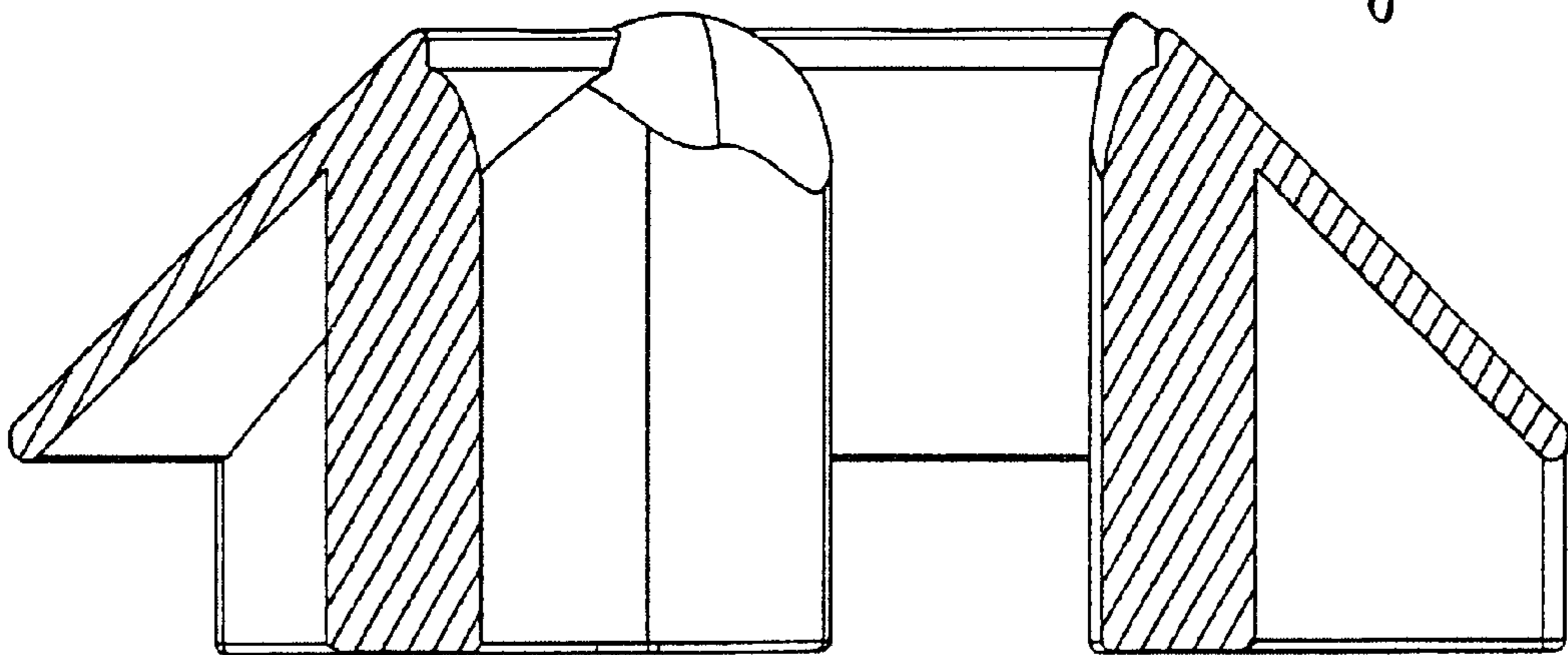


Fig. 7

