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(12) **United States Design Patent**
Matsumura

(10) **Patent No.:** **US D752,181 S**
(45) **Date of Patent:** **** Mar. 22, 2016**

- (54) **ELECTROMAGNETIC VALVE**
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- (73) Assignee: **SMC CORPORATION**, Chiyoda-ku (JP)
- (**) Term: **14 Years**
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- (22) Filed: **Jan. 2, 2015**

- (30) **Foreign Application Priority Data**
Jul. 3, 2014 (JP) 2014-014631
- (51) **LOC (10) Cl.** **23-01**
- (52) **U.S. Cl.**
USPC **D23/233**
- (58) **Field of Classification Search**
USPC D23/233-250; 137/625.64, 554, 487.5, 137/599, 557, 560, 882, 884, 343, 269, 137/599.07; 251/129.15, 129.01
CPC ... F16K 31/0675; F16K 27/029; F16K 31/02; F16K 31/082; F16K 27/048; F16K 11/24
See application file for complete search history.

- (56) **References Cited**
U.S. PATENT DOCUMENTS
D416,309 S * 11/1999 Hayashi D23/233
D459,441 S * 6/2002 Hayashi D23/233

- D544,578 S * 6/2007 Matsumoto D23/233
- D544,581 S * 6/2007 Matsumoto D23/233
- D546,420 S * 7/2007 Matsumoto D23/233
- D563,509 S * 3/2008 Kato D23/233
- D563,522 S * 3/2008 Miyazoe D23/233
- D720,046 S * 12/2014 Morodomi D23/233
- D723,064 S * 2/2015 Eisele D15/7
- D736,895 S * 8/2015 Morodomi D23/233

