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(12) **United States Design Patent** (10) **Patent No.:** **US D872,835 S**
Sakamoto et al. (45) **Date of Patent:** **** Jan. 14, 2020**

(54) **REGULATOR** D640,153 S * 6/2011 Okitsu D10/85
D640,154 S * 6/2011 Okitsu D10/85
(71) Applicant: **SMC CORPORATION**, Tokyo (JP) D644,298 S * 8/2011 Okitsu D23/235
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Hiroaki Ishihara, Tsukubamirai (JP); D737,934 S 9/2015 Sakamoto
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Mizuna Iida, Tsukubamirai (JP) 137/505.34

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(73) Assignee: **SMC CORPORATION**, Tokyo (JP) JP 1005967 S 3/1998
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(**) Term: **15 Years** JP 1093508 S 12/2000
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(21) Appl. No.: **29/679,440** JP 1520210 S 3/2015
(22) Filed: **Feb. 6, 2019** * cited by examiner

Related U.S. Application Data

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Foreign Application Priority Data

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(57) **CLAIM**

The ornamental design for a regulator, as shown and described.

(51) **LOC (12) Cl.** **23-01**

DESCRIPTION

(52) **U.S. Cl.**
USPC **D23/235**

(58) **Field of Classification Search**

USPC D23/233-269; D10/83, 85; 91/394, 395, 91/407, 408; 92/15-17, 28, 51, 52, 68; 137/505, 505.42, 549, 557
CPC F16K 17/00; F16K 1/123; F16K 47/04; F16K 47/08

See application file for complete search history.

FIG. 1 is a front, top and right side perspective view of a regulator showing our new design;
FIG. 2 is a rear, bottom and left side perspective view thereof;
FIG. 3 is a front view thereof;
FIG. 4 is a rear view thereof;
FIG. 5 is a top plan view thereof;
FIG. 6 is a bottom plan view thereof;
FIG. 7 is a left side view thereof; and,
FIG. 8 is a right side view thereof.

The broken lines shown in the figures are included for the purpose of illustrating portions of the regulator and form no part of the claimed design.