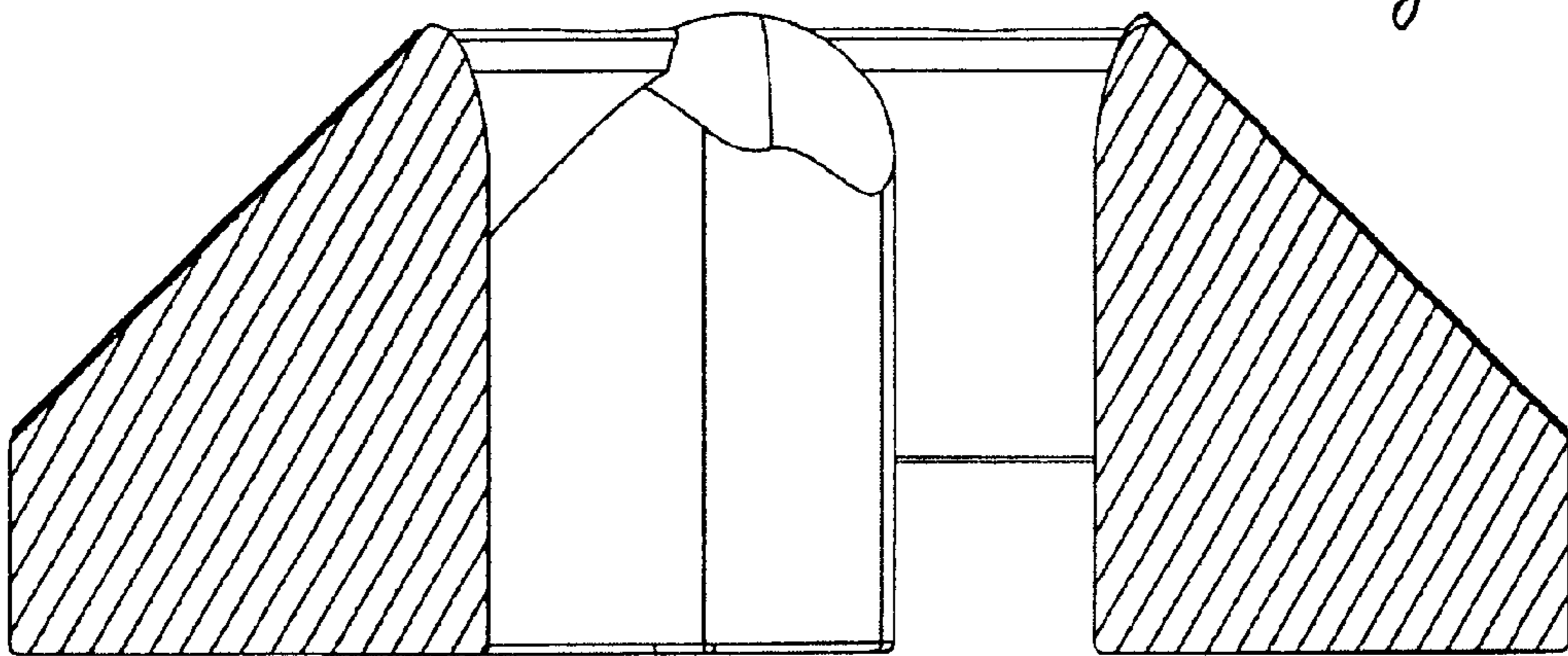


Fig. 8

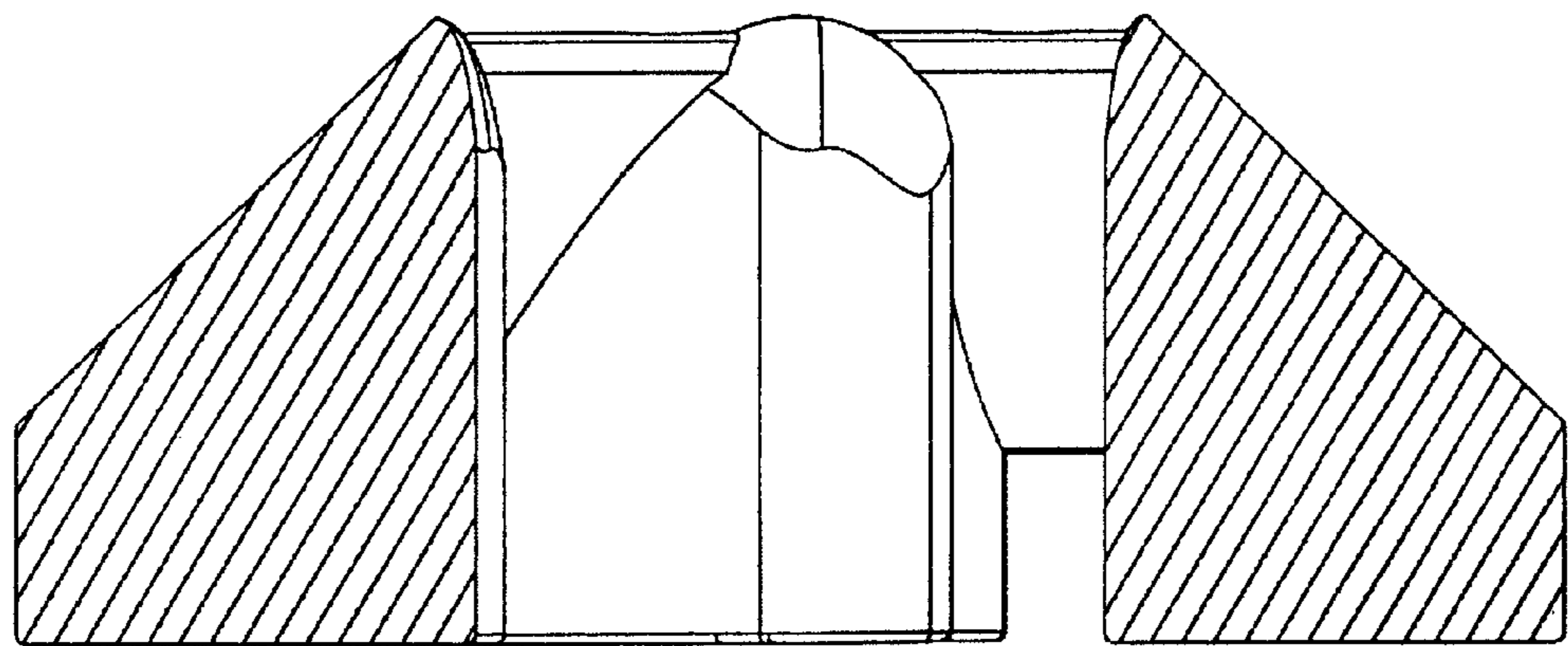


