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

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(45) **Date of Patent:** **** Dec. 24, 2013**

(54) **ROTARY TOOL SAFETY BOX AND END
PIECE SET**

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

(21) Appl. No.: **29/429,806**

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Related U.S. Application Data

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filed on Feb. 10, 2010, now Pat. No. Des. 668,129.

(51) **LOC (9) Cl.** **08-05**

(52) **U.S. Cl.**
USPC **D8/354; D8/71**

(58) **Field of Classification Search**
USPC D8/71, 354, 394, 396, 499; 83/471
See application file for complete search history.

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(Continued)

Primary Examiner — Mark Goodwin

(57) **CLAIM**

We claim the ornamental design for a rotary tool safety box
and end piece set, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a rotary tool safety box and end
piece set showing our new design;

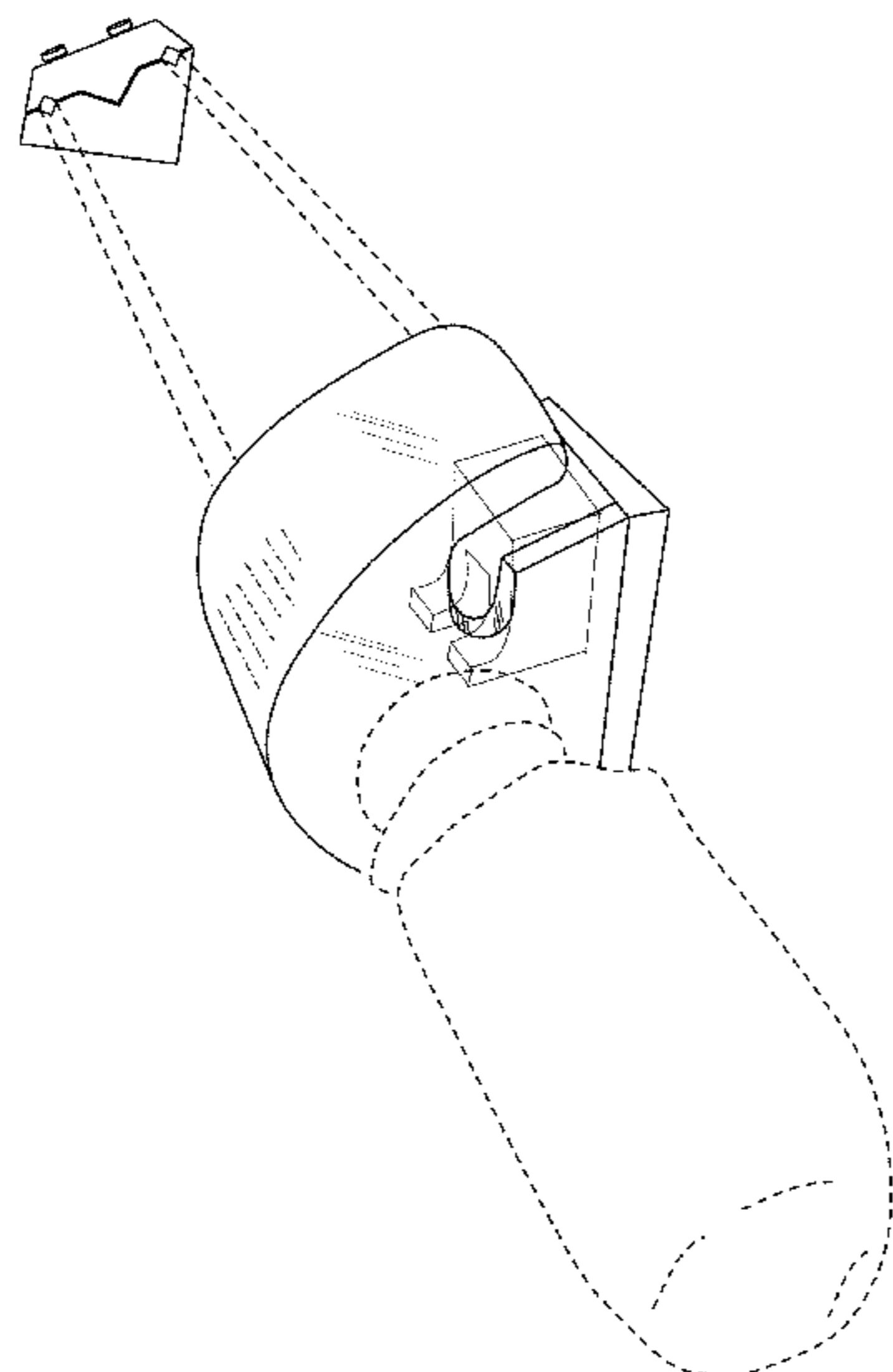


FIG. 2 is a left perspective view of the rotary tool safety box,
shown in two pieces;

FIG. 3 is a front view thereof, shown in two pieces;

FIG. 4 is a back view thereof, shown in two pieces;

FIG. 5 is a right view thereof, shown in two pieces;

FIG. 6 is a left view thereof, shown in two pieces;

FIG. 7 is a top view thereof, shown in two pieces;

FIG. 8 is a bottom view thereof, shown in two pieces;

FIG. 9 is a right perspective view of the rotary tool safety box,
shown in two pieces;

FIG. 10 is a perspective view of the end piece, shown in two
pieces;

FIG. 11 is a front view thereof, shown in two pieces;

FIG. 12 is a back view thereof, shown in two pieces;

FIG. 13 is a right view thereof, shown in two pieces;

FIG. 14 is a left view thereof, shown in two pieces;

FIG. 15 is a top view thereof, shown in two pieces; and,

FIG. 16 is a bottom view thereof, shown in two pieces.

Our rotary tool safety box and end piece set is characterized
by:

a) a safety box (FIGS. 2-9) with generally rounded top form-
ing a transparent shield and a flat bottom and two sides, a left
side adapted to mate with a rotary tool, a right side having
bolts to mate with optional extension shafts, and an option for
connecting a vacuum,

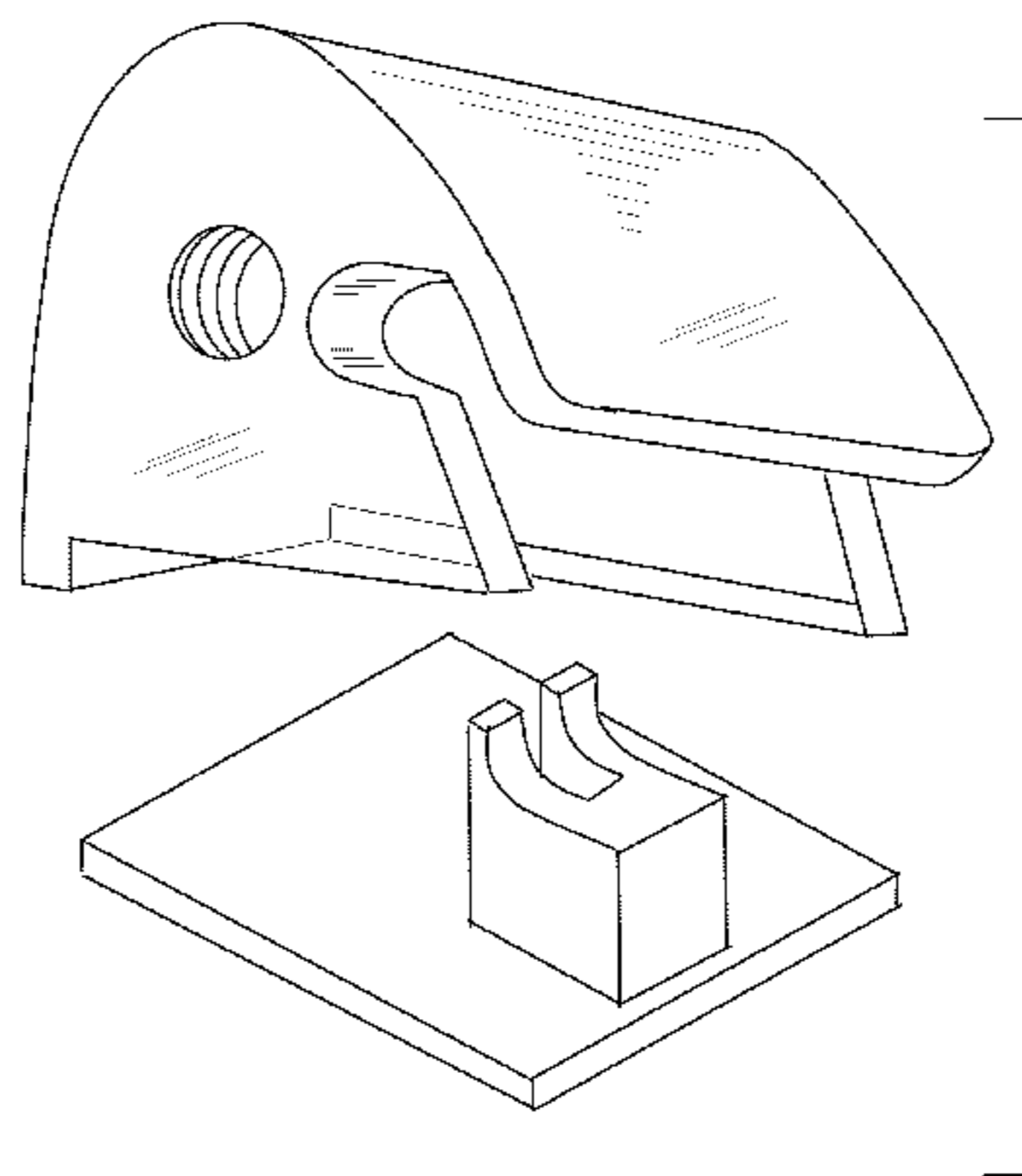
i) a cutting table formed in the bottom of the safety box,

ii) access cutouts on the two sides, and

b) an optional end piece (FIGS. 10-16), comprising a end
piece bottom and an end piece top, which may be held
together with bolts to clamp said extension shafts, said exten-
sion shafts optionally attached to the safety box bolts, having
a slot or conical impression in the end piece top to selectively
engage an end of an article being worked on.