(56) **References Cited**

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1 Claim, 8 Drawing Sheets

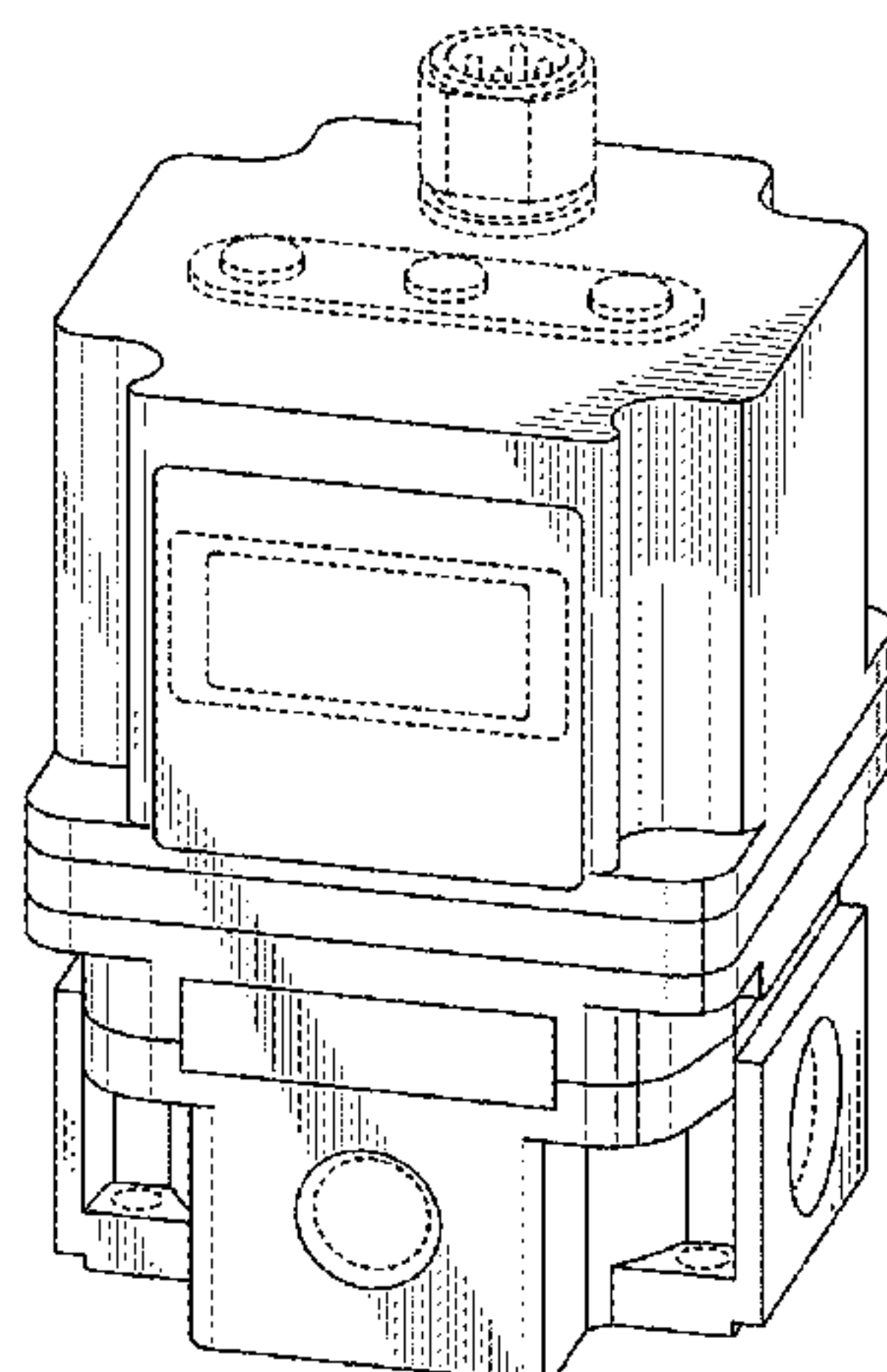


