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

(10) **Patent No.:** **US D610,096 S**
(45) **Date of Patent:** **** Feb. 16, 2010**

(54) **HUMAN-MACHINE INTERFACE FOR ELECTRICAL PROTECTION DEVICES**

D541,798 S * 5/2007 Ichida et al. D14/371

OTHER PUBLICATIONS

(75) Inventors: **Carlo Gemme**, Pavia (IT); **Gabriele Suardi**, Endine Gaiano (IT); **Massimo Bresciani**, Bergamo (IT); **Luciano Di Maio**, Milan (IT)

ABB Power Technologies S.p.A., REF542plus- ProtectIT Multifunction Protection and Switchgear Control Unit, 1VCP000059 en-Leaflet-2004.01.

* cited by examiner

(73) Assignee: **ABB Technology AB**, Zurich (CH)

Primary Examiner—Daniel D Bui

Assistant Examiner—Thomas J Johannes

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

(74) *Attorney, Agent, or Firm*—Connolly Bove Lodge & Hutz LLP

(21) Appl. No.: **29/294,696**

(57) **CLAIM**

(22) Filed: **Jul. 30, 2007**

The ornamental design for a human-machine interface for electrical protection devices, as shown and described.

Related U.S. Application Data

DESCRIPTION

(62) Division of application No. 29/246,239, filed on Mar. 27, 2006, now Pat. No. Des. 559,792.

FIG. 1 is a perspective view of a first embodiment of a human-machine interface for electrical protection devices;

(30) **Foreign Application Priority Data**

Sep. 28, 2005 (EM) 000407697

FIG. 2 is a front view of said first embodiment of a human-machine interface for electrical protection devices;

(51) **LOC (9) Cl.** **13-03**

(52) **U.S. Cl.** **D13/162; D13/164**

FIG. 3 is a rear view of said first embodiment of a human-machine interface for electrical protection devices;

(58) **Field of Classification Search** D13/158, D13/162, 164, 177, 184; D14/371; D15/138; 700/180; 137/78.2, 78.3, 312, 80; 165/104.33; 174/50; 200/16 A, 242, 243, 35 R, 408, 522, 200/5 R, 6 R, 61.04, 61.62; 239/201, 272, 239/70, 548, 7, 63, 69; 324/664, 696; 335/132
See application file for complete search history.

FIG. 4 is a bottom view of said first embodiment of a human-machine interface for electrical protection devices;

FIG. 5 is a top view of said first embodiment of a human-machine interface for electrical protection devices;

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FIG. 6 is a right view of said first embodiment of a human-machine interface for electrical protection devices;

FIG. 7 is a left view of said first embodiment of a human-machine interface for electrical protection devices;

FIG. 8 is a perspective view of a second embodiment of a human-machine interface for electrical protection devices;

FIG. 9 is a front view of said second embodiment of a human-machine interface for electrical protection devices;

FIG. 10 is a rear view of said second embodiment of a human-machine interface for electrical protection devices;

FIG. 11 is a bottom view of said second embodiment of a human-machine interface for electrical protection devices;

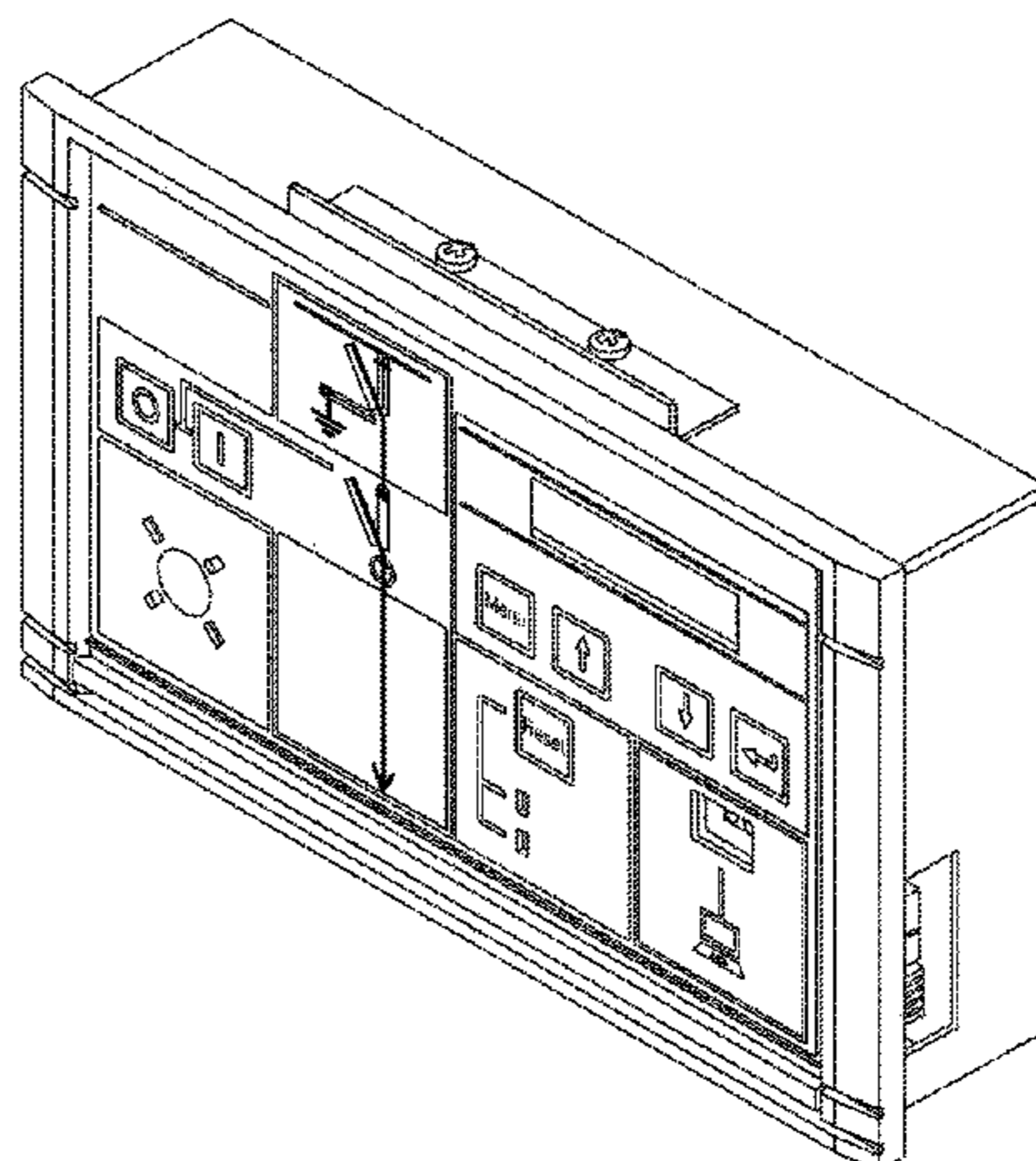


FIG. **12** is a top view of said second embodiment of a human-machine interface for electrical protection devices;

FIG. **13** is a right view of said second embodiment of a human-machine interface for electrical protection devices;

FIG. **14** is a left view of said second embodiment of a human-machine interface for electrical protection devices;

FIG. **15** is a perspective view of a third embodiment of a human-machine interface for electrical protection devices;

FIG. **16** is a front view of said third embodiment of a human-machine interface for electrical protection devices;

FIG. **17** is a rear view of said third embodiment of a human-machine interface for electrical protection devices;

FIG. **18** is a bottom view of said third embodiment of a human-machine interface for electrical protection devices;

FIG. **19** is a top view of said third embodiment of a human-machine interface for electrical protection devices;

FIG. **20** is a right view of said third embodiment of a human-machine interface for electrical protection devices;

FIG. **21** is a left view of said third embodiment of a human-machine interface for electrical protection devices;

FIG. **22** is a perspective view of a fourth embodiment of a human-machine interface for electrical protection devices;

FIG. **23** is a front view of a fourth embodiment of a human-machine interface for electrical protection devices;

FIG. **24** is a rear view of said fourth embodiment of a human-machine interface for electrical protection devices;

FIG. **25** is a bottom view of said fourth embodiment of a human-machine interface for electrical protection devices;

FIG. **26** is a top view of said fourth embodiment of a human-machine interface for electrical protection devices;

FIG. **27** is a right view of said fourth embodiment of a human-machine interface for electrical protection devices; and,

FIG. **28** is a left view of said fourth embodiment of a human-machine interface for electrical protection devices;

