



US00D782615S

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

(10) **Patent No.:** **US D782,615 S**
(45) **Date of Patent:** **** Mar. 28, 2017**

- (54) **ELECTROMAGNETIC VALVE**
- (71) Applicant: **SMC CORPORATION**, Chiyoda-ku (JP)
- (72) Inventors: **Shinji Miyazoe**, Moriya (JP); **Shinichi Yoshimura**, Moriya (JP); **Takashi Murakami**, Moriya (JP)
- (73) Assignee: **SMC CORPORATION**, Chiyoda-ku (JP)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/560,510**
- (22) Filed: **Apr. 7, 2016**
- (30) **Foreign Application Priority Data**
Oct. 9, 2015 (JP) 2015-022322
- (51) **LOC (10) Cl.** **23-01**
- (52) **U.S. Cl.**
USPC **D23/233**
- (58) **Field of Classification Search**
USPC D23/233-249, 270, 271, 259; 4/305; D15/7, 199; 137/554, 557, 560, 882, 884, 137/343, 625.64, 269, 271, 487.5, 599.07; 251/331, 219, 15, 130, 129.04, 129.15, 251/129.01; 239/585.1
CPC ... E03C 1/05; E03D 5/10; E03D 13/00; F16K 31/02; F16K 13/06; F16K 31/0675; F16K 27/029; F16K 27/048; H01F 7/081
See application file for complete search history.

- D563,523 S * 3/2008 Matsumoto D23/233
- D564,628 S * 3/2008 Miyazoe D23/233
- D564,629 S * 3/2008 Miyazoe D23/233
- D584,797 S * 1/2009 Matsumoto D23/233
- D694,363 S * 11/2013 Narita D23/233
- D694,364 S * 11/2013 Narita D23/233
- D694,365 S * 11/2013 Narita D23/233
- D694,858 S * 12/2013 Narita D23/233

* cited by examiner

Primary Examiner — Cynthia Ramirez
Assistant Examiner — Michael Maharajh
(74) *Attorney, Agent, or Firm* — Oblon, McClelland, Maier & Neustadt, L.L.P.

(57) **CLAIM**

The ornamental design for an electromagnetic valve, as shown and described.

DESCRIPTION

FIG. 1 is a front elevational view of an electromagnetic valve, showing our new design;
FIG. 2 is a rear elevational view thereof;
FIG. 3 is a top plan view thereof;
FIG. 4 is a bottom plan view thereof;
FIG. 5 is a left side elevational view thereof;
FIG. 6 is a right side elevational view thereof;
FIG. 7 is a front, top, and left side perspective view thereof; and,
FIG. 8 is a rear, bottom, and right side perspective view thereof.
The broken lines shown in the figures are for the purpose of illustrating portions of the electromagnetic valve and form no part of the claimed design.

1 Claim, 3 Drawing Sheets

- (56) **References Cited**
U.S. PATENT DOCUMENTS
D563,519 S * 3/2008 Miyazoe D23/233
D563,521 S * 3/2008 Miyazoe D23/233