The broken line showing in FIG. 1 is included for the purpose
of illustrating environmental structure only and forms no part
of the claimed design.

1 Claim, 12 Drawing Sheets



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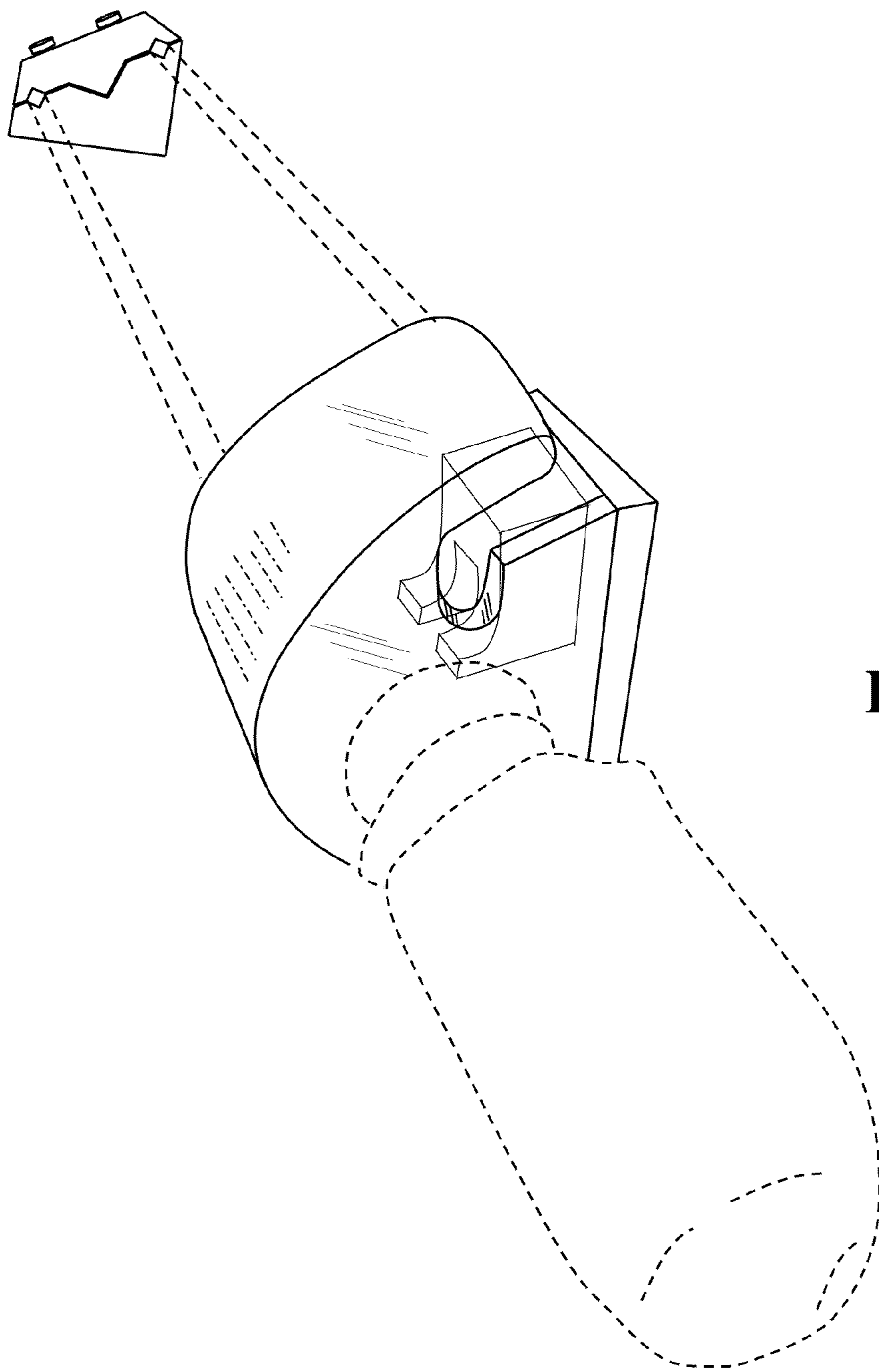