* cited by examiner

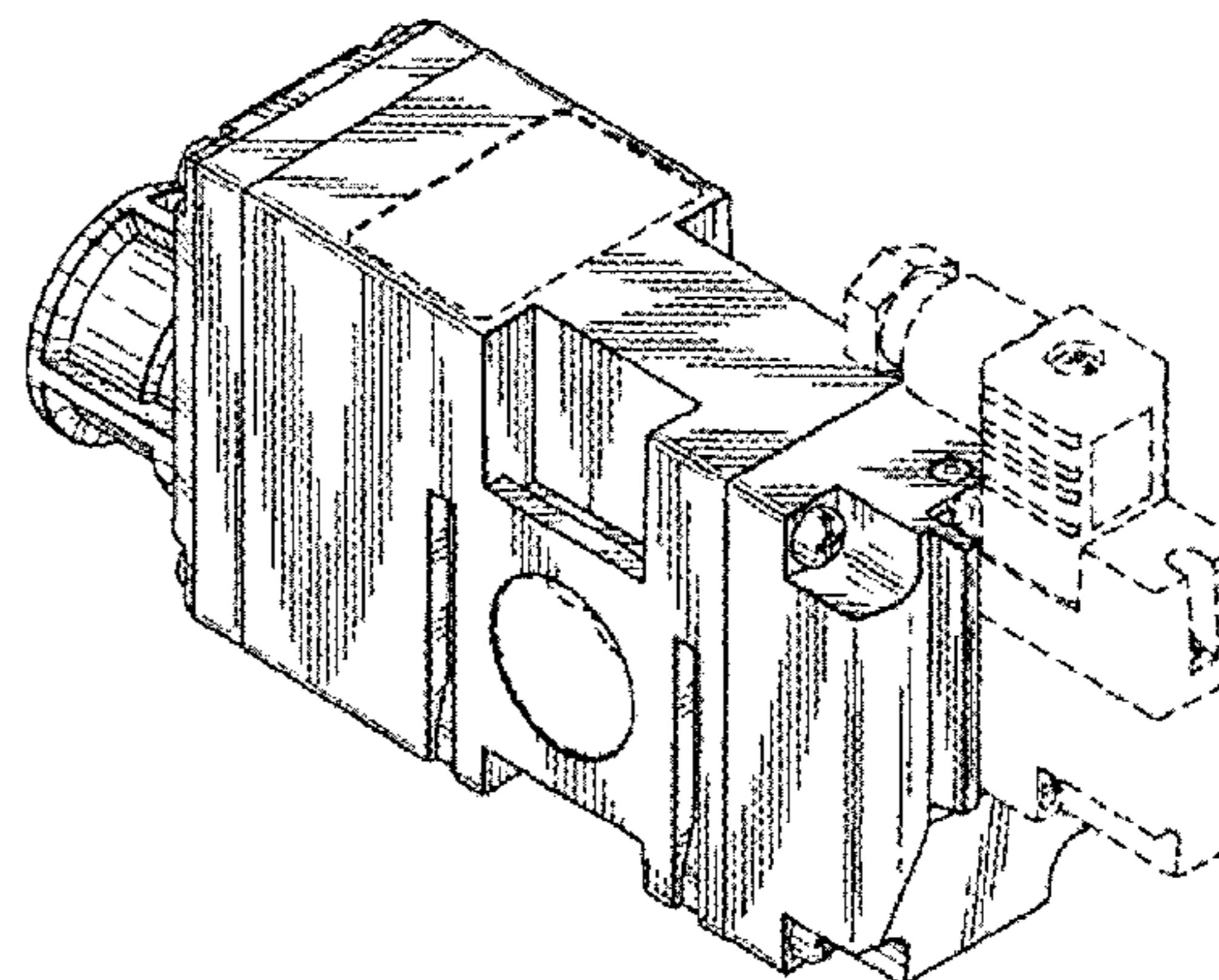
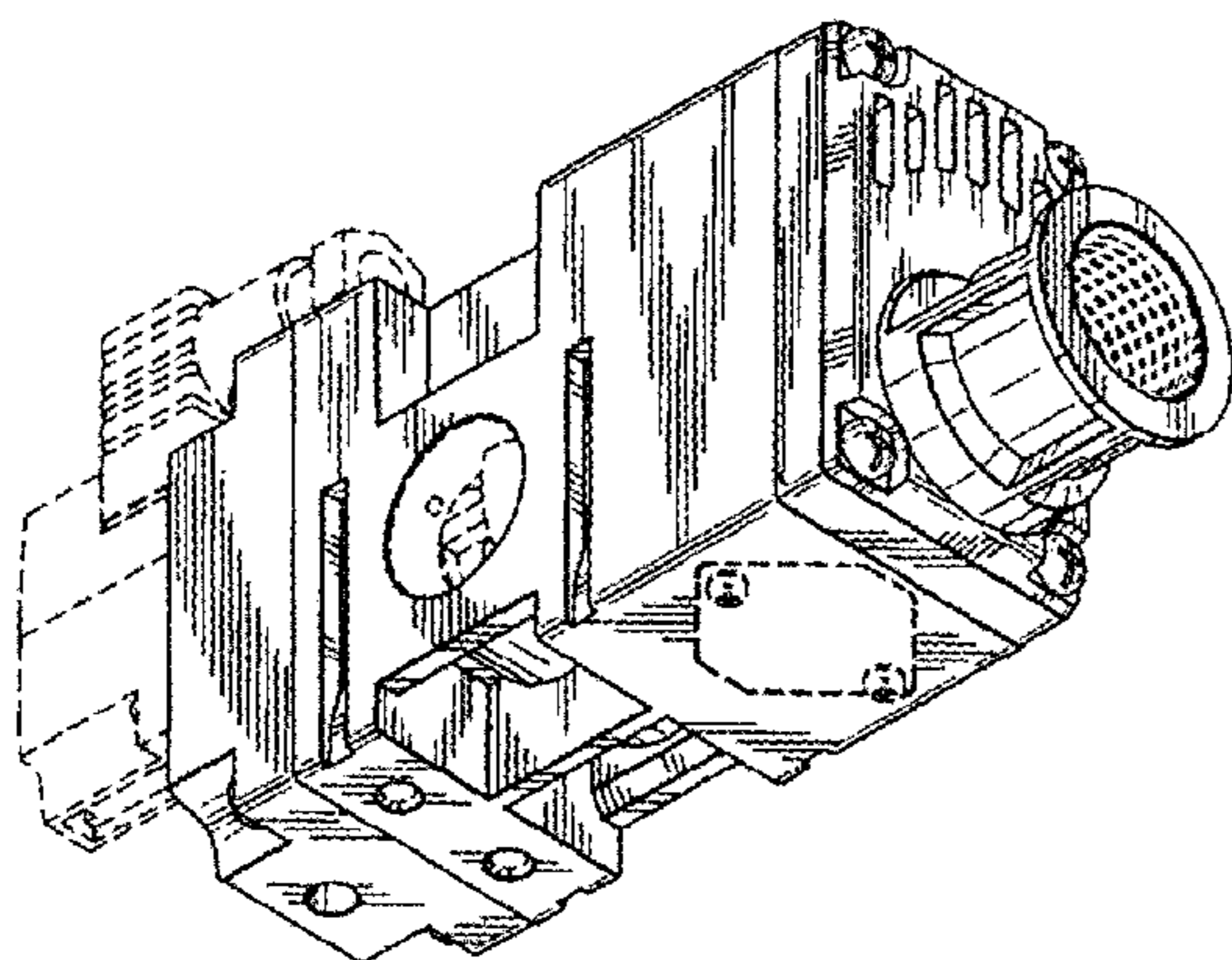
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(57) **CLAIM**
The ornamental design for an electromagnetic valve, as shown and described.