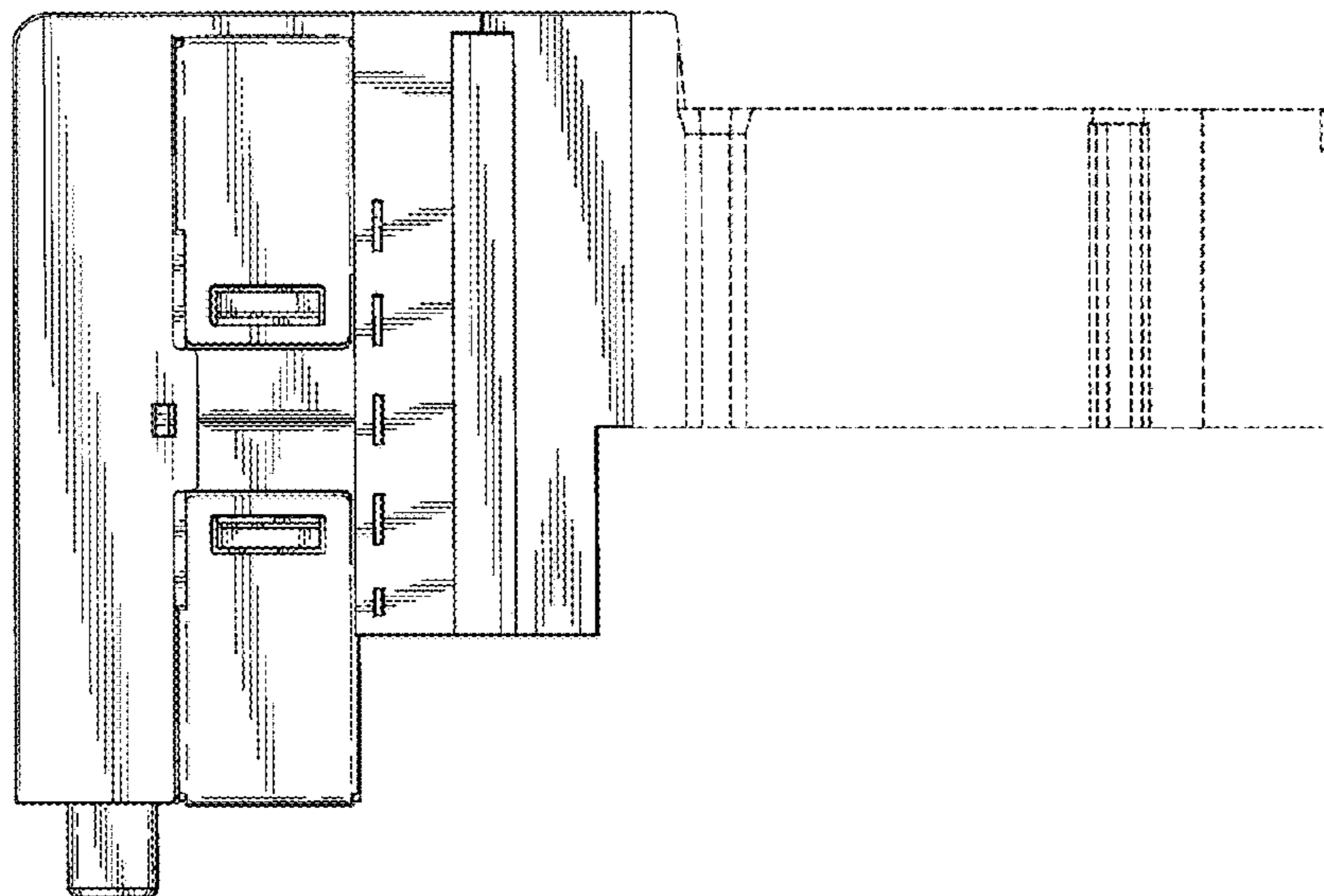


Fig. 1

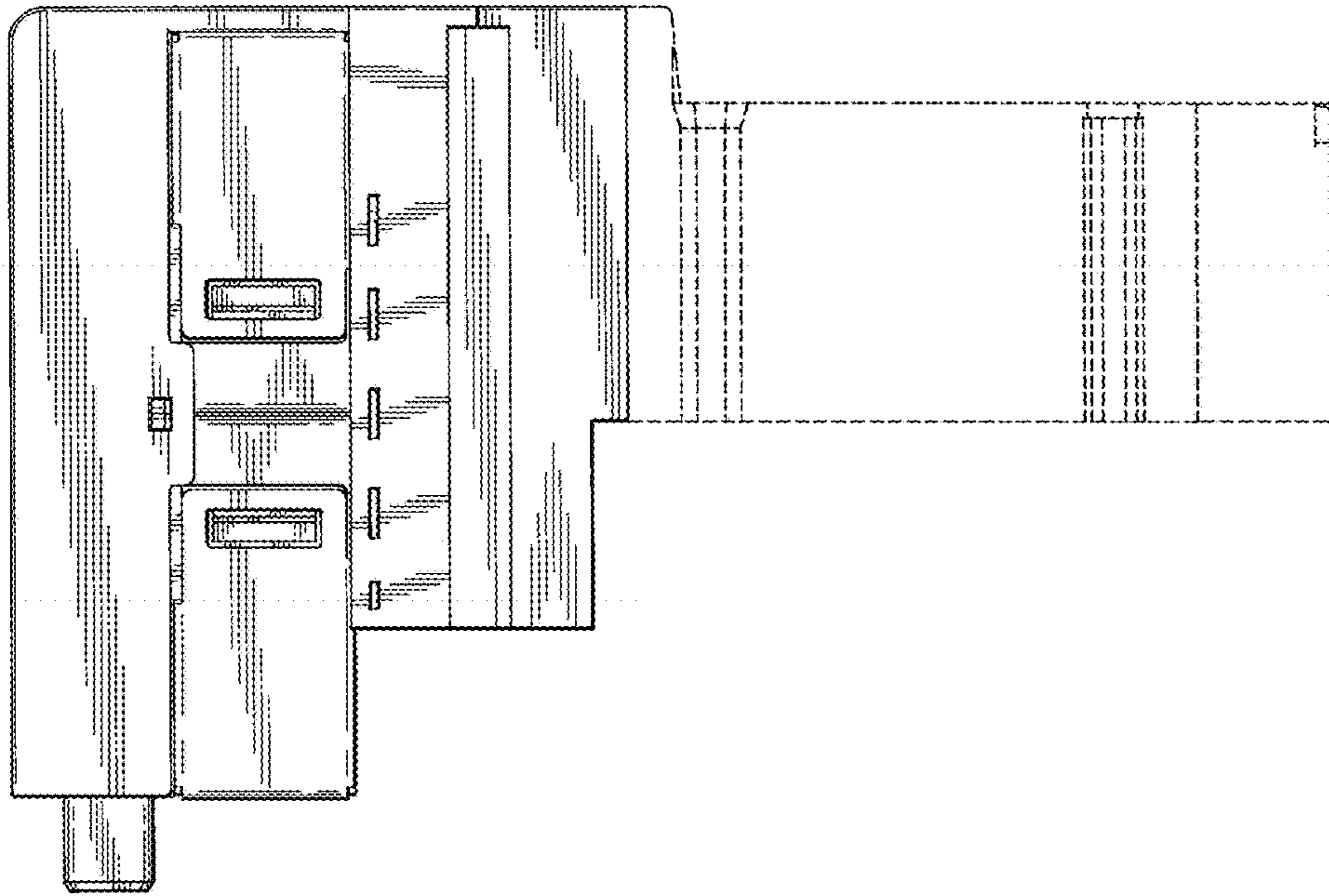


Fig. 2

