

US00D388304S

United States Patent [19] Friel

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[45] Date of Patent: ****Dec. 30, 1997**

[54] **VERSATILE MANUAL SHARPENER**
[75] Inventor: **Daniel D. Friel, Greenville, Del.**
[73] Assignee: **Edgecraft Co., Avondale, Pa.**
[**] Term: **14 Years**

D. 323,450 1/1992 Shimizu D8/93
D. 331,668 12/1992 Busse D8/93
D. 357,395 4/1995 Friel D8/93
4,502,254 3/1985 Carter 76/88

Primary Examiner—Antoine Duval Davis
Attorney, Agent, or Firm—Connolly & Hutz

[21] Appl. No.: **56,805**
[22] Filed: **Jul. 9, 1996**

[57] CLAIM

The ornamental design for a versatile manual sharpener as shown and described.

[51] **LOC (6) CL** **08-05**
[52] **U.S. CL** **D8/93**
[58] **Field of Search** D8/63, 90, 91,
D8/92, 93; 76/82, 86, 88; 451/262, 267,
293, 540, 548, 549, 552, 555, 558, 559

DESCRIPTION

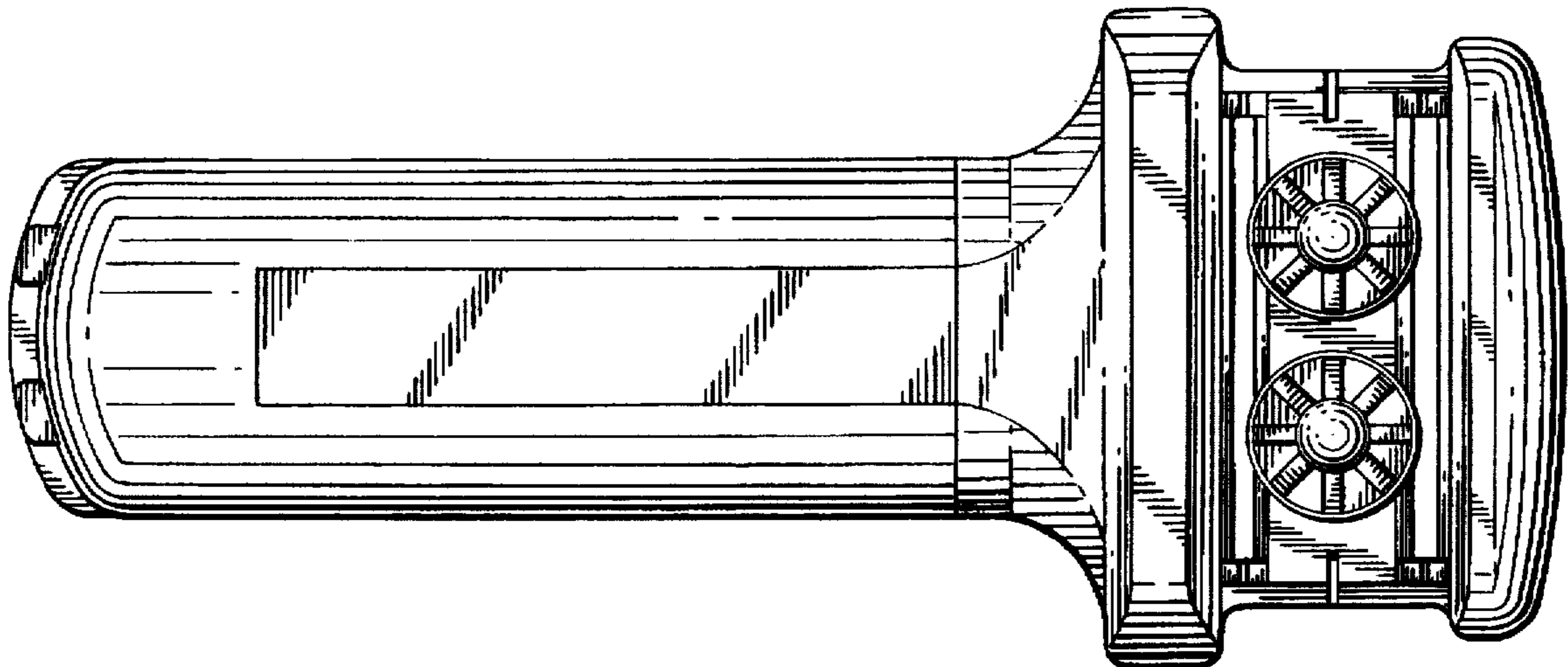
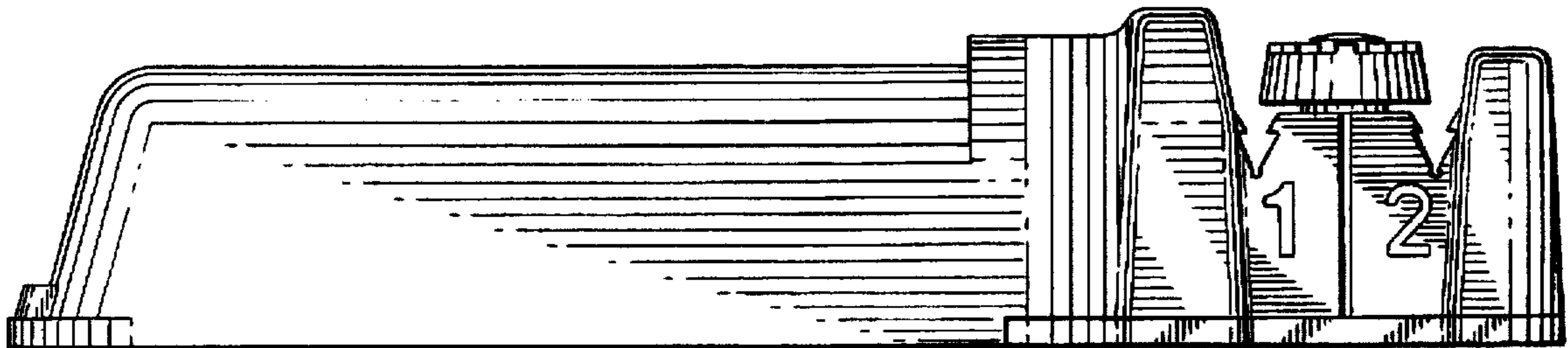
FIG. 1 is a side elevational view showing view of a versatile manual sharpener showing my new design in an embodiment incorporating a roller guide;
FIG. 2 is a top plan view thereof;
FIG. 3 is a right end elevational view thereof;
FIG. 4 is a left end elevational view thereof;
FIG. 5 is a bottom plan view thereof showing the hatch cover in place;
FIG. 6 is a view similar to FIG. 5 showing the hatch cover removed;
FIG. 7 is a view similar to FIG. 1 of an embodiment having a rigid guide; and,
FIG. 8 is a top plan view thereof.

[56] References Cited

U.S. PATENT DOCUMENTS

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D. 315,663 3/1991 Dolbosco D8/93

