

[54] REFUSE COLLECTING DEVICE

[57] CLAIM

[76] Inventor: J. Don Willis, 301 E. Lawrence Rd., Phoenix, Ariz. 85012

The ornamental design for a refuse collecting device, as shown and described.

[**] Term: 14 Years

DESCRIPTION

[21] Appl. No.: 527,031

FIG. 1 is an isometric view of a refuse collecting device, showing my new design;

[22] Filed: Aug. 29, 1983

FIG. 2 is a left side elevational view; the right side elevational view being a mirror image thereof;

[52] U.S. Cl. D30/99

FIG. 3 is a rear elevational view;

[58] Field of Search 294/1.3, 1.4, 1.5, 55; D30/99; D32/74

FIG. 4 is a front elevational view;

FIG. 5 is a top view;

FIG. 6 is a bottom view;

[56] References Cited

U.S. PATENT DOCUMENTS

4,149,745	4/1979	Willis	294/1.4
4,222,597	9/1980	Willis	294/1.4

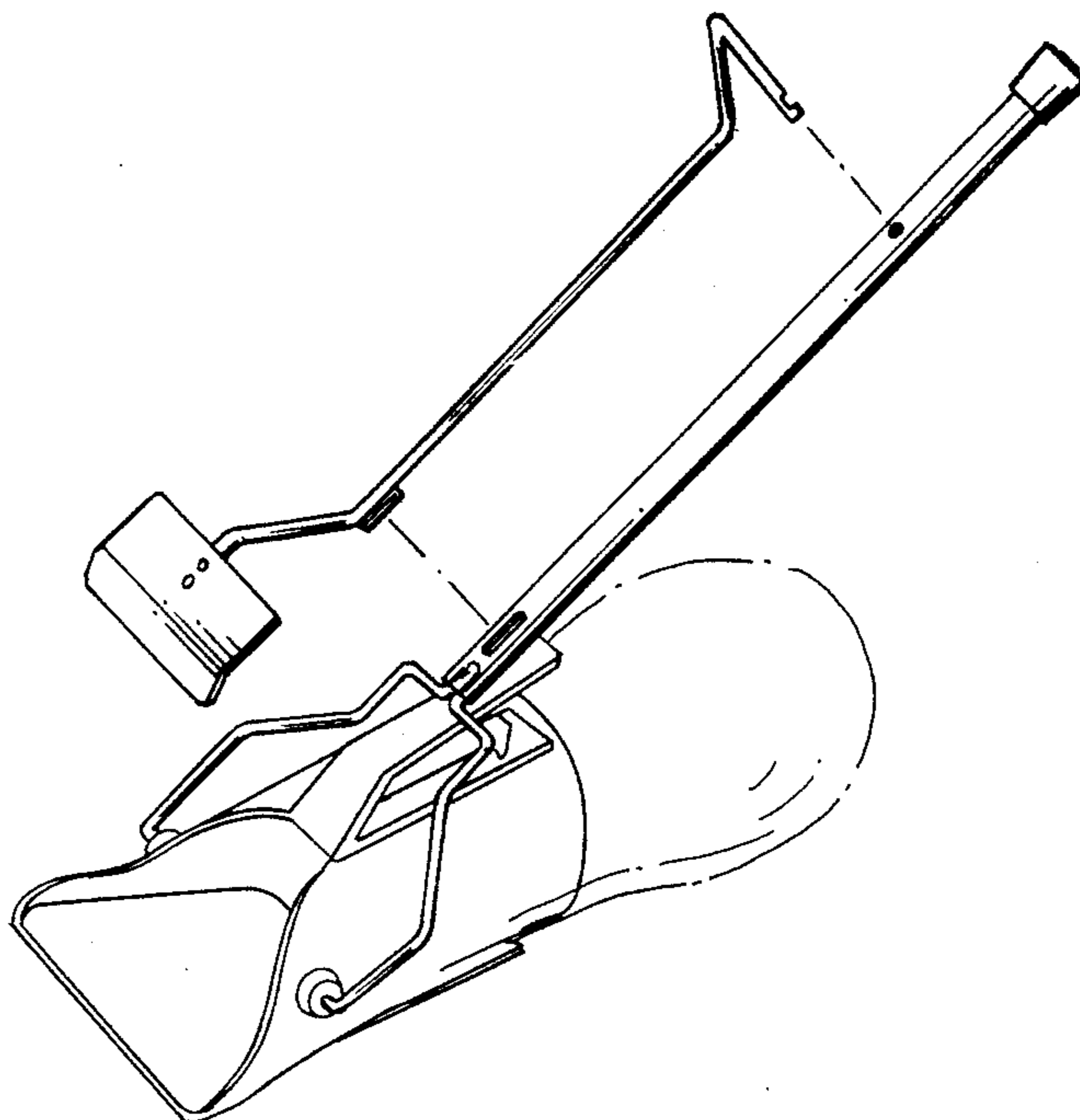
FIG. 7 is a perspective view of the refuse collecting device shown with a detachable handle and shovel;

FIG. 8 is a side elevational view of the handle and detachably attachable shovel;

FIG. 9 is a bottom view of the shovel; and

FIG. 10 is a top view of the handle absent the shovel. The broken line disclosure of a bag in FIGS. 1 and 7 is for illustrative purposes only and forms no part of the claimed design.

