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

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(45) **Date of Patent:** **\*\* Jun. 11, 2002**

(54) **GROUND-ENGAGING TOOL FOR AN EXCAVATION BUCKET**

5,392,870 A \* 2/1995 Clapham et al.

**OTHER PUBLICATIONS**

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Manufacturing Processes by Roberts and Lapidge, p. 1 and 2 (1977).\*

\* cited by examiner

(73) Assignee: **Caterpillar SARL**, Geneva (CH)

*Primary Examiner*—Mitchell Siegel

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

(74) *Attorney, Agent, or Firm*—Kilpatrick Stockton LLP

(21) Appl. No.: **29/124,924**

(57) **CLAIM**

(22) Filed: **Jun. 14, 2000**

The design for a ground-engaging tool for an excavation bucket, as shown and described.

(51) **LOC (7) Cl.** ..... **15-03**

**DESCRIPTION**

(52) **U.S. Cl.** ..... **D15/29**

(58) **Field of Search** ..... D15/28, 29; 37/460, 37/450-453, 195; 299/527.5, 530, 109; 172/713

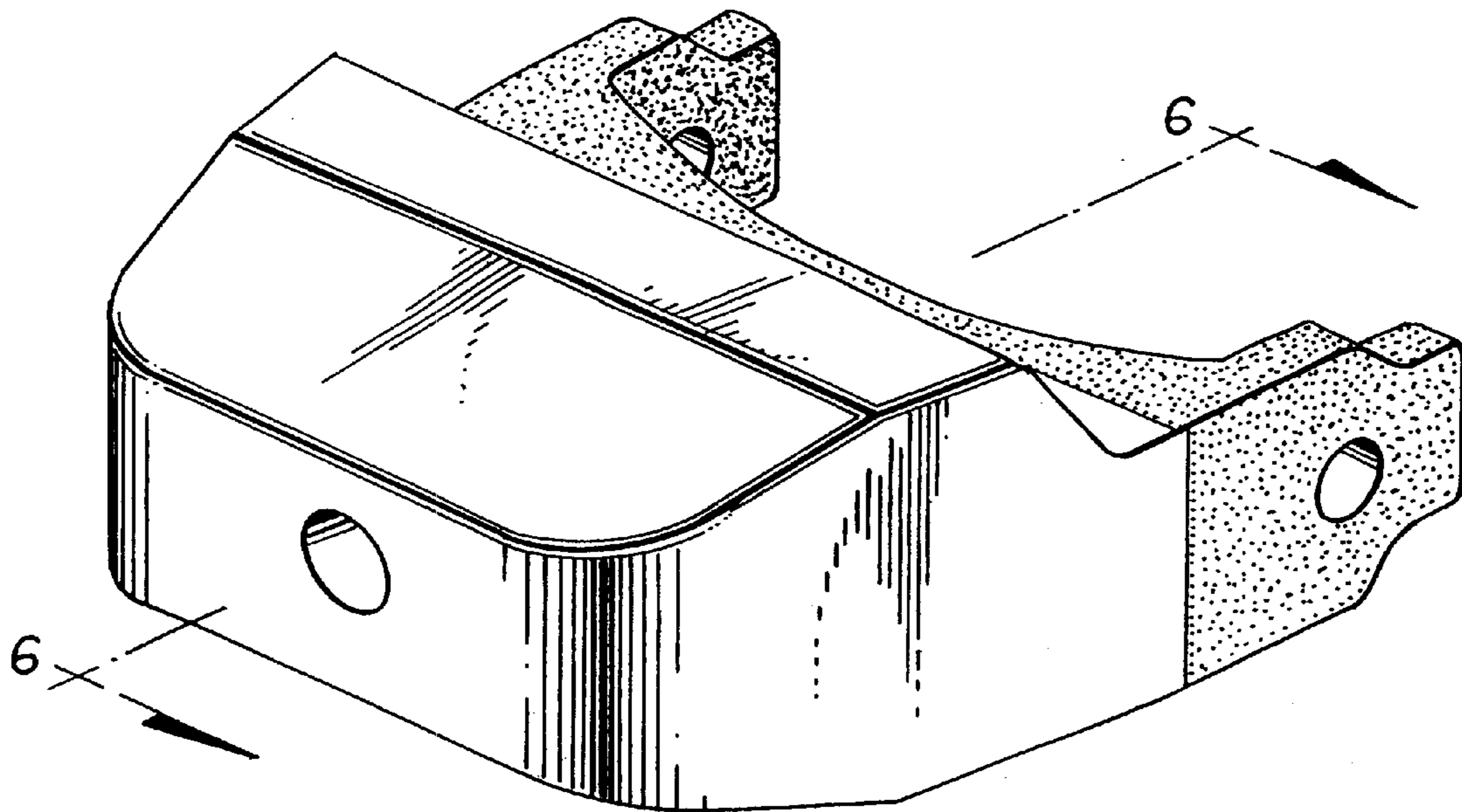
FIG. 1 is a perspective view of our new ground-engaging tool for an excavation bucket;  
FIG. 2 is a bottom view thereof;  
FIG. 3 is a top view thereof;  
FIG. 4 is a left side view thereof;  
FIG. 5 is a right side view thereof;  
FIG. 6 is a cross sectional view taken on line 6—6 of FIG. 1;  
FIG. 7 is the front view thereof; and,  
FIG. 8 is a rear view thereof.