FIG. 1

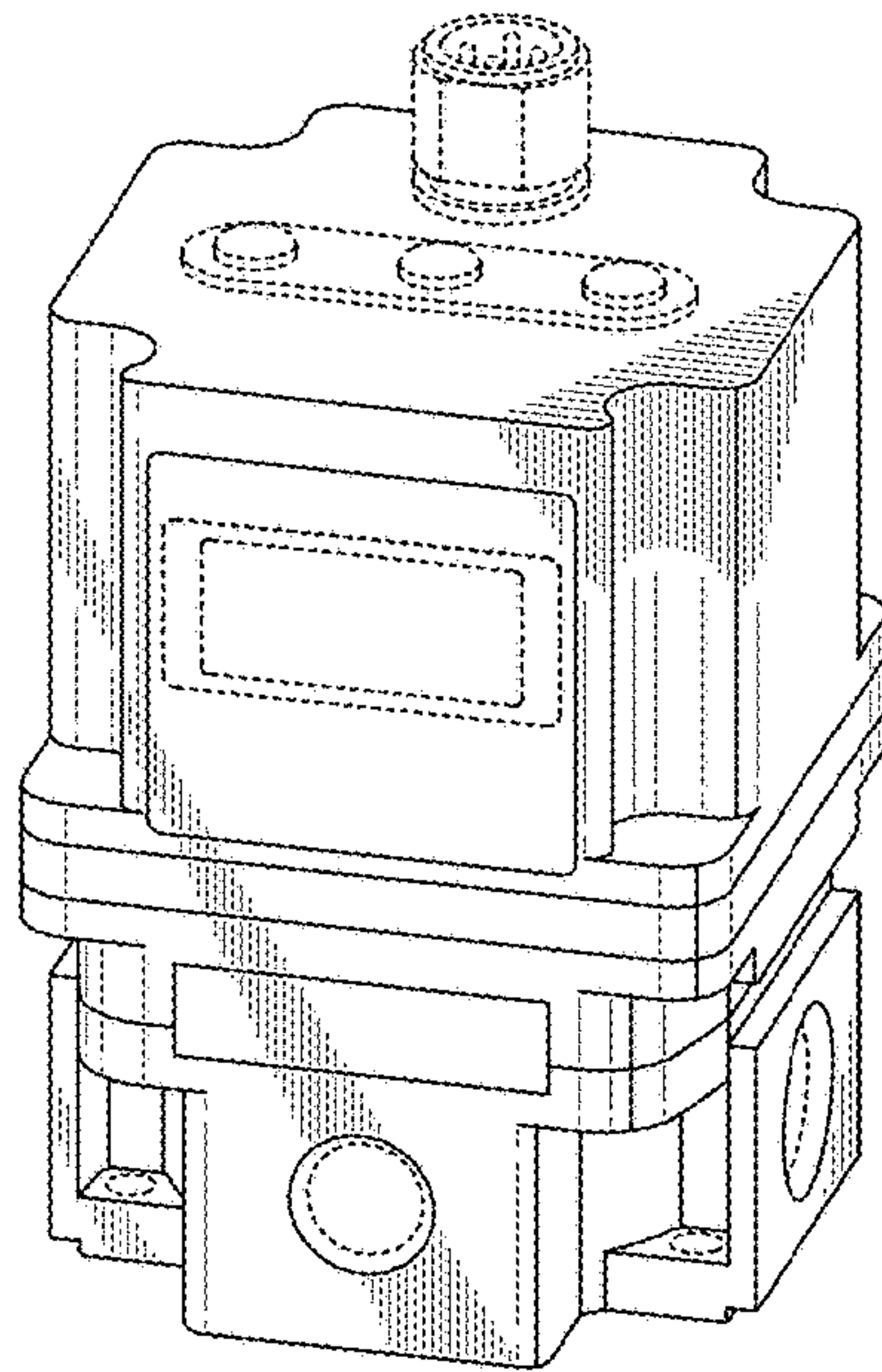


FIG. 2

