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United States Patent [19]

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Kumar et al.

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[54] **HIP STEM EXTRACTION TOOL**

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[73] Assignee: **Zimmer, Inc.**, Warsaw, Ind.

[**] Term: **14 Years**

[21] Appl. No.: **15,284**

[22] Filed: **Nov. 12, 1993**

[52] U.S. Cl. **D24/133**

[58] Field of Search **D24/133, 140; 606/90, 606/99, 100, 53; D8/29, 14**

[56] **References Cited**

U.S. PATENT DOCUMENTS

3,945,377	3/1976	Kronner	606/90 X
4,993,410	2/1991	Kimsey	606/100
5,169,401	12/1992	Lester et al.	606/99 X

5,171,324	12/1992	Campama et al.	606/99 X
5,196,018	3/1993	Willert et al.	606/99
5,284,484	2/1994	Hood et al.	606/90 X
5,308,350	5/1994	Mikhail	606/90 X

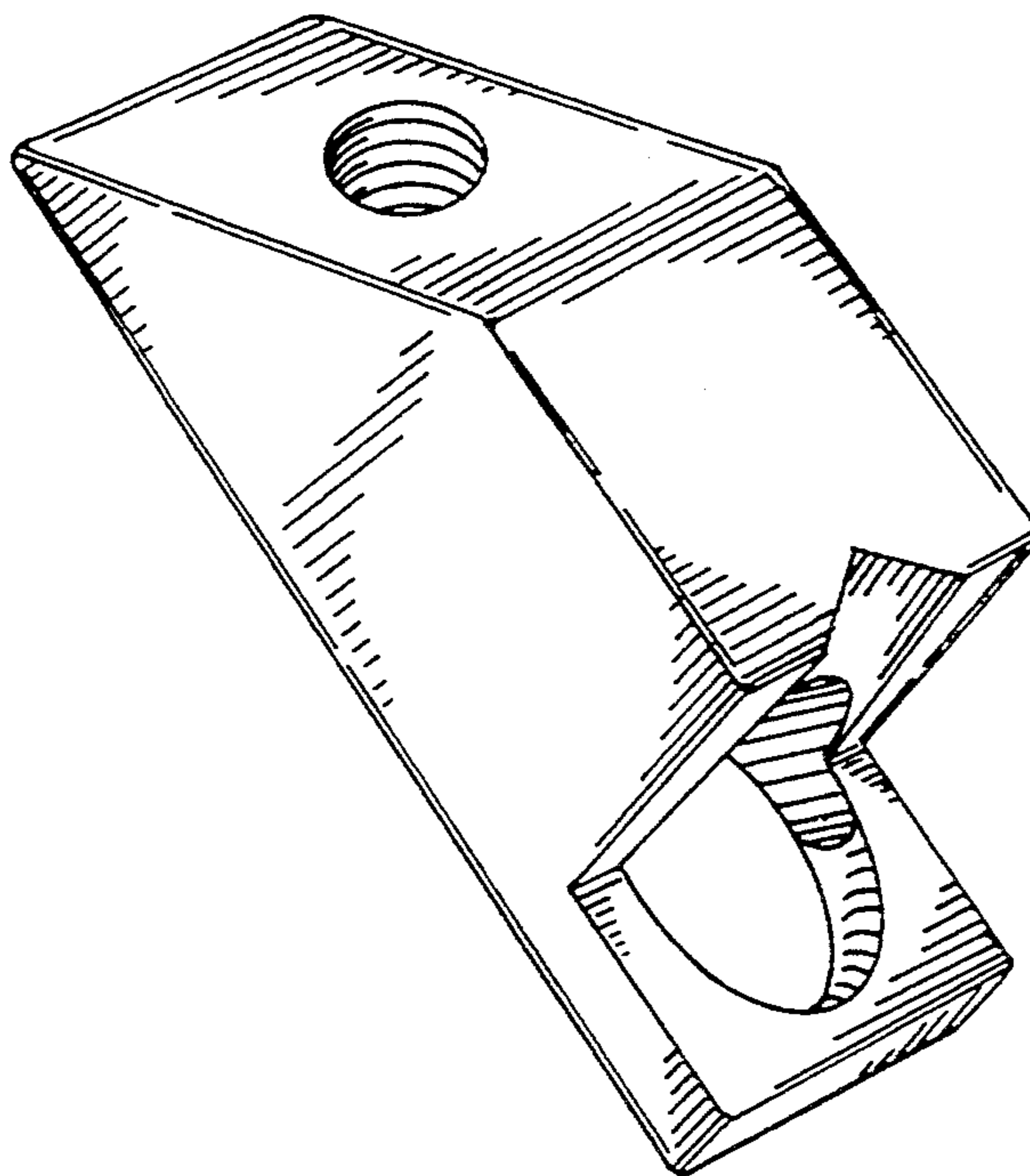
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[57] **CLAIM**