Primary Examiner—Catherine E. Kemper
Attorney, Agent, or Firm—Cahill, Sutton & Thomas



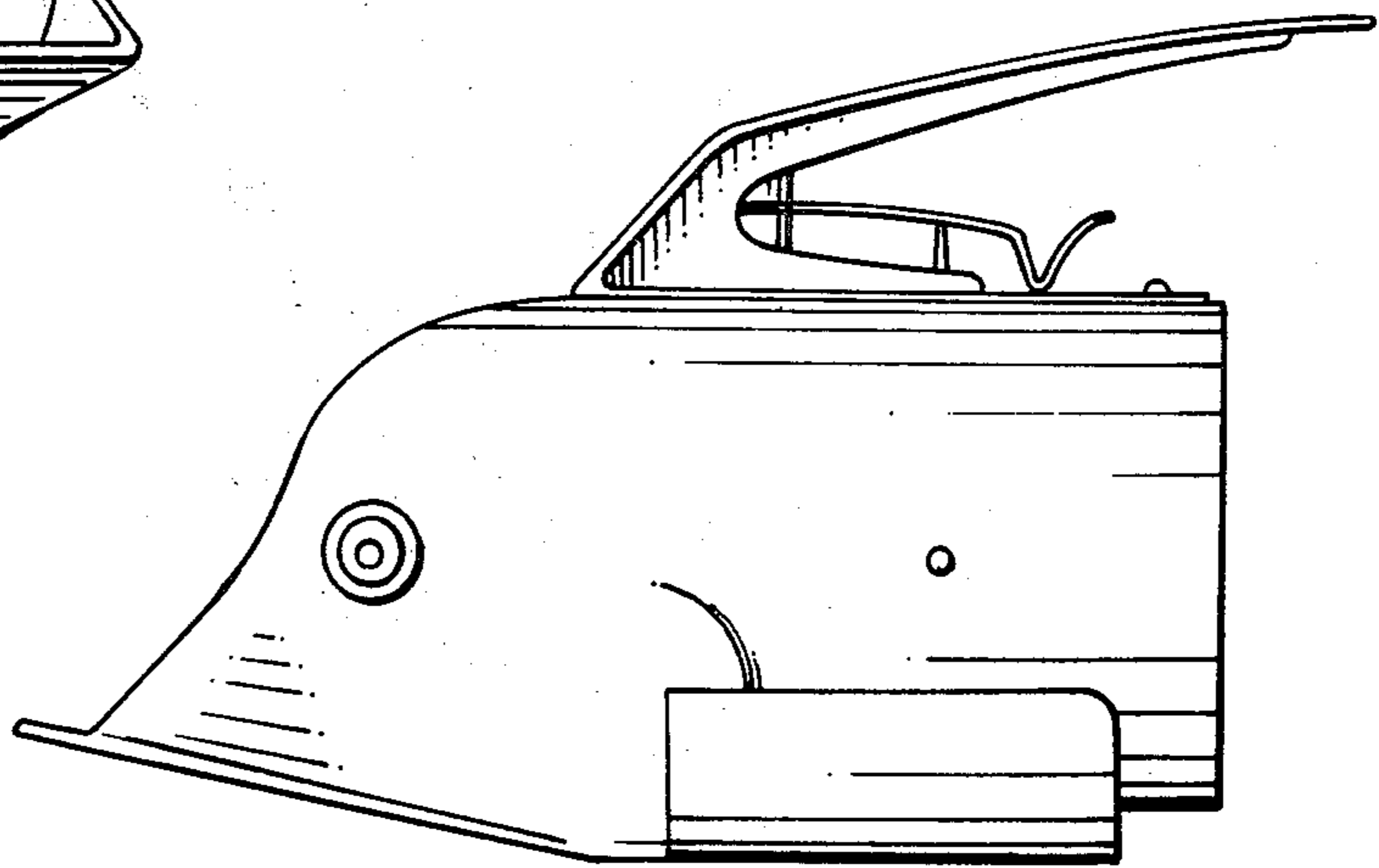
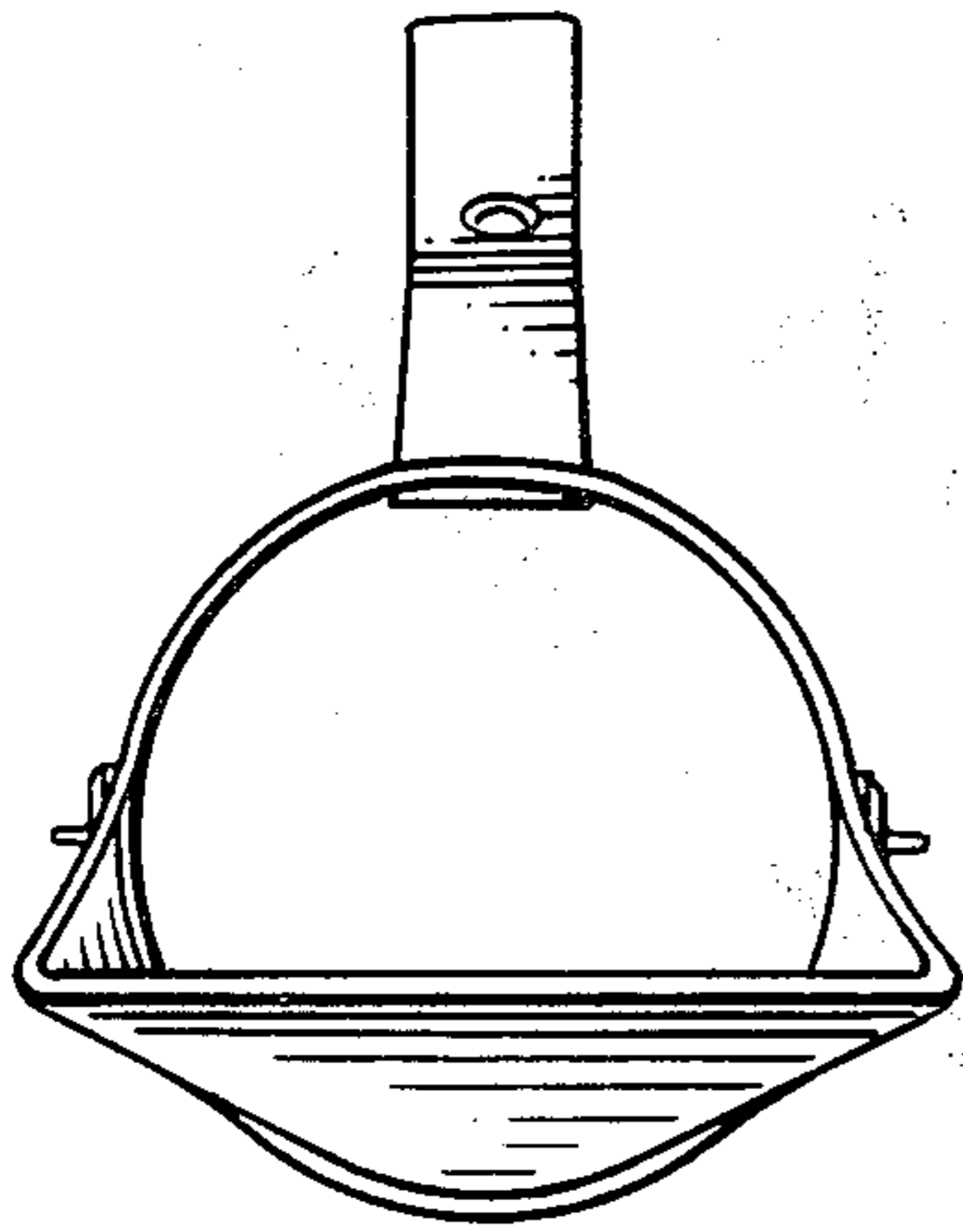