1 Claim, 28 Drawing Sheets

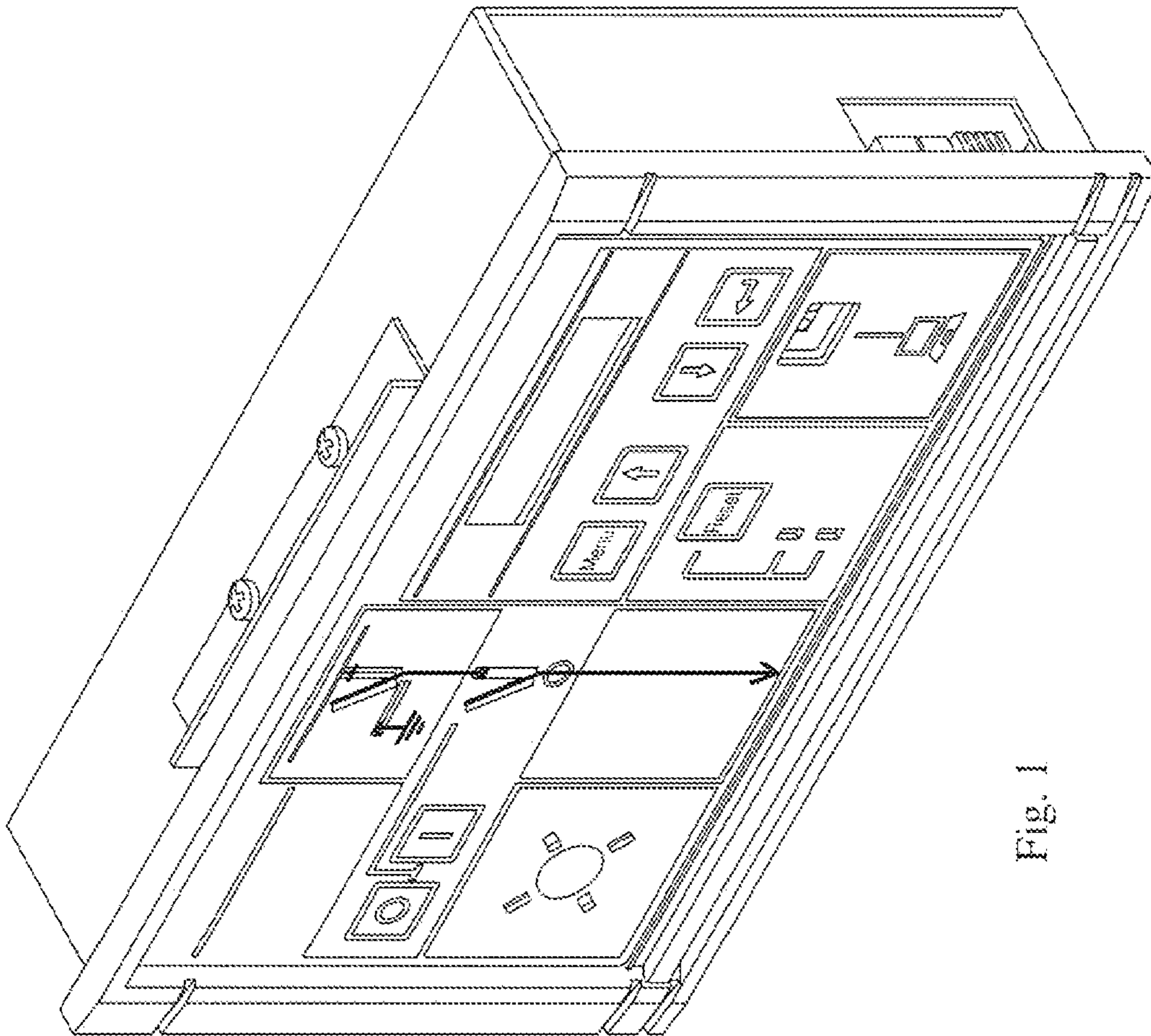


Fig. 1

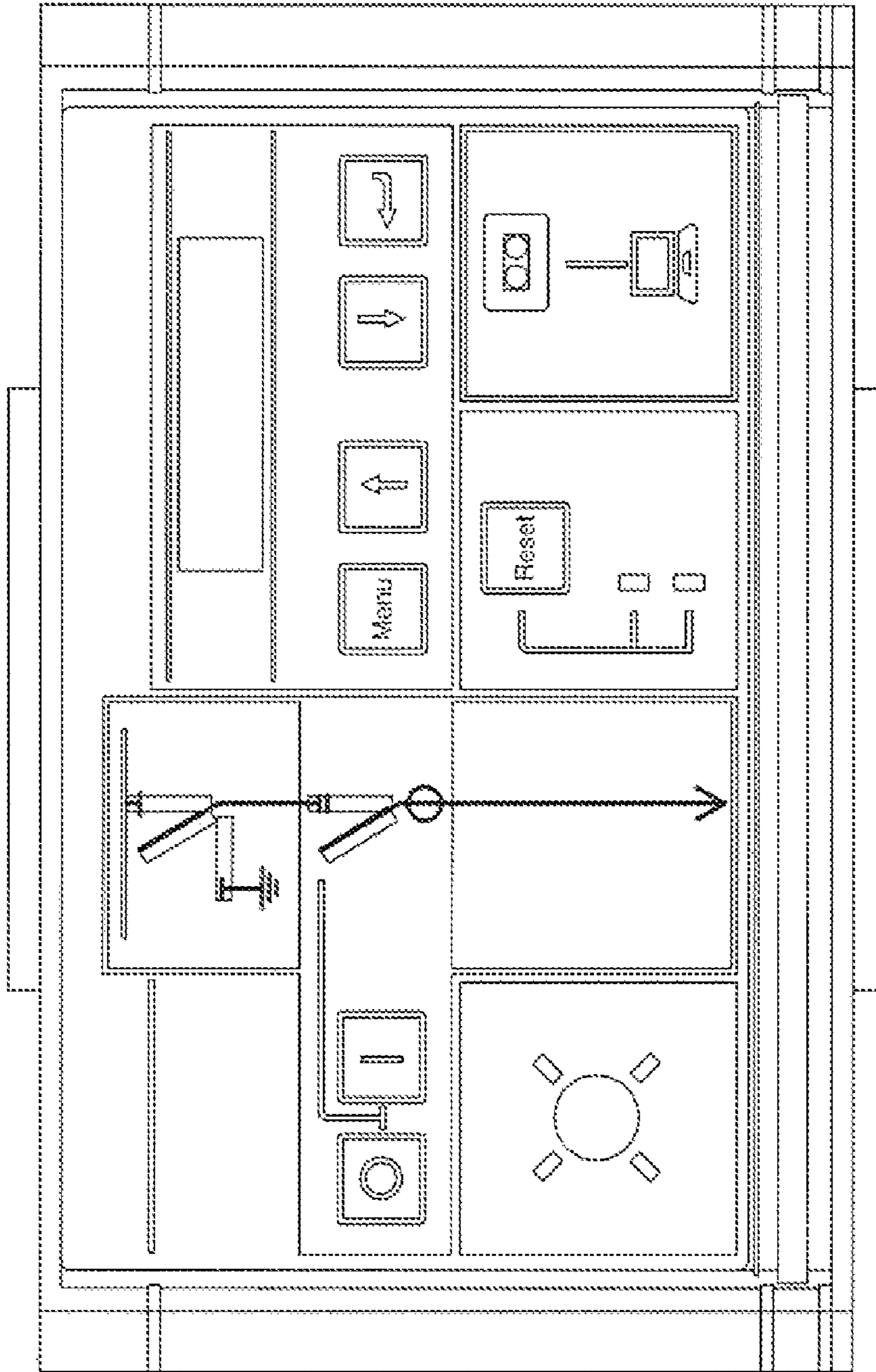


Fig. 2

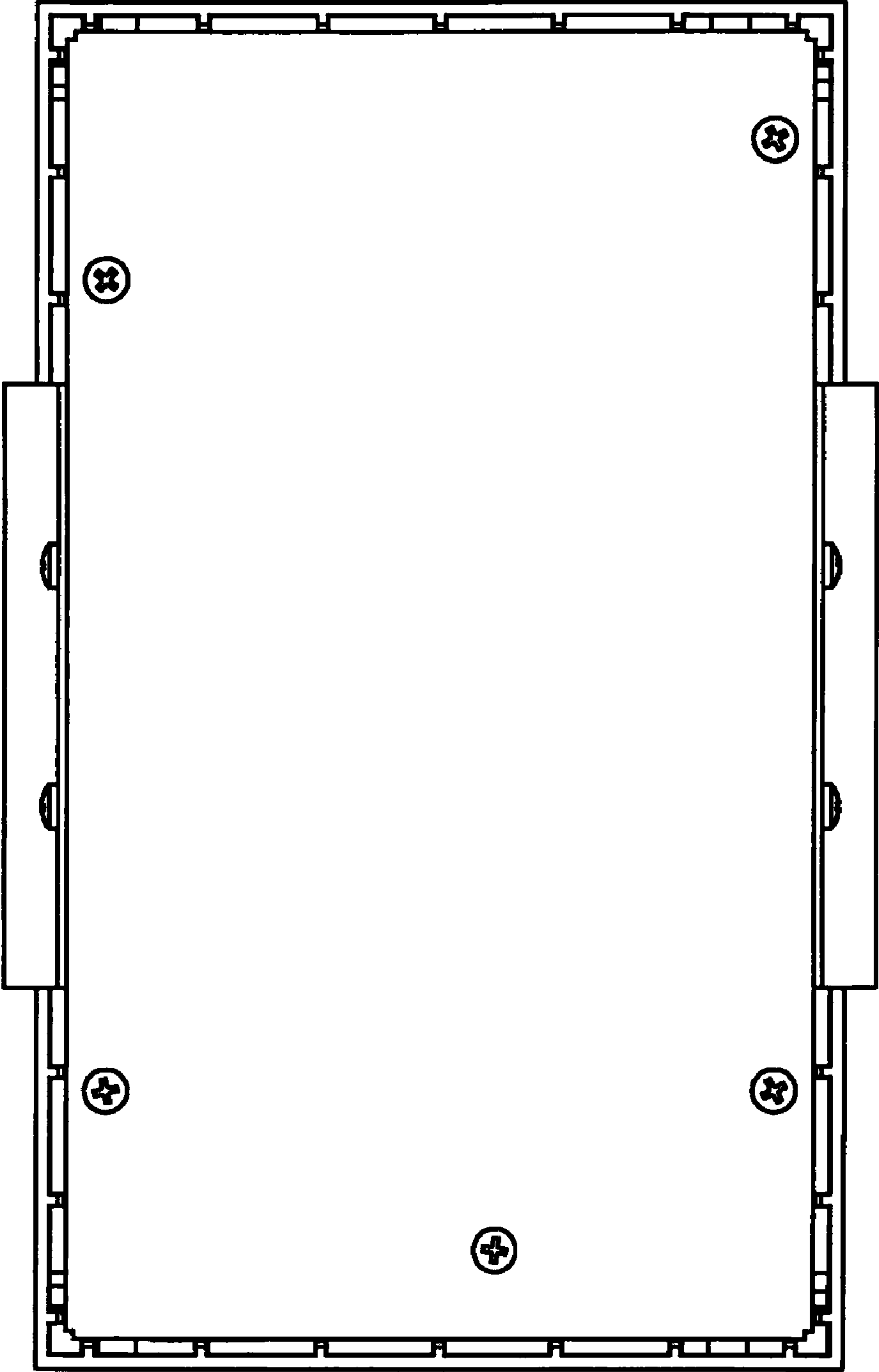


Fig. 3

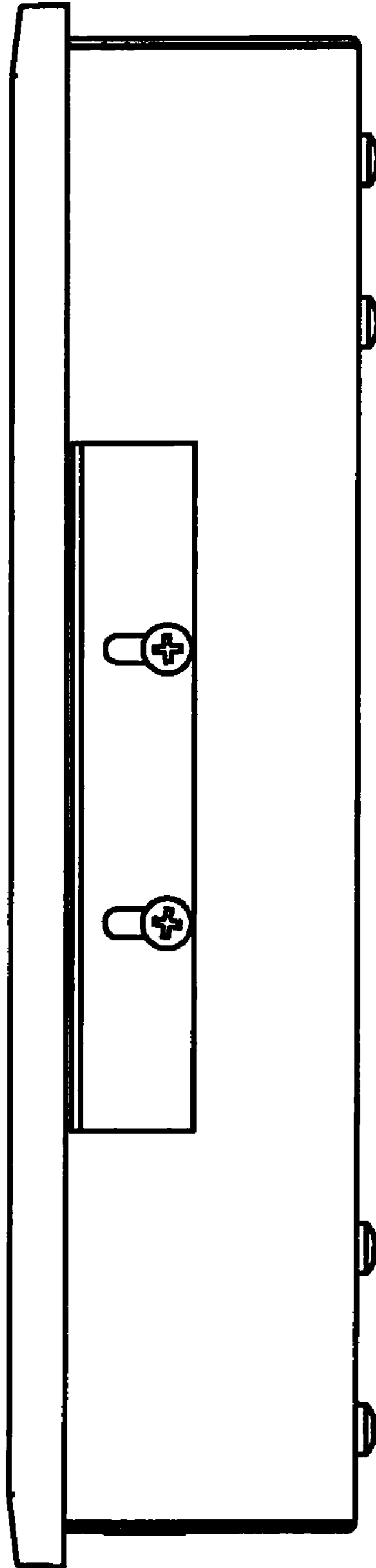