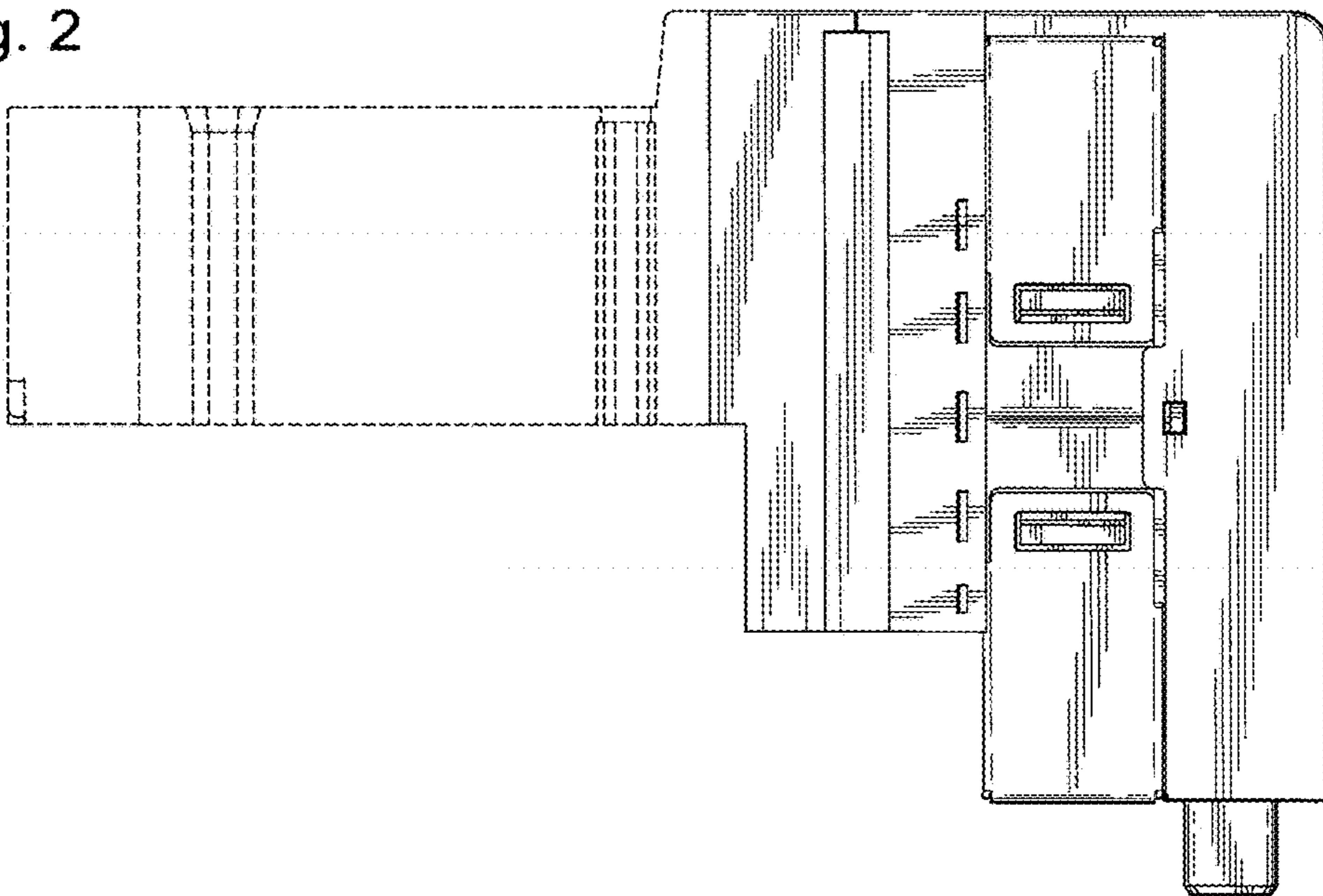


Fig. 3

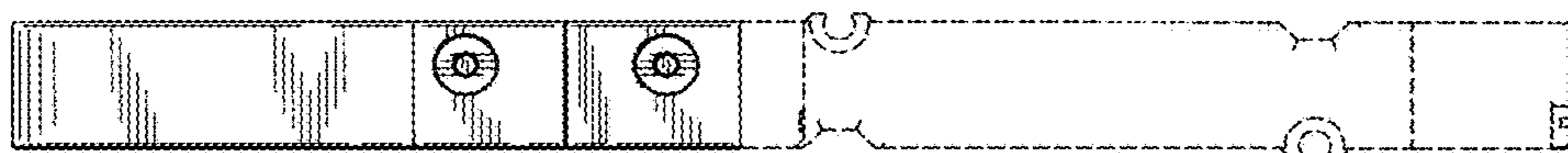


Fig. 4