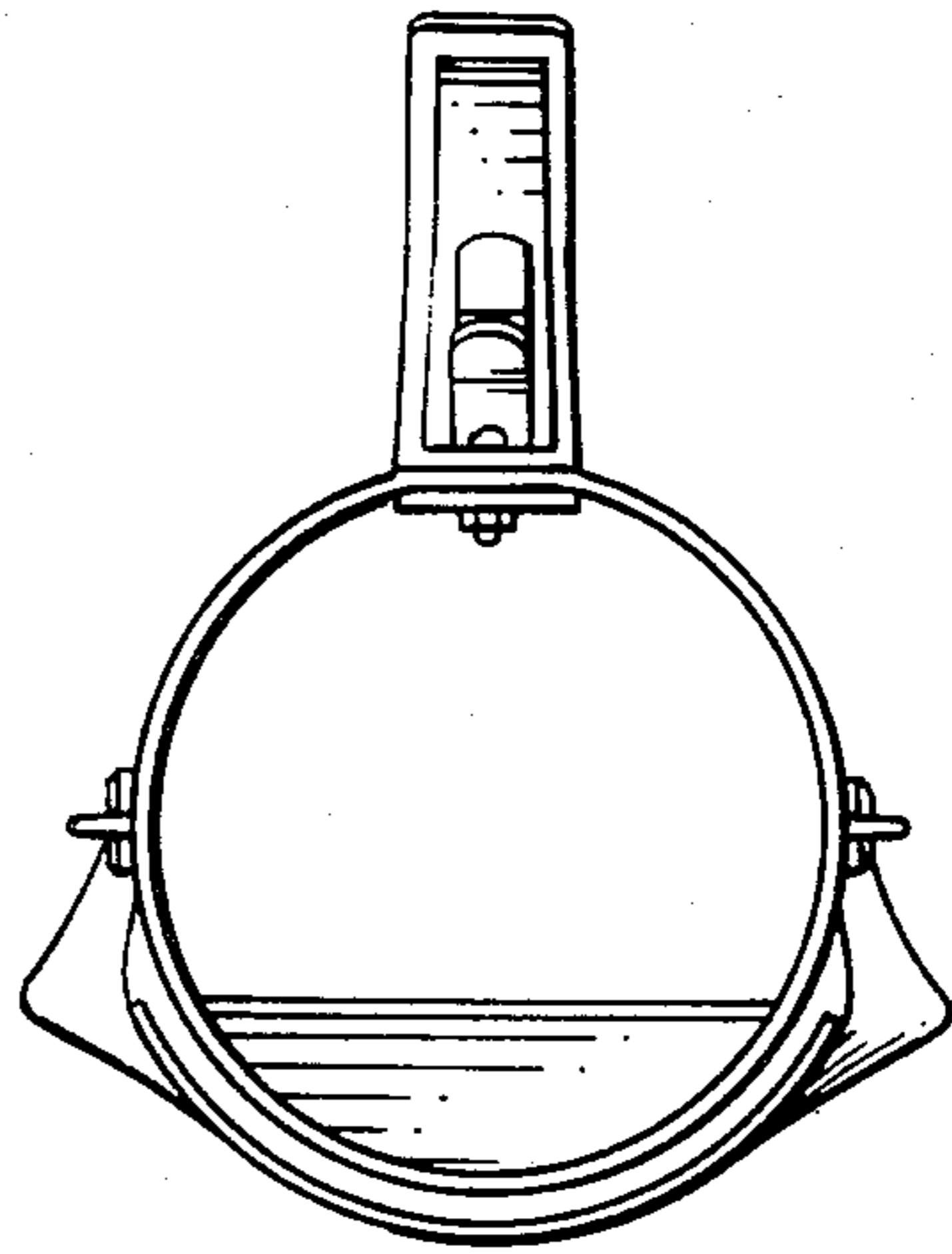
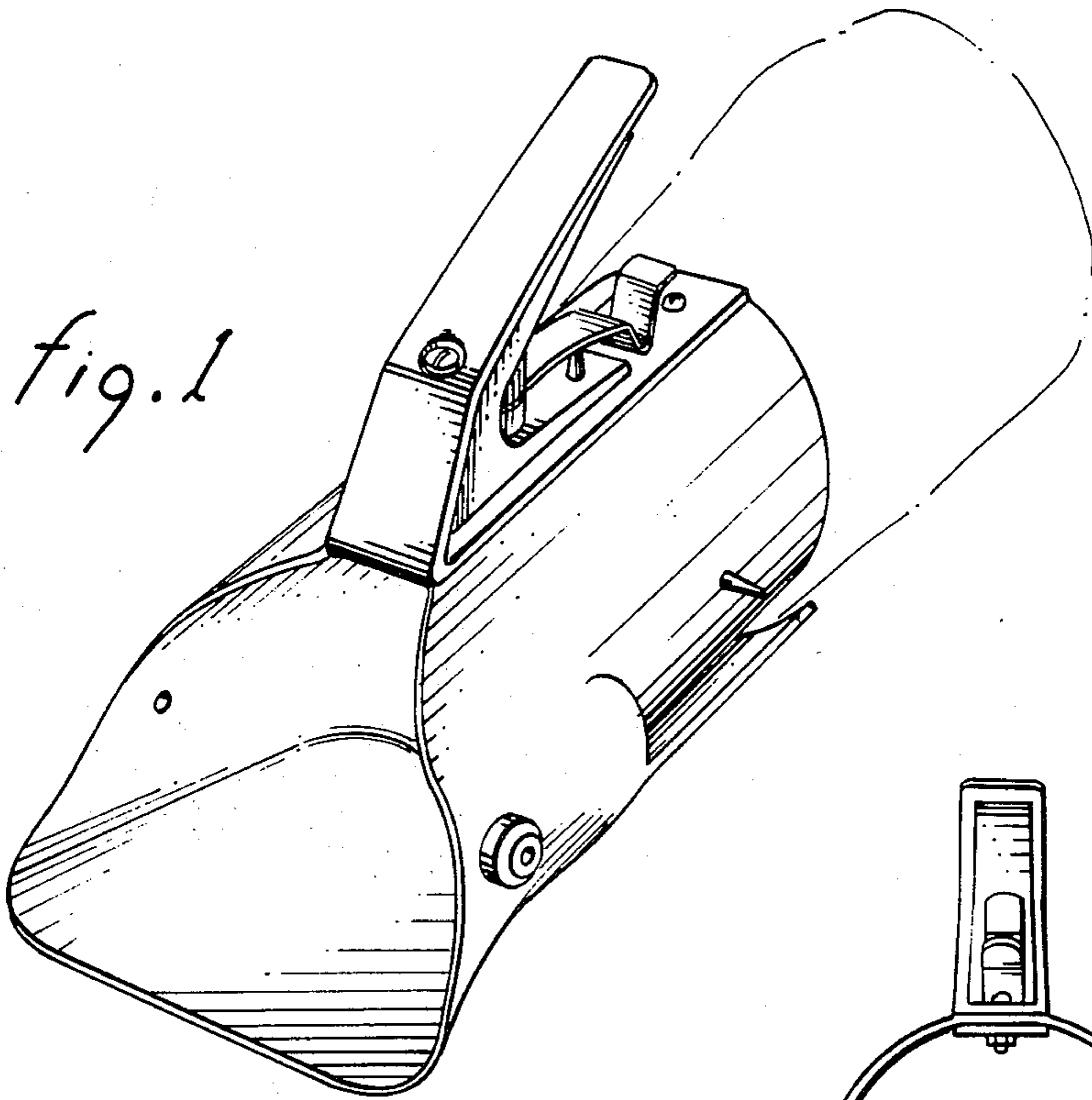