1 Claim, 4 Drawing Sheets



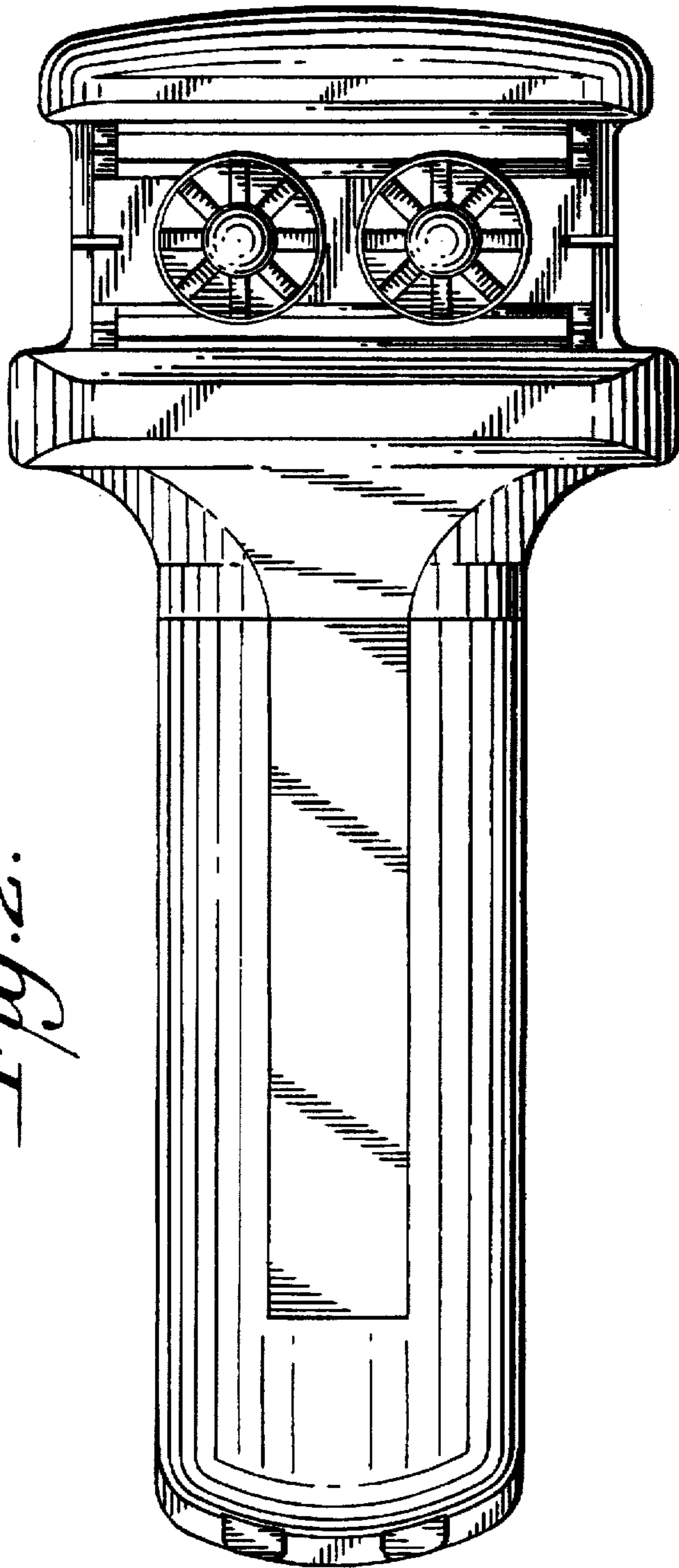


Fig. 2.