The ornamental design for a hip stem extraction tool, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a hip stem extraction tool showing our new design;
FIG. 2 is a top elevational view thereof;
FIG. 3 is a bottom elevational view thereof;
FIG. 4 is a left side elevational view thereof;
FIG. 5 is a right side elevational view thereof;
FIG. 6 is a front end view thereof; and,
FIG. 7 is a rear end elevational view thereof.



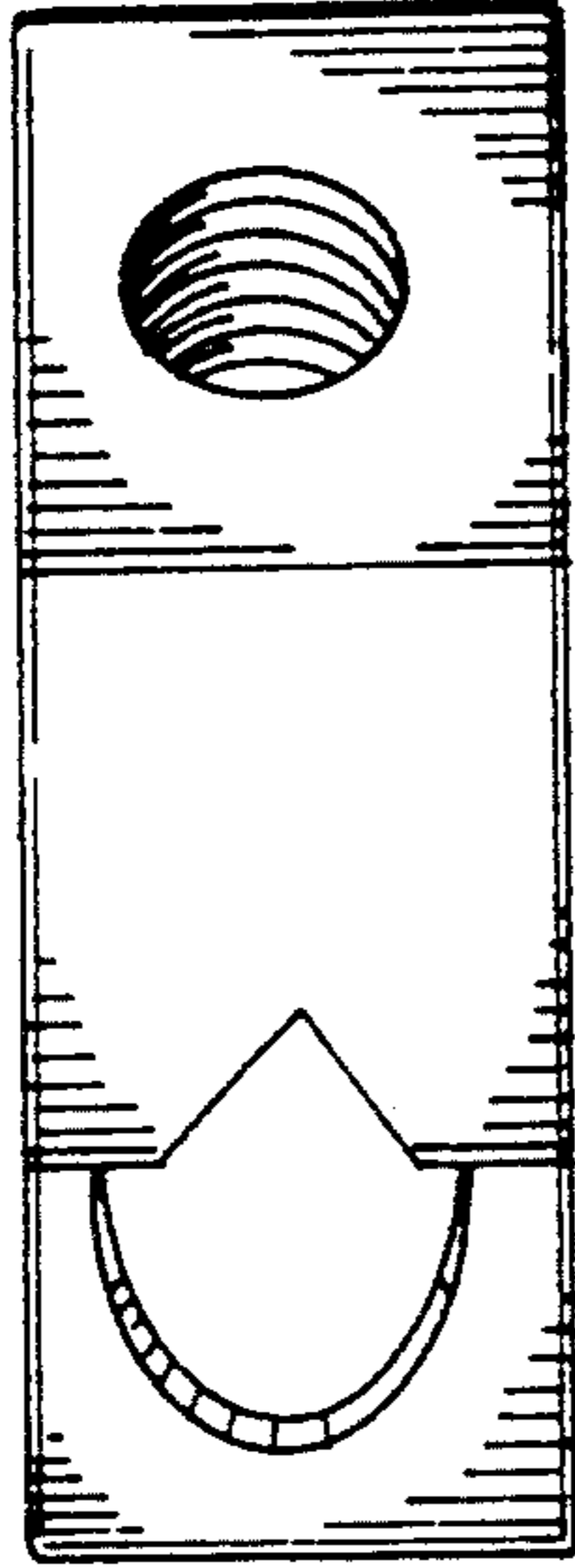