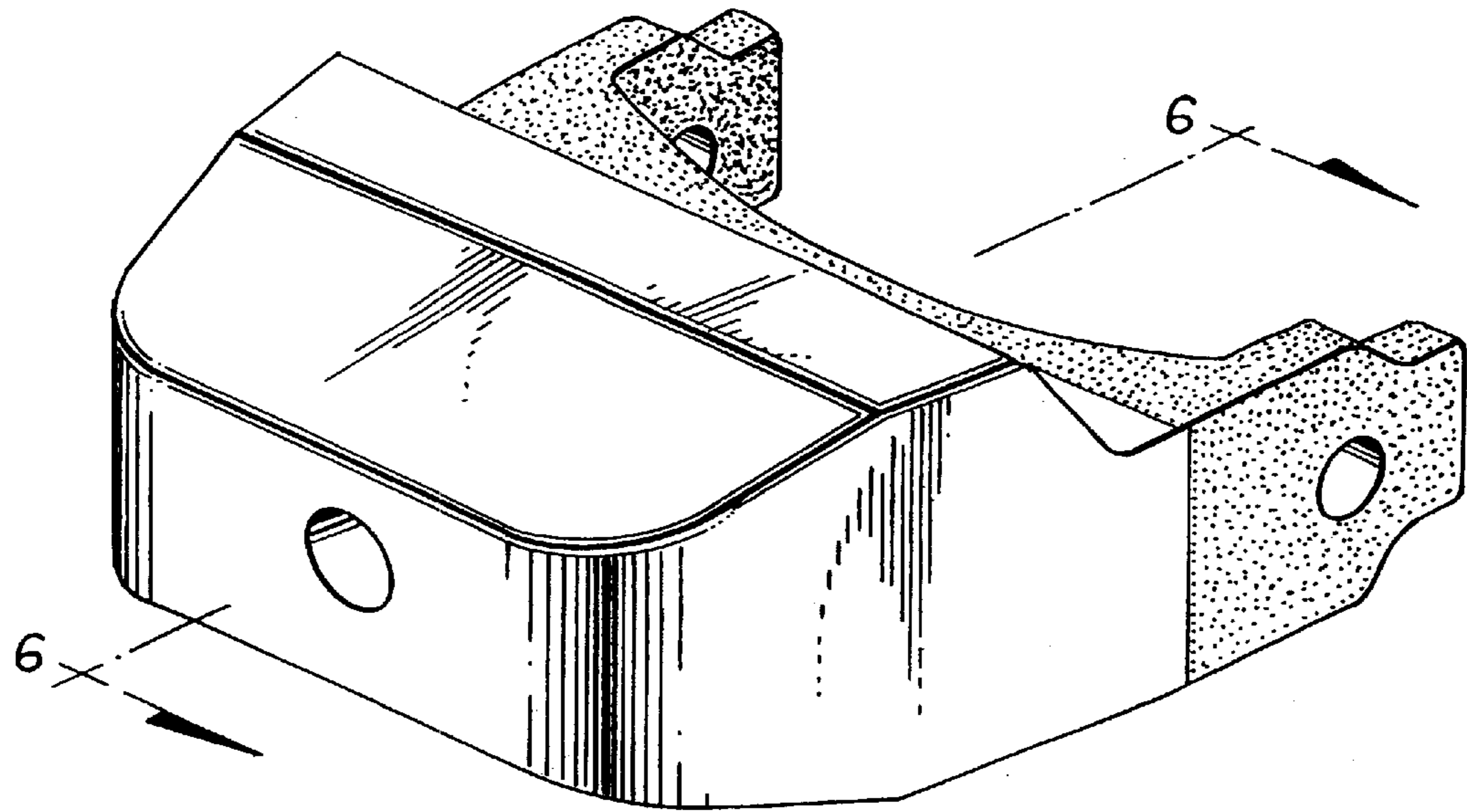
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