Fig. 1

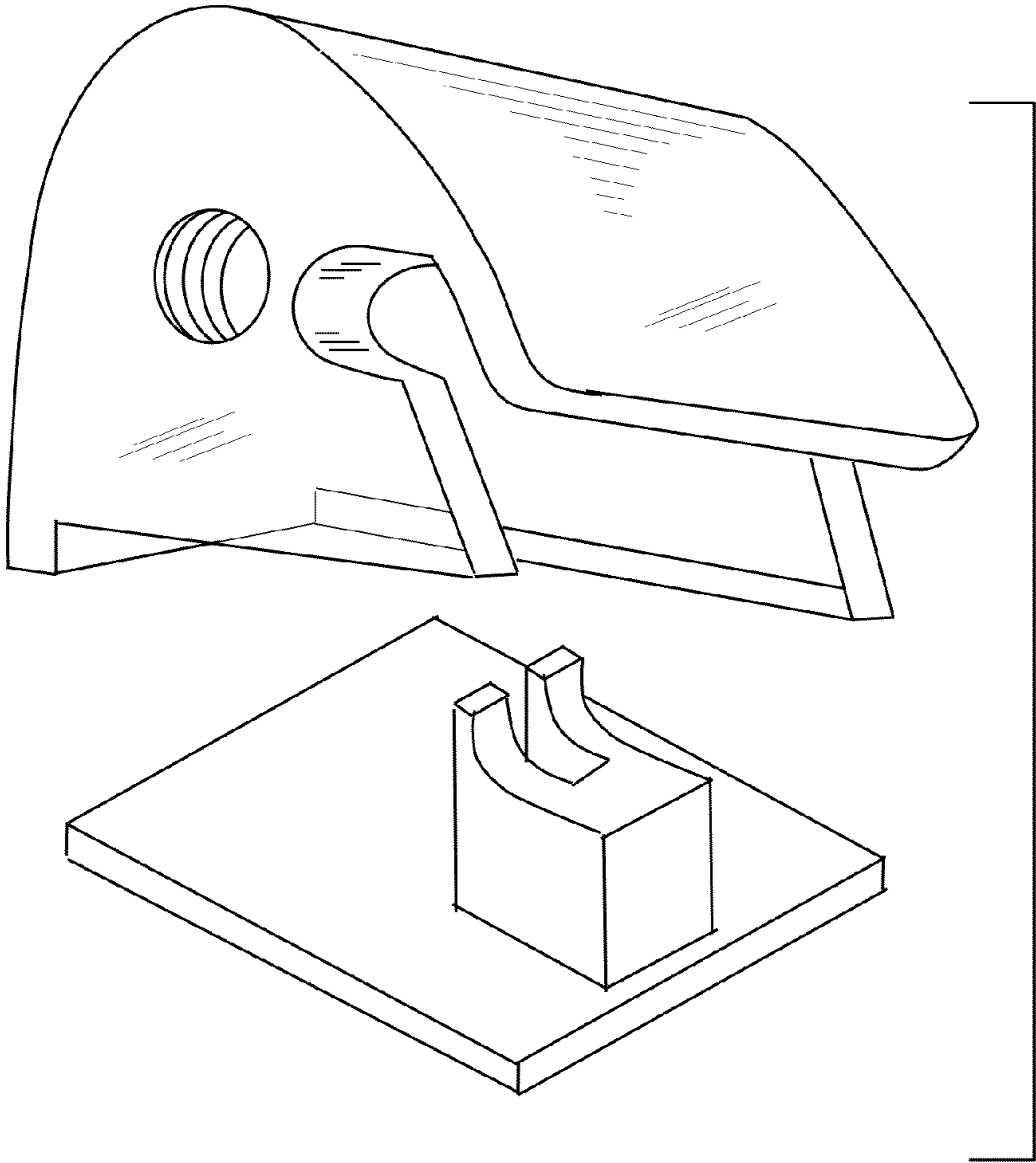


Fig. 2

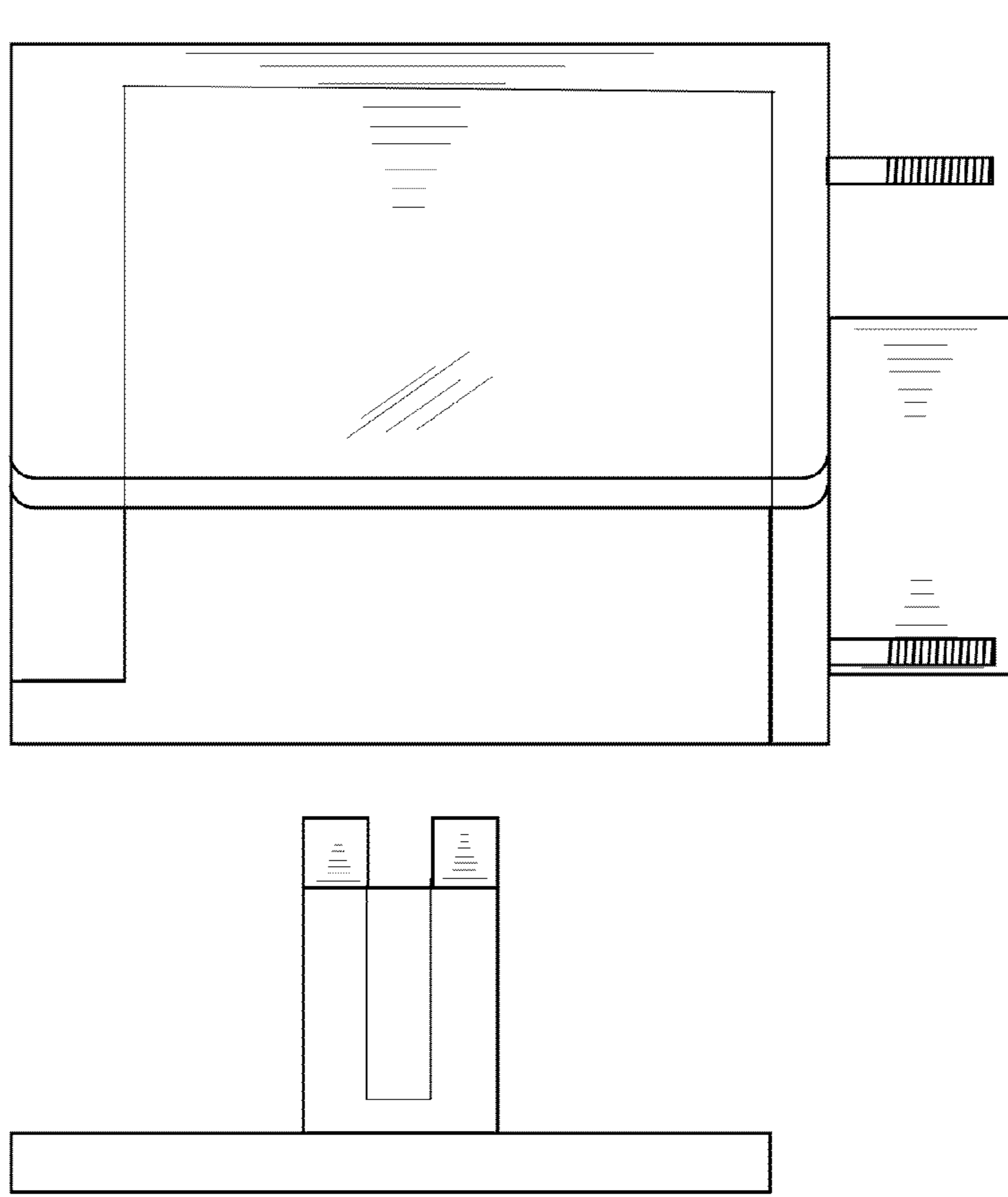


Fig. 3