fig. 2

fig. 5

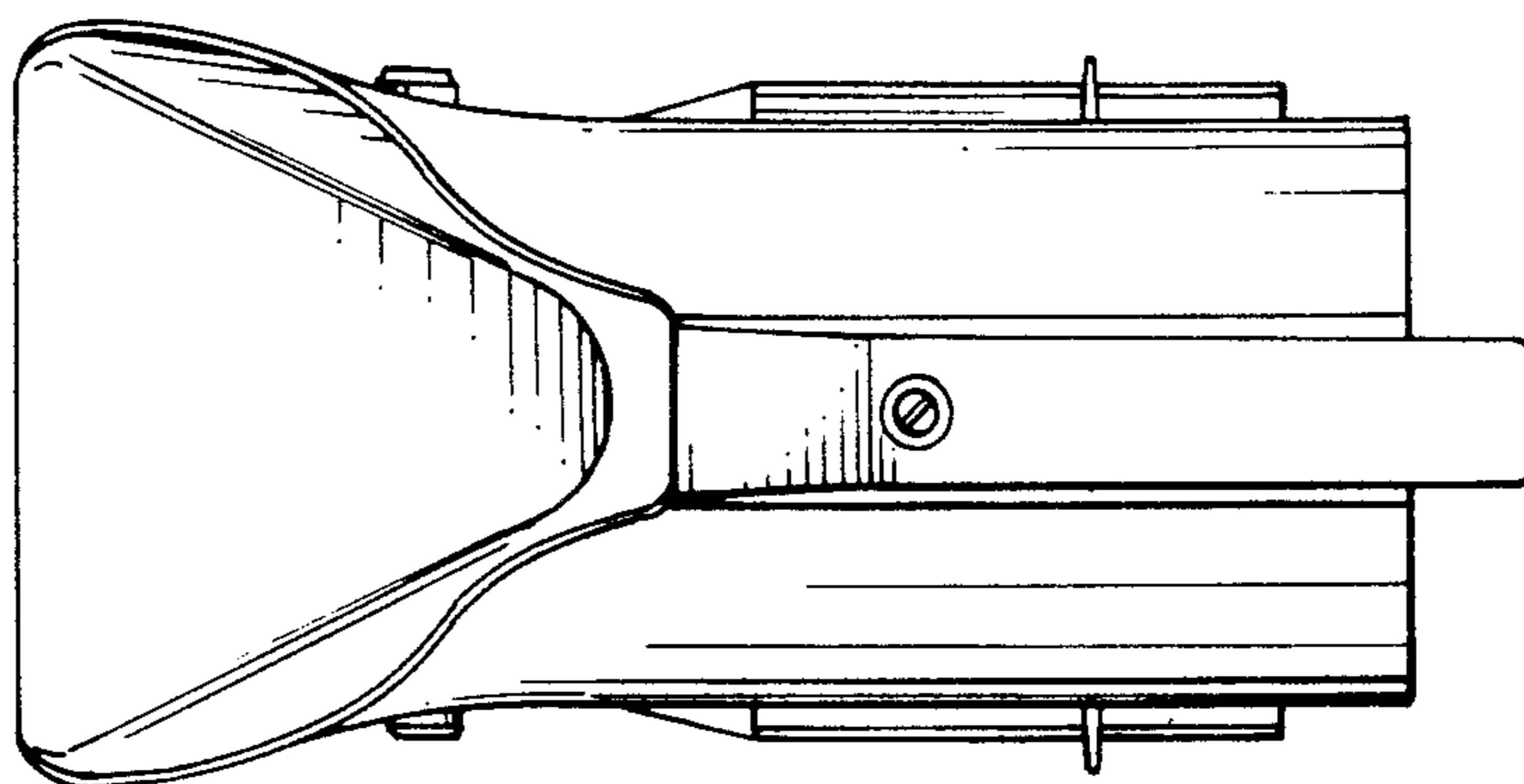


fig. 6