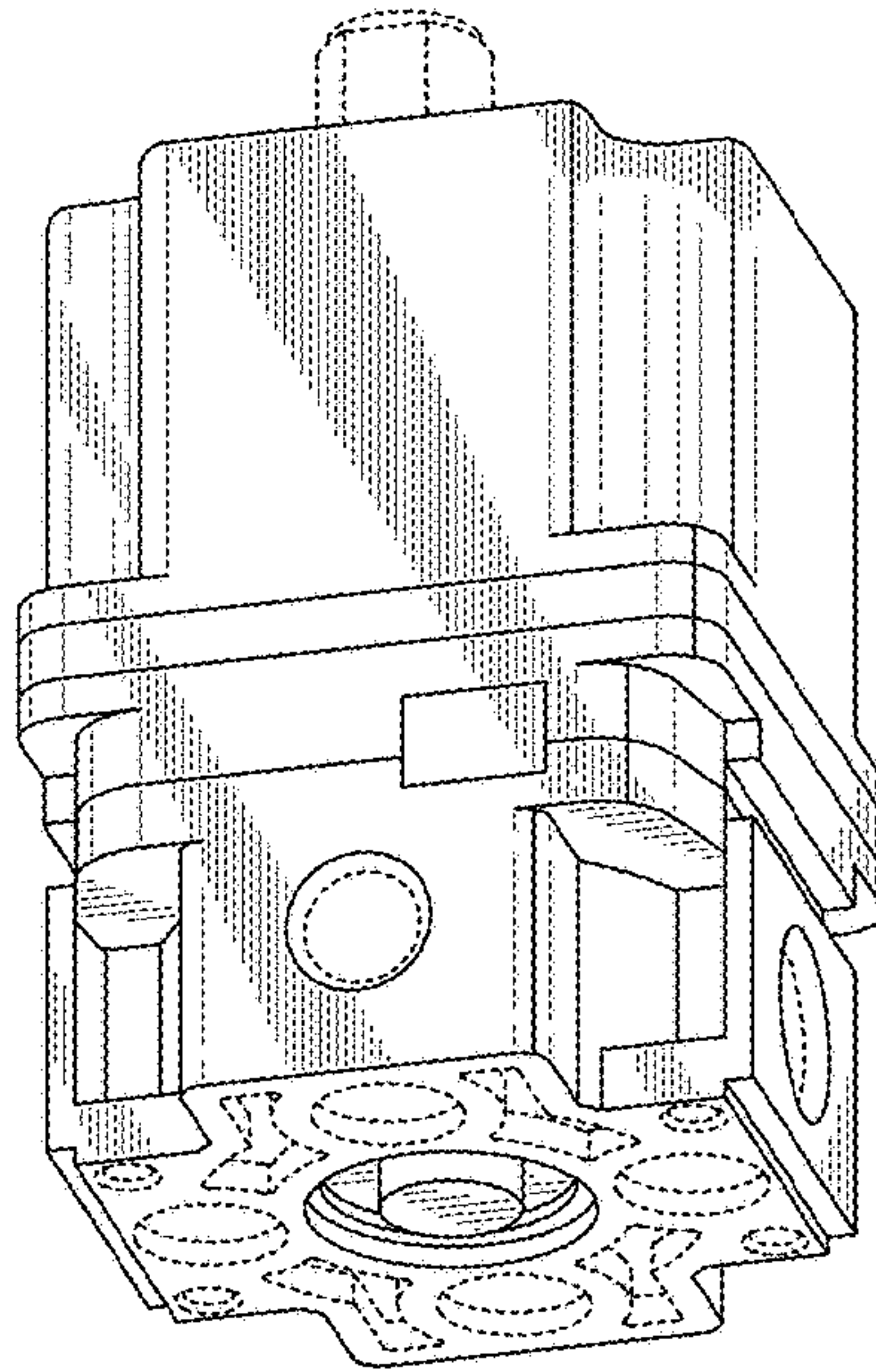


FIG. 3

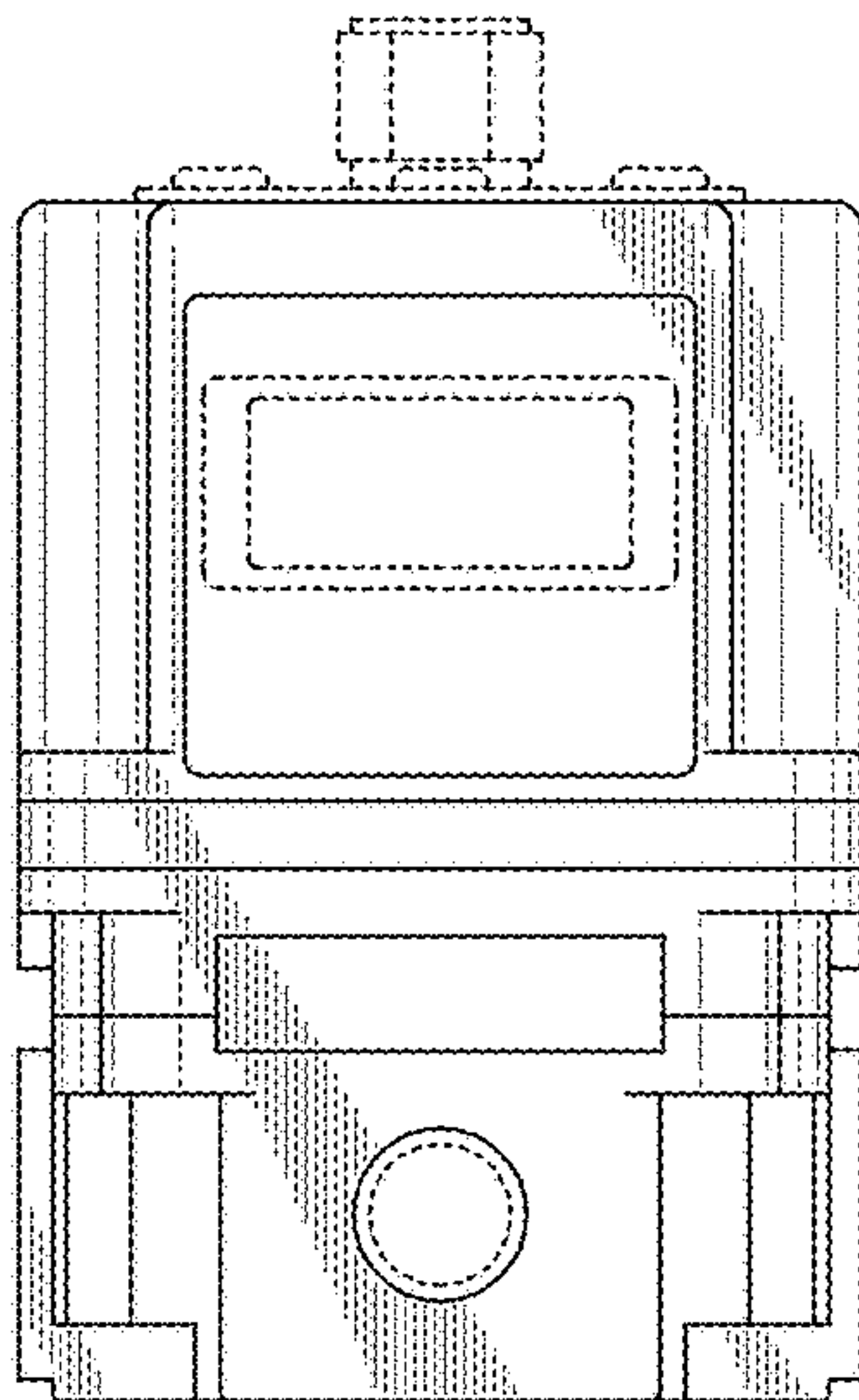