Fig. 4

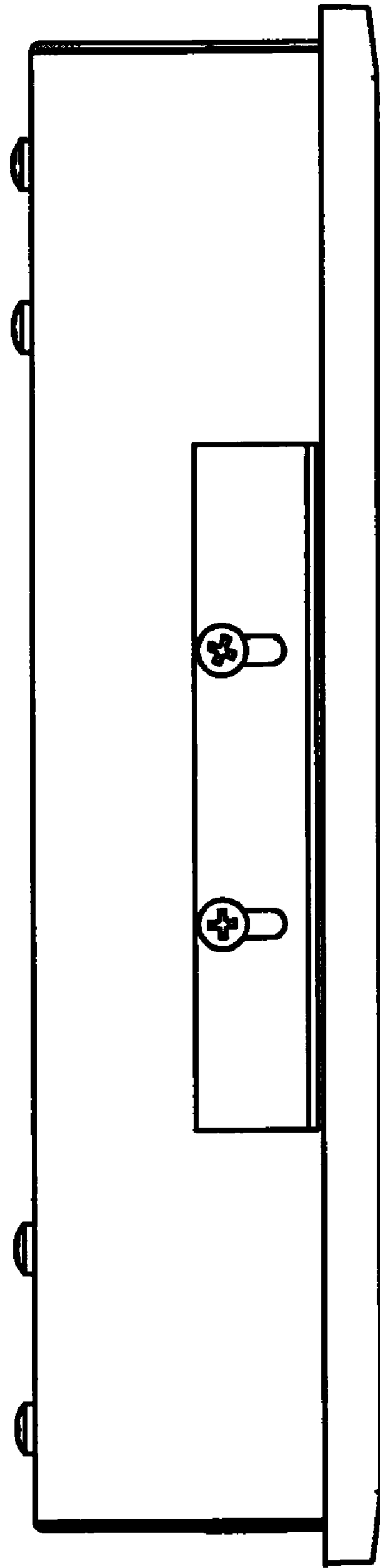


Fig. 5

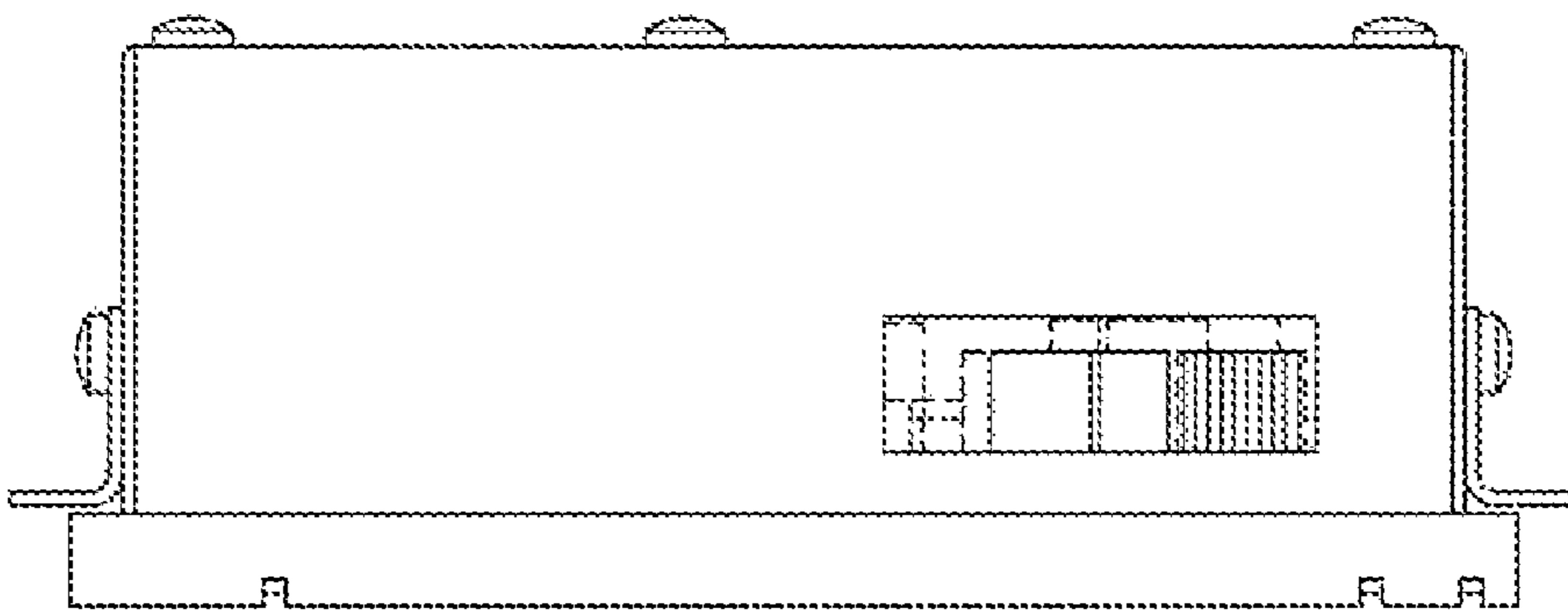


Fig. 6

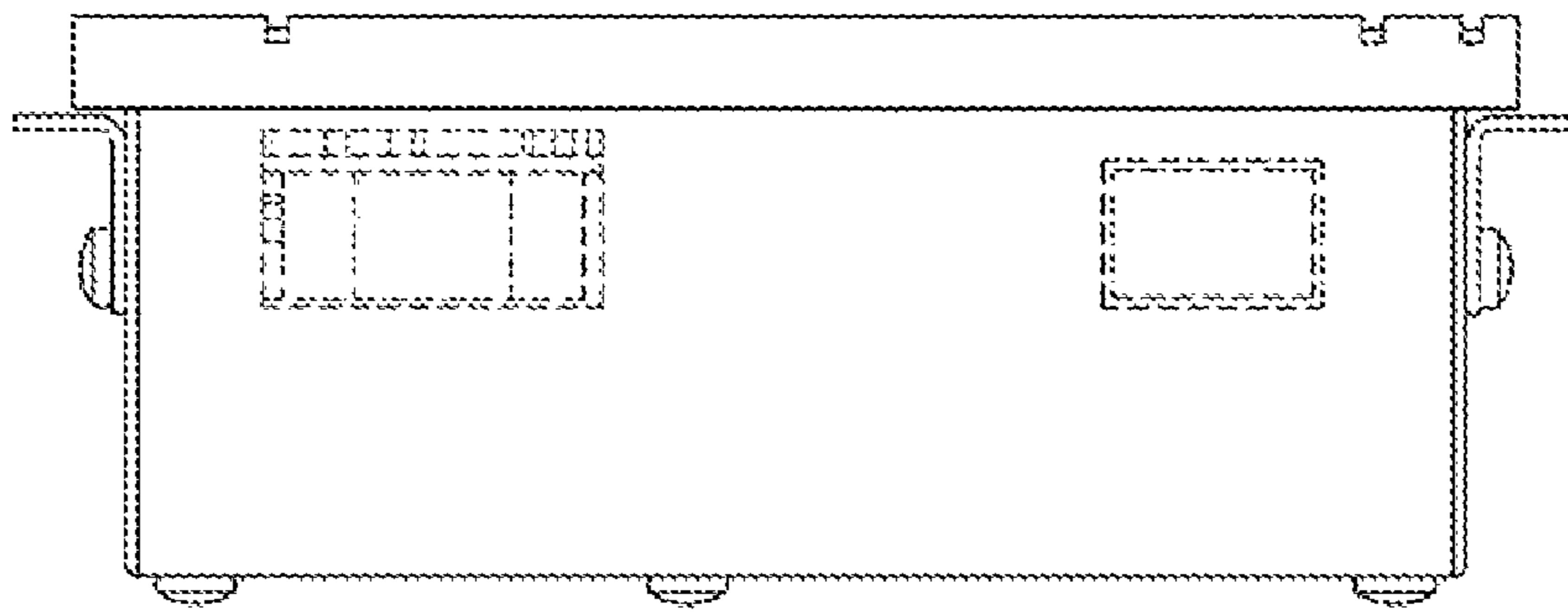


Fig. 7

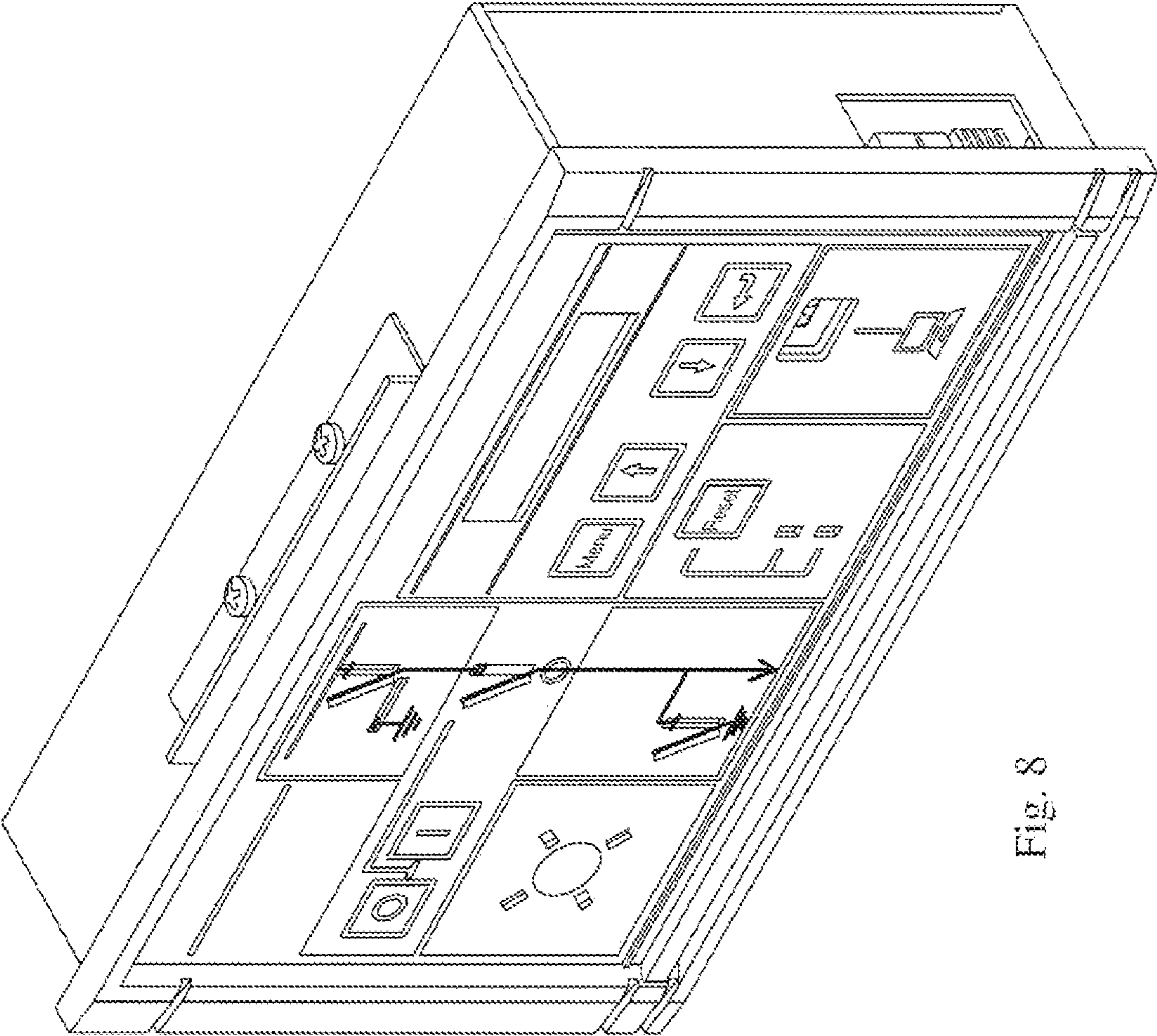