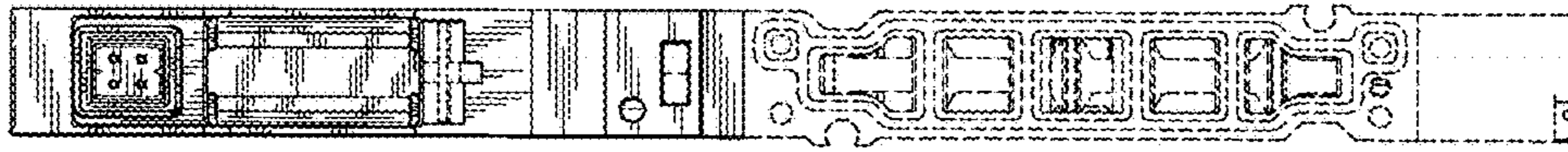


Fig. 5

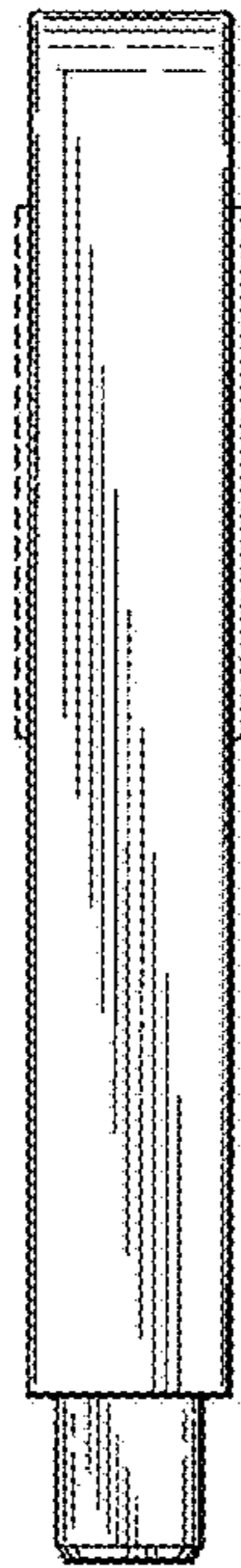


Fig. 6