DESCRIPTION

FIG. 1 is a front elevational view of an electromagnetic valve showing my 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 elevational view thereof; FIG. 6 is a right elevational view thereof; FIG. 7 is a perspective view thereof; and, FIG. 8 is another perspective view thereof. The broken lines in the figures are included for the purpose of illustrating portions of the electromagnetic valve and form no part of the claimed design.

1 Claim, 8 Drawing Sheets



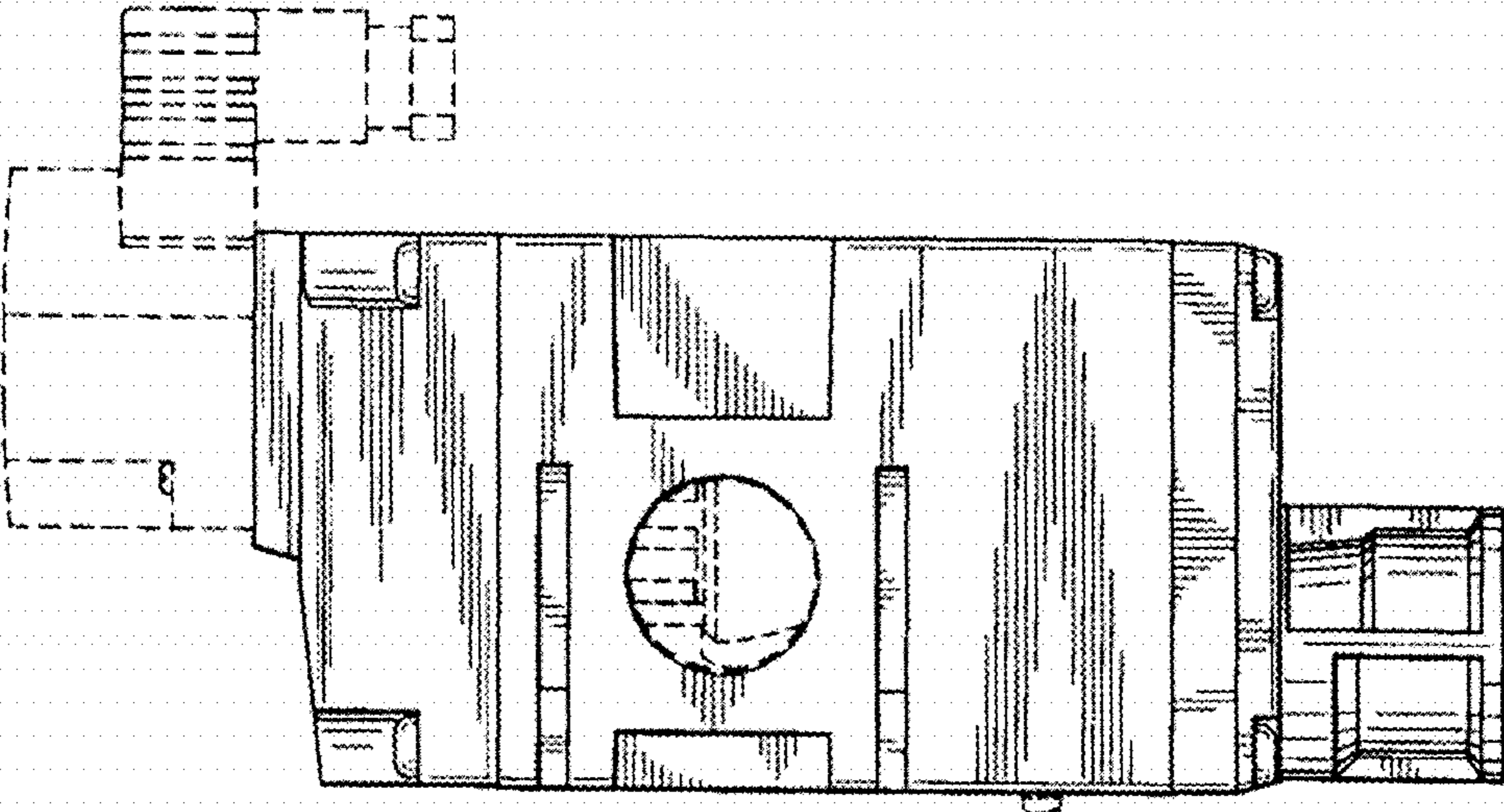


Fig. 1

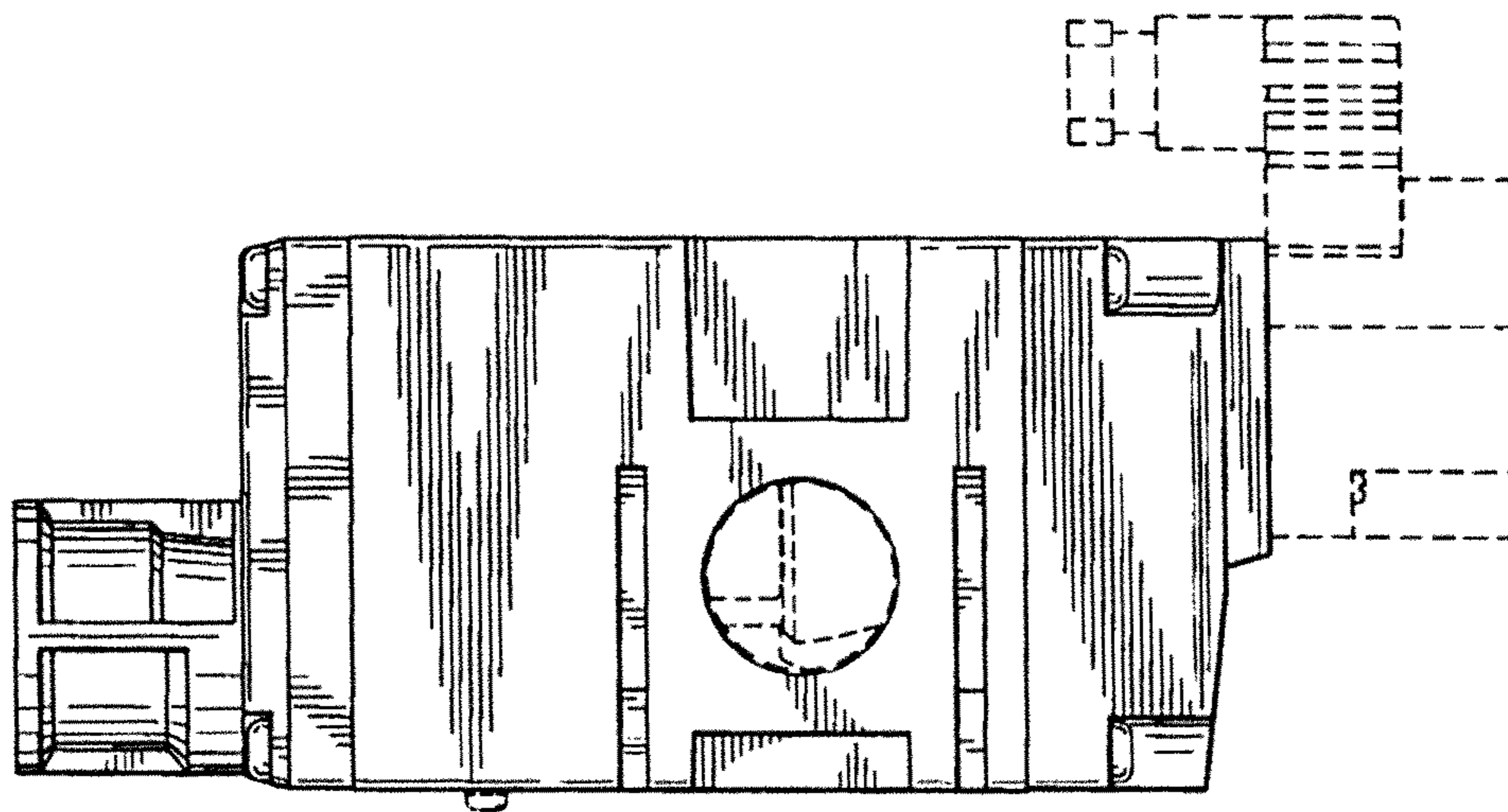


Fig. 2