Fig. 8

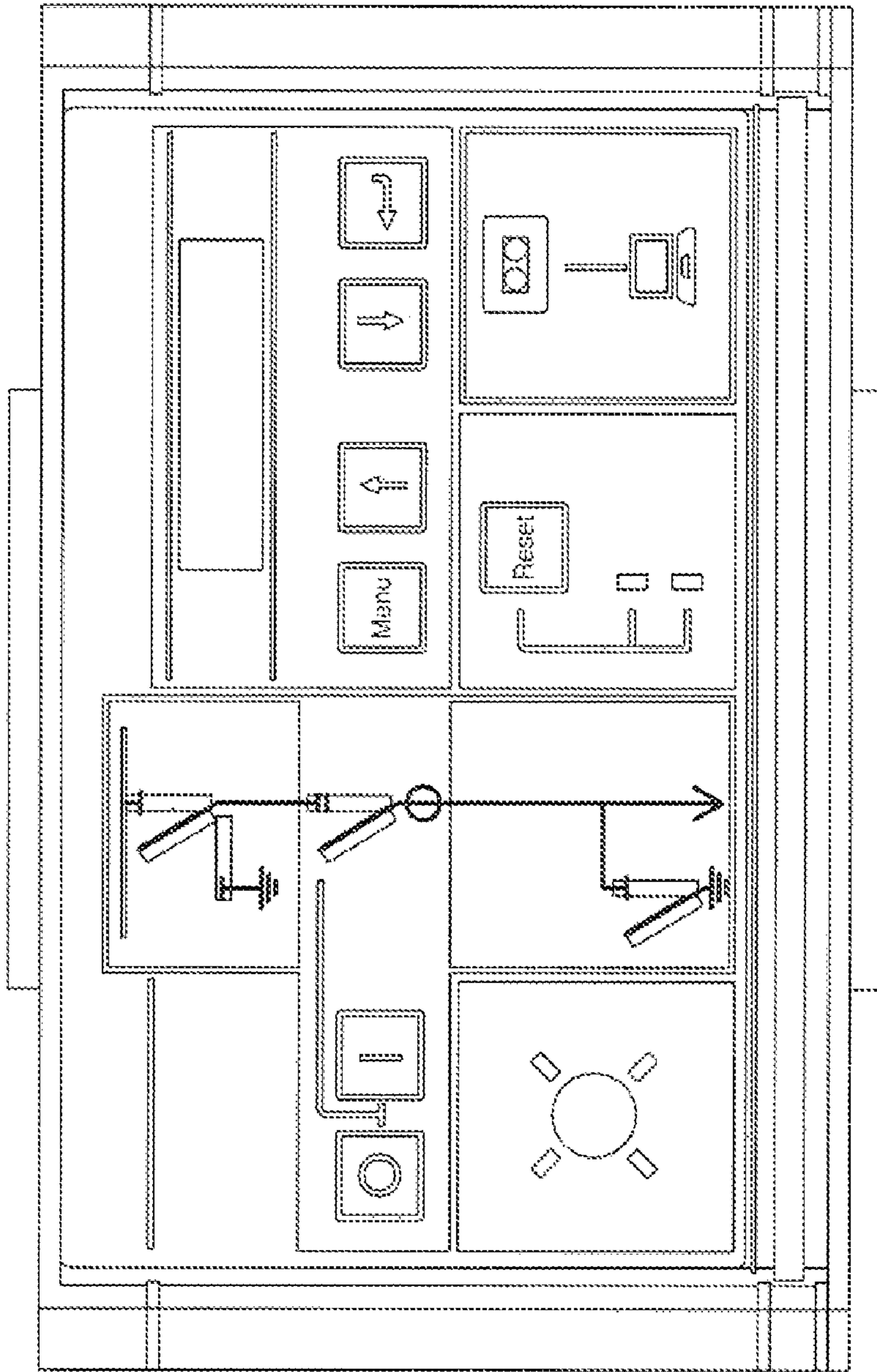


Fig. 9

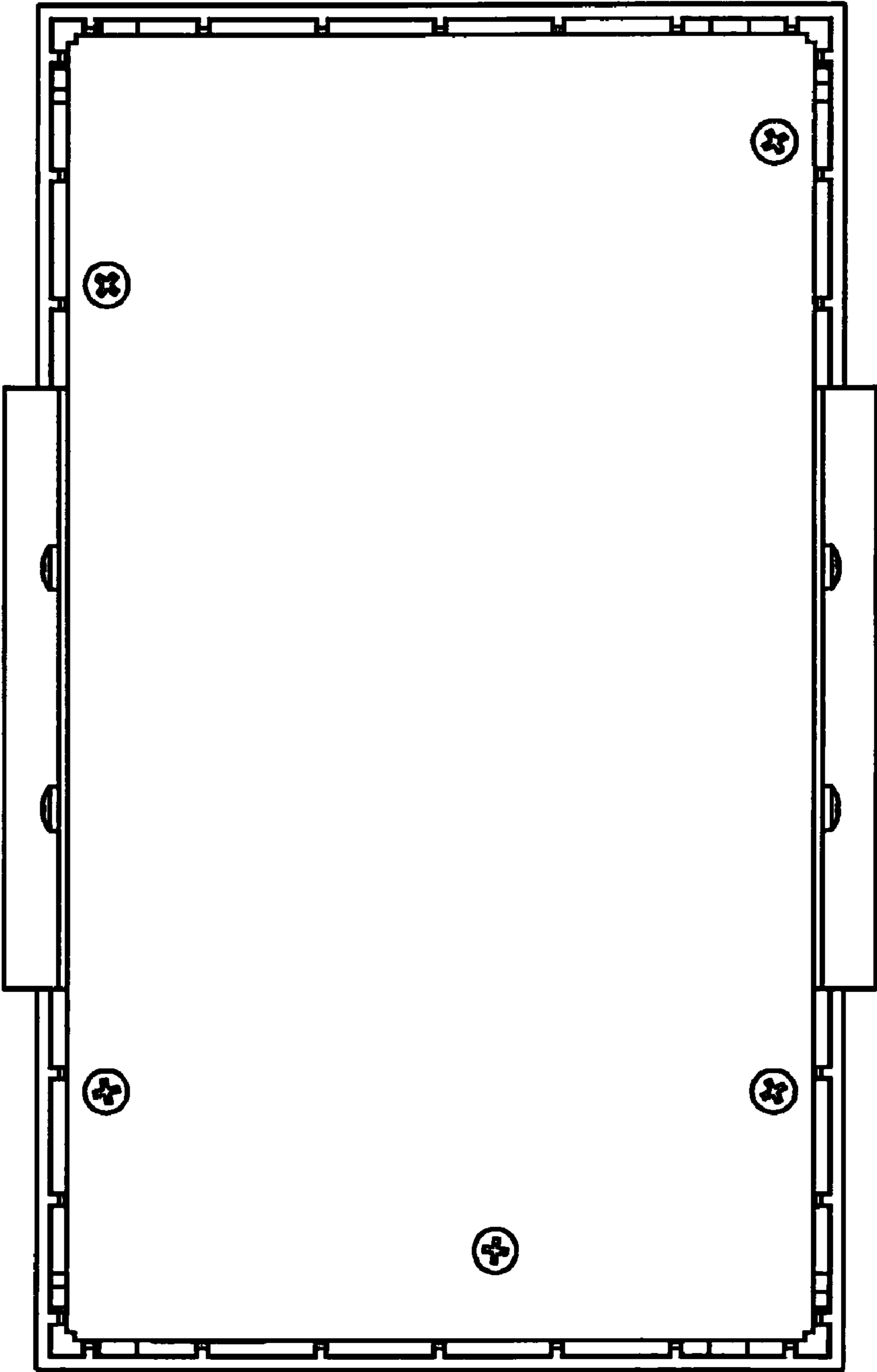


Fig. 10

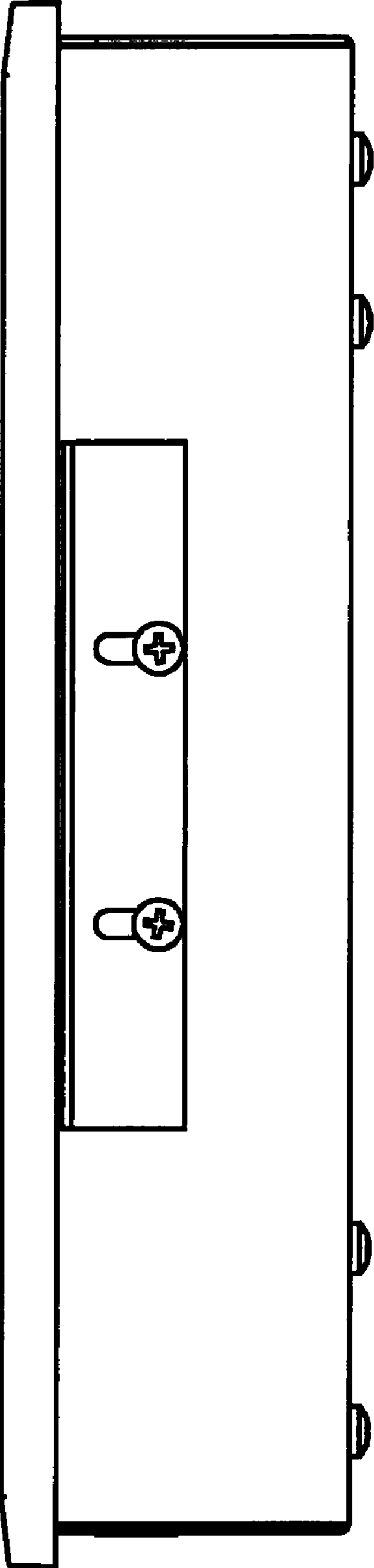


Fig. 11

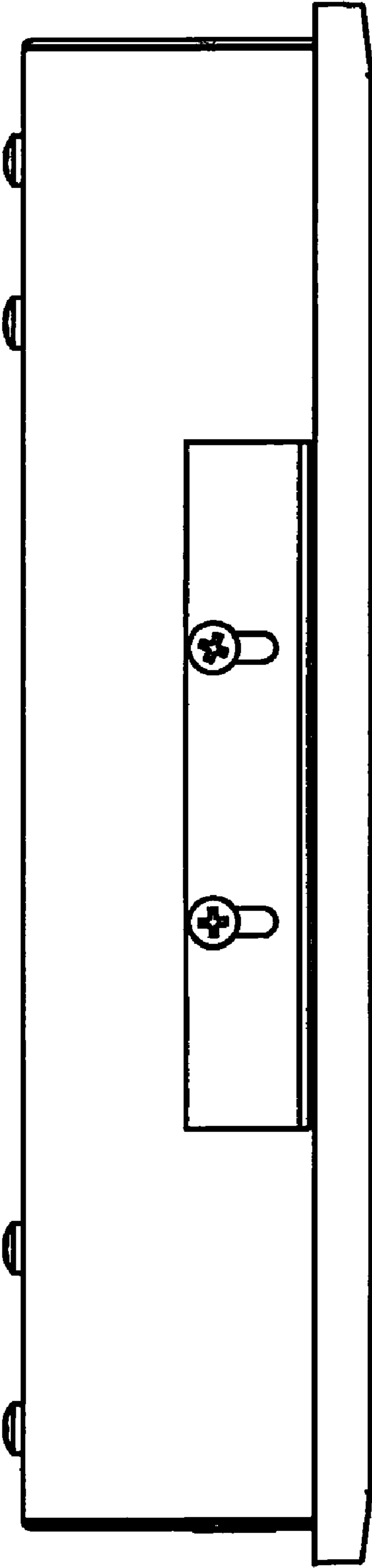