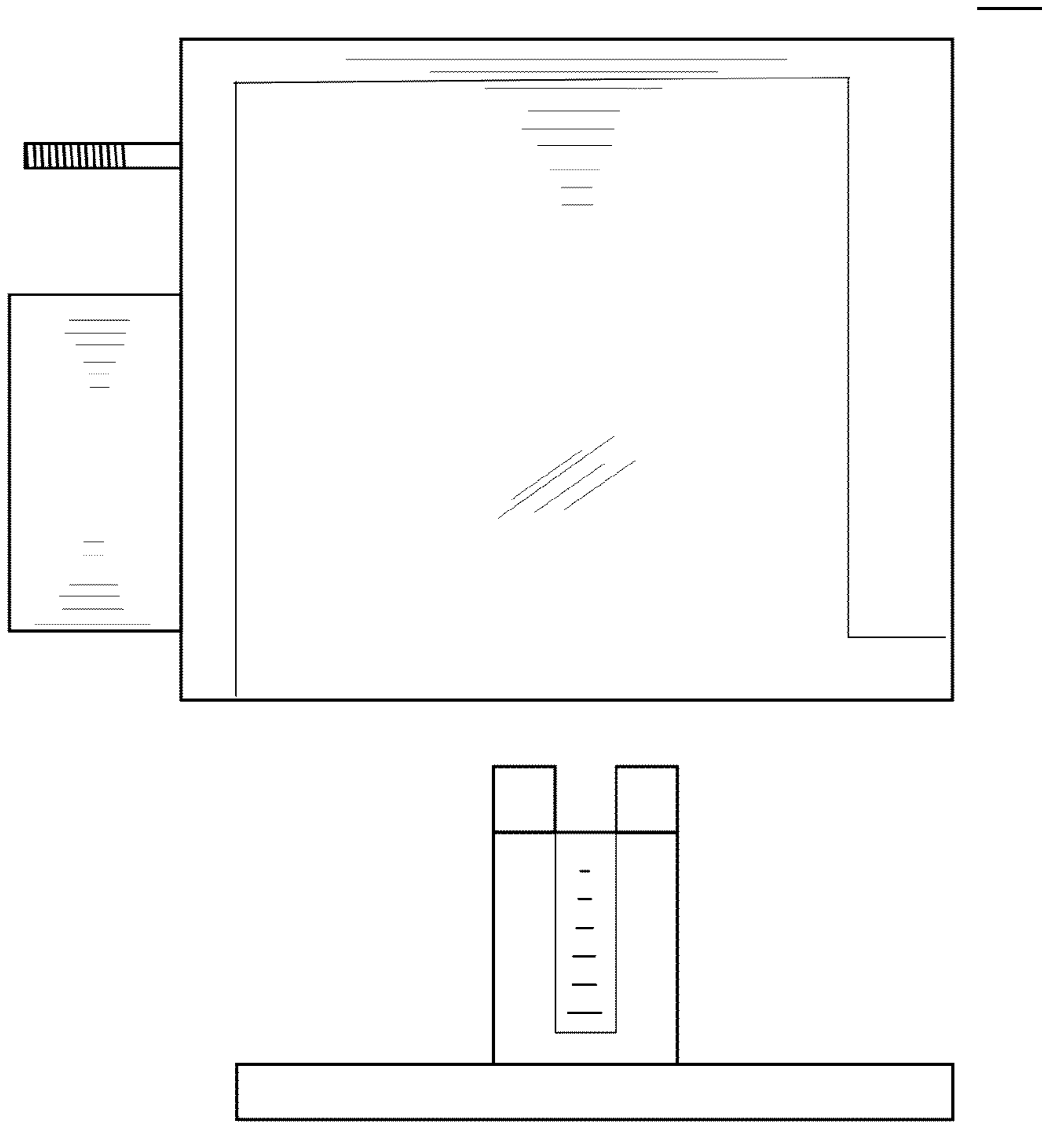


Fig. 4

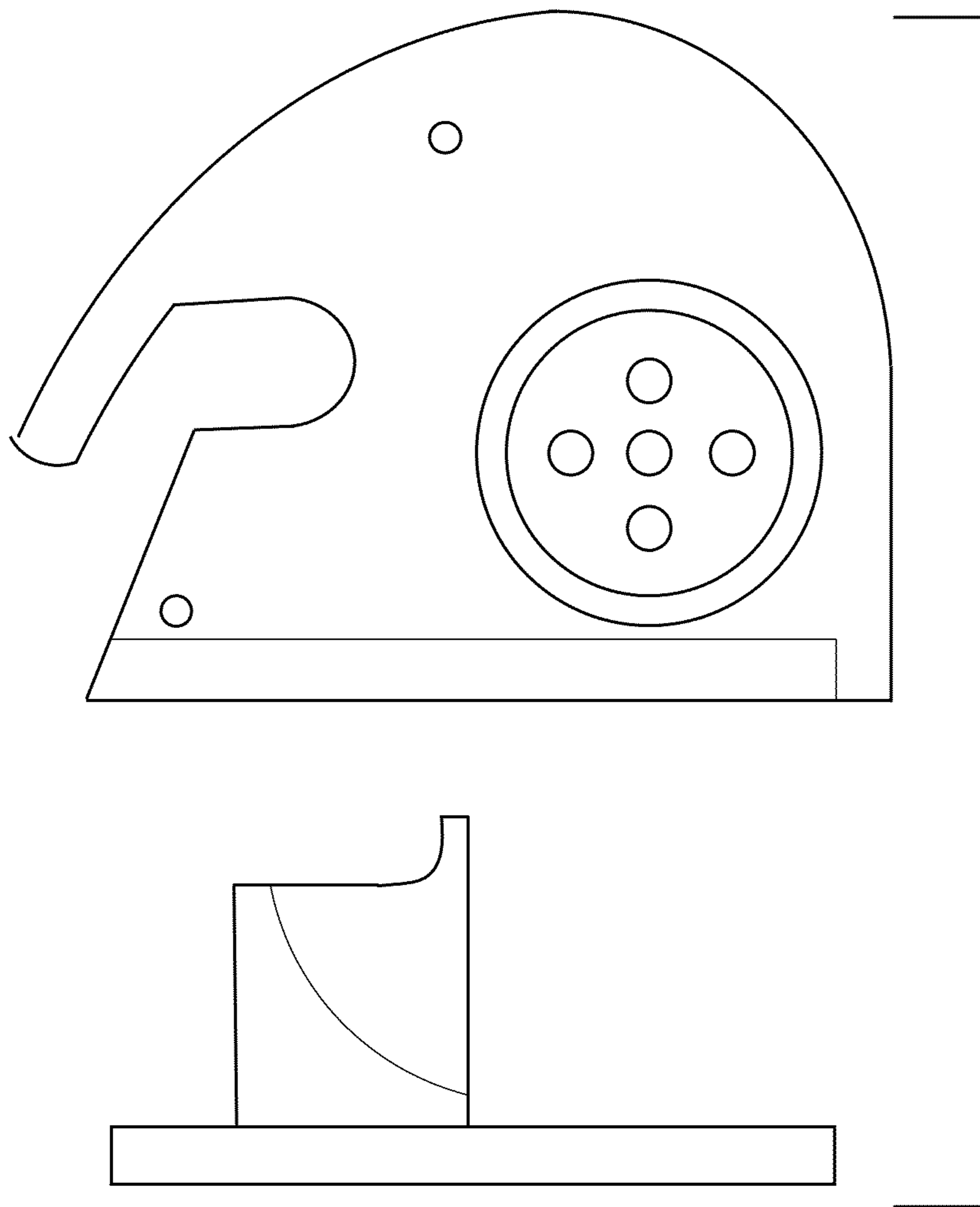


Fig. 5

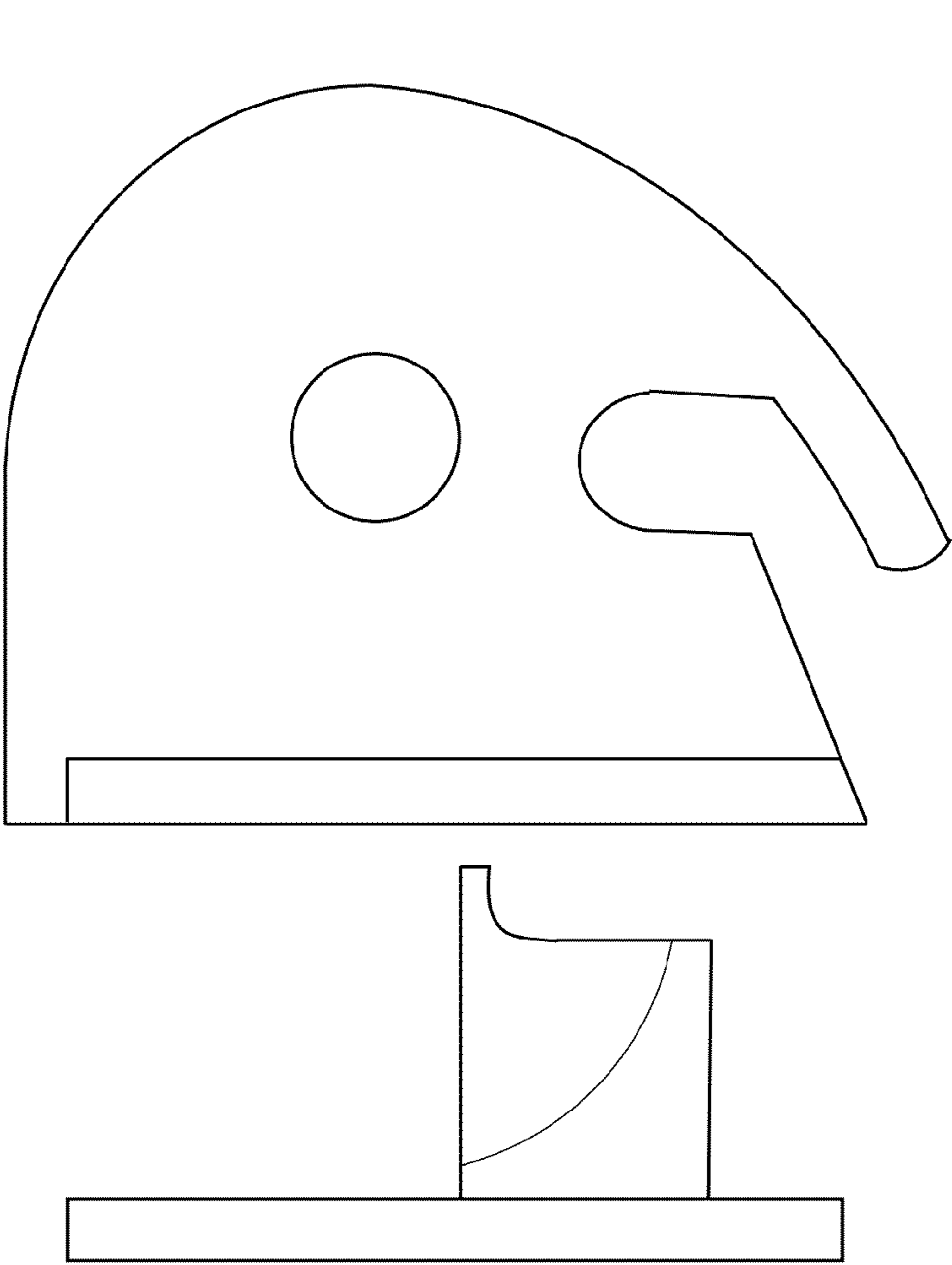