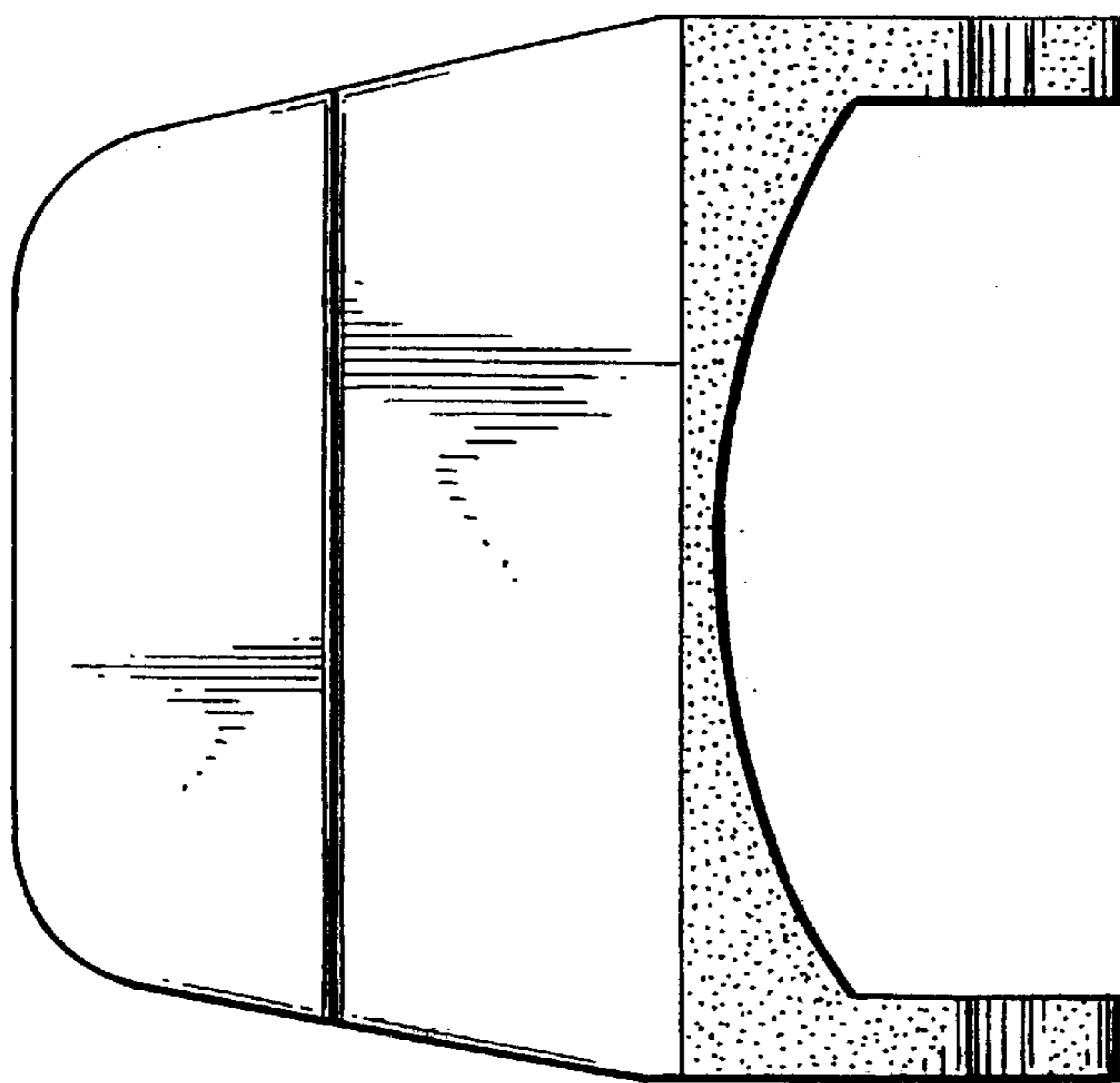
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**1 Claim, 3 Drawing Sheets**