Fig. 12

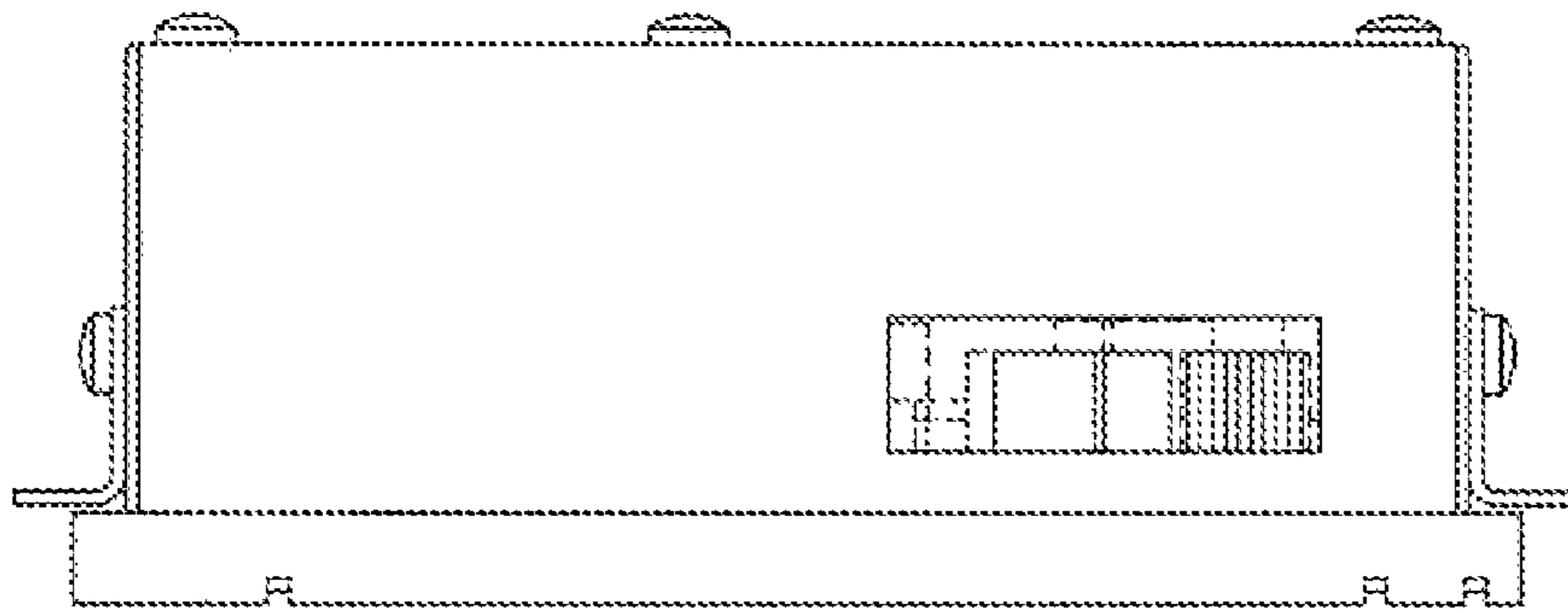


Fig. 13

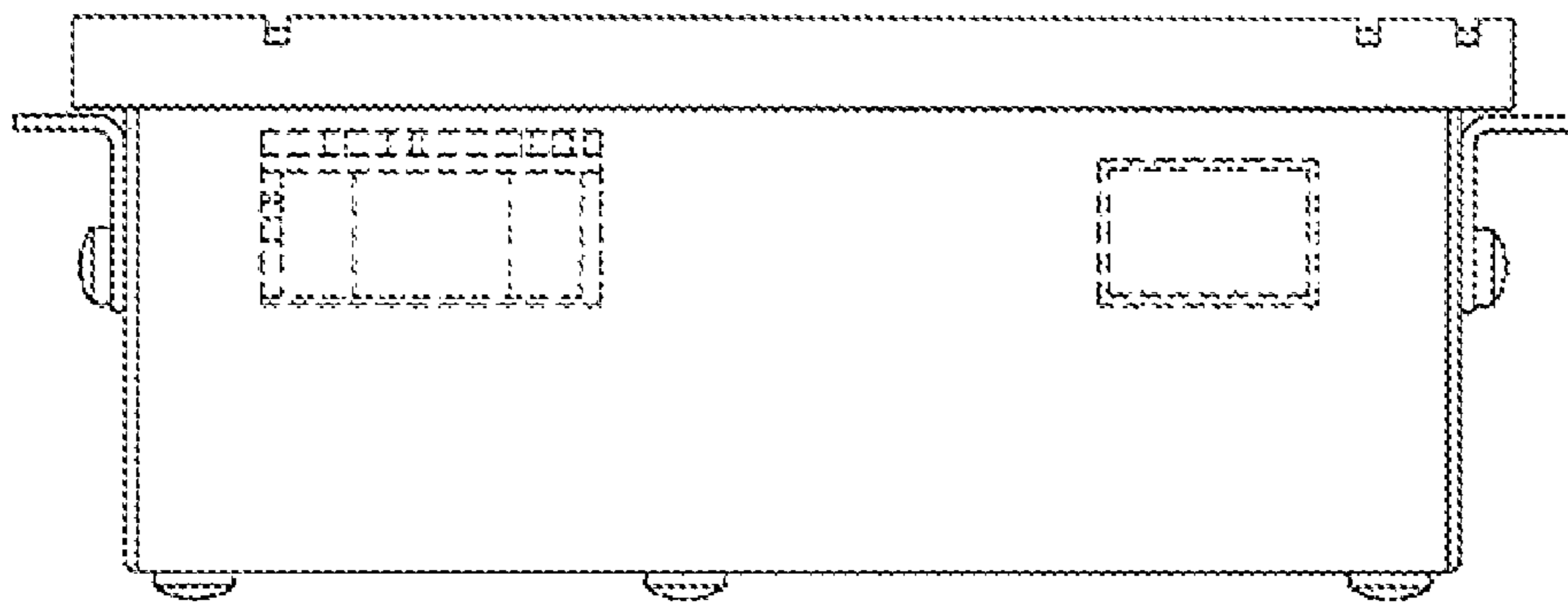


Fig. 14

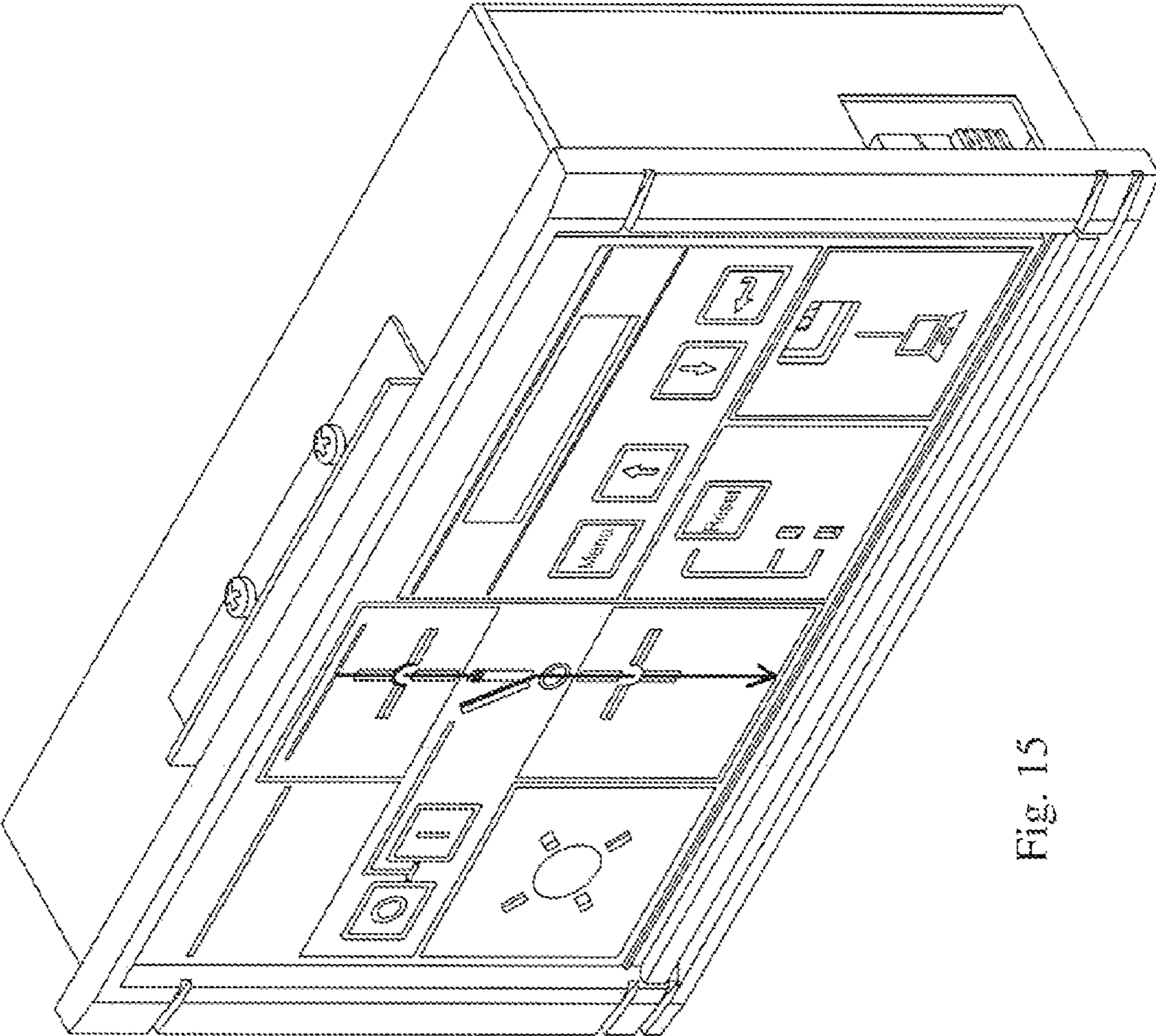


Fig. 15

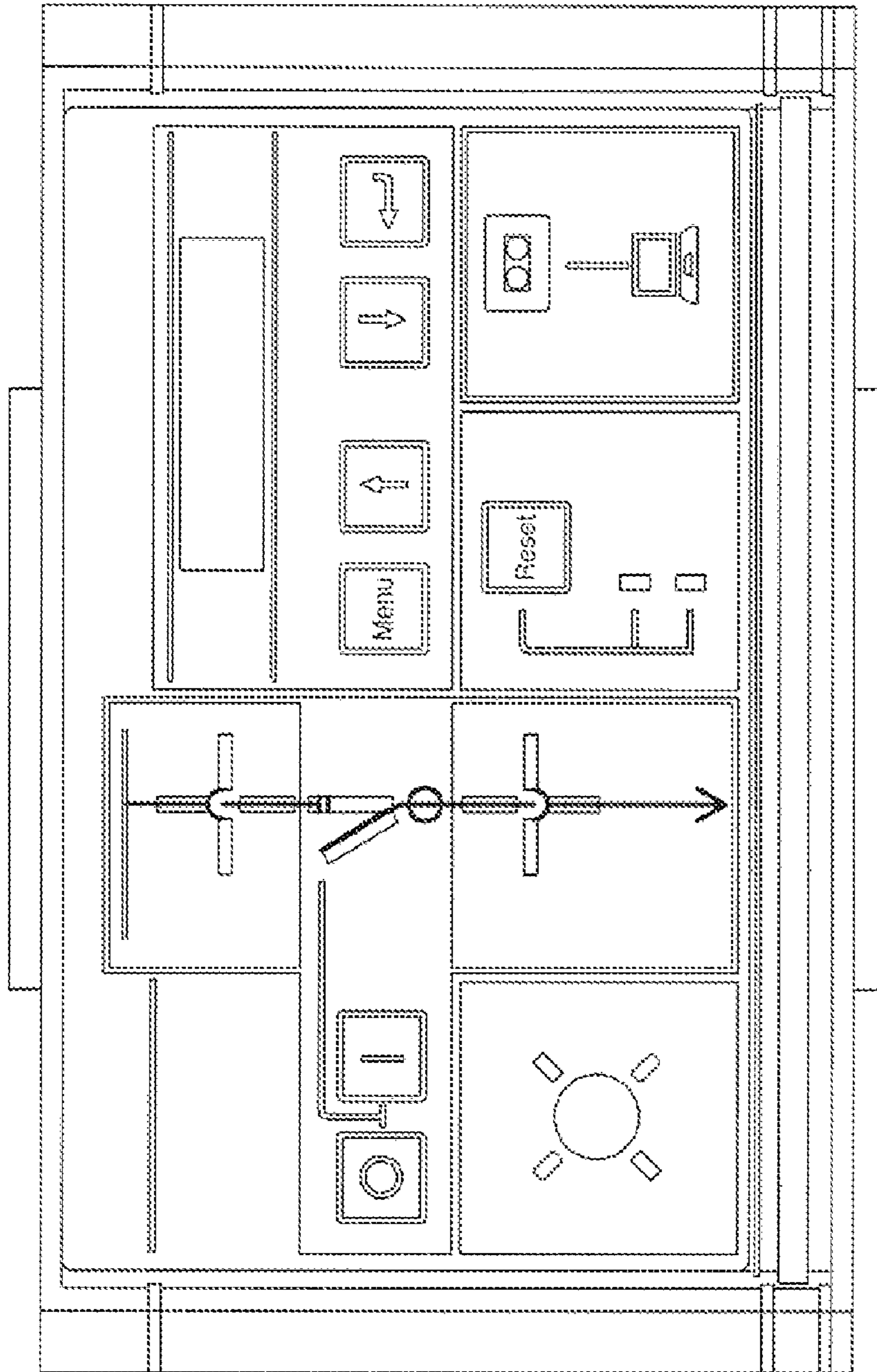