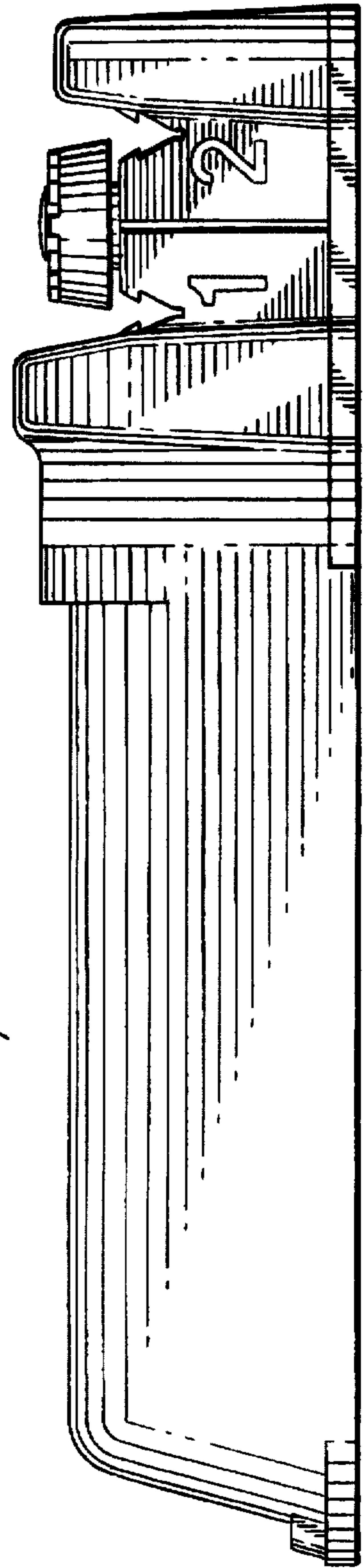


Fig. 1.

Fig. 3.