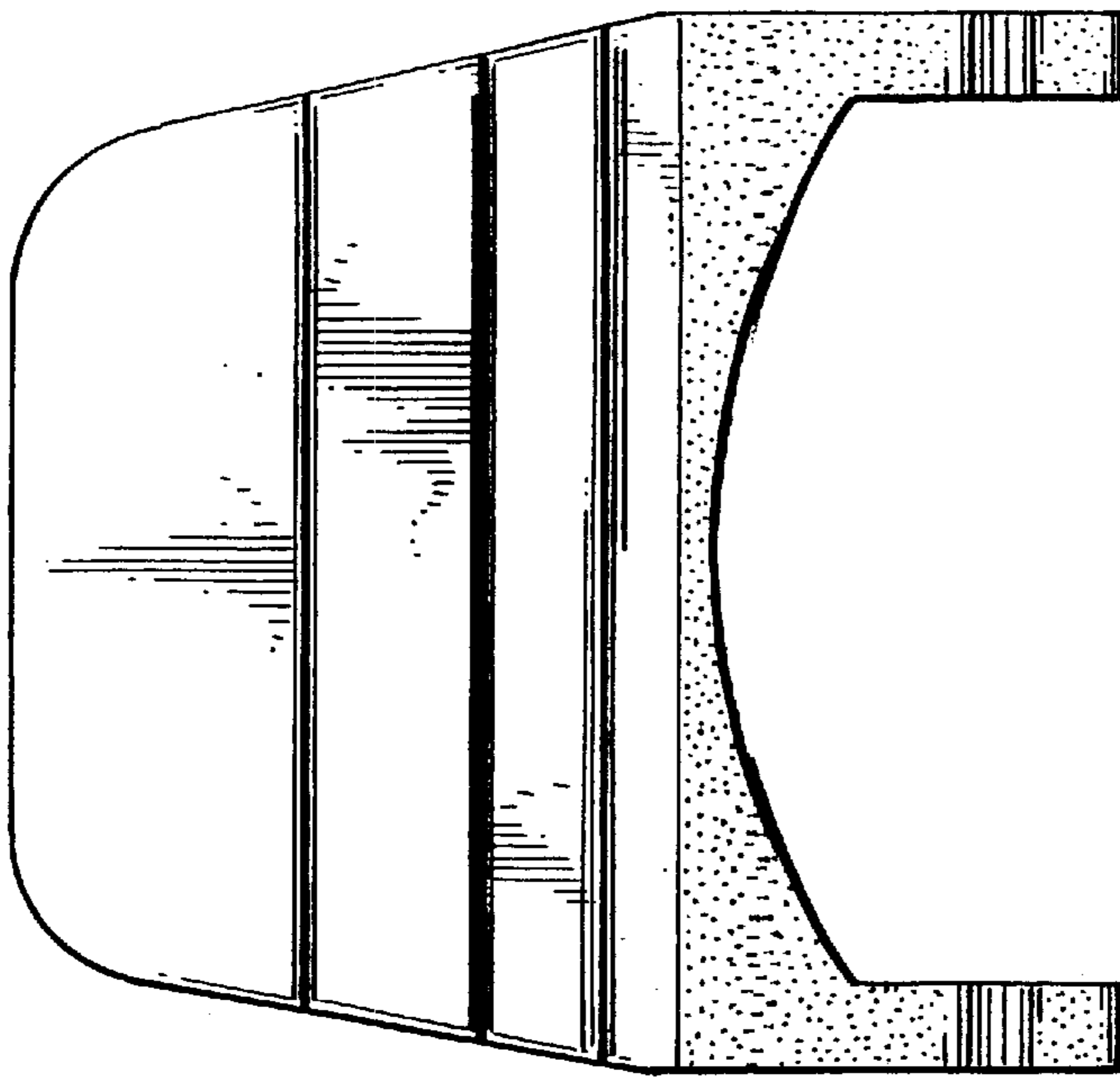




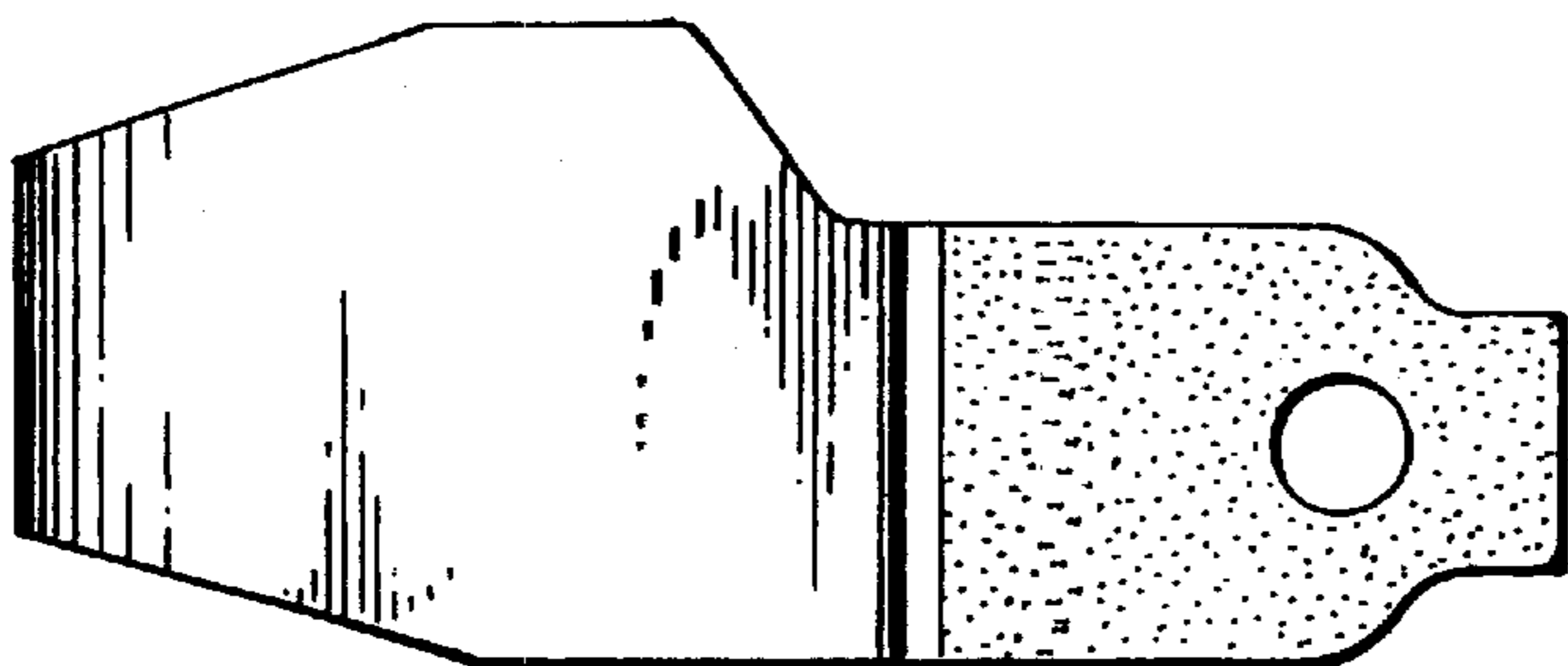