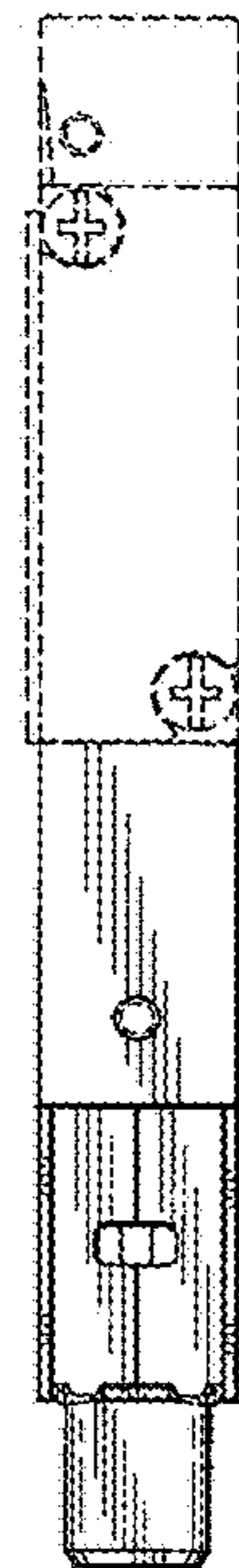


Fig. 7

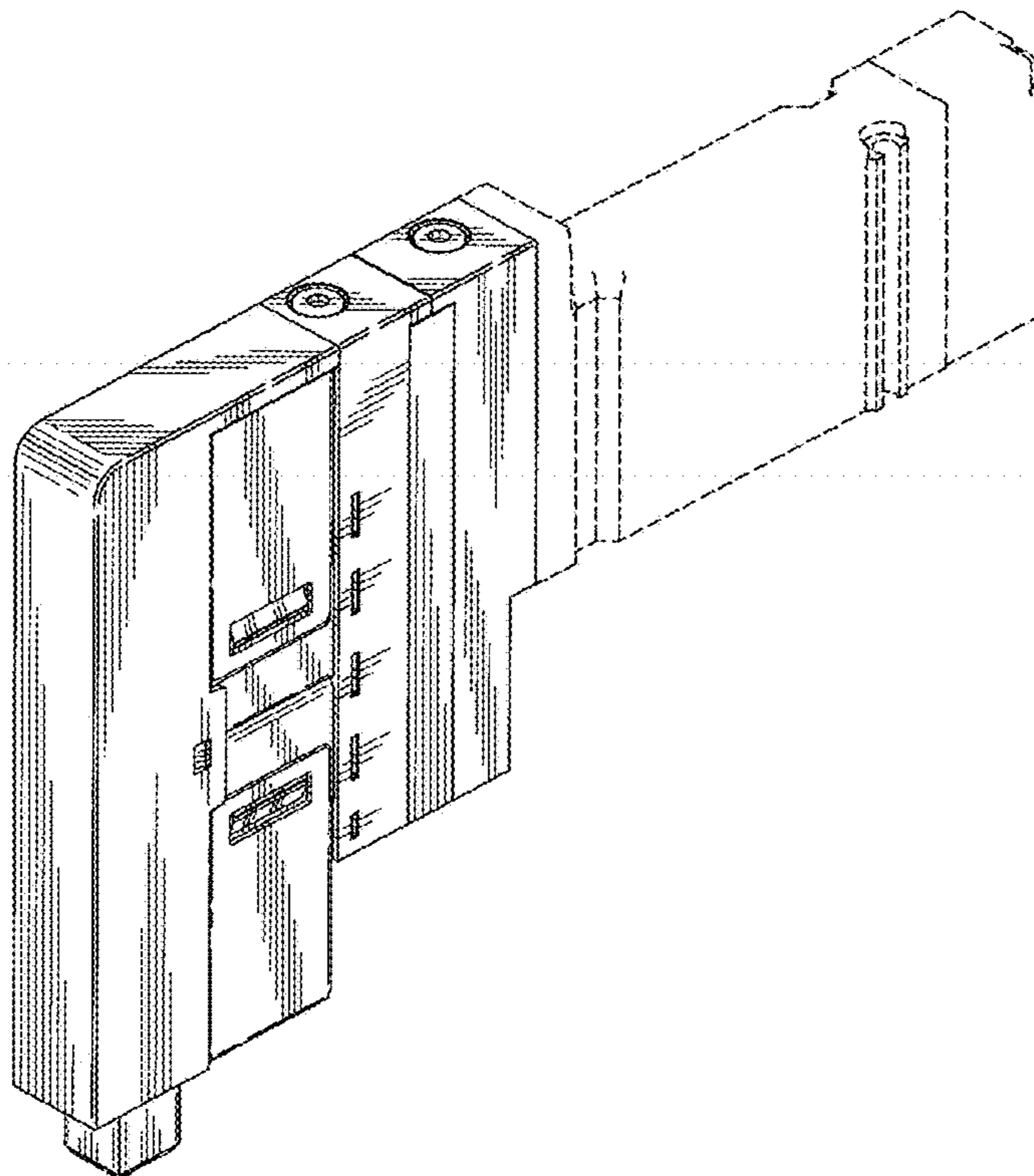


Fig. 8