Fig. 6

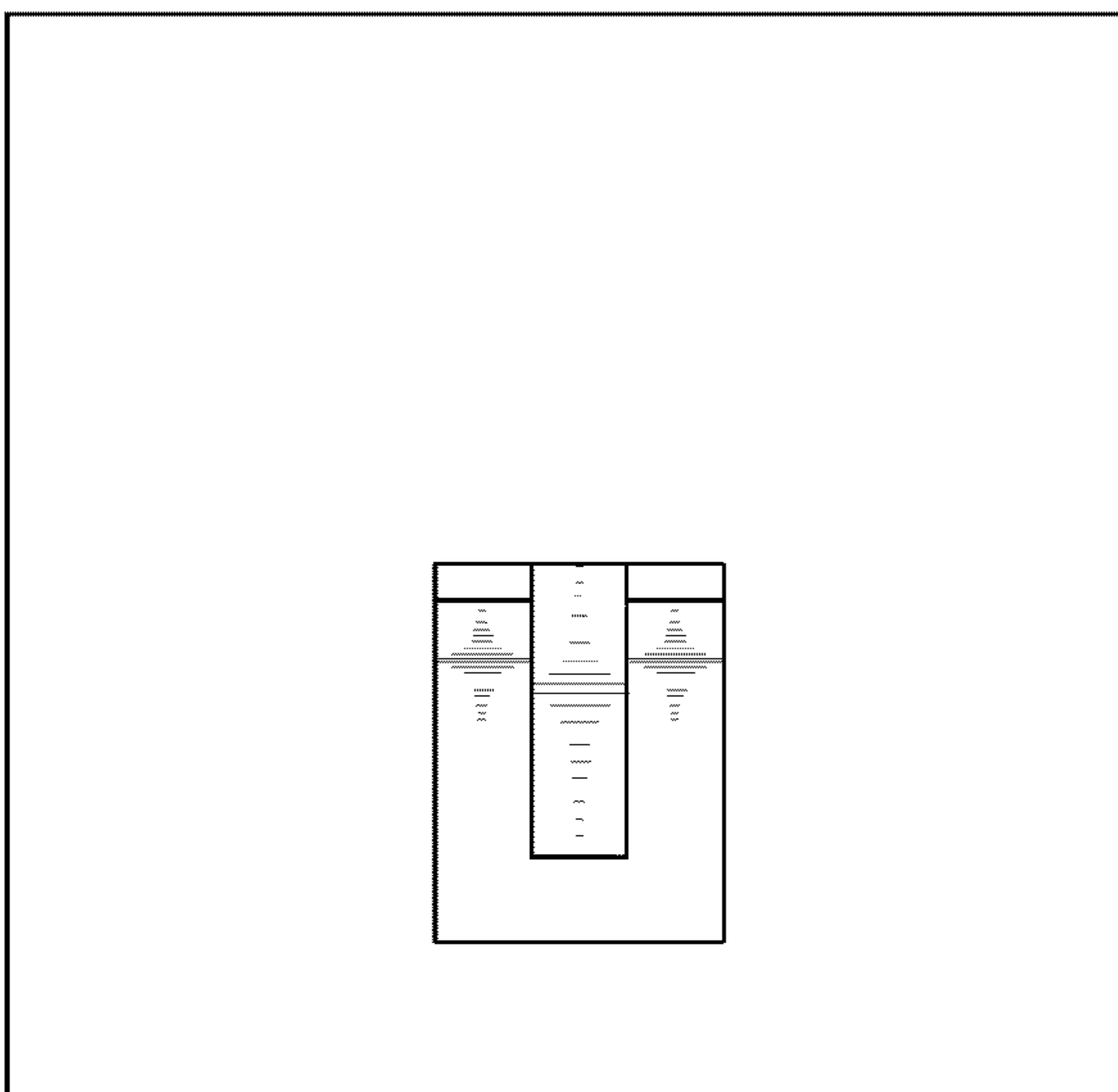
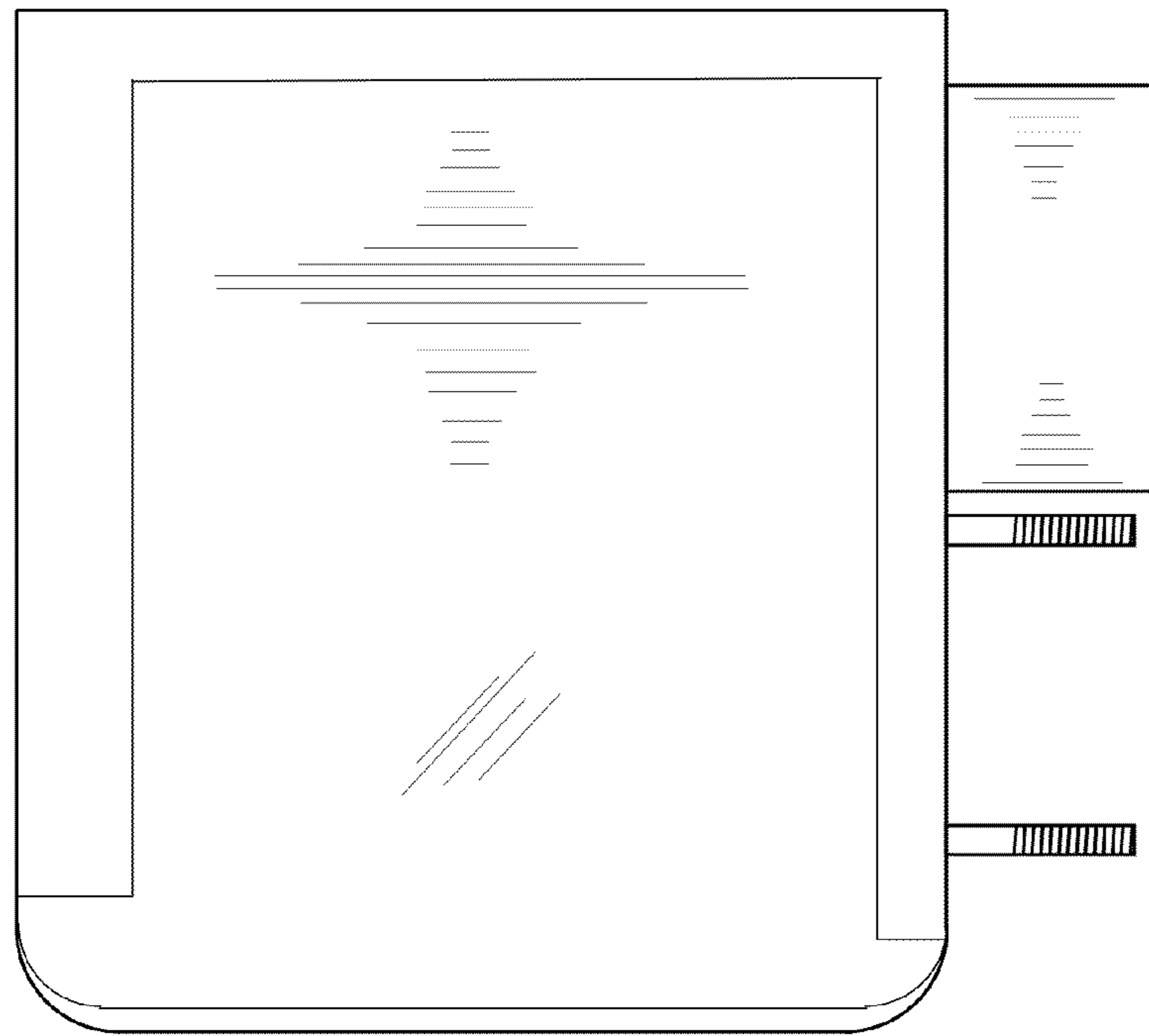
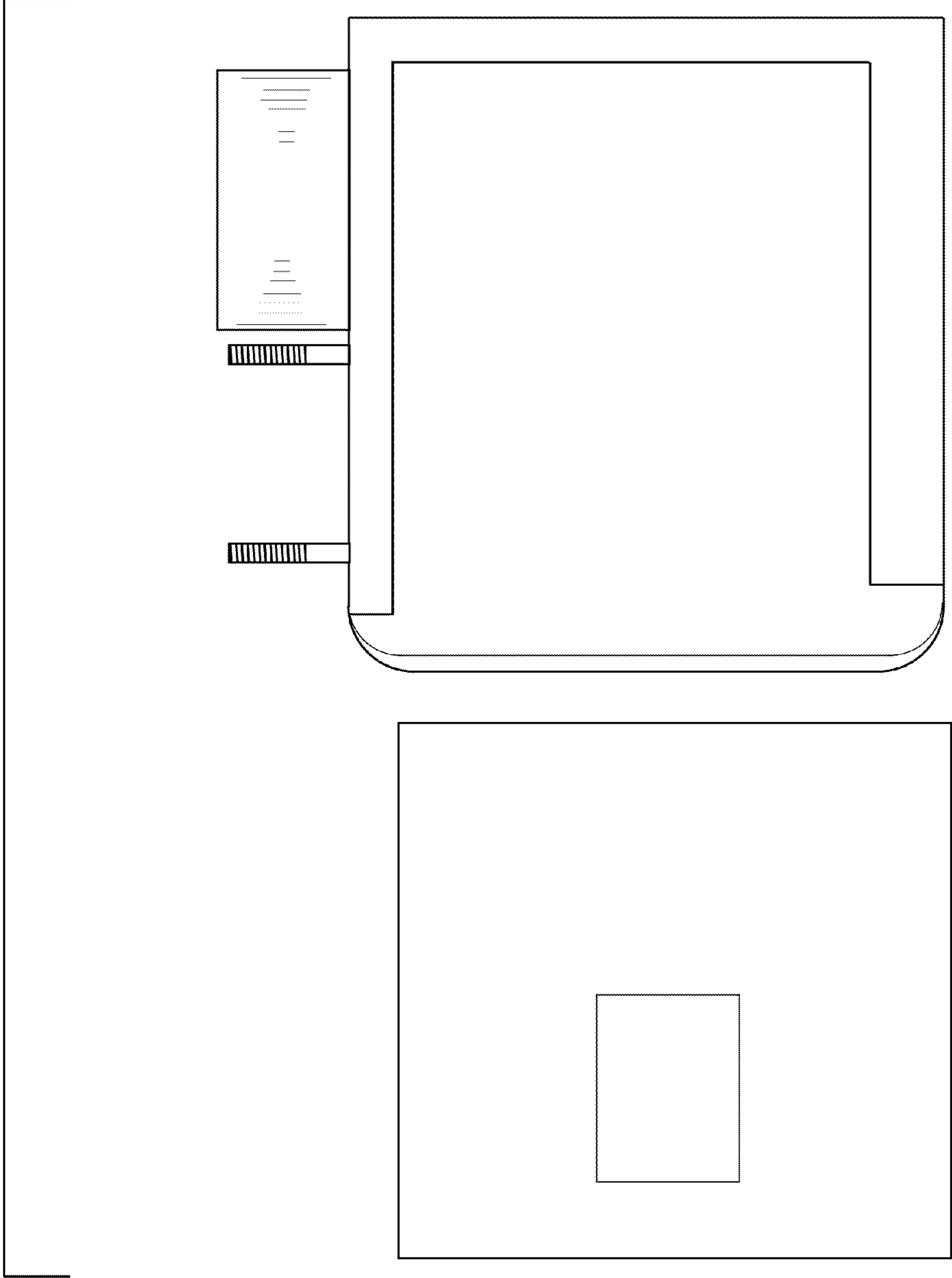