Fig. 9

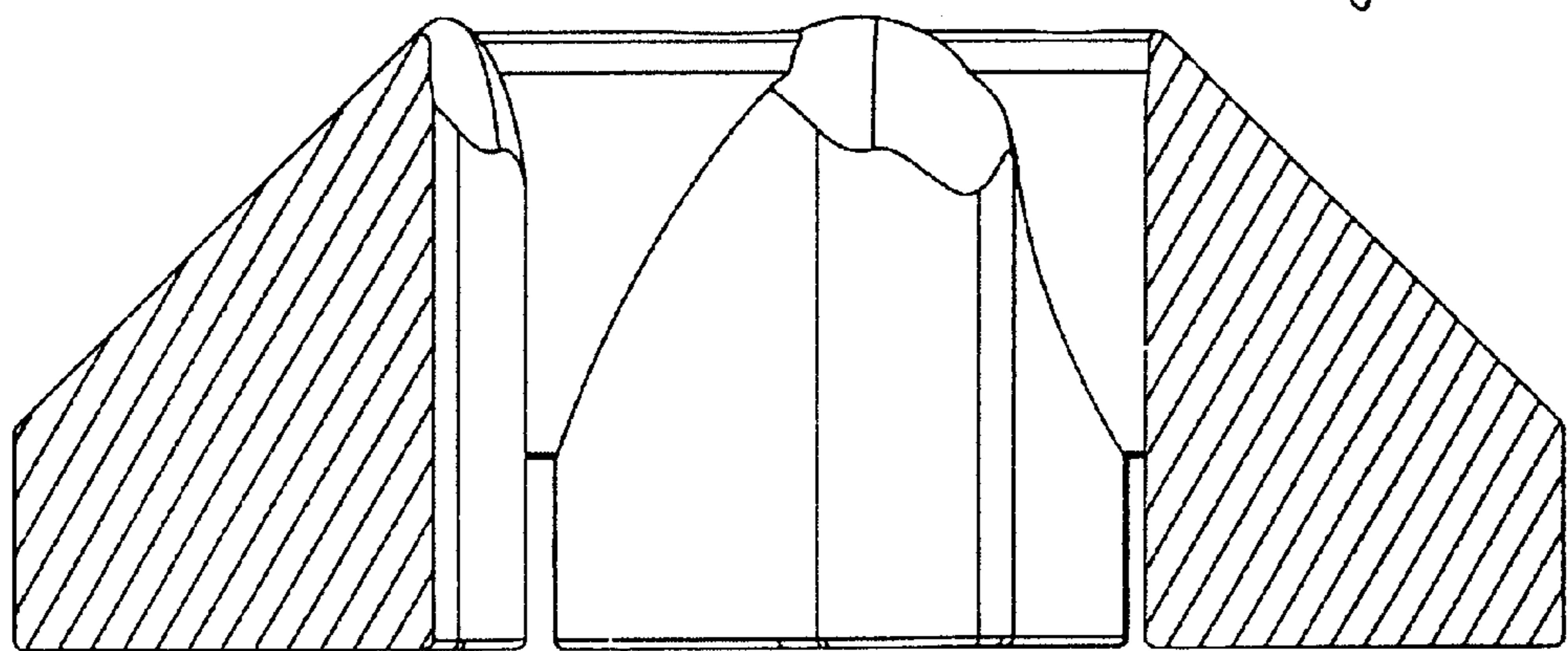