FIG. 4

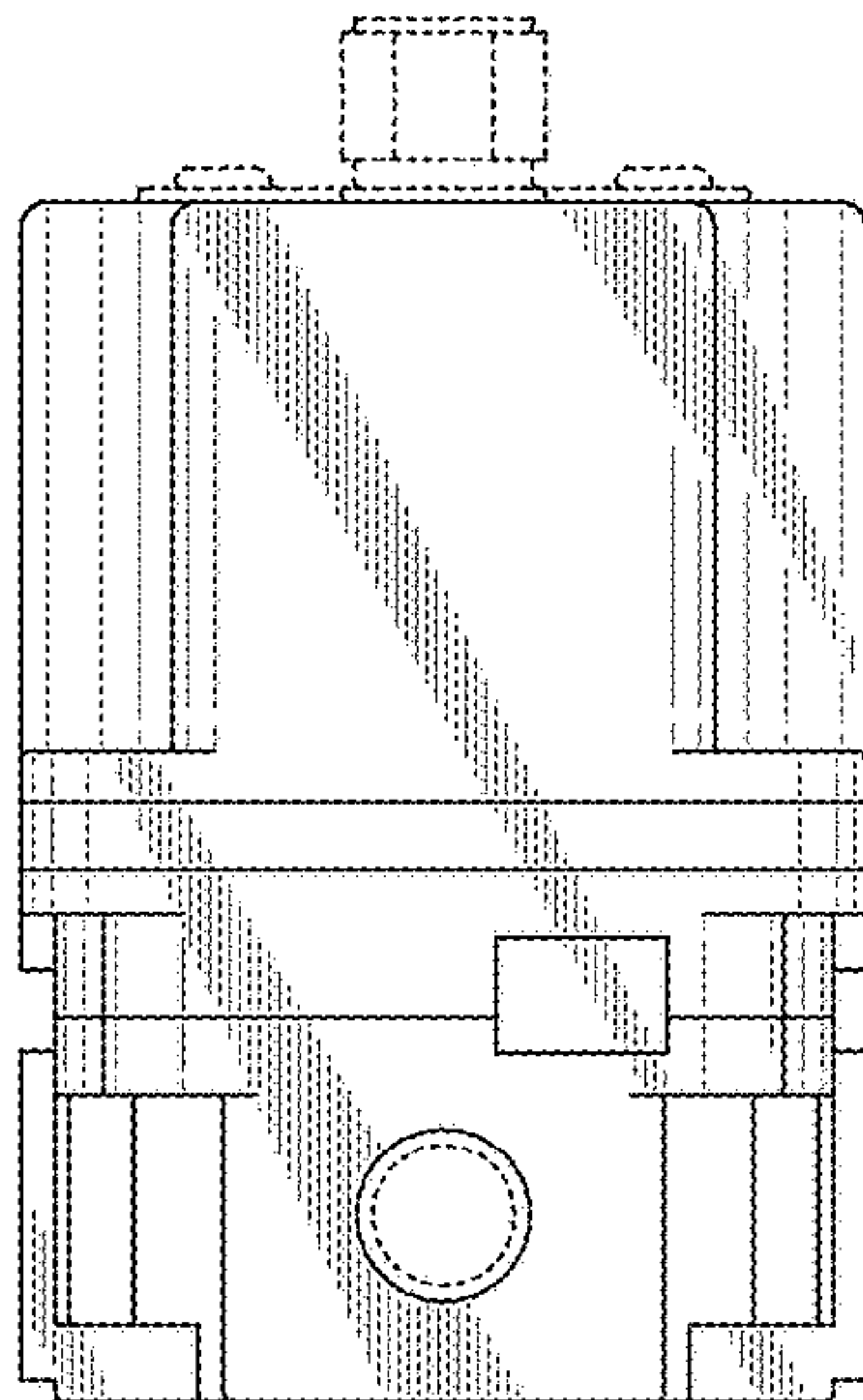


FIG. 5