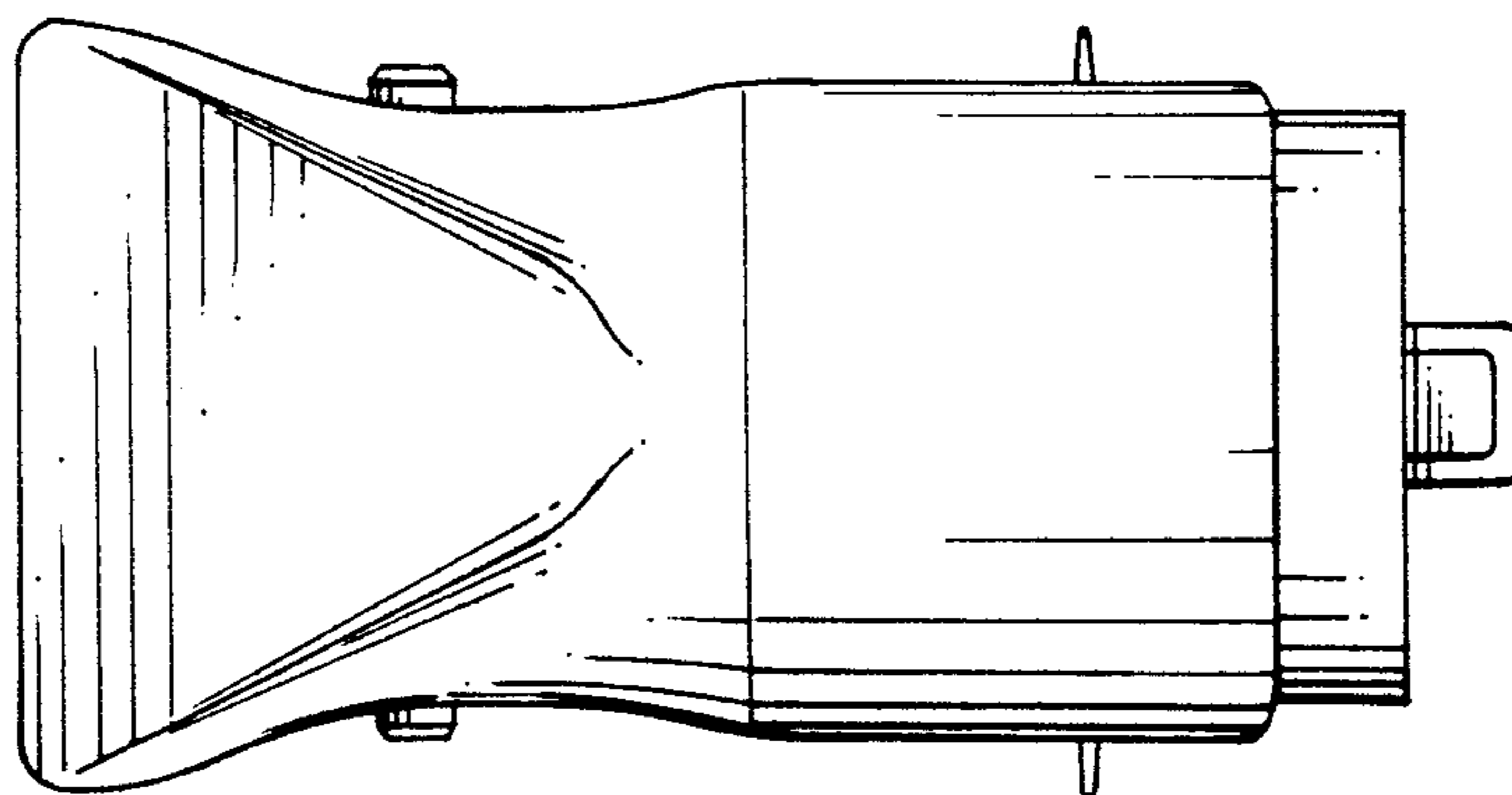


fig. 7