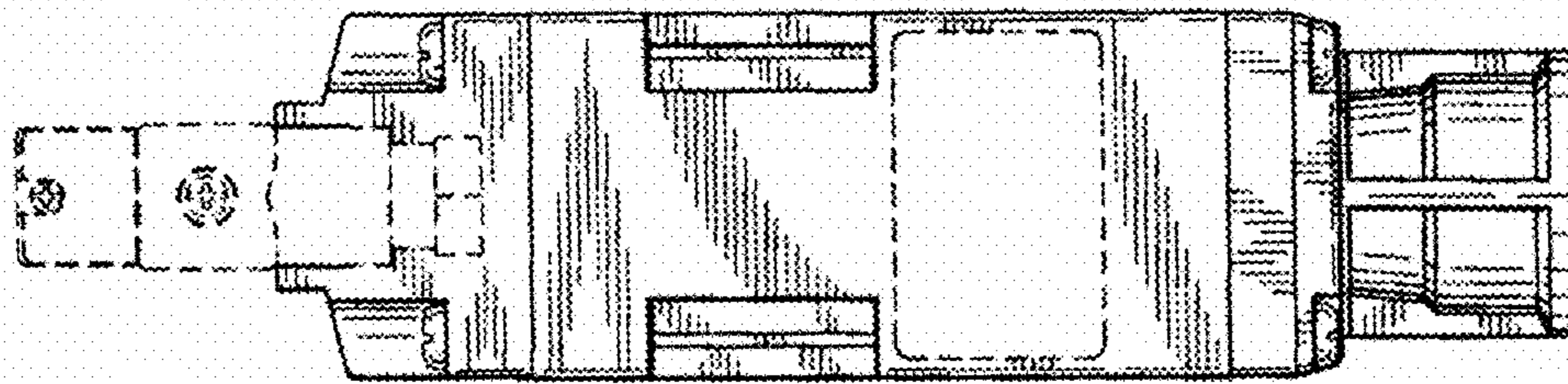


Fig. 3

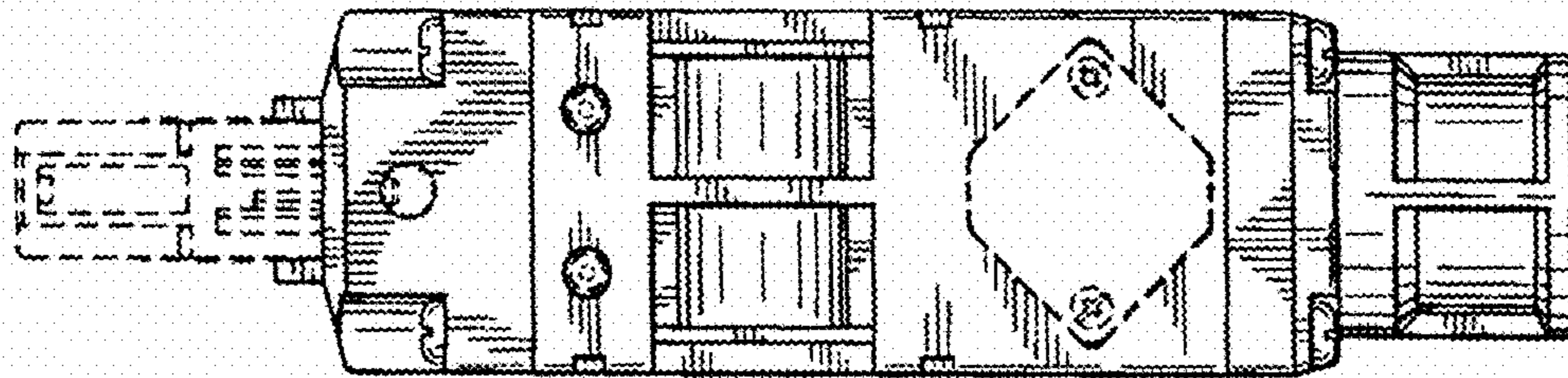


Fig. 4

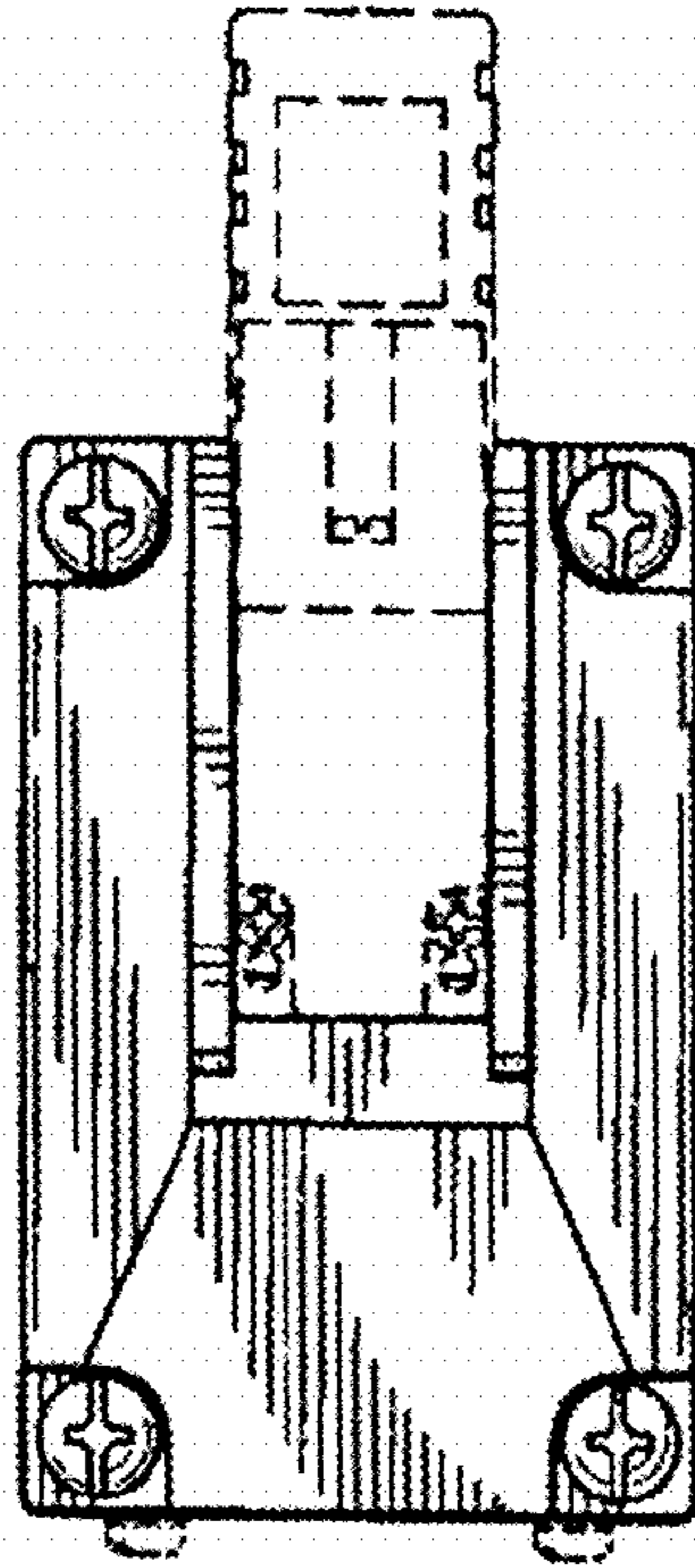


Fig. 5