Fig. 7

Fig. 8



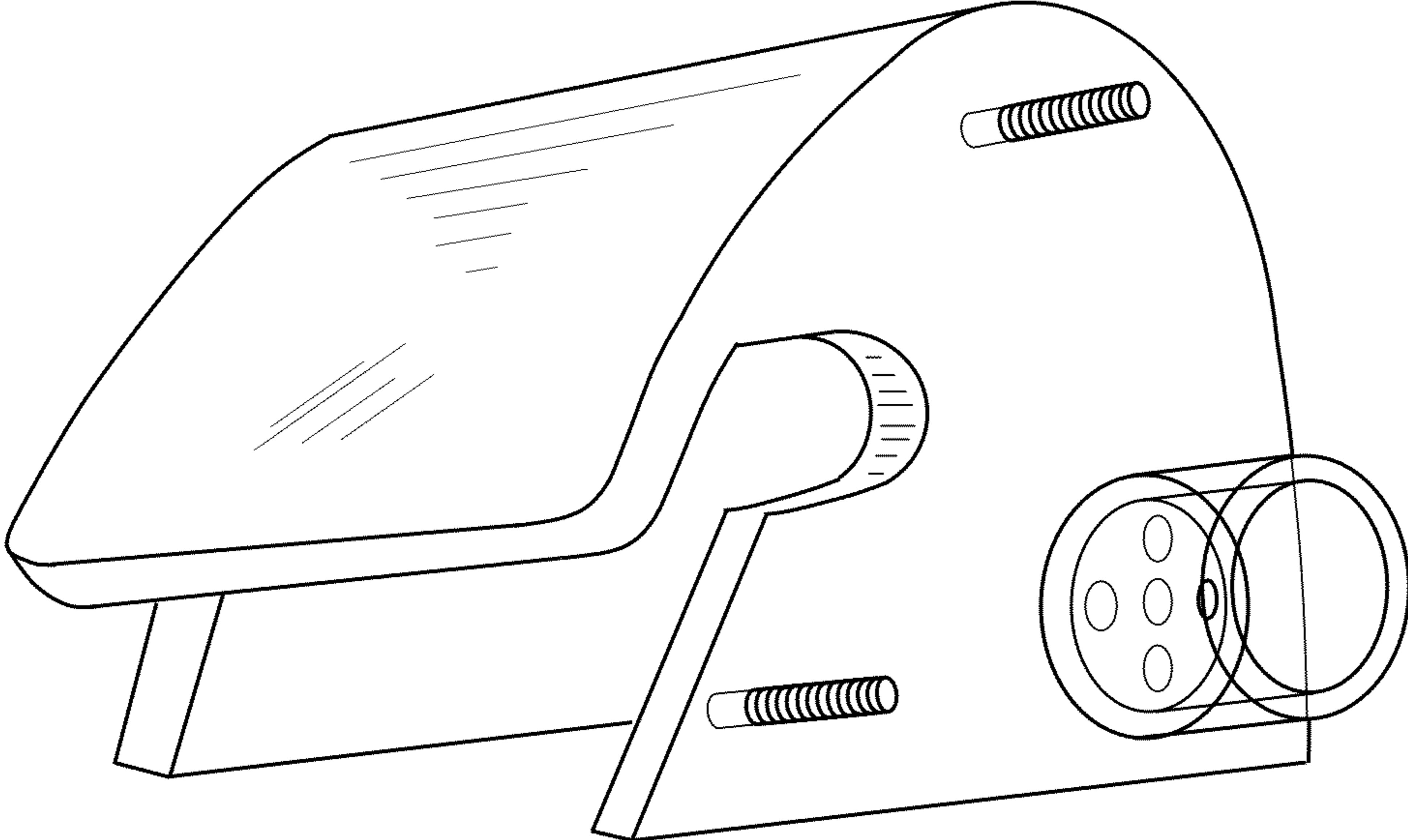


Fig. 9

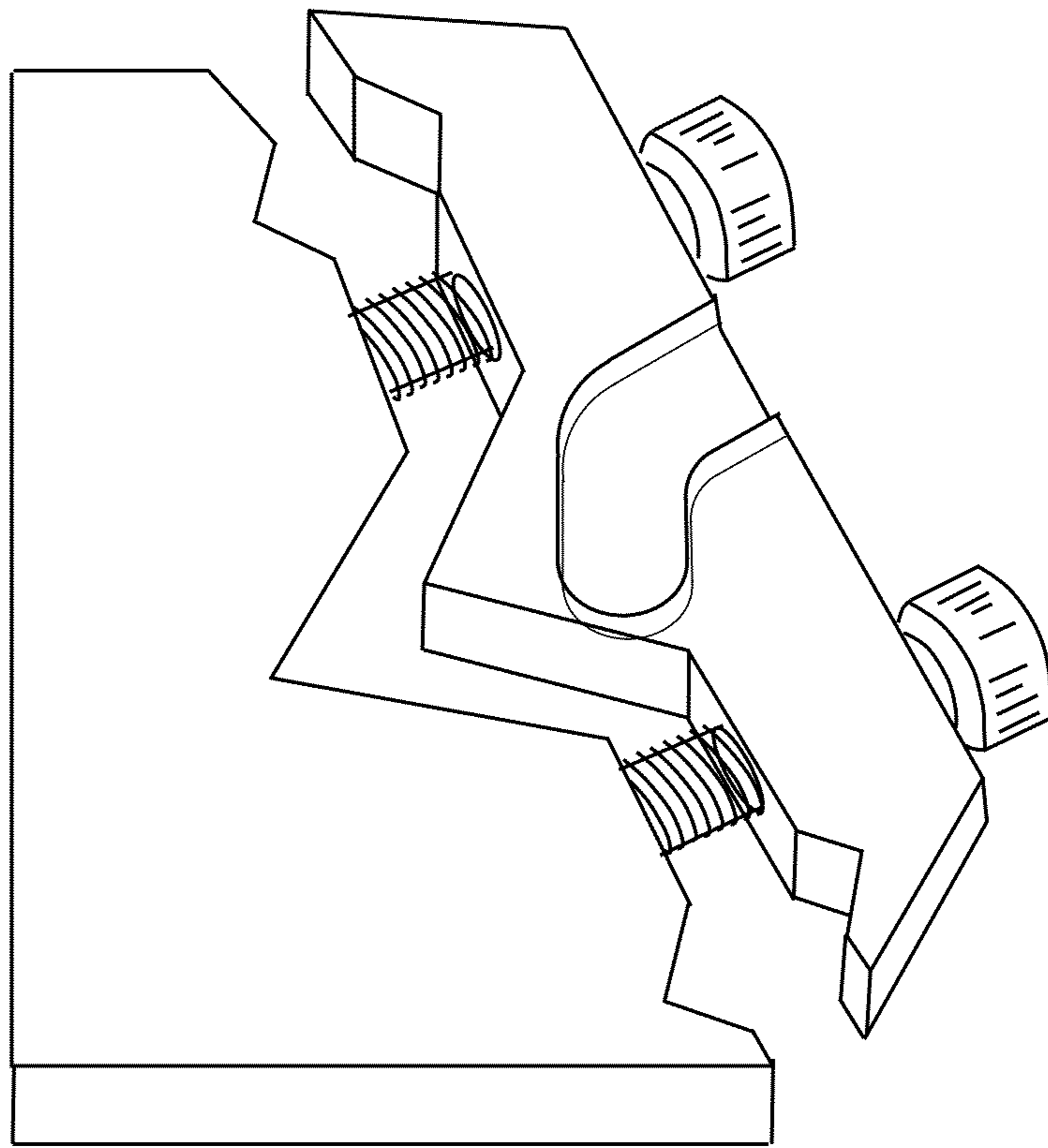


Fig. 10