**Fig. 1**



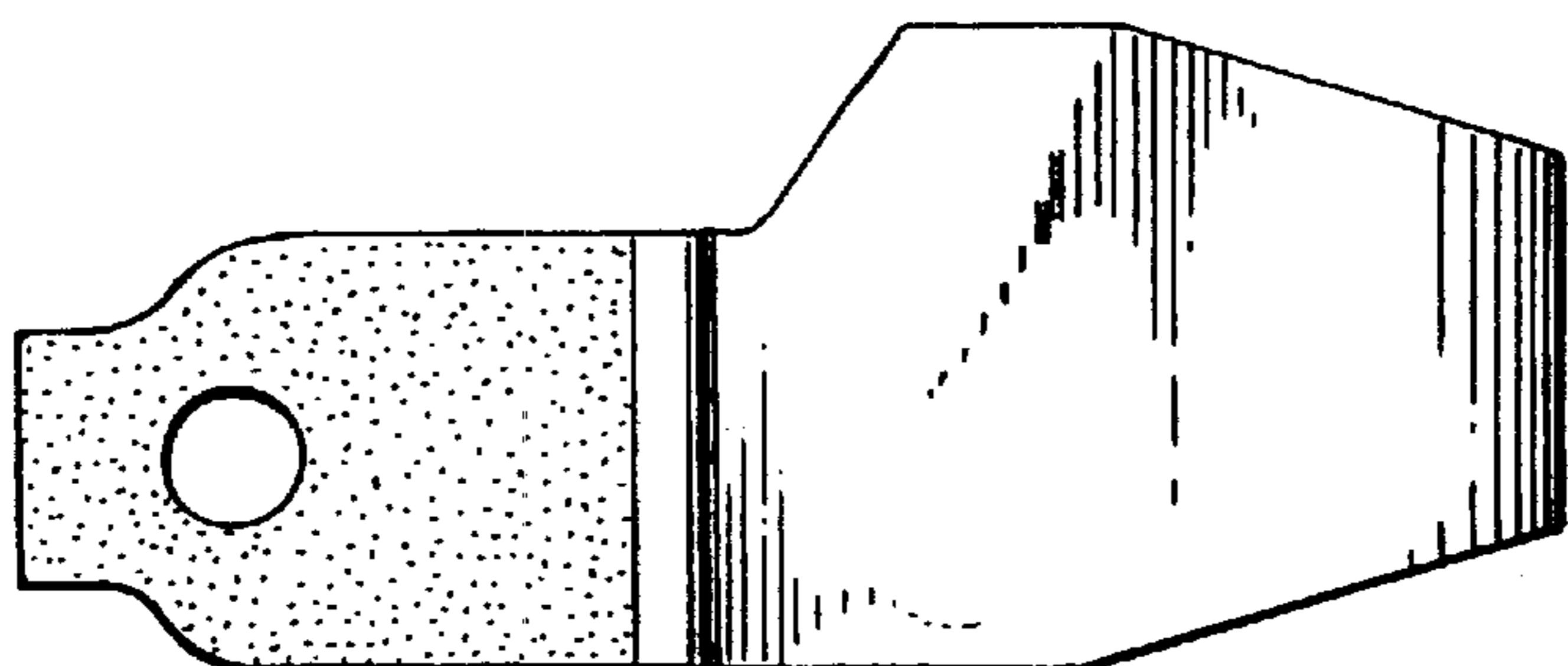