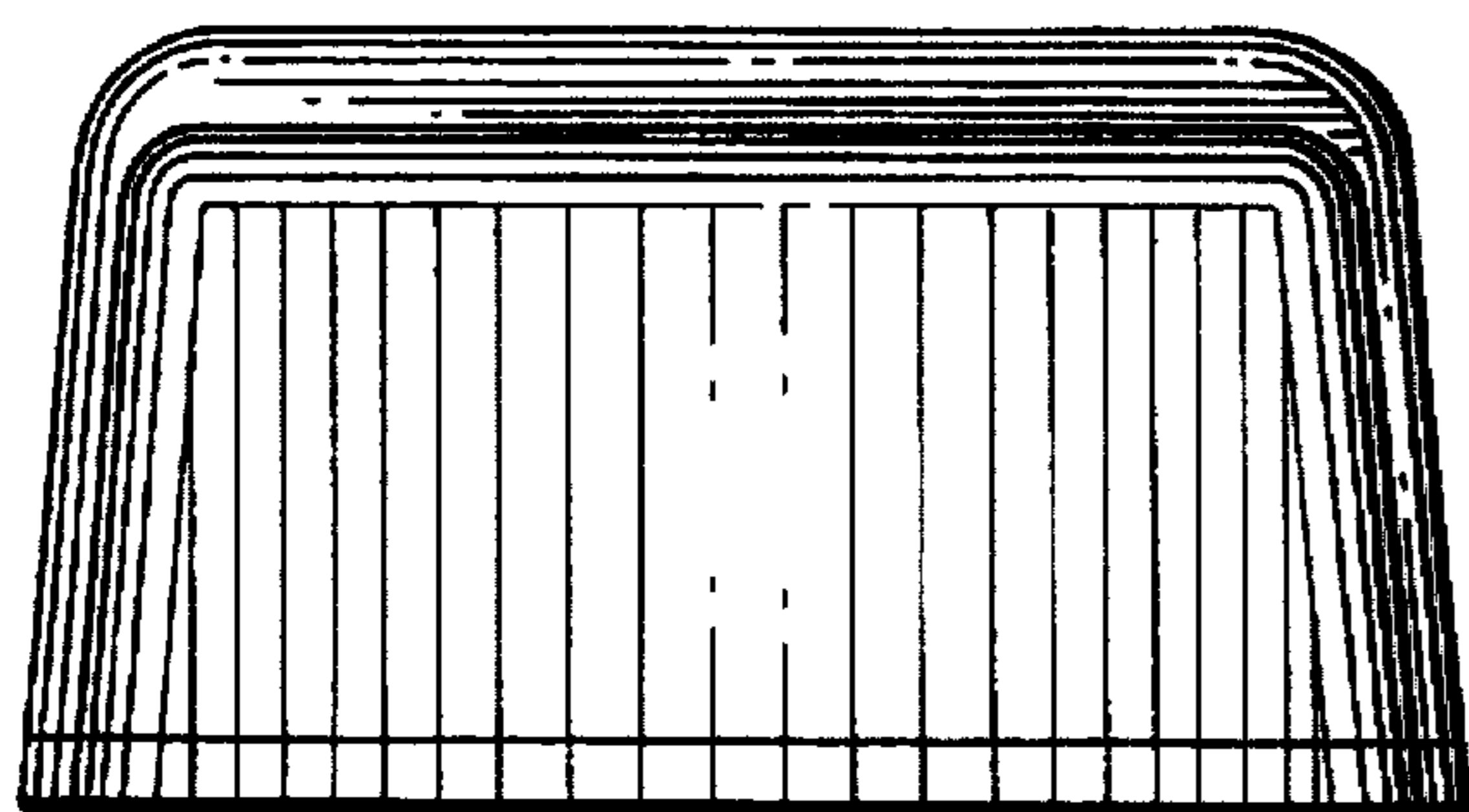