Fig. 16

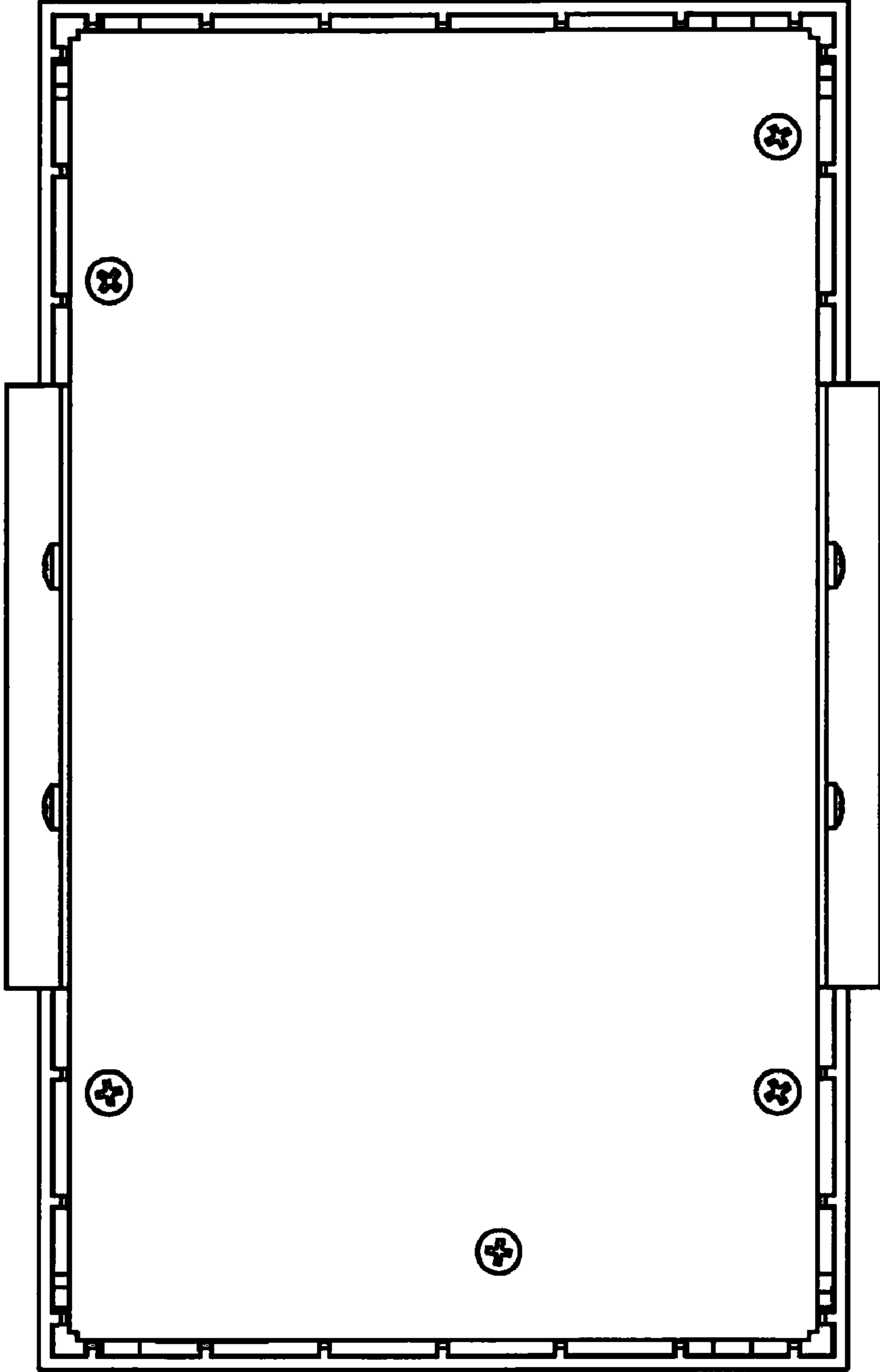


Fig. 17

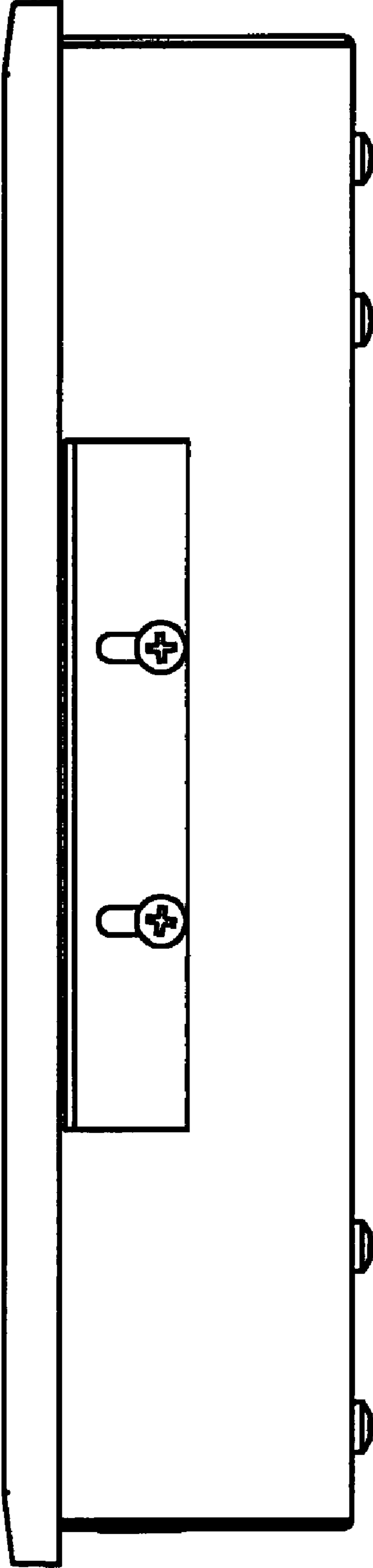


Fig. 18

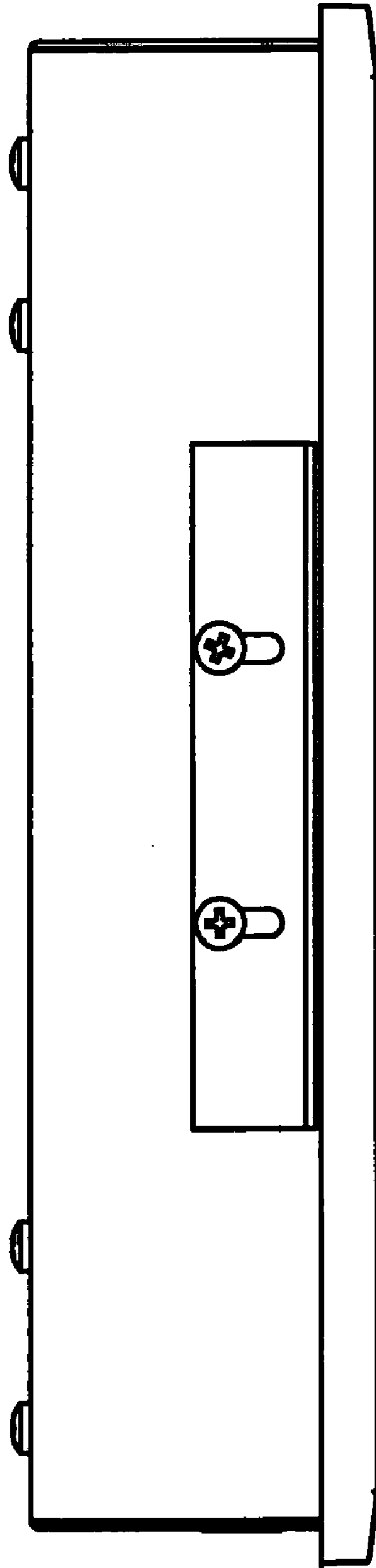


Fig. 19

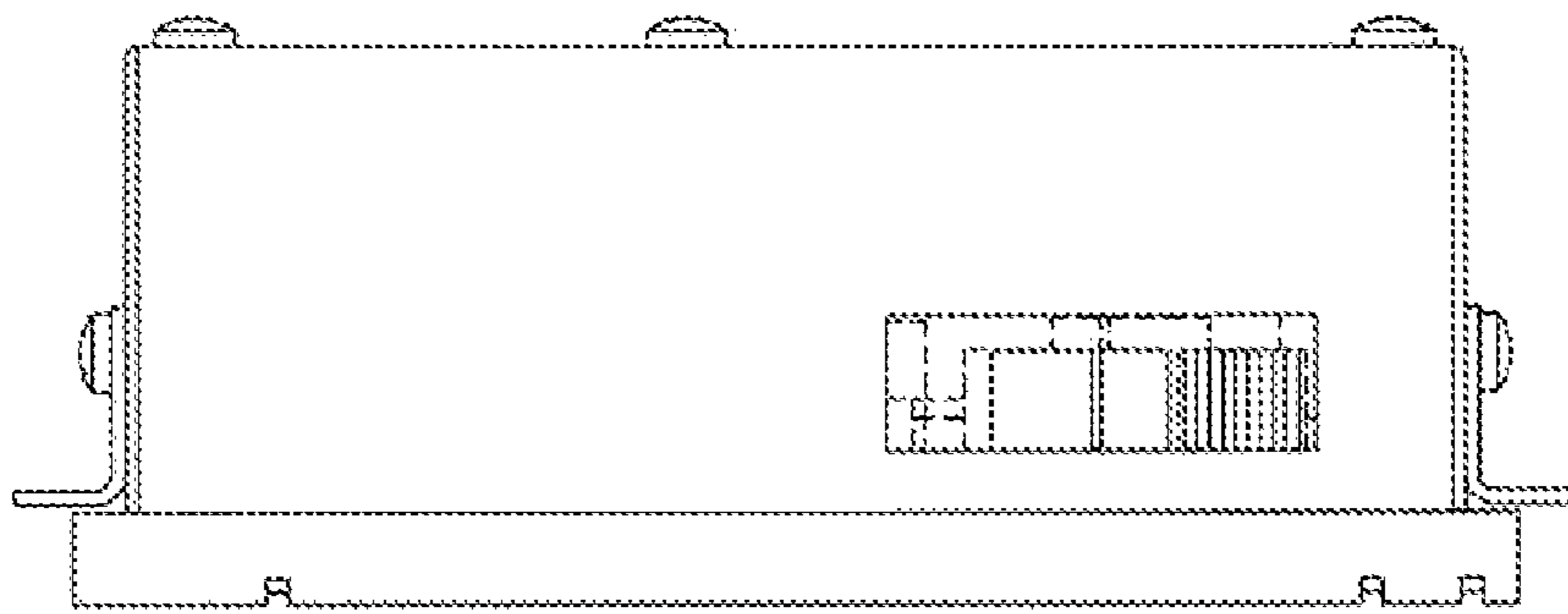