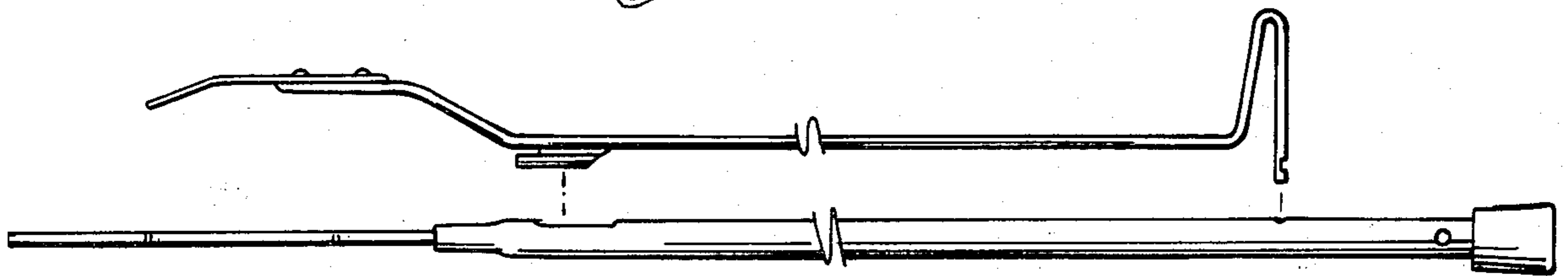
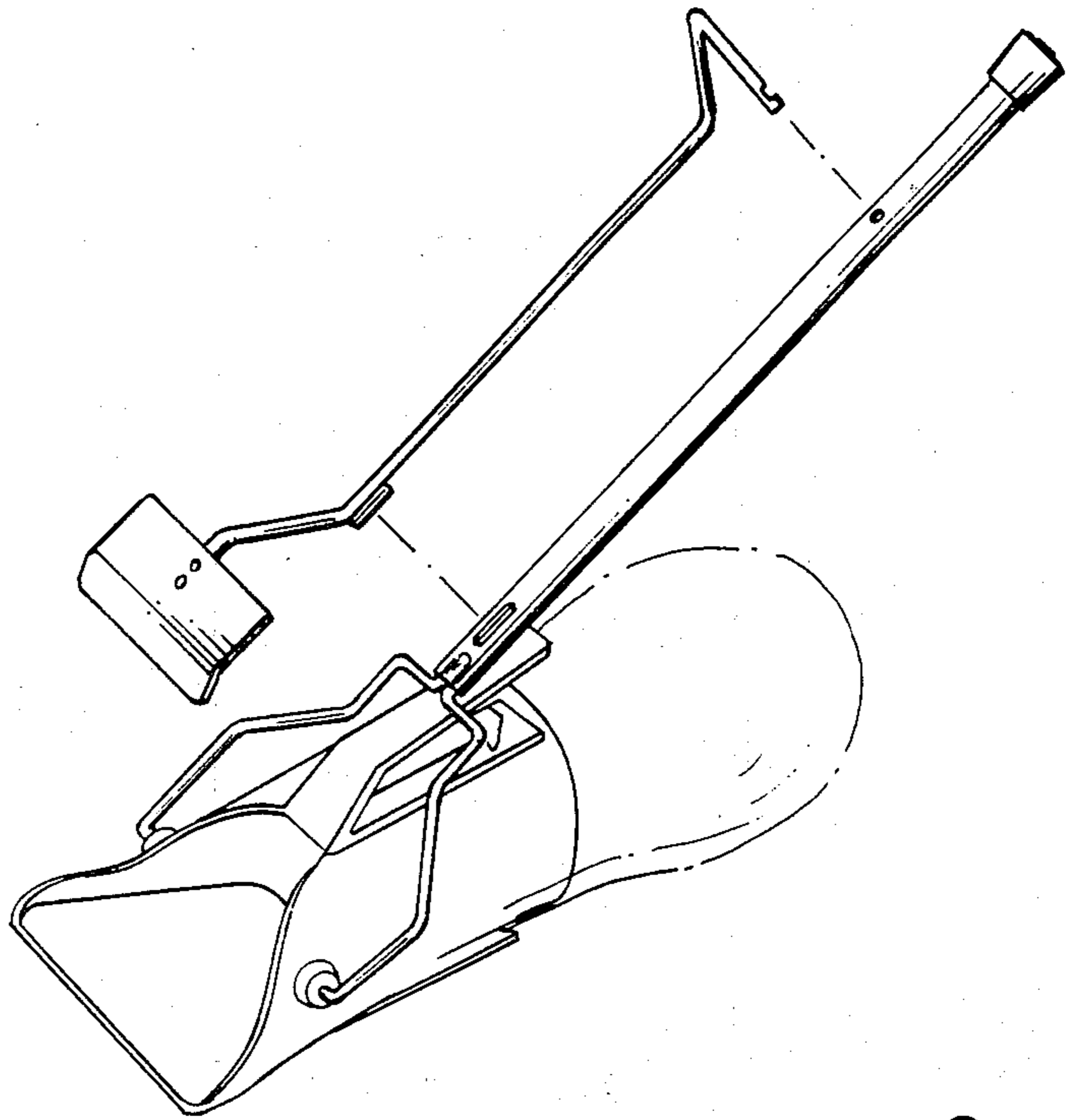