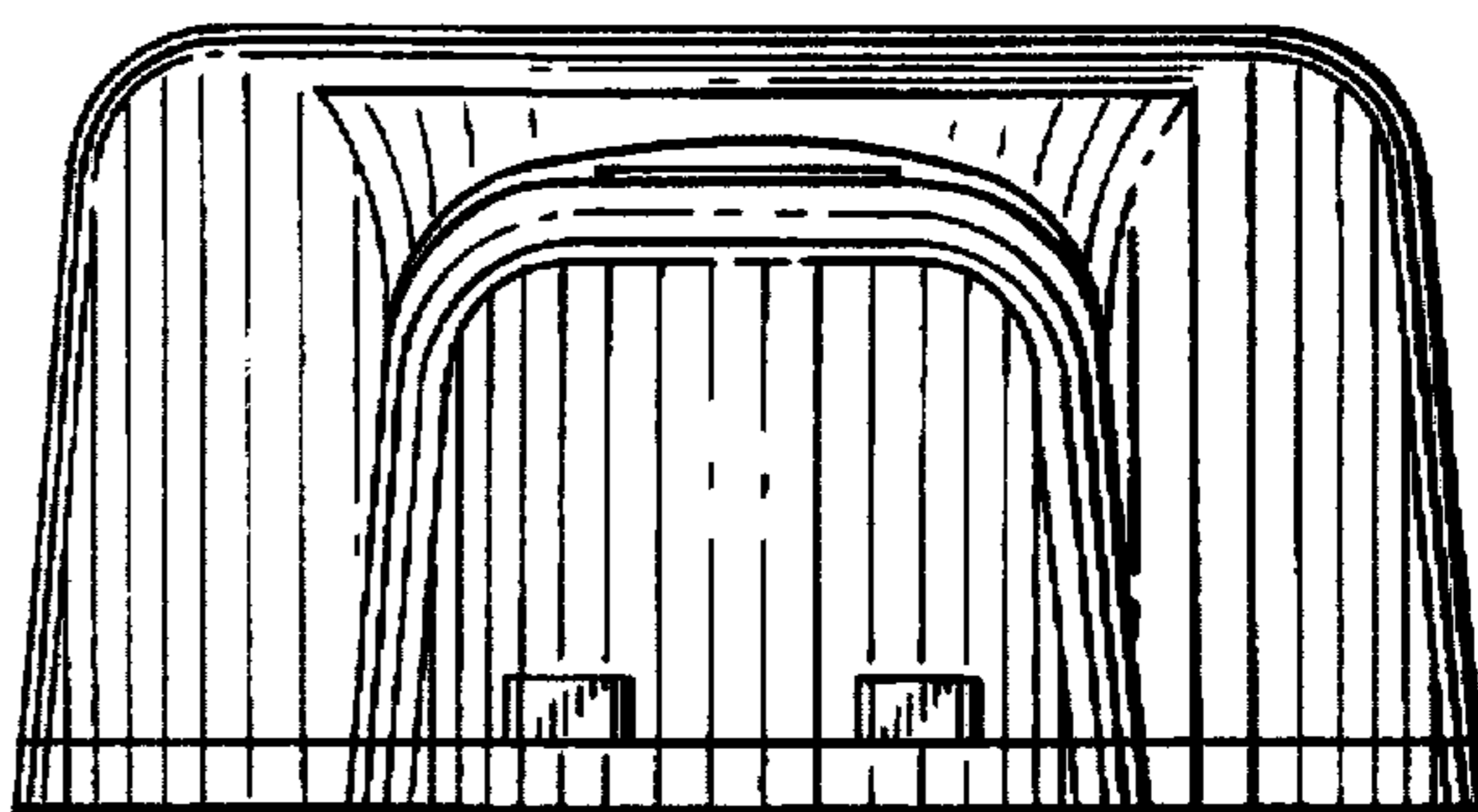