Fig. 10

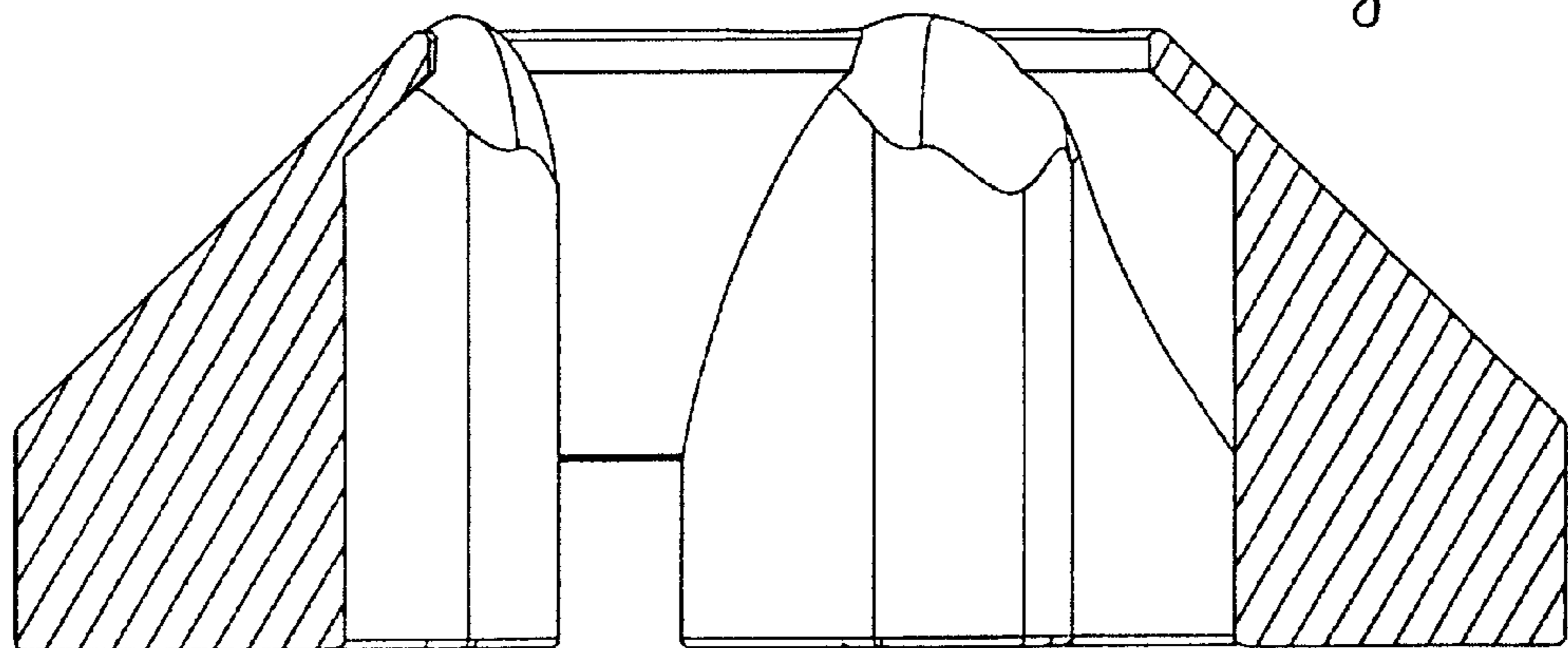


Fig. 11