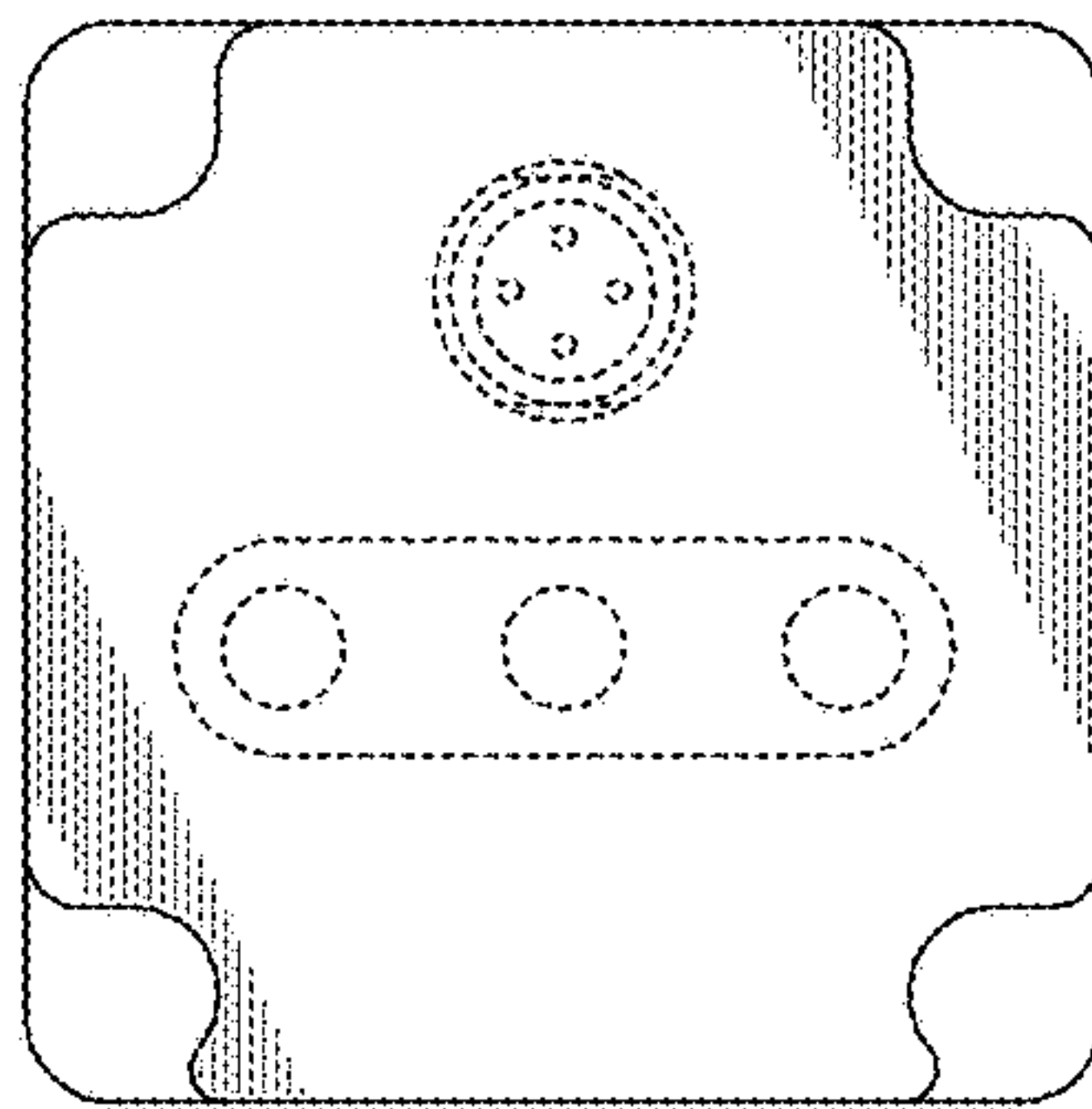


FIG. 6

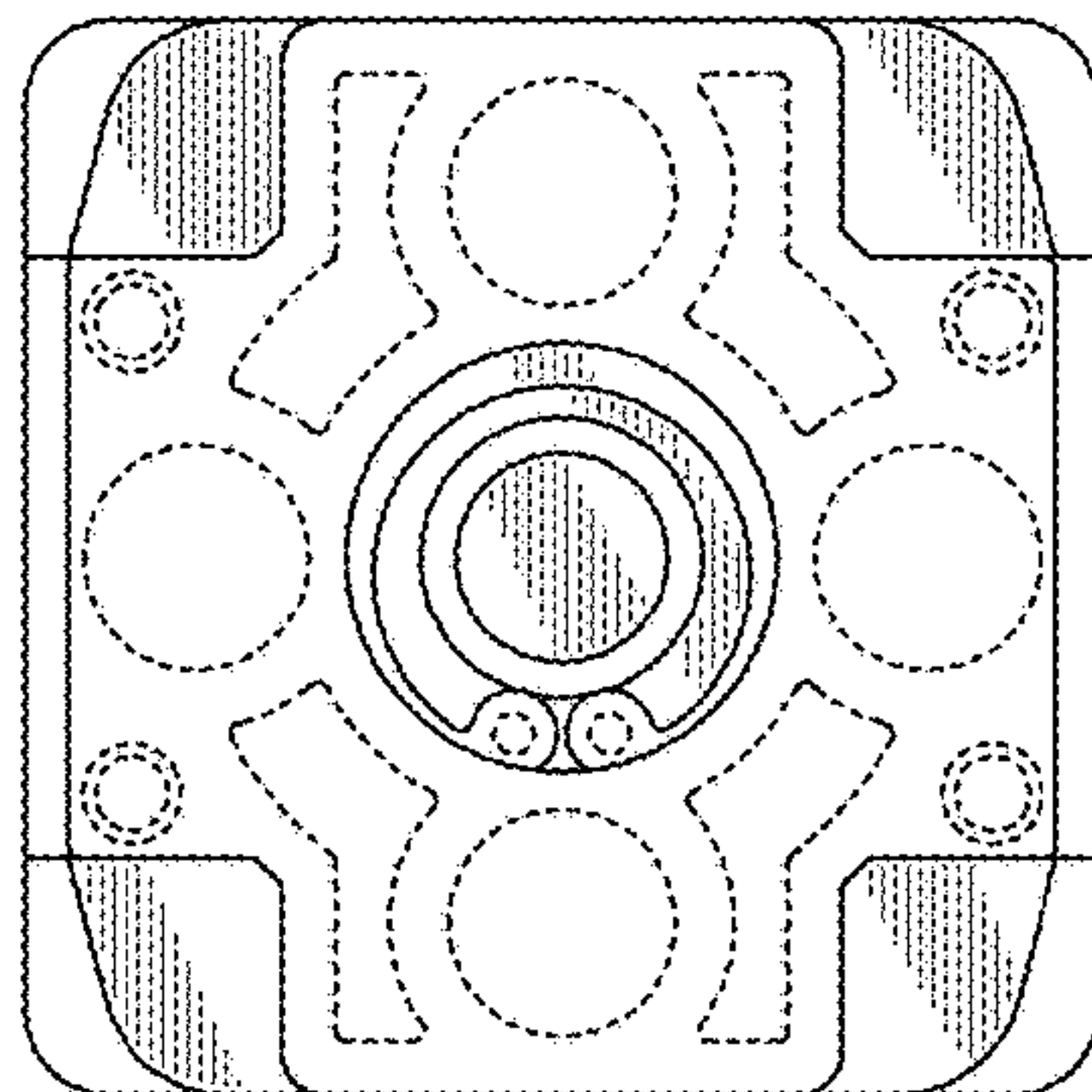