Fig. 20

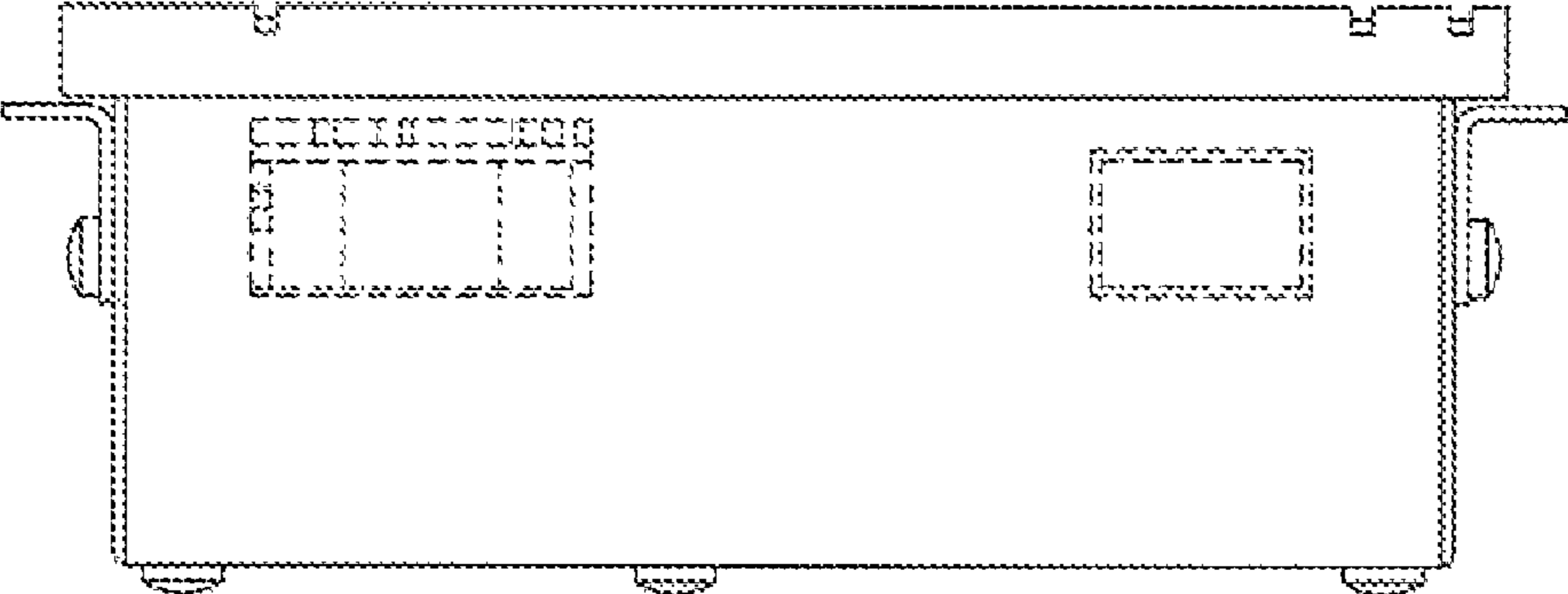


Fig. 21

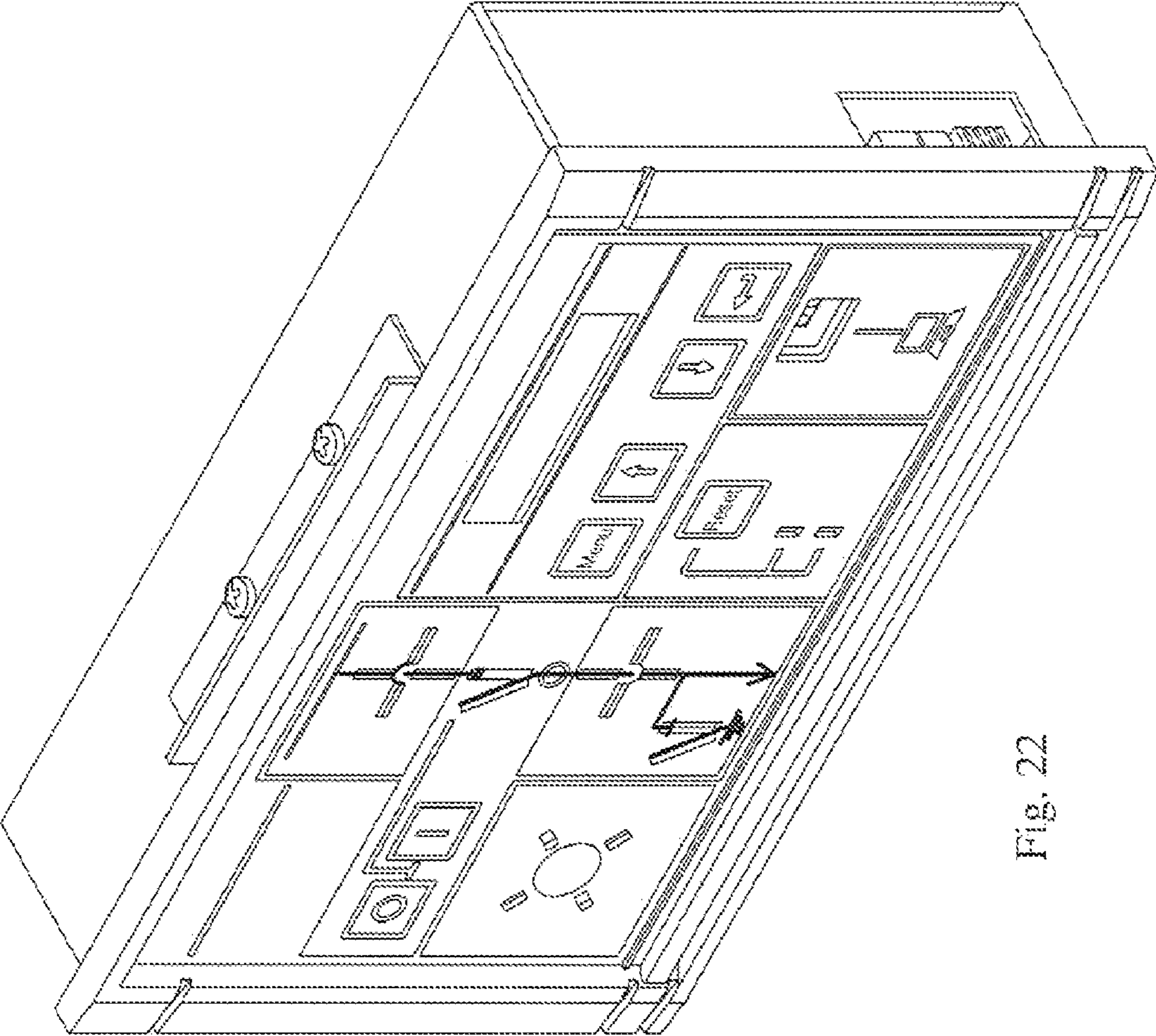


Fig. 22

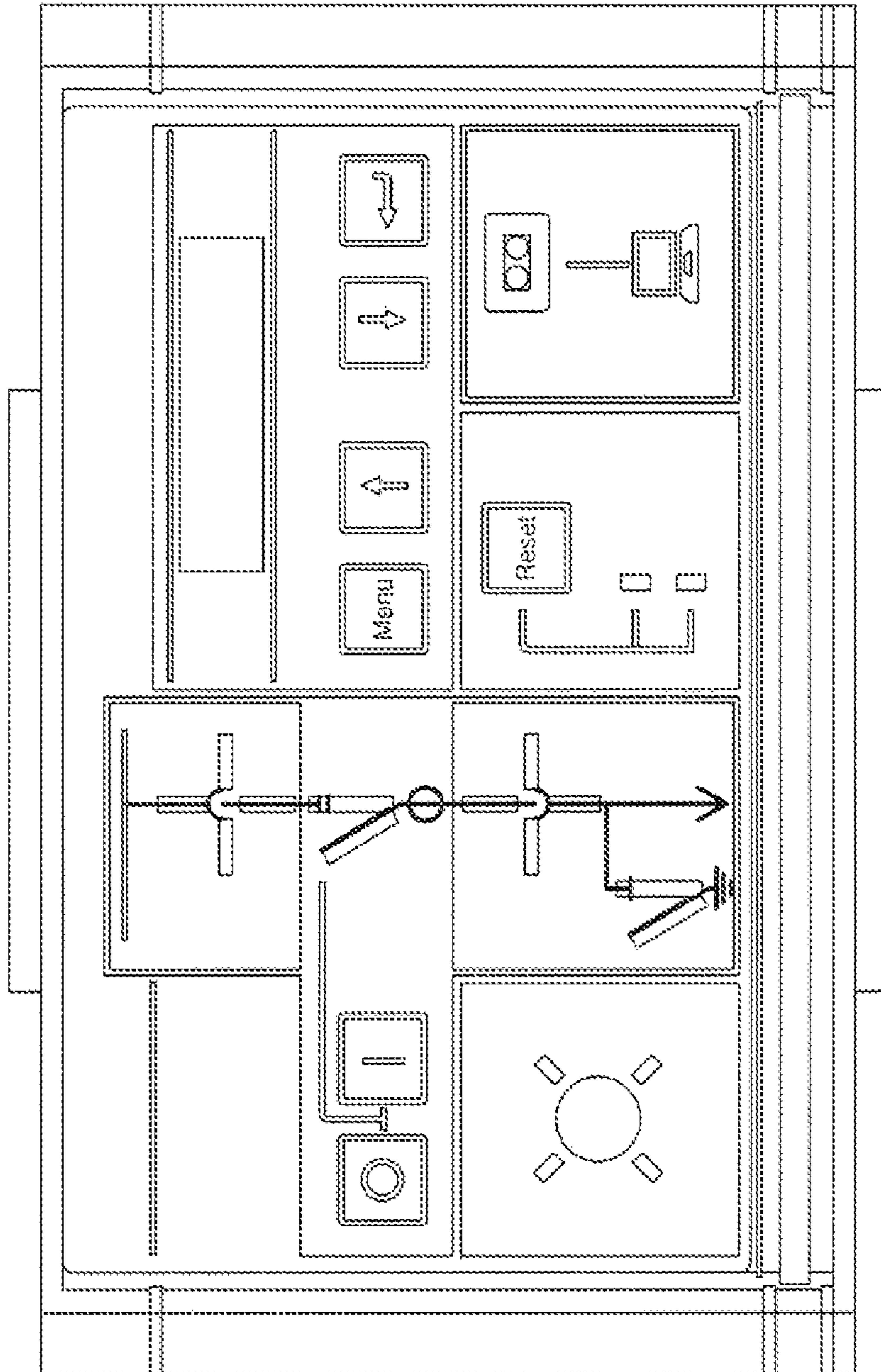


Fig. 23

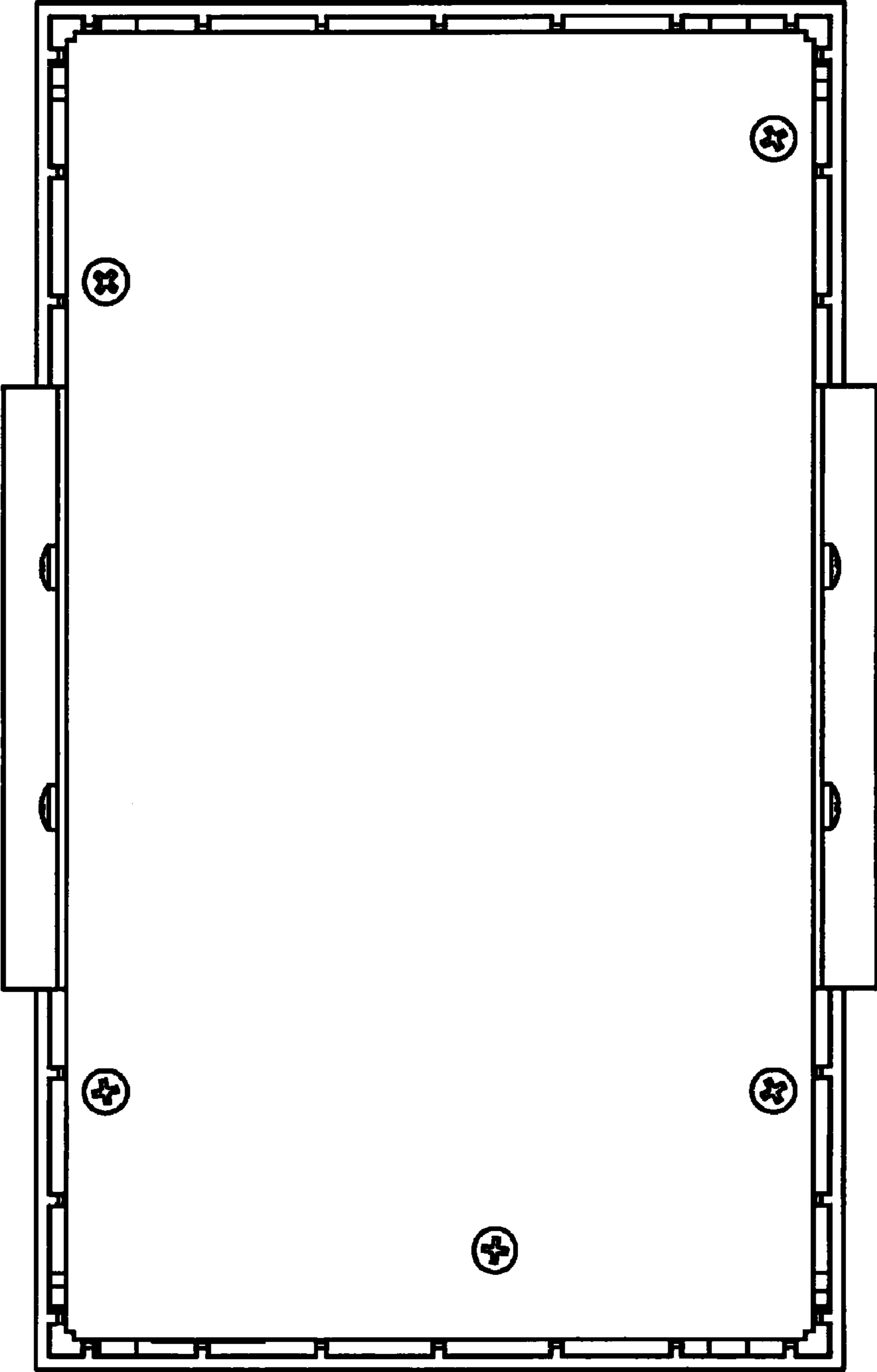


Fig. 24