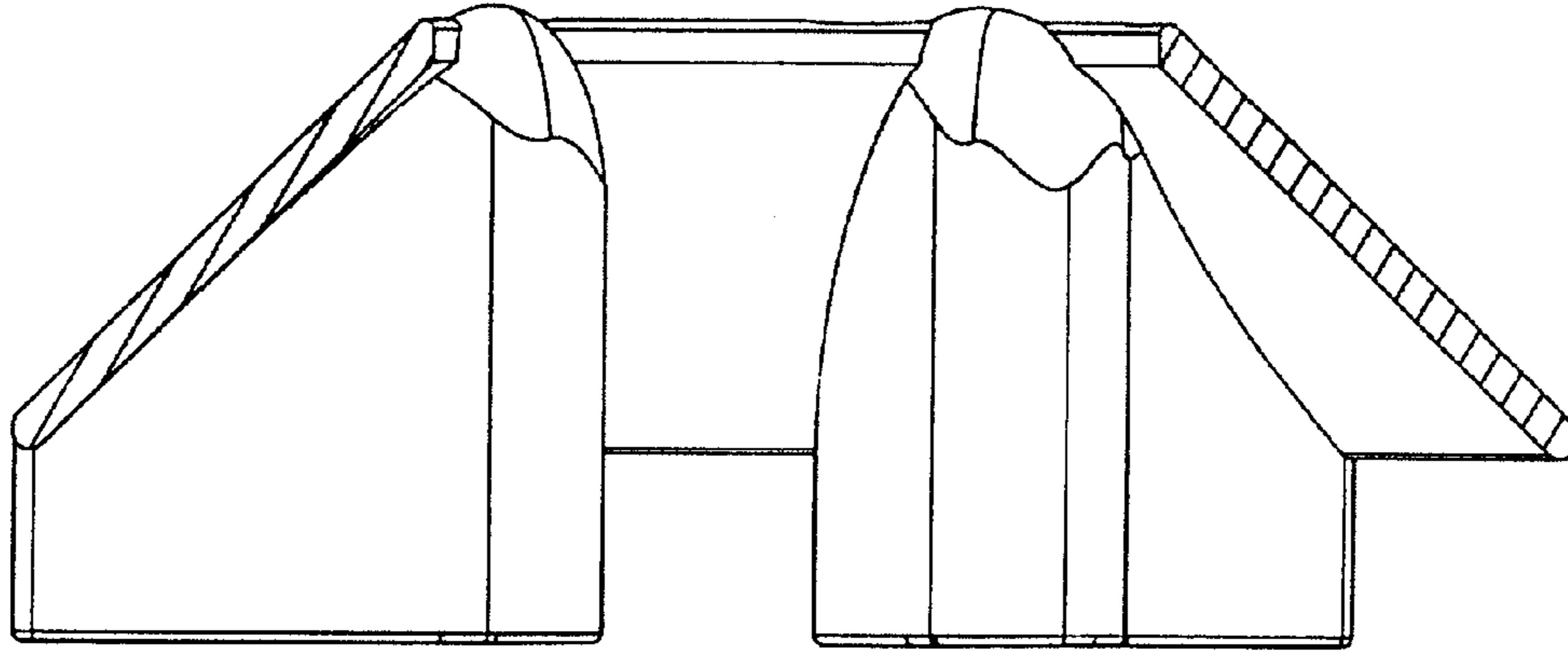


Fig. 12