FIG. 2

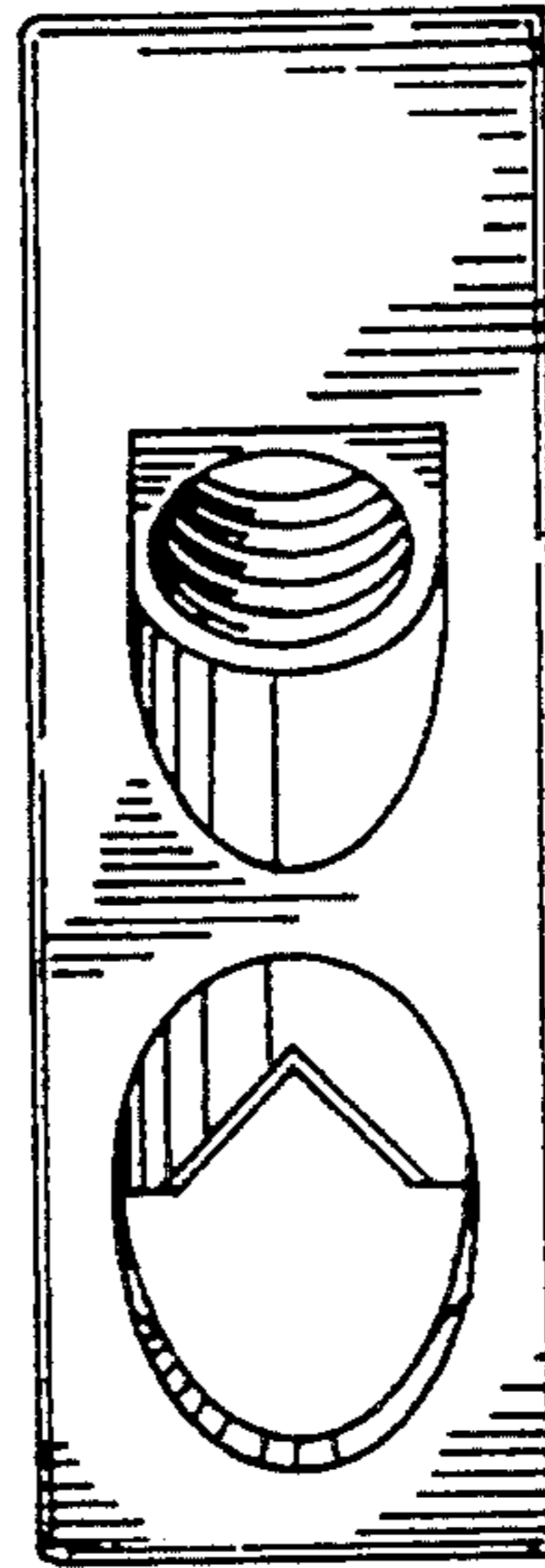


FIG. 3

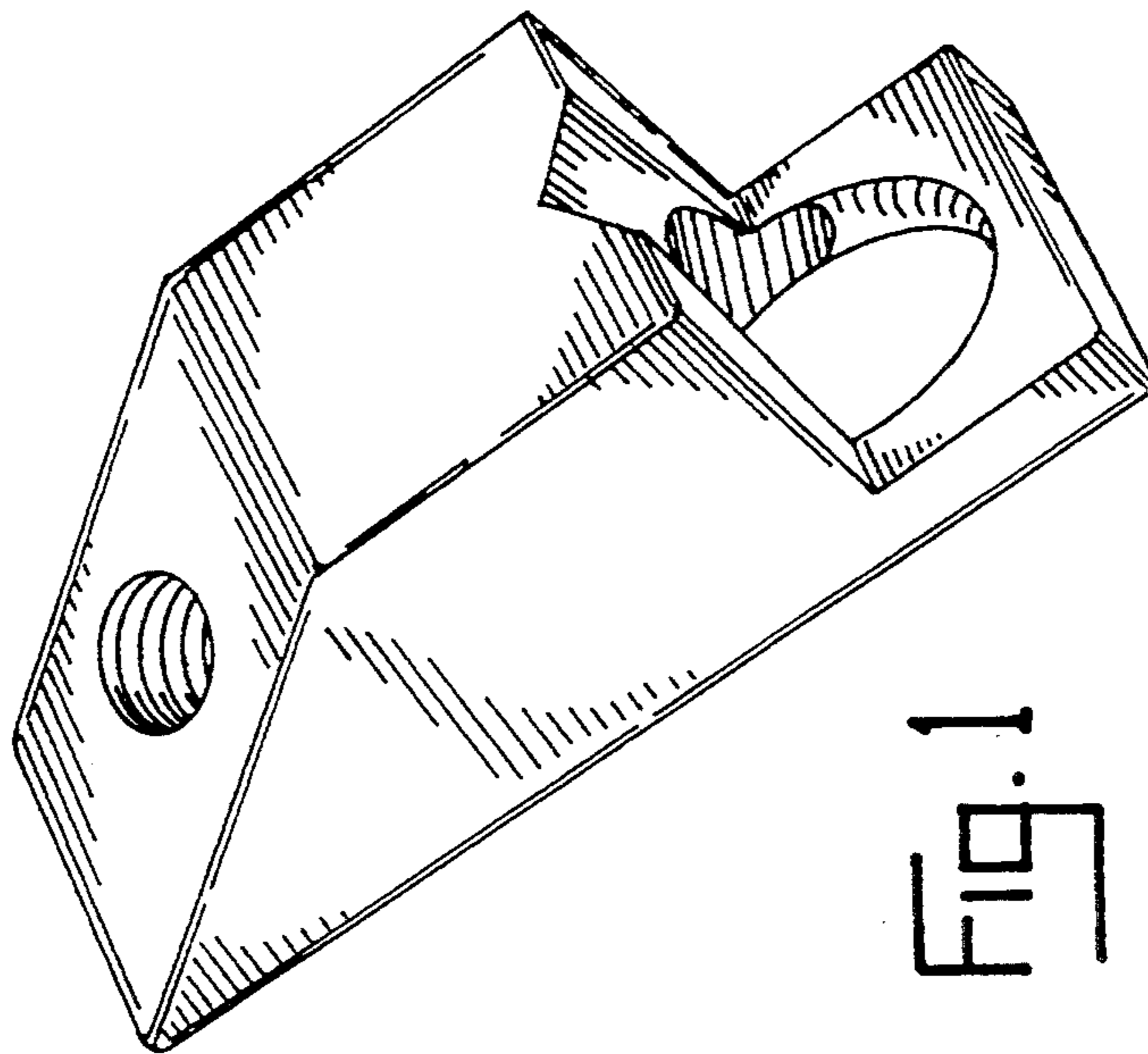


FIG. 1

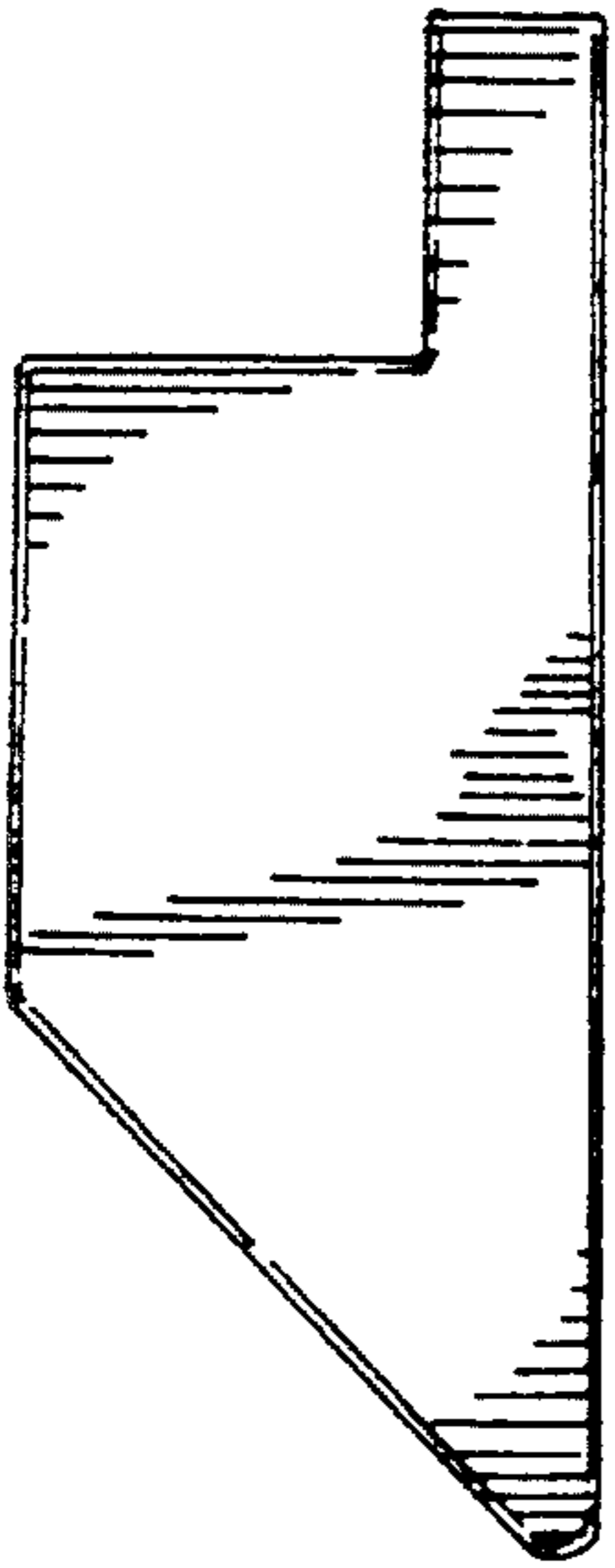