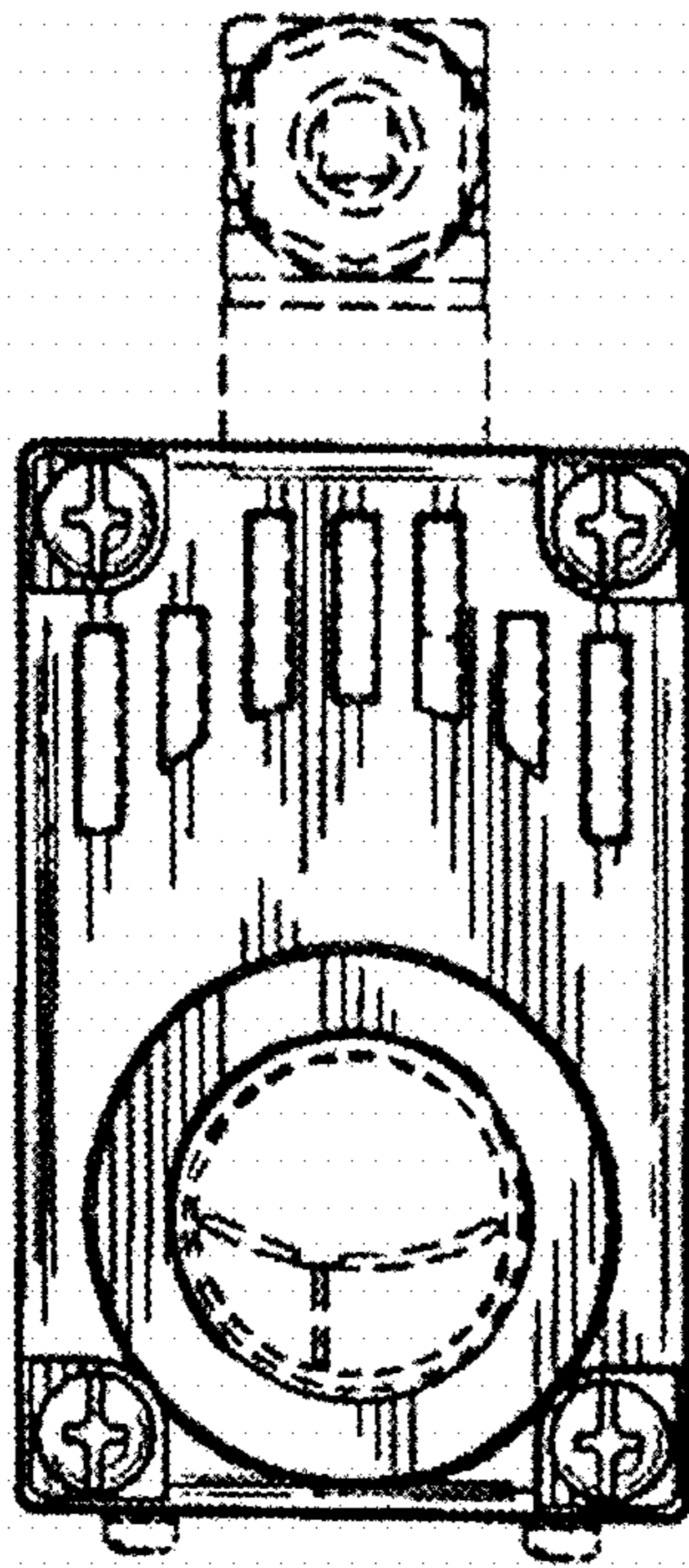


Fig. 6

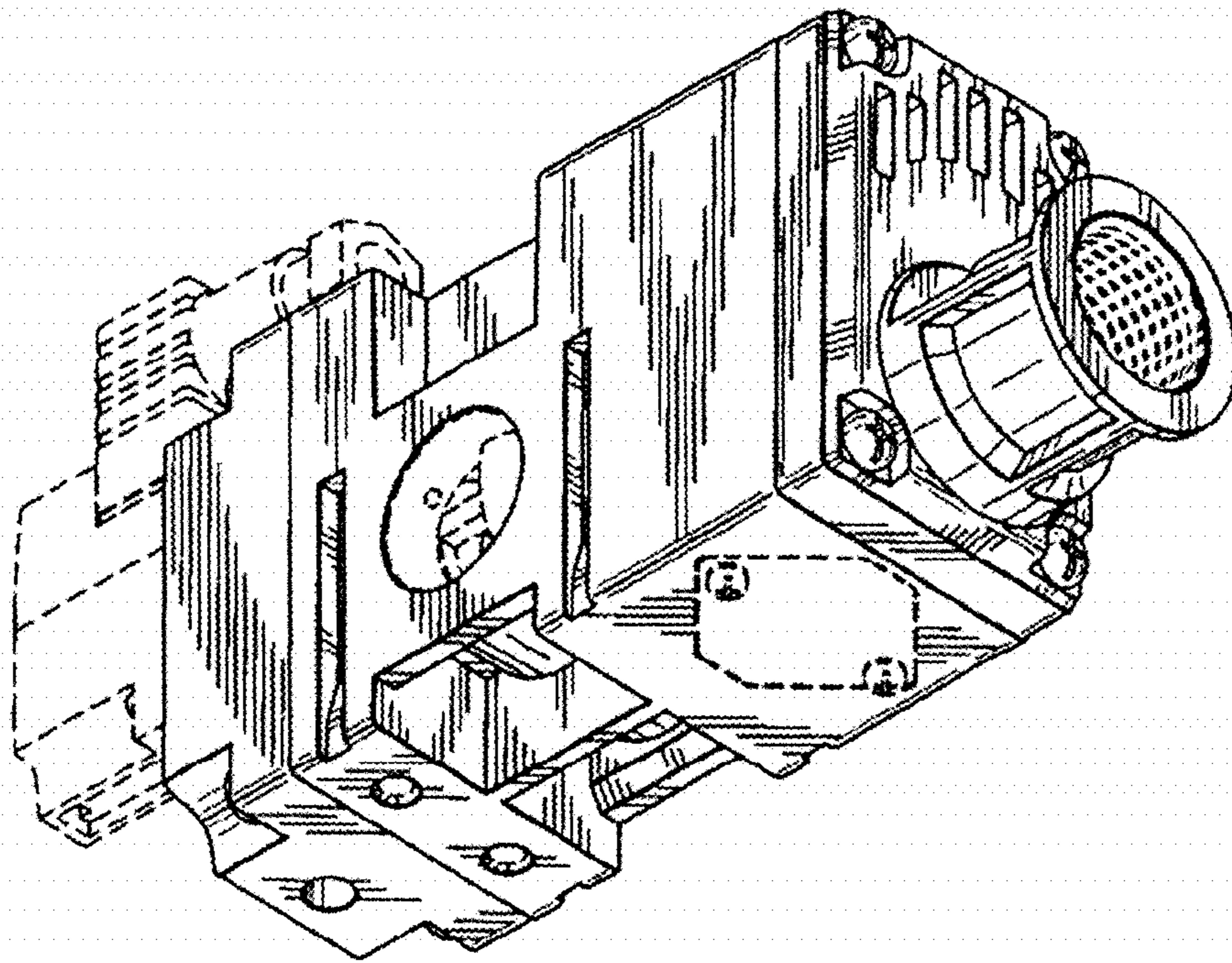


Fig. 7

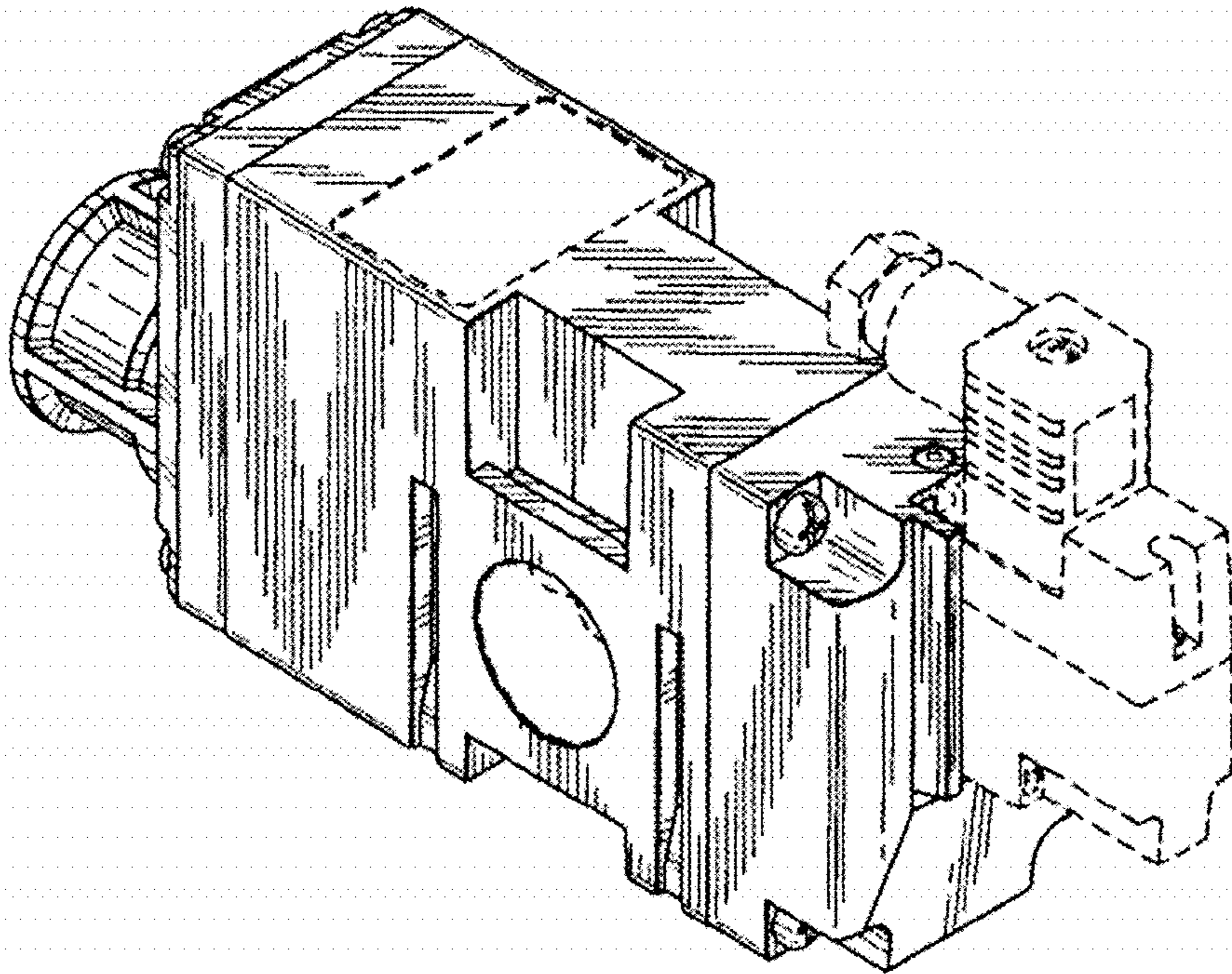


Fig. 8