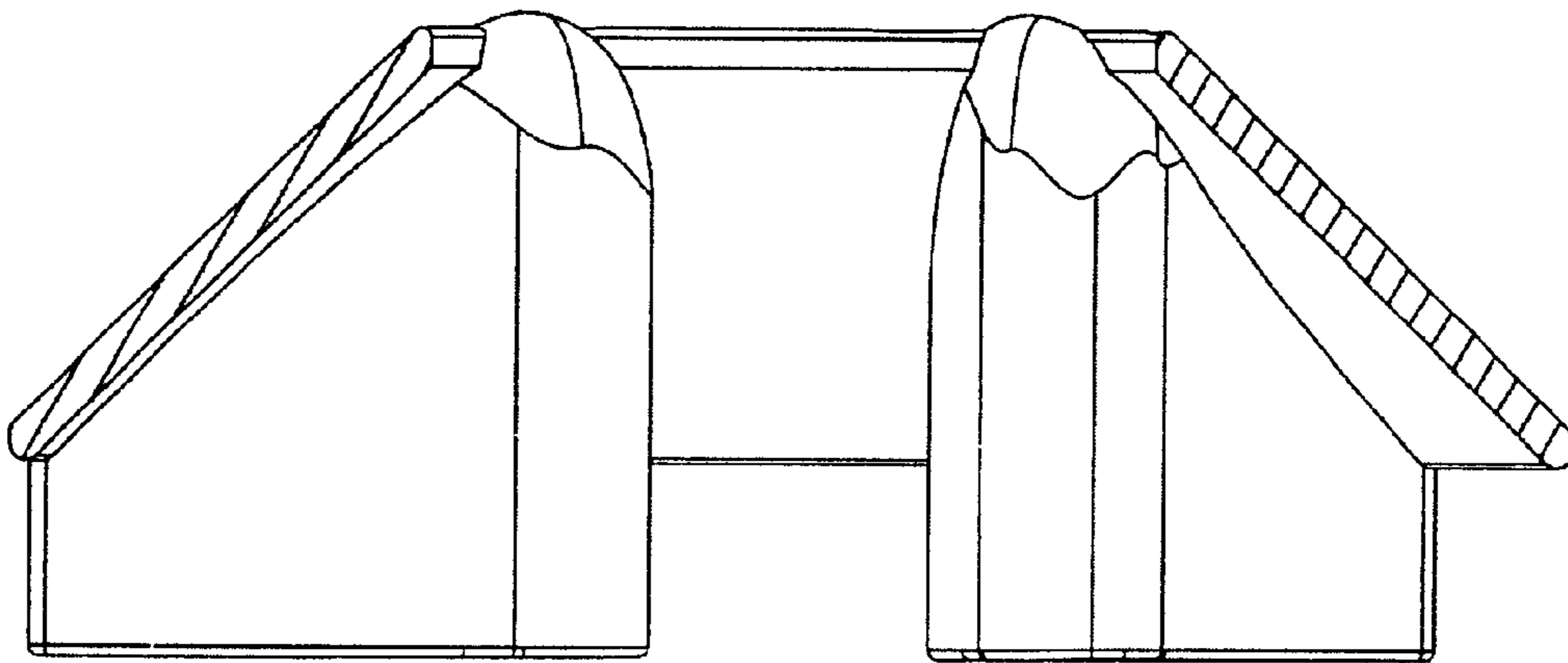


Fig. 13

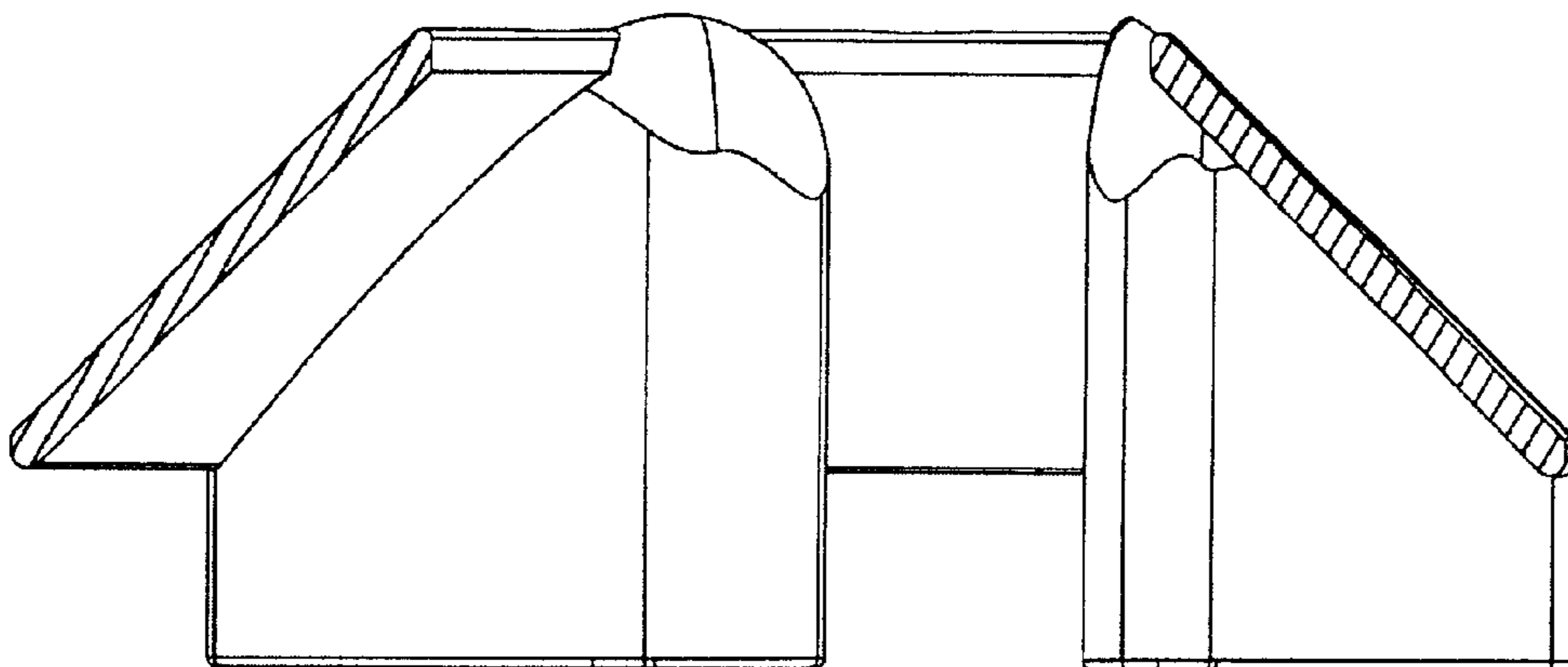