FIG. 4

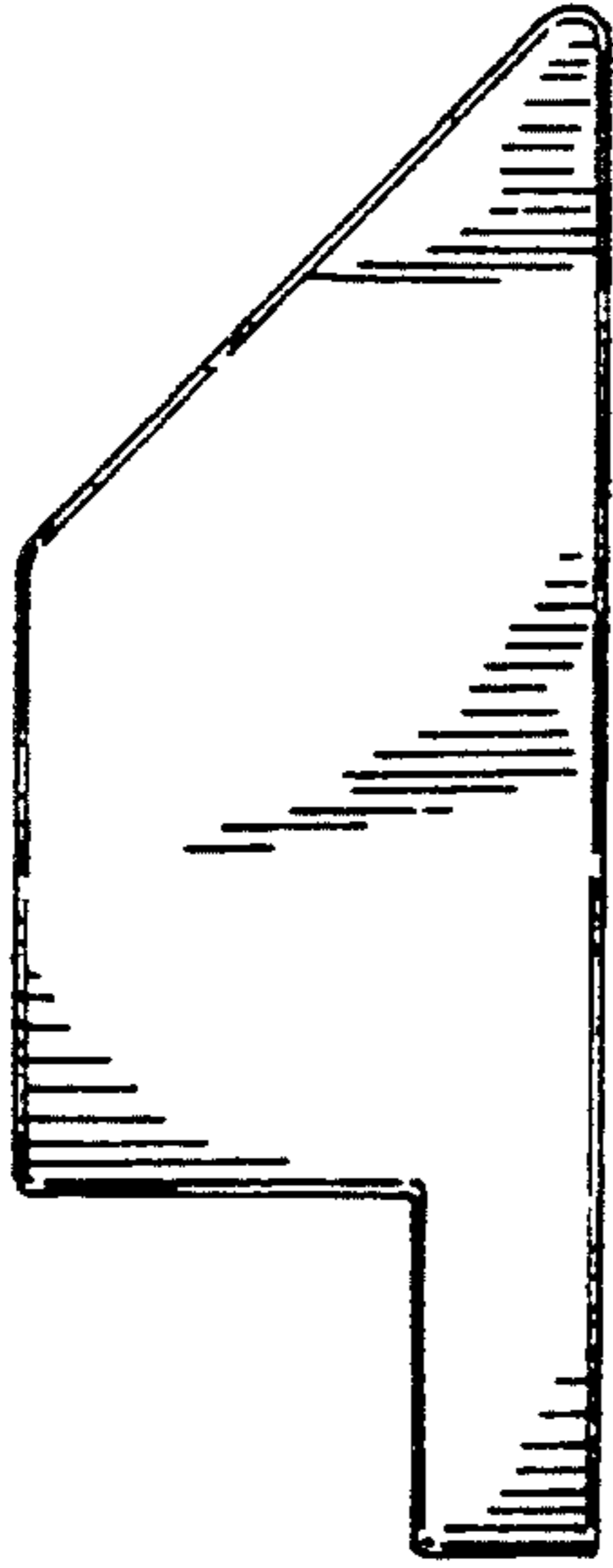


FIG. 5

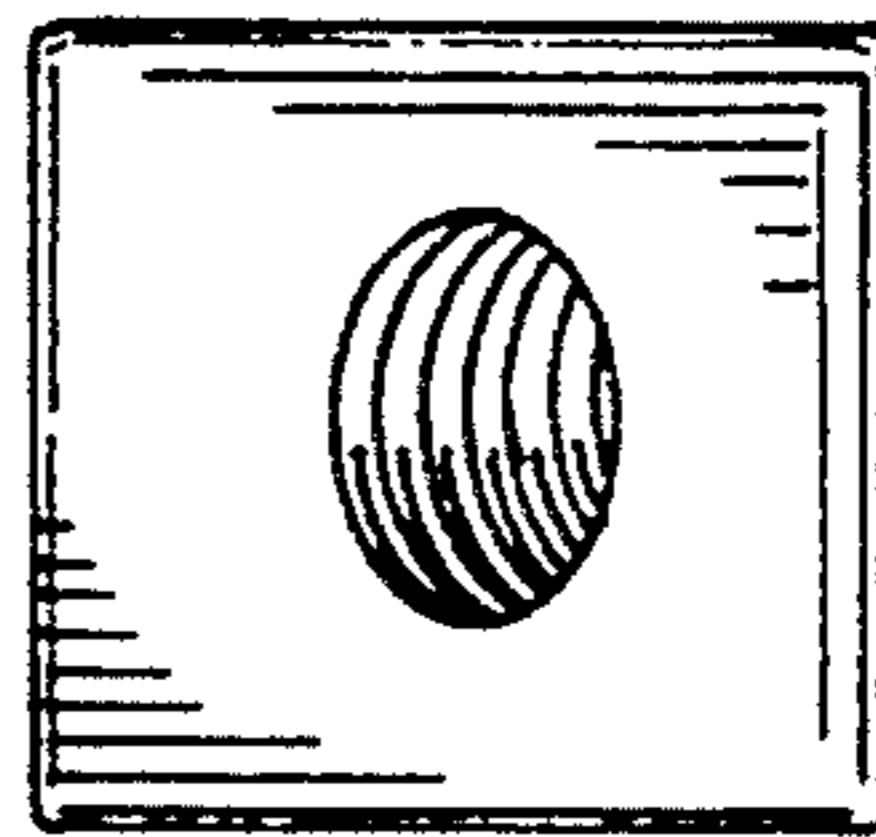


FIG. 6

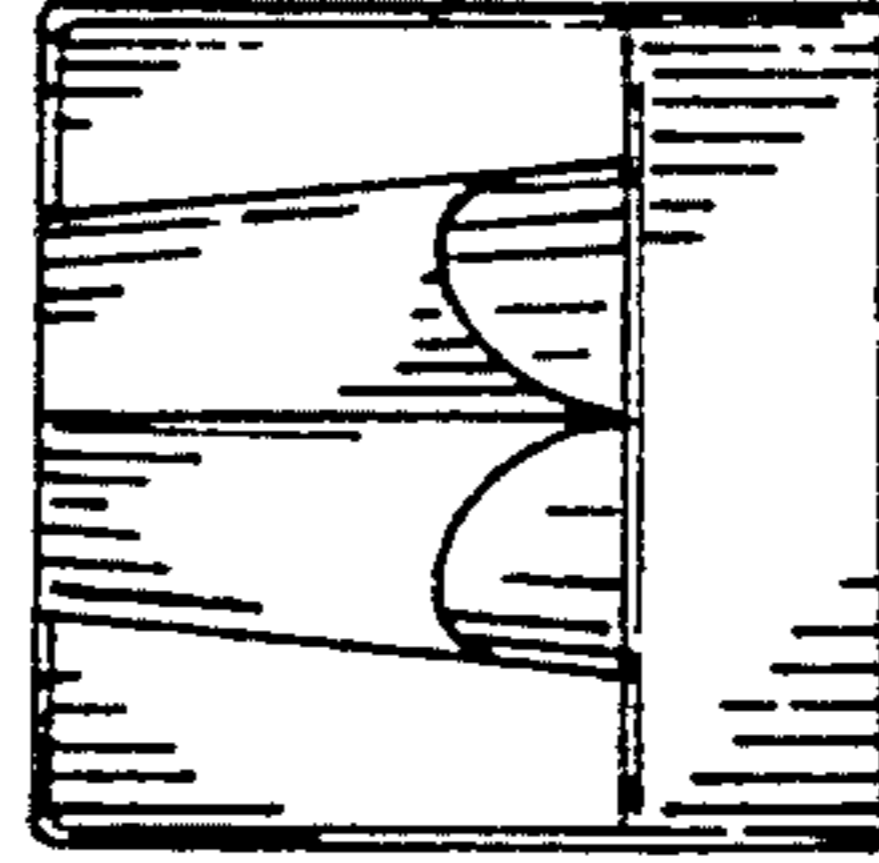


FIG. 7