Fig. 4.



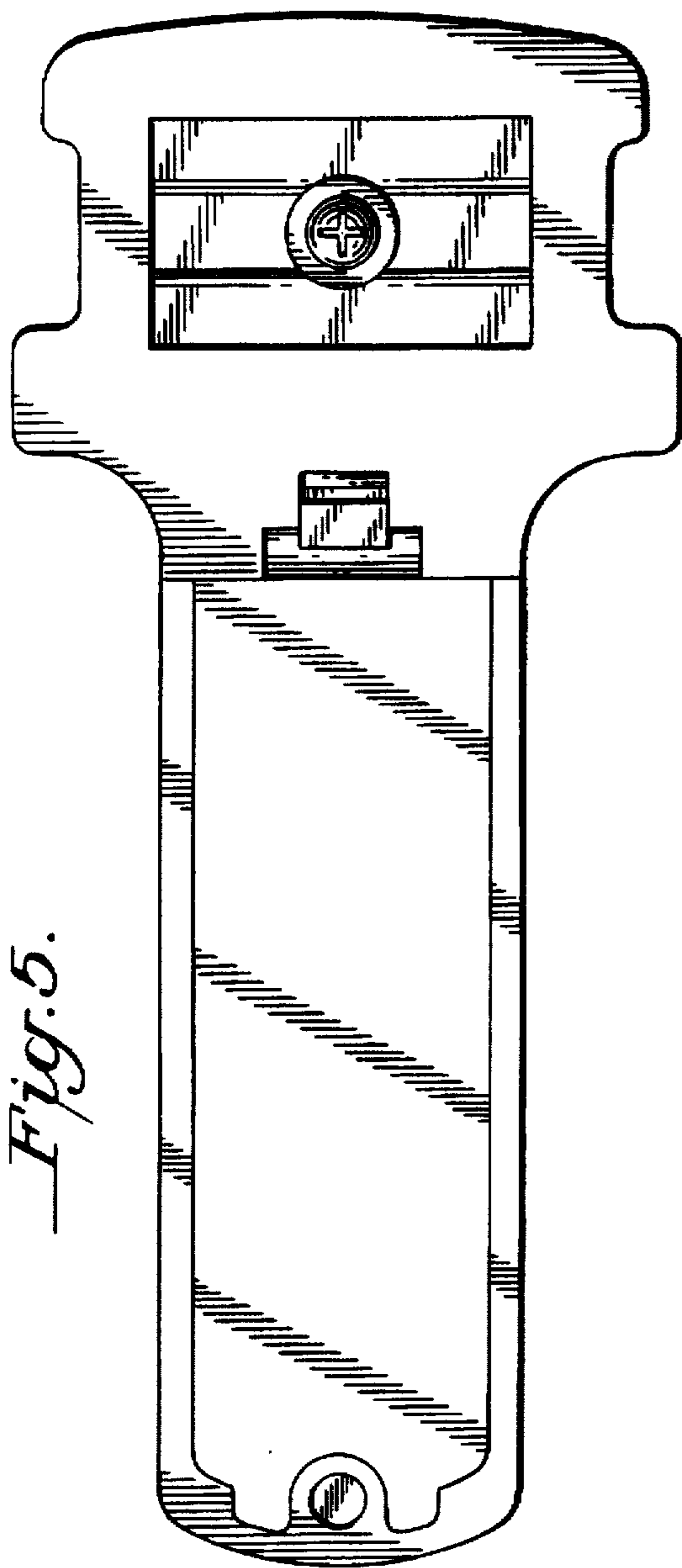