Fig. 14

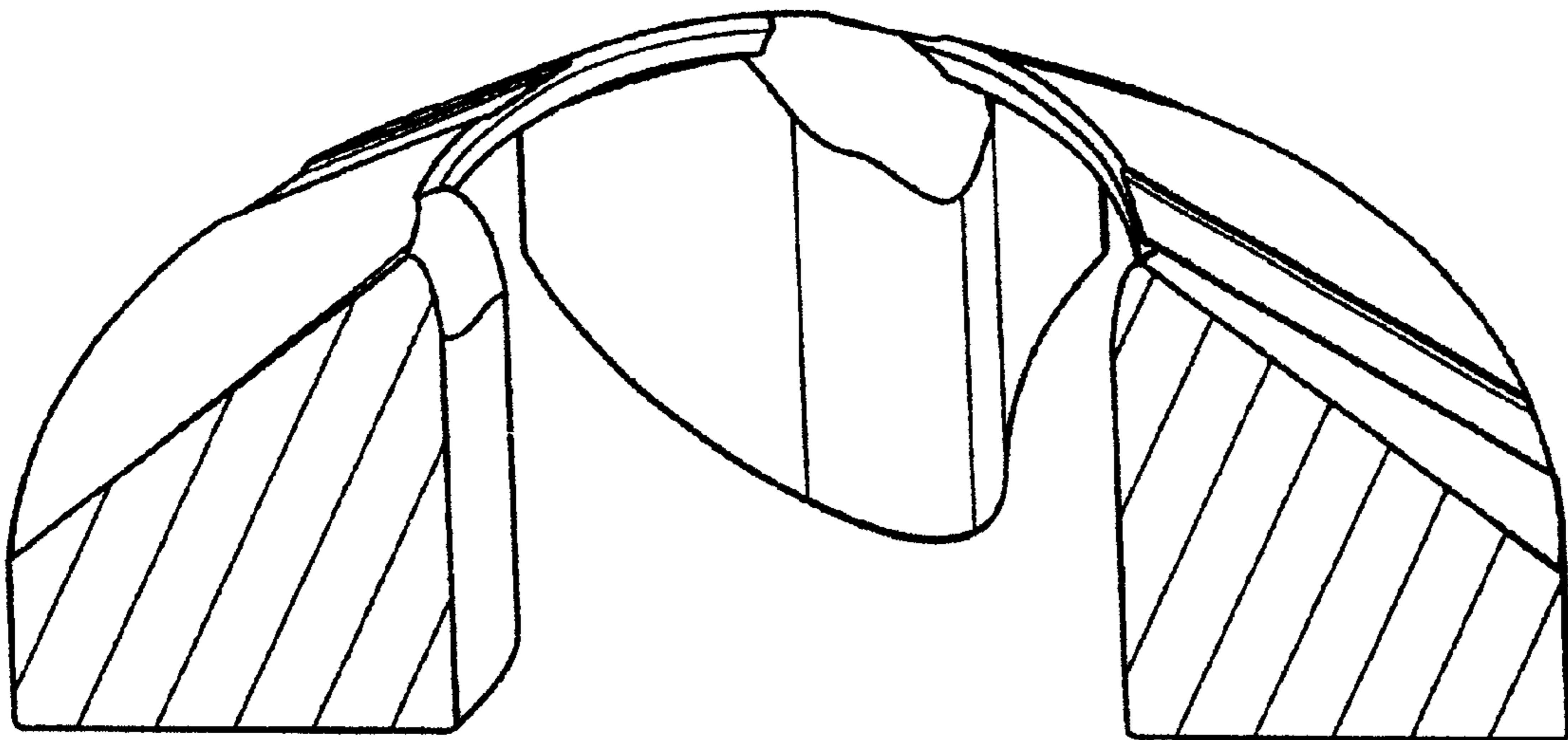