**Fig. 2**



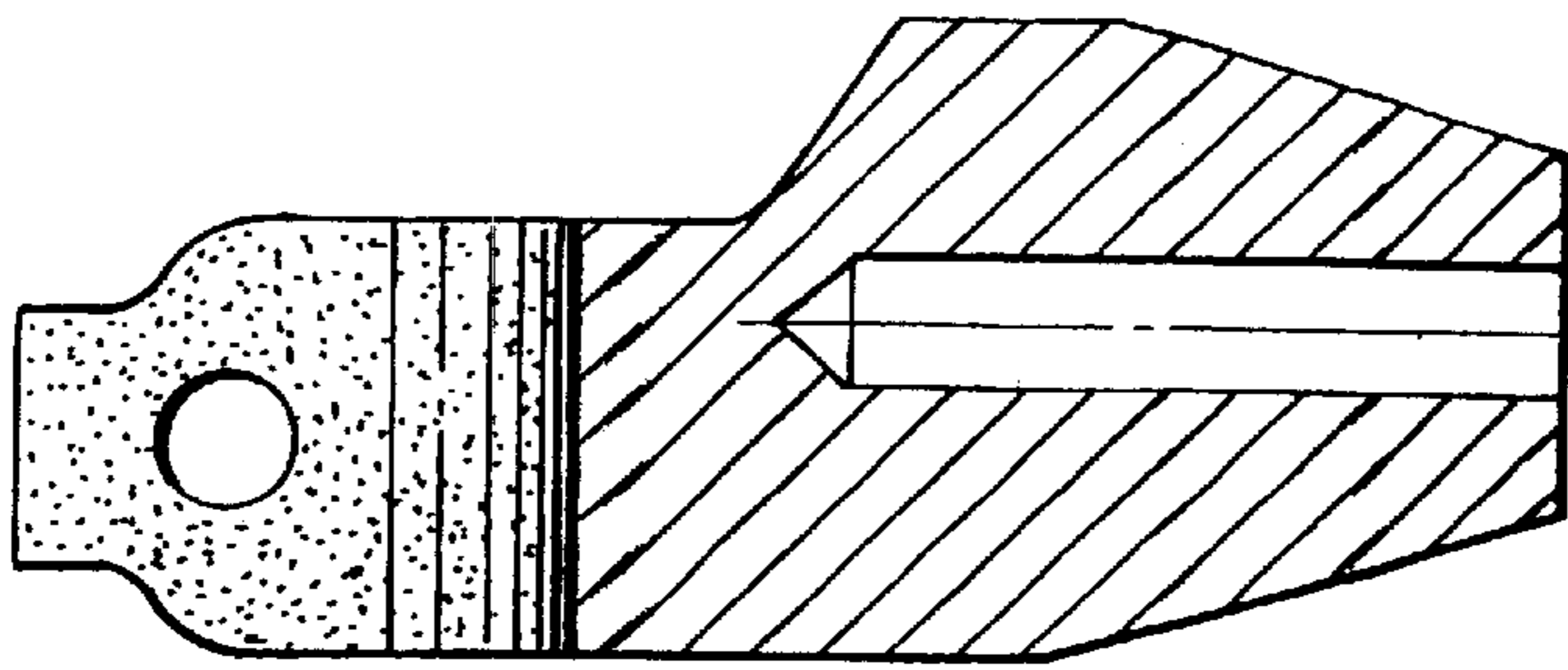
**Fig. 3**