Fig. 5.

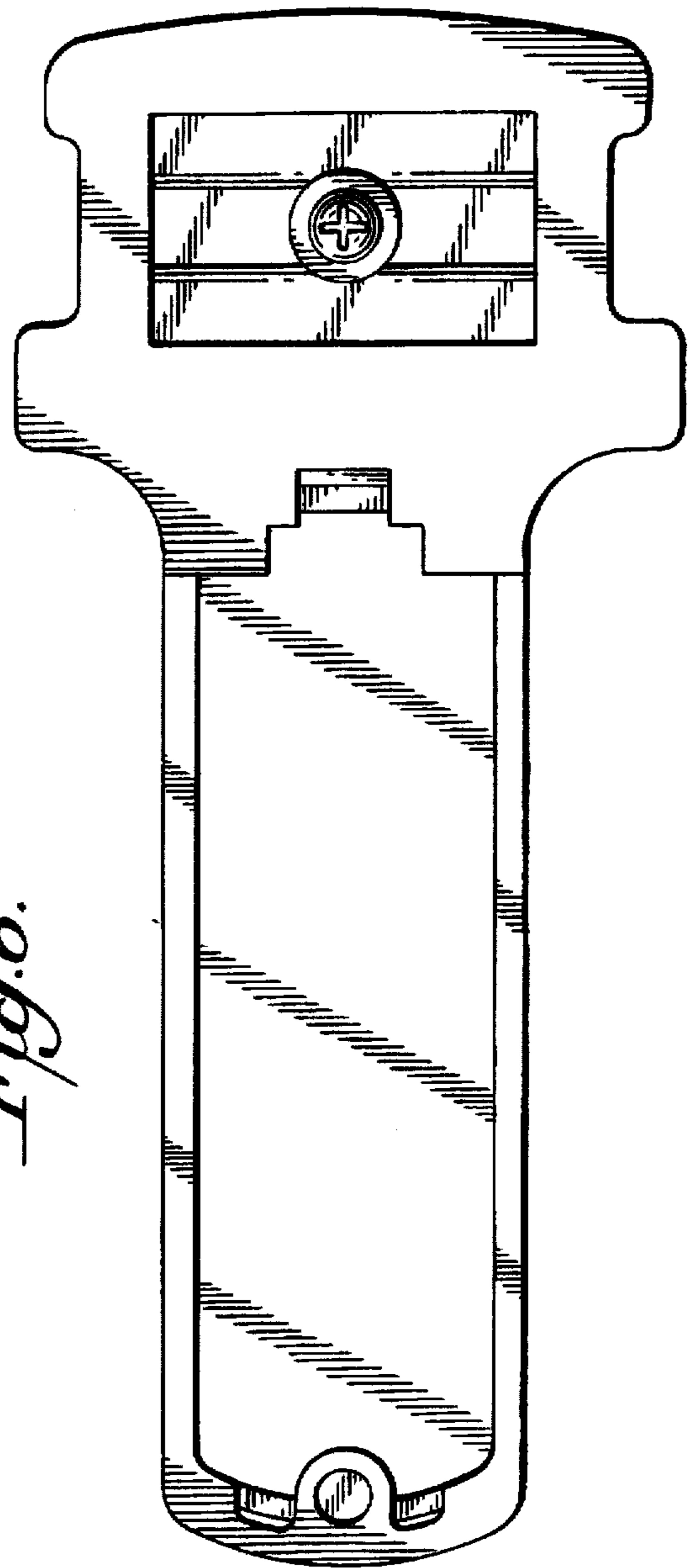


Fig. 6.