Fig. 15

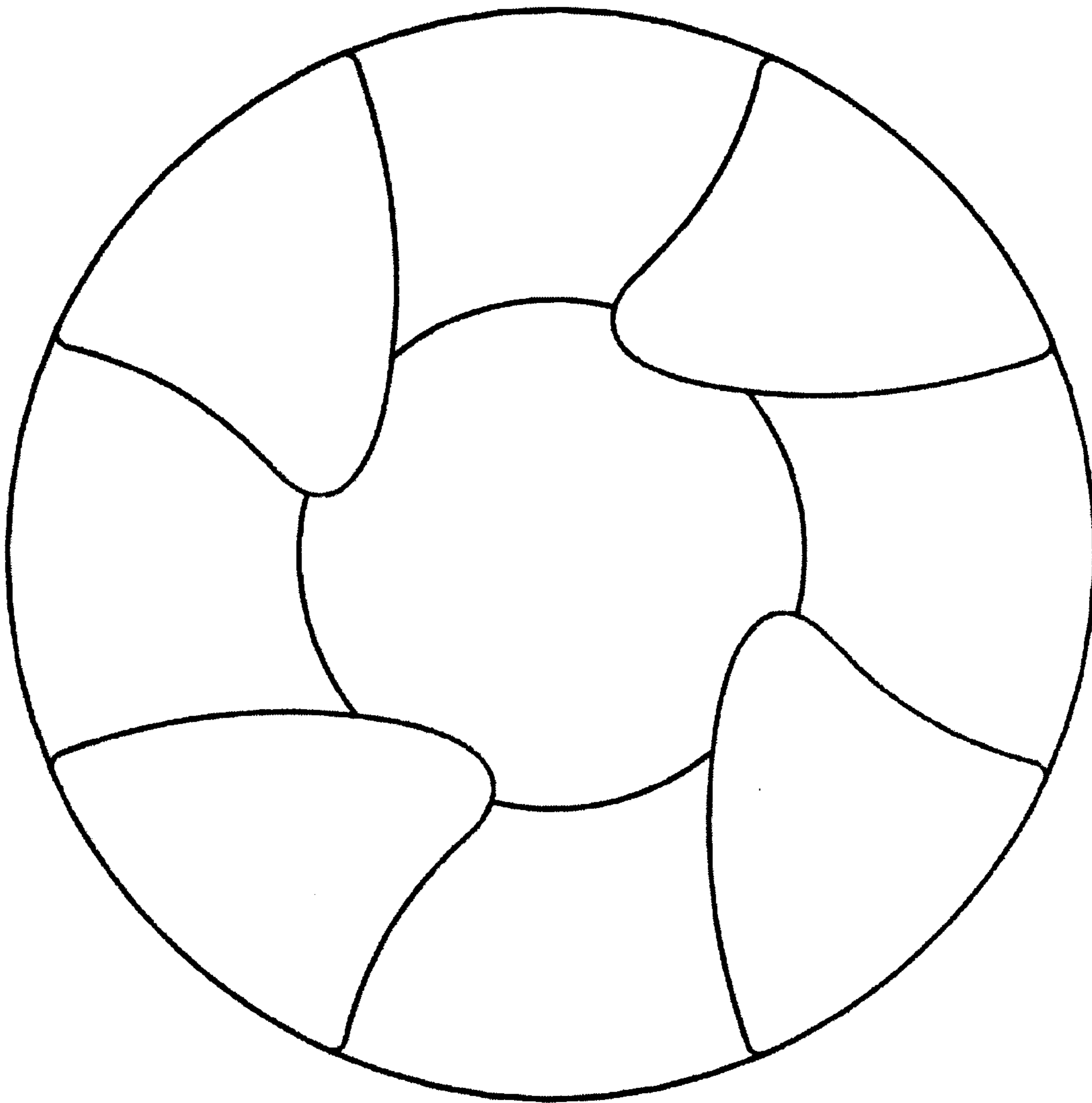


Fig. 16