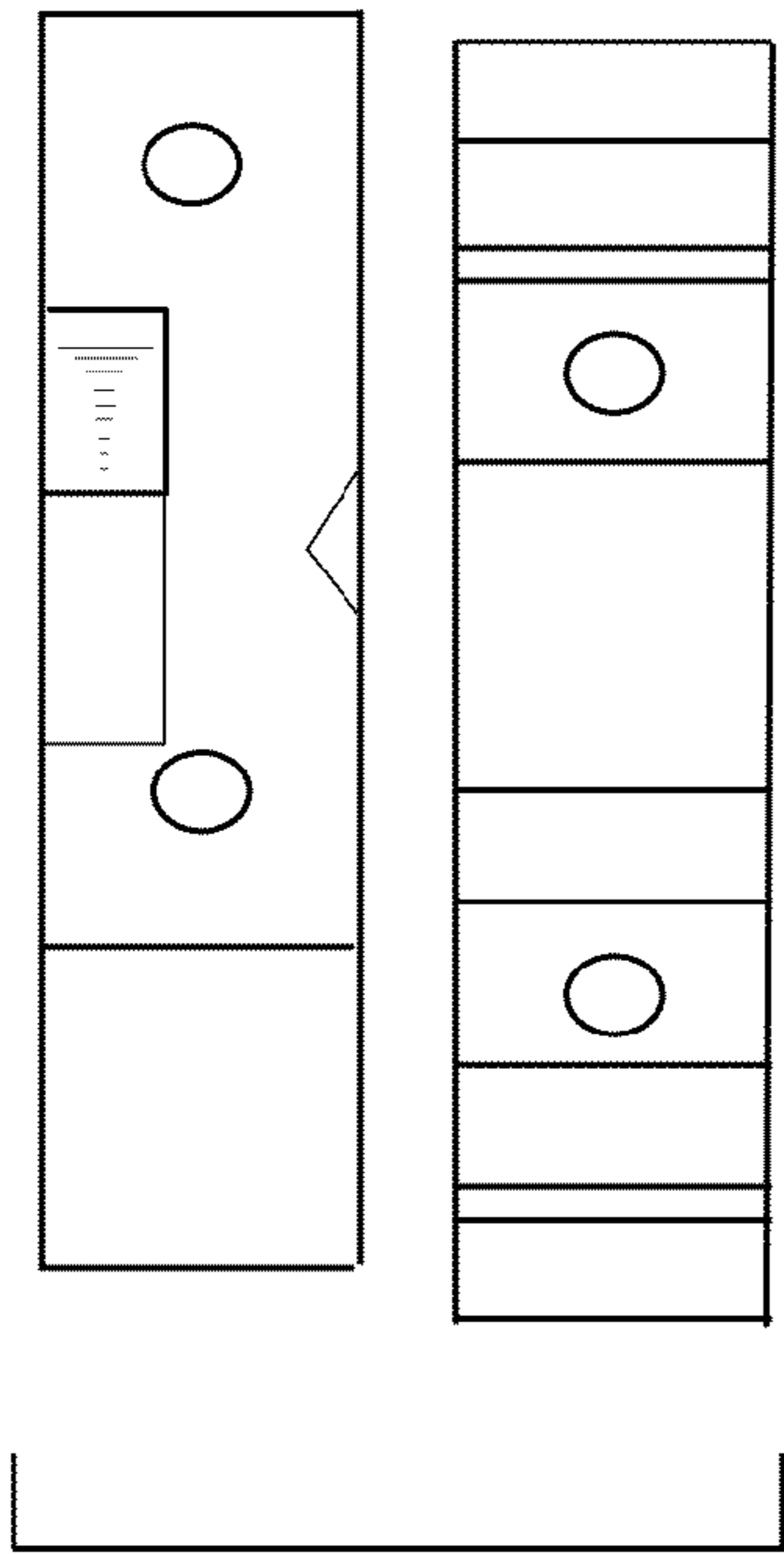


Fig. 11

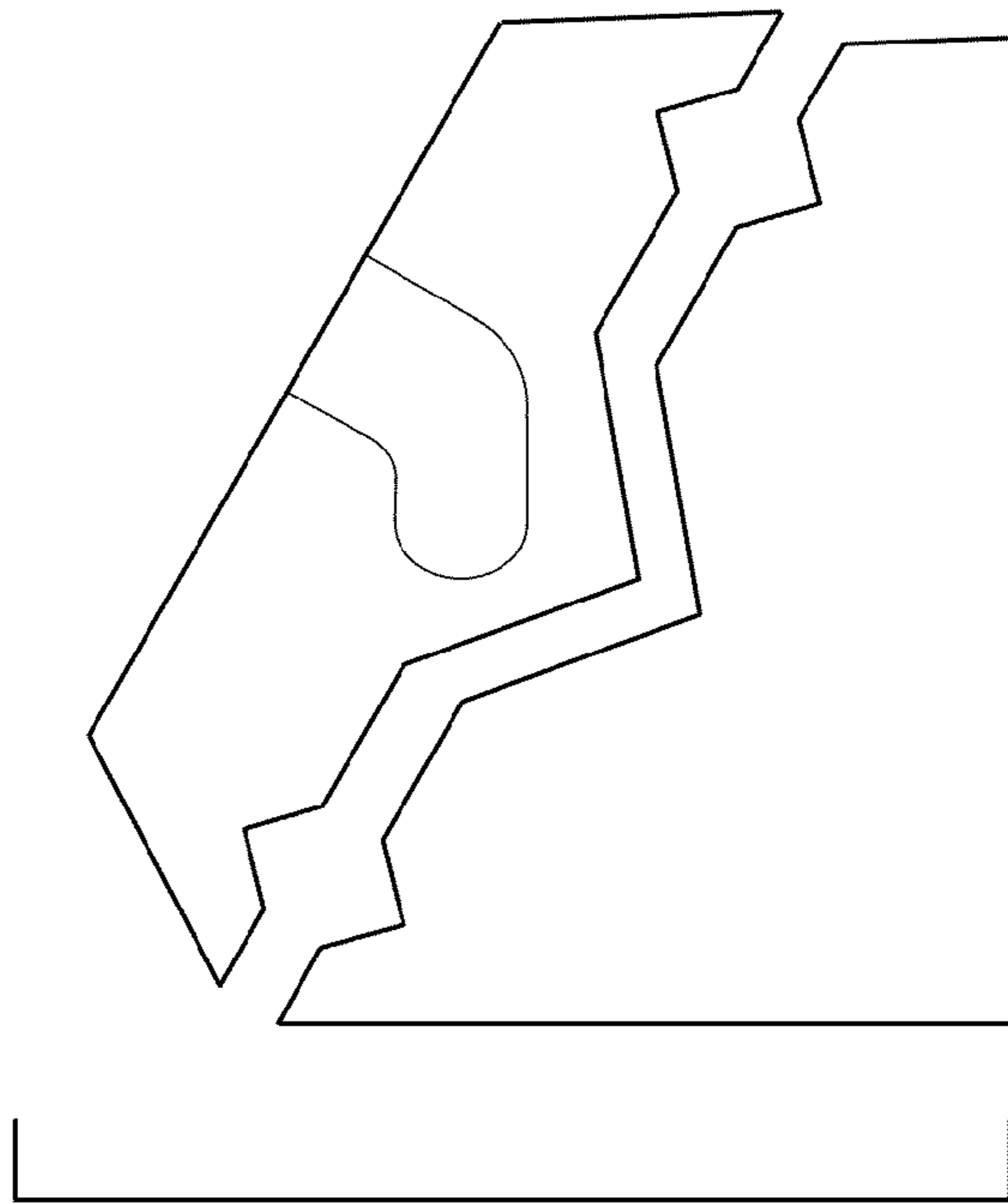
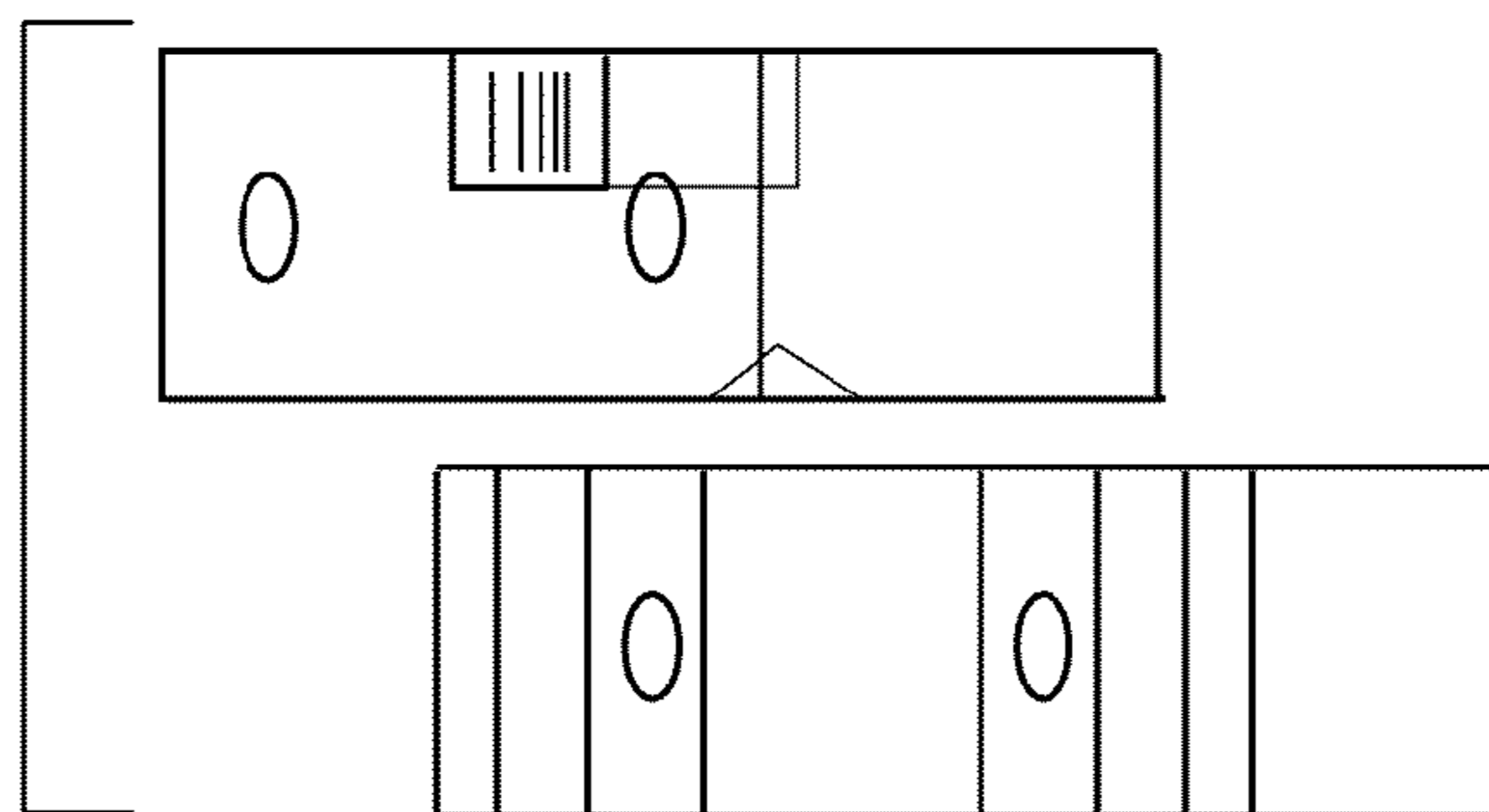