fig. 8

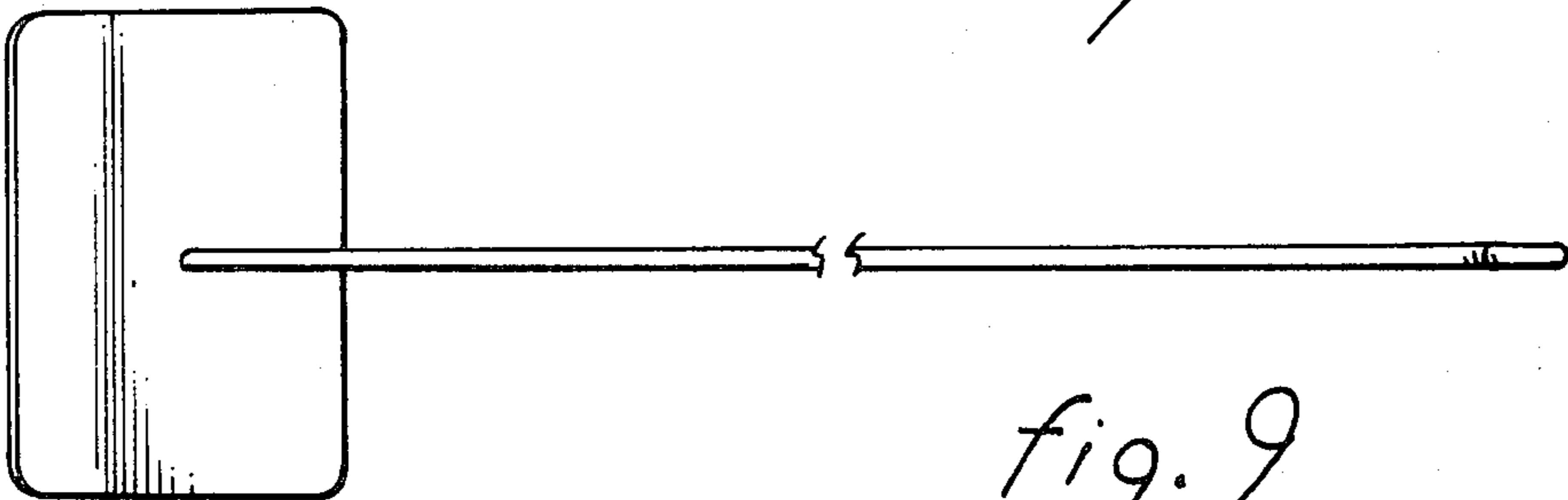


fig. 9

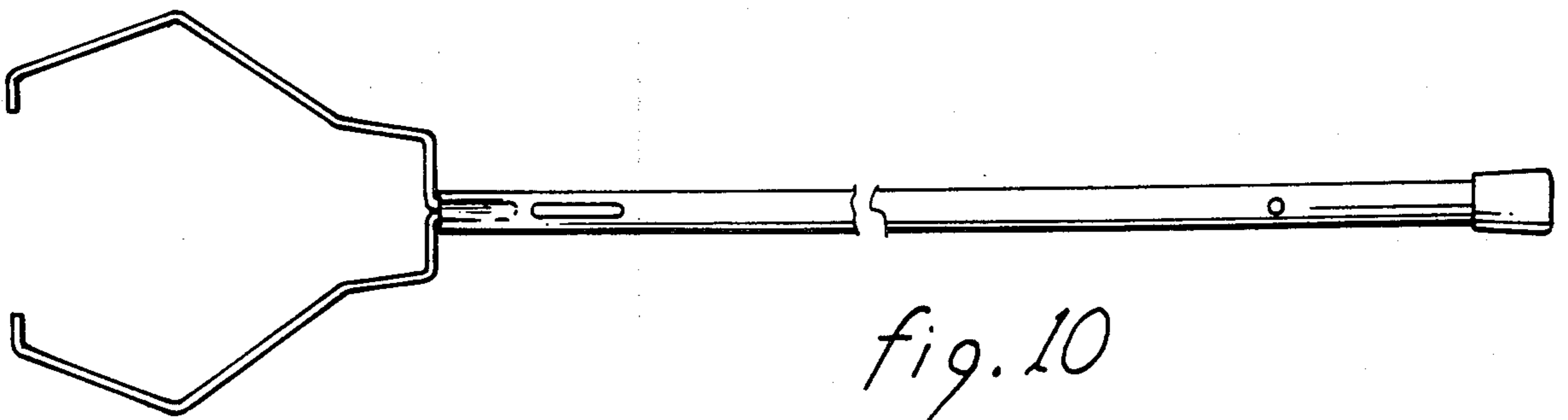


fig. 10