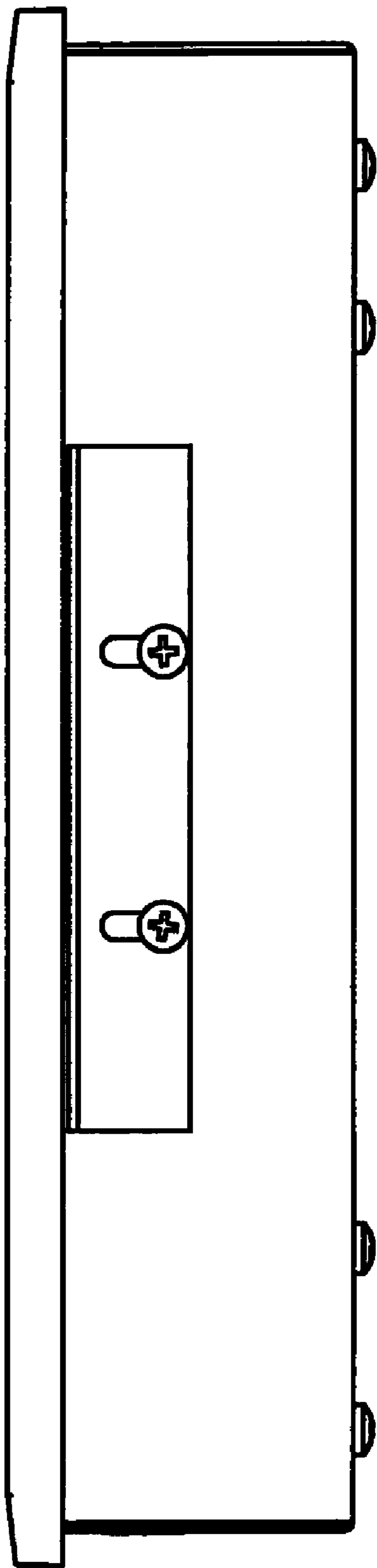


Fig. 25

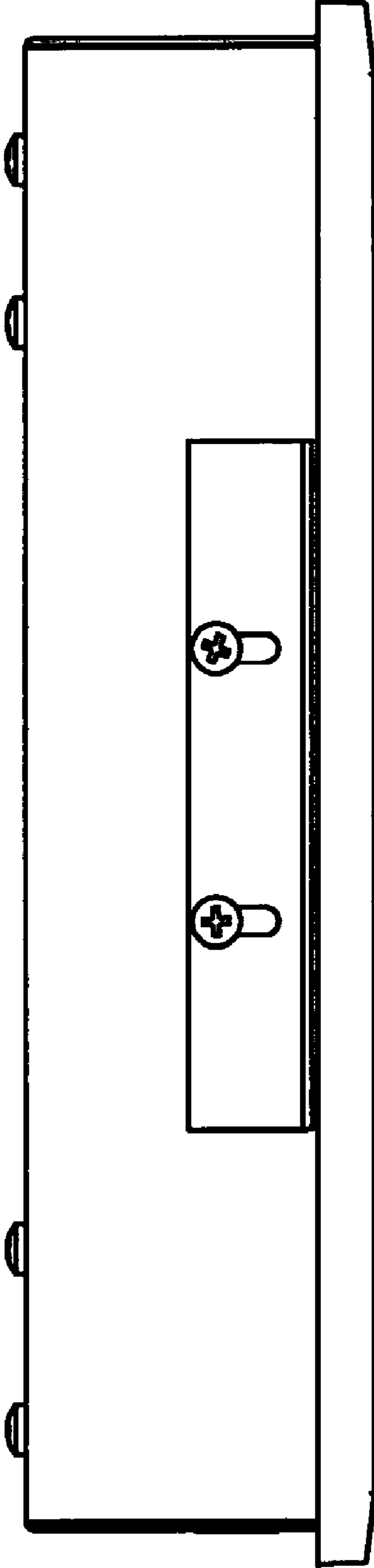


Fig. 26

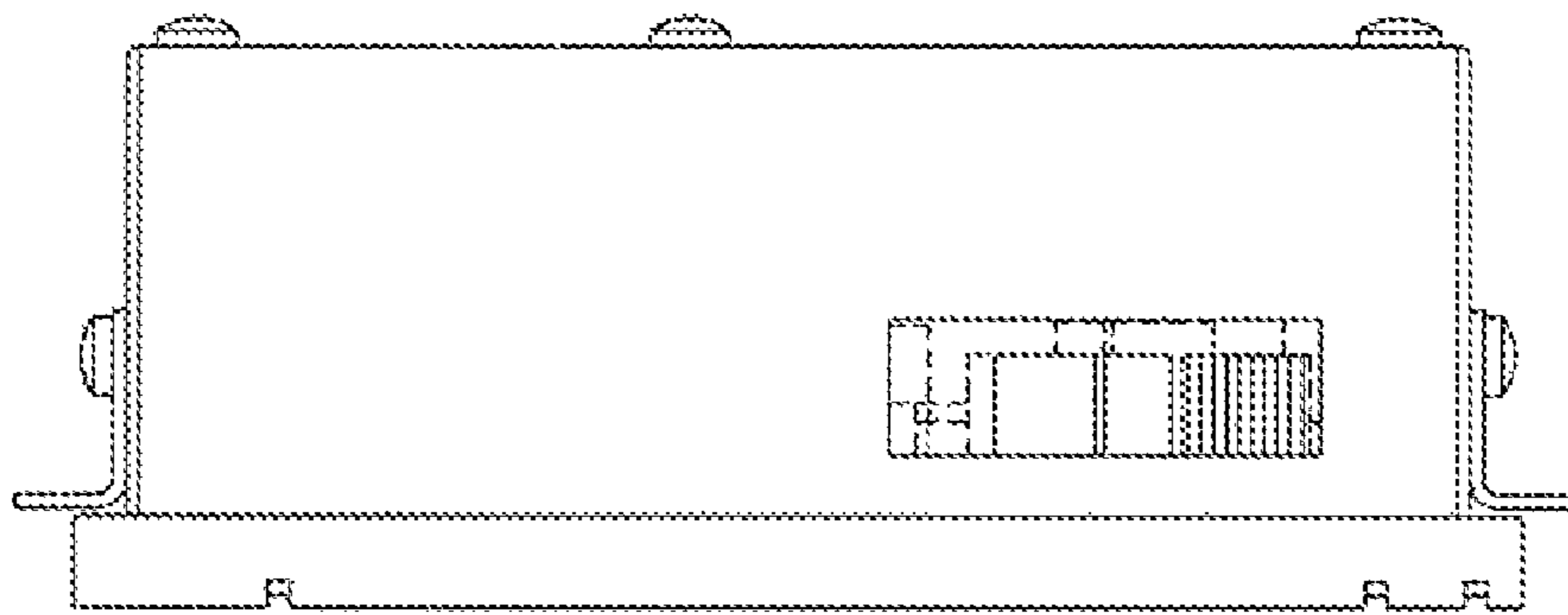


Fig. 27

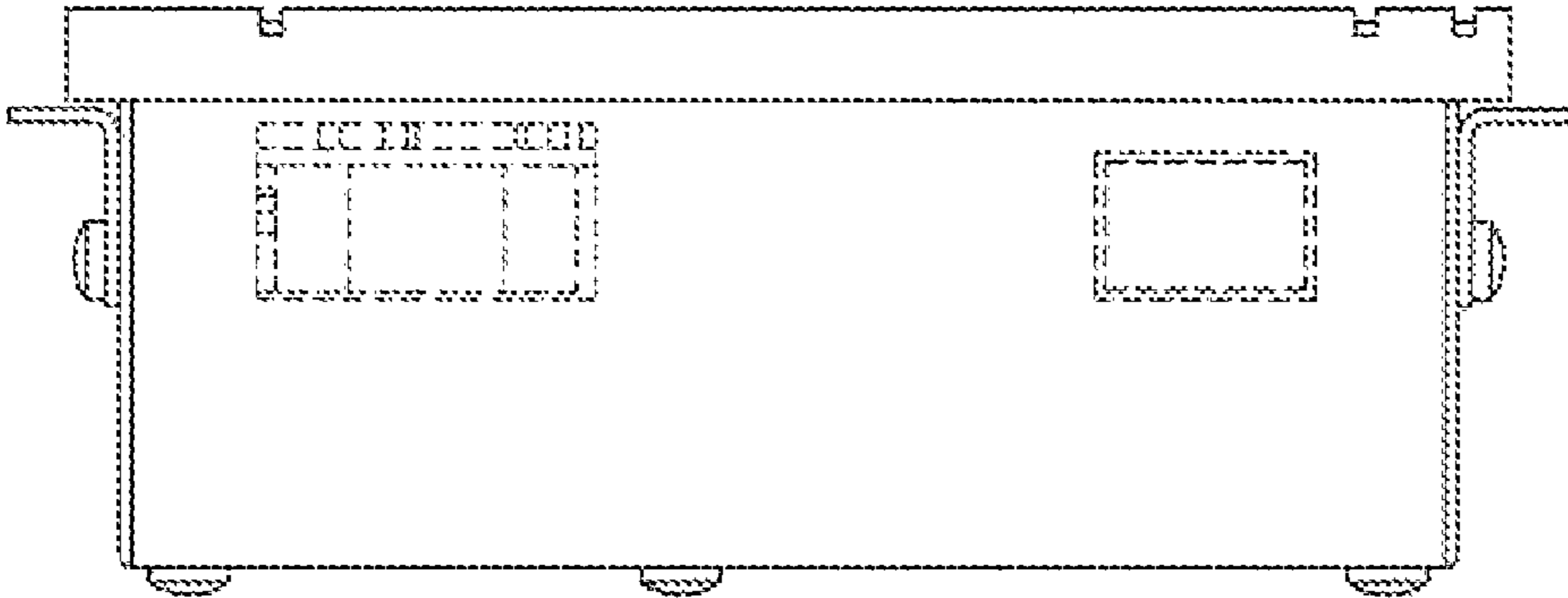


Fig. 28