FIG. 7

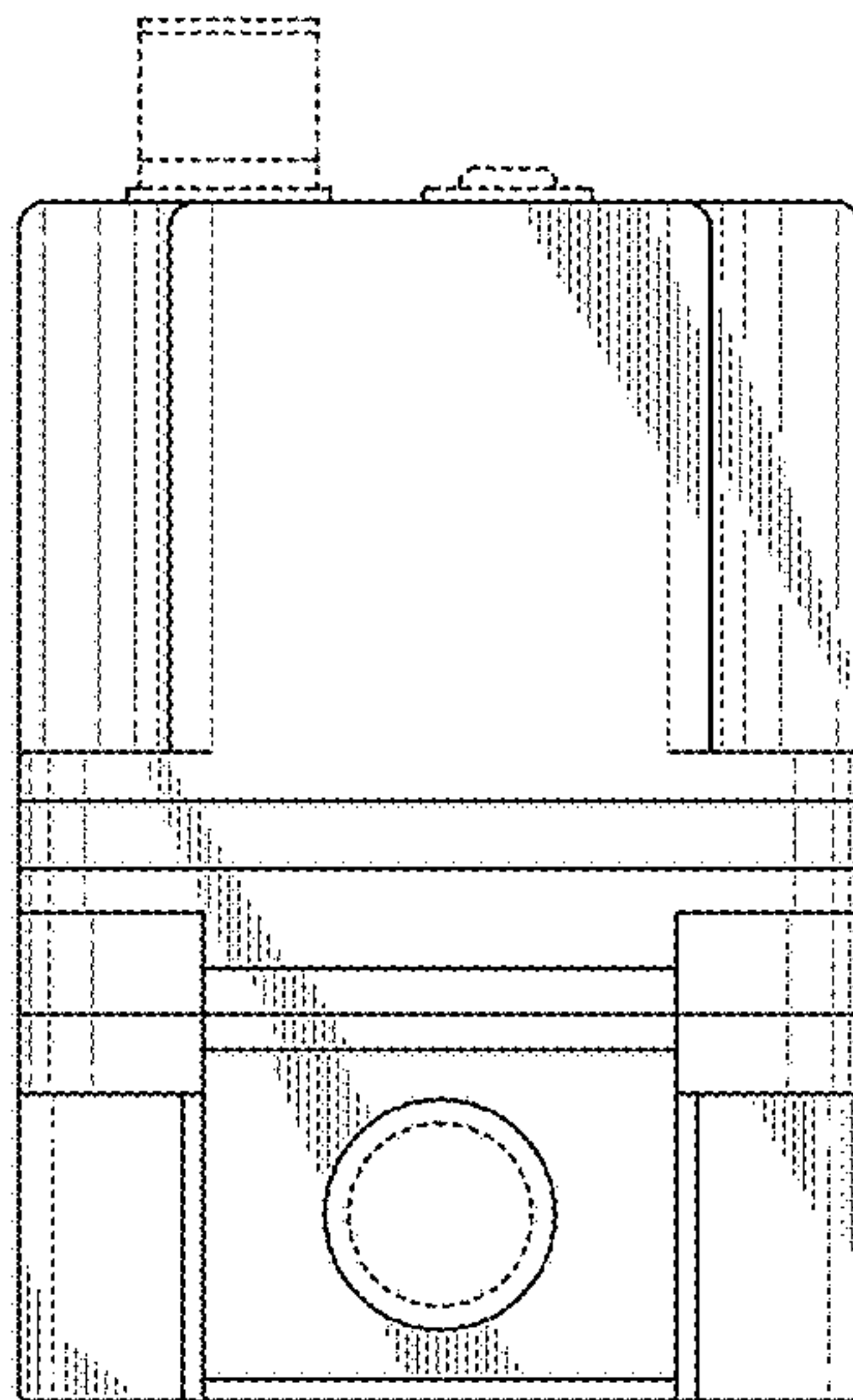


FIG. 8