Fig. 13

Fig. 15



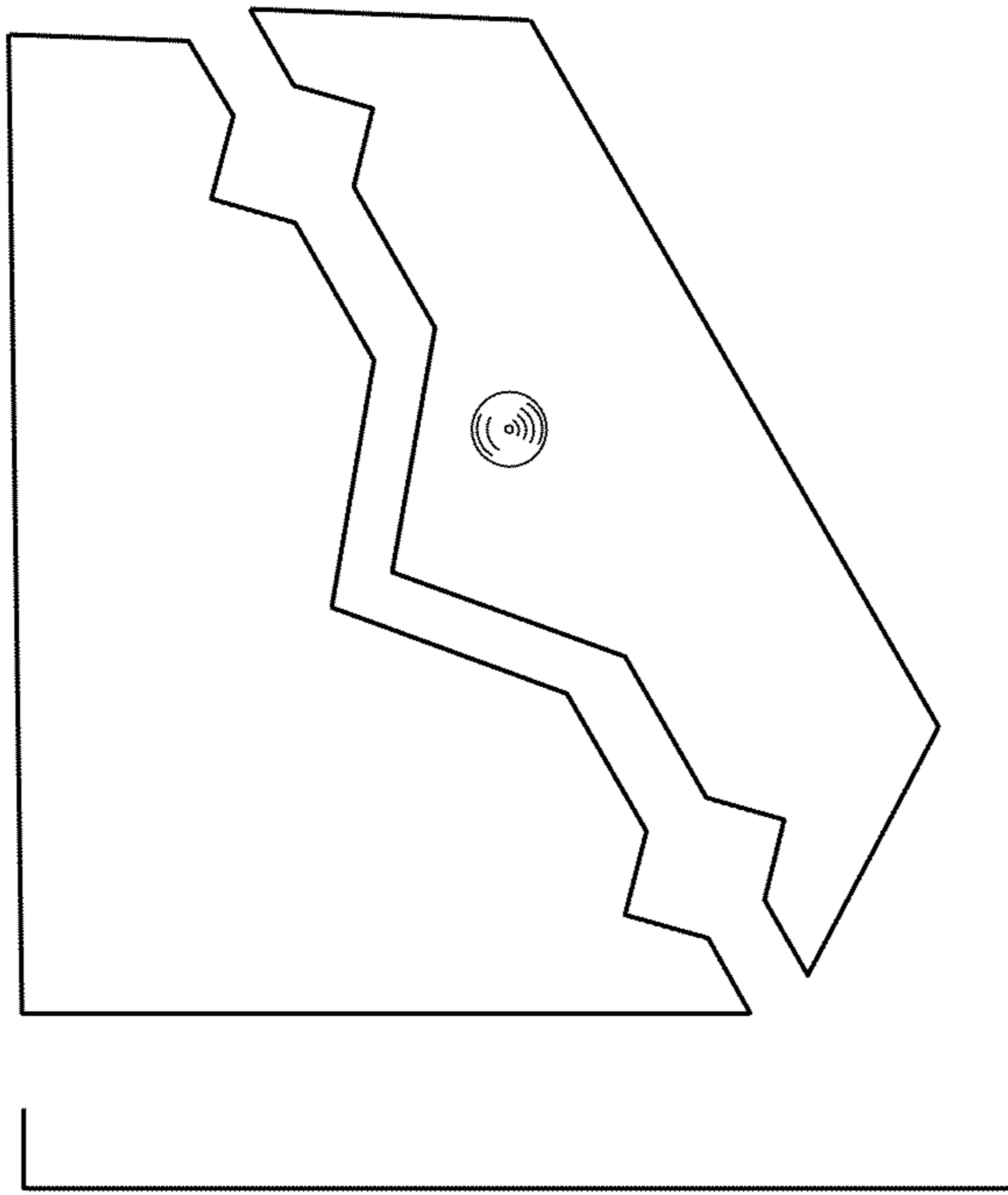


Fig. 14

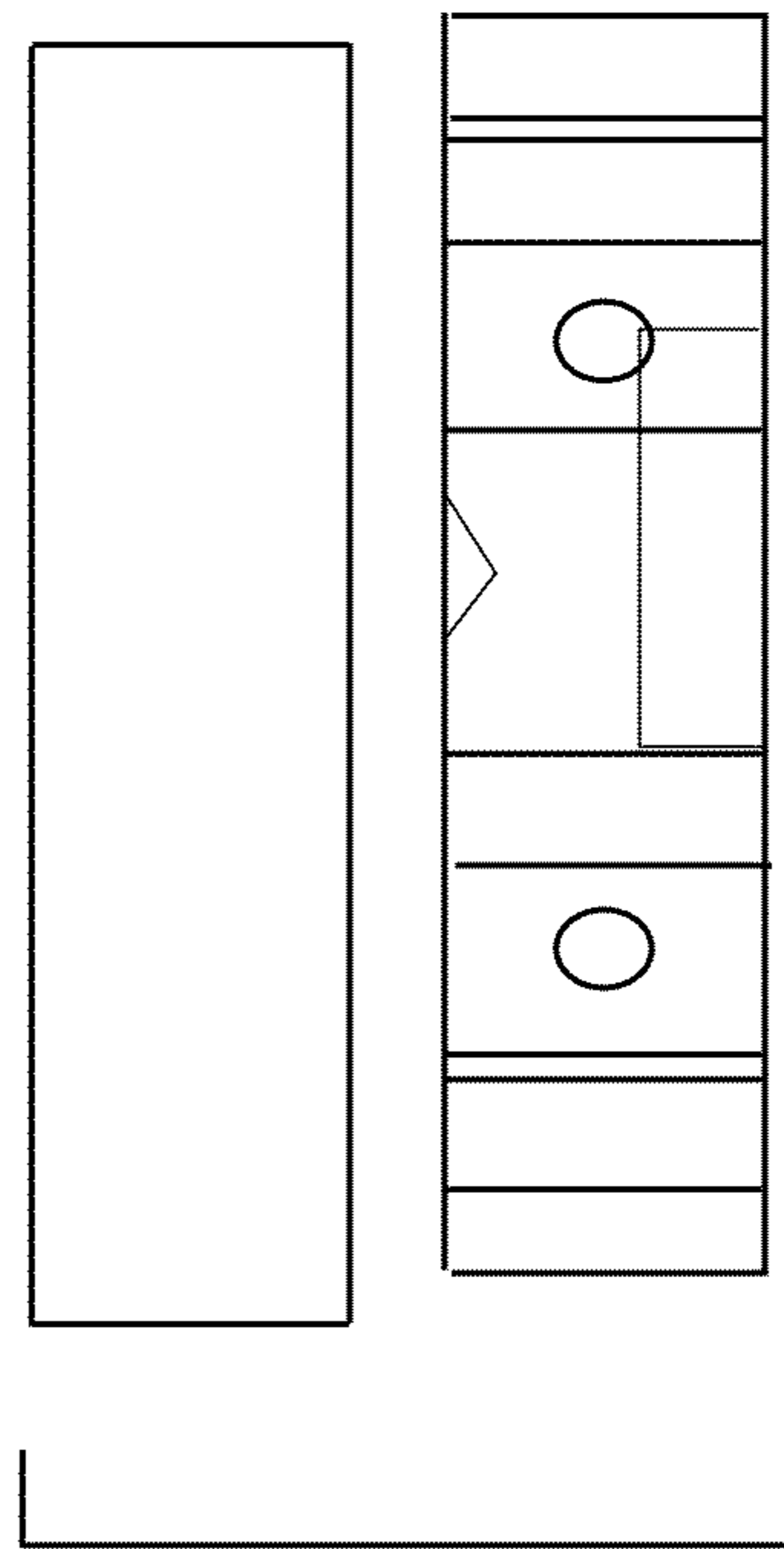


Fig. 12

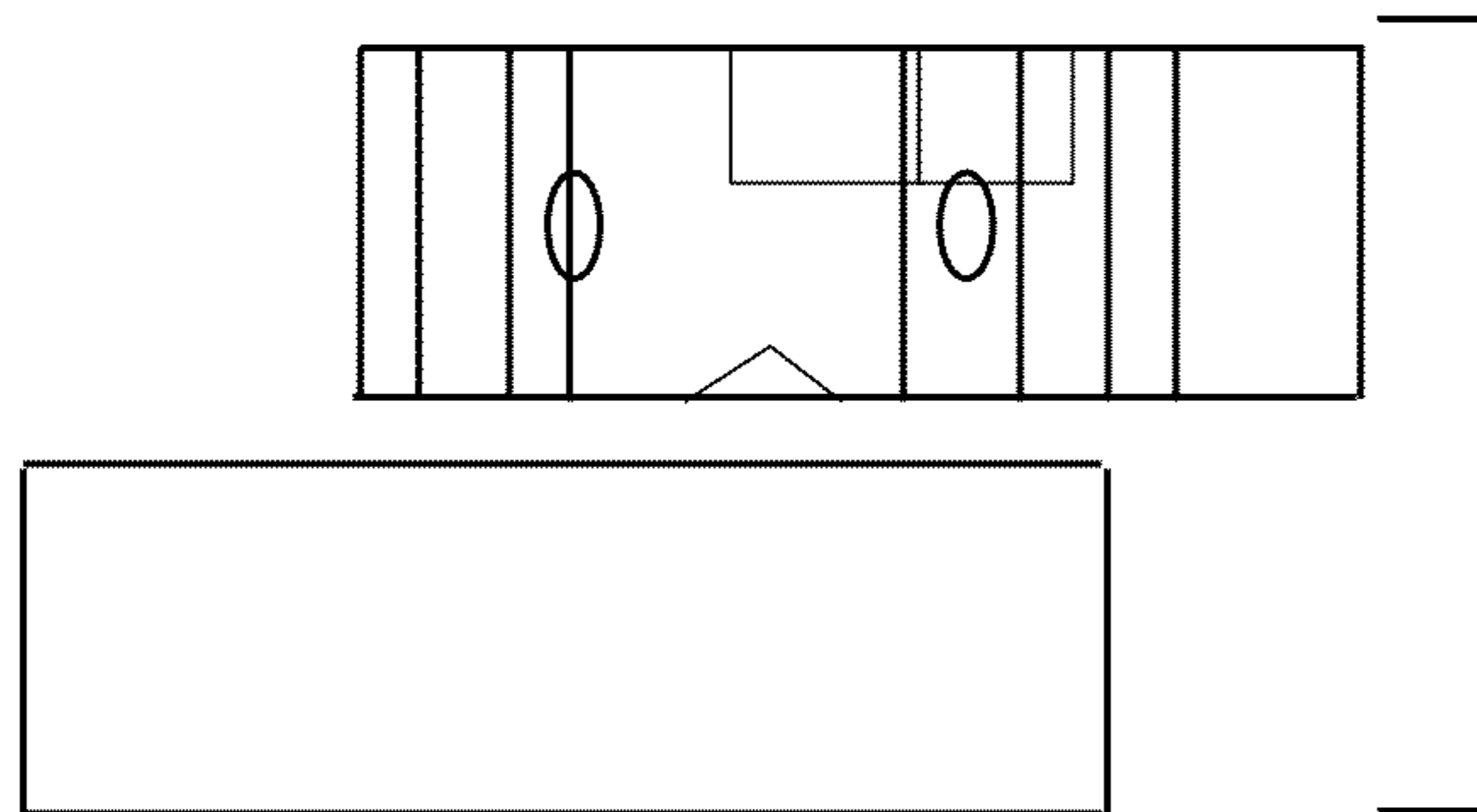


Fig. 16