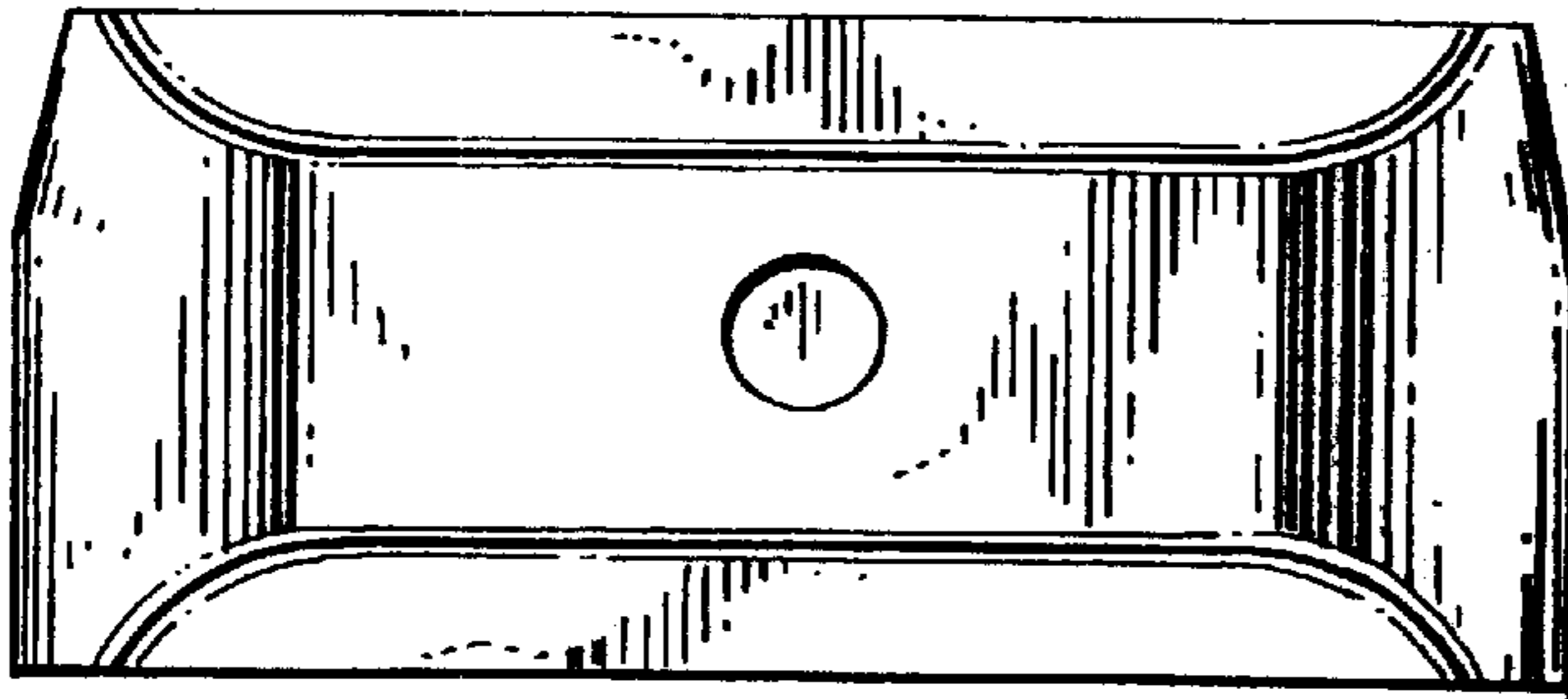
**Fig. 4**



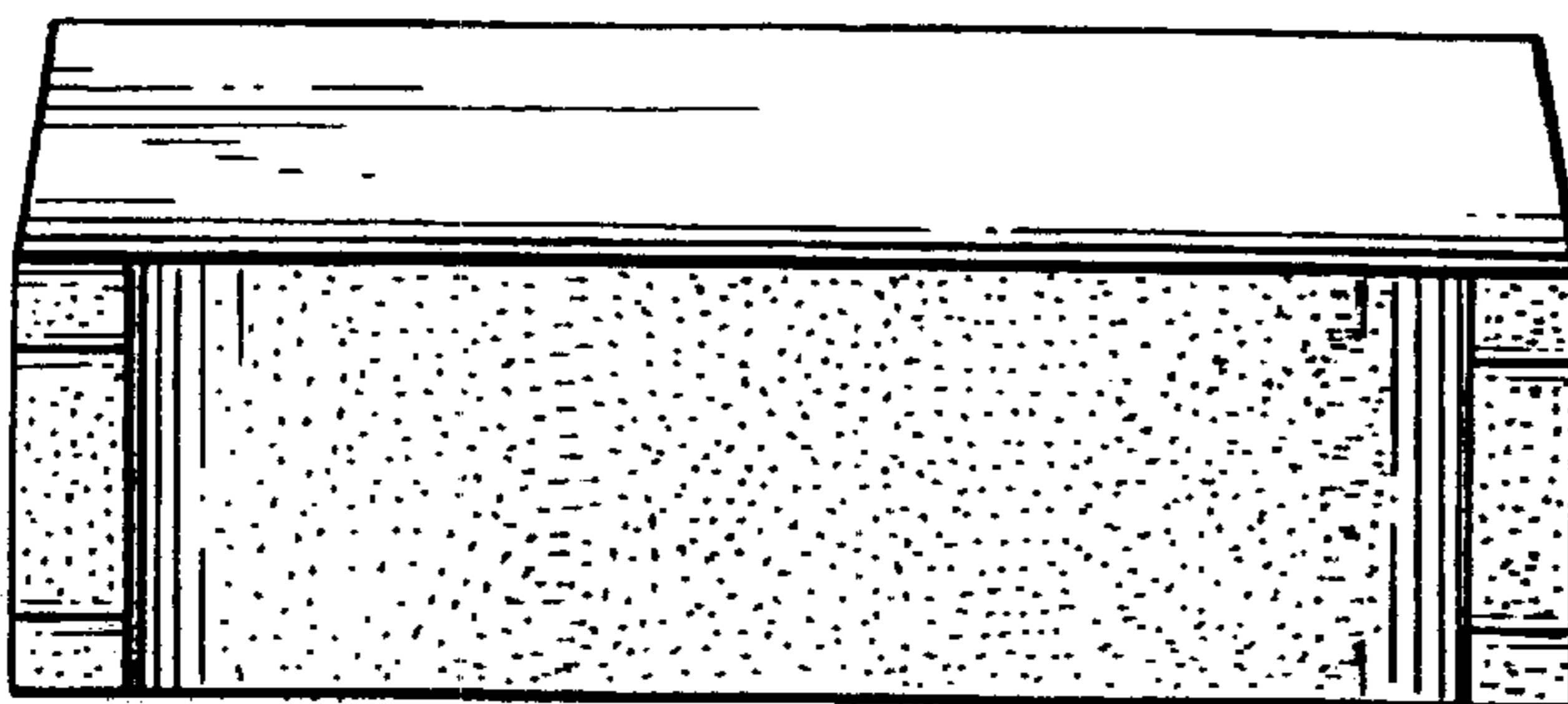
**Fig. 5**



**Fig. 6**



**Fig. 7**



**Fig. 8**