



US00D792948S

(12) **United States Design Patent**
Kumakura et al.(10) **Patent No.:** **US D792,948 S**
(45) **Date of Patent:** **** Jul. 25, 2017**(54) **EXPANSION VALVE**(71) Applicant: **TGK CO., LTD.**, Tokyo (JP)(72) Inventors: **Takanao Kumakura**, Tokyo (JP);
Takeshi Kaneko, Tokyo (JP)(73) Assignee: **TGK CO., LTD.**, Tokyo (JP)(**) Term: **15 Years**(21) Appl. No.: **29/559,301**(22) Filed: **Mar. 25, 2016**(30) **Foreign Application Priority Data**

Jan. 8, 2016 (JP) 2016-000358

(51) **LOC (10) Cl.** **23-01**(52) **U.S. Cl.**USPC **D23/233**(58) **Field of Classification Search**USPC D23/233, 234, 235, 236, 237, 238, 239,
D23/240, 241, 242, 243, 244, 245, 246,
D23/247, 248, 249, 250; D15/5, 6, 7;
251/129.01, 129.11, 264, 333, 331;
137/625.48, 630.12, 14, 333, 340, 500,
137/511, 550, 596.12, 614.16; 236/63,
236/64; 62/222CPC F16K 11/074; F16K 11/10; F16K 31/0613;
B05C 5/0229; B05B 15/0233; F25B
41/062

See application file for complete search history.

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LLP(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a front perspective view of an expansion valve, showing our new design;

FIG. 2 is a rear perspective view thereof;

FIG. 3 is a front elevation view thereof;

FIG. 4 is a rear elevation view thereof;

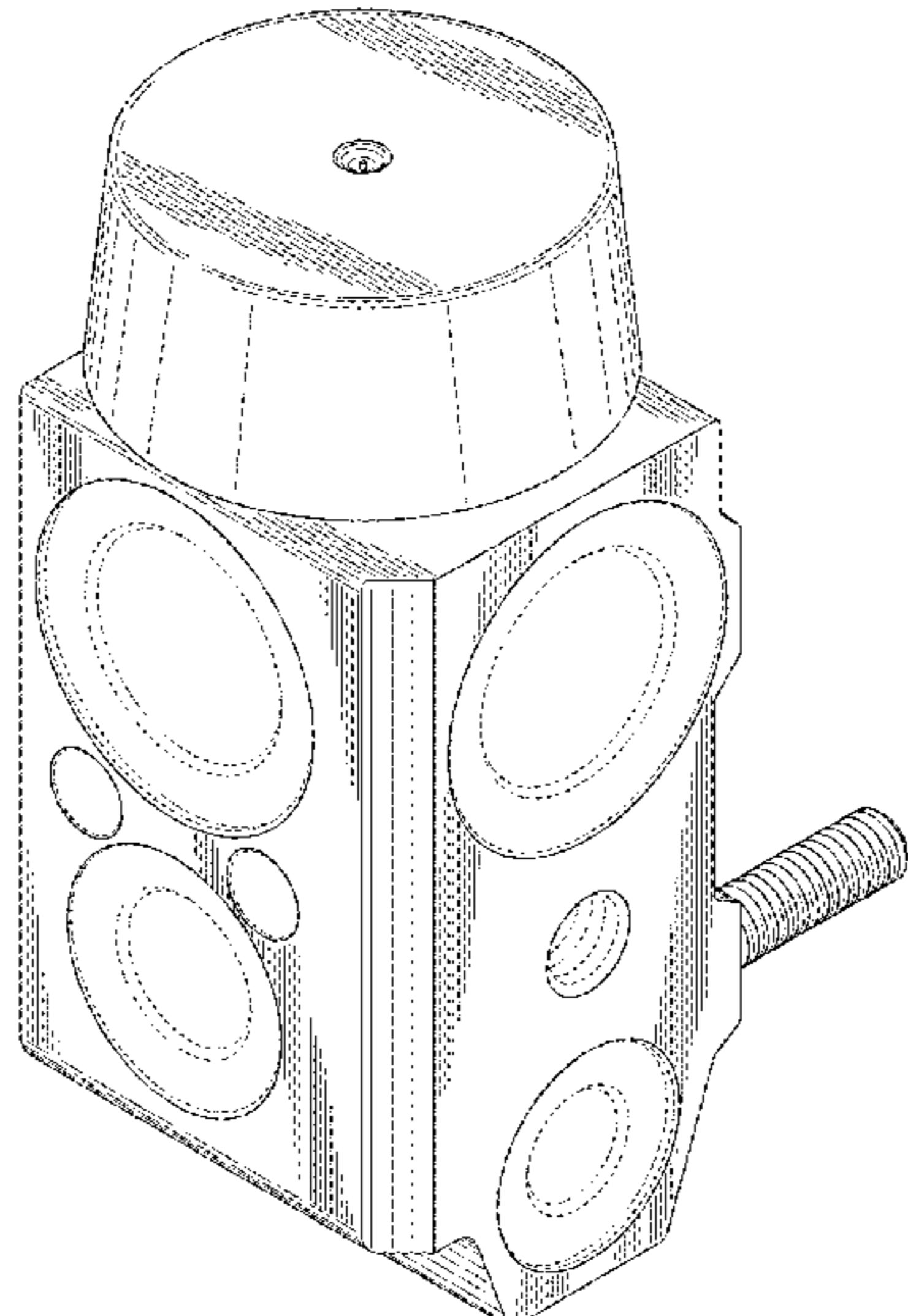
FIG. 5 is a top plan view thereof;

FIG. 6 is a bottom plan view thereof;

FIG. 7 is a left-side elevation view thereof; and,

FIG. 8 is a right-side elevation view thereof.

The broken lines are for the purpose of illustrating portions of the expansion valve and form no part of the claimed design.

1 Claim, 8 Drawing Sheets

(56)

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