Fig. 8.

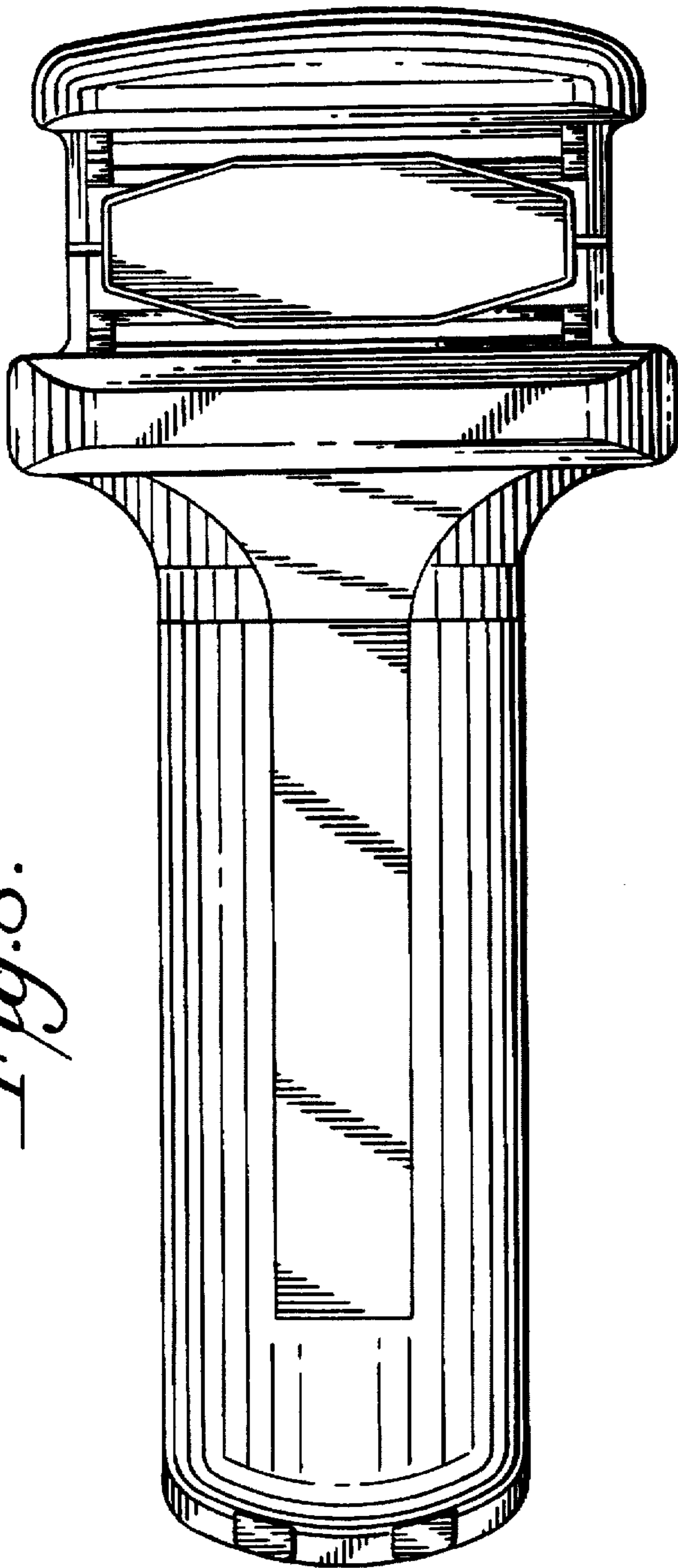


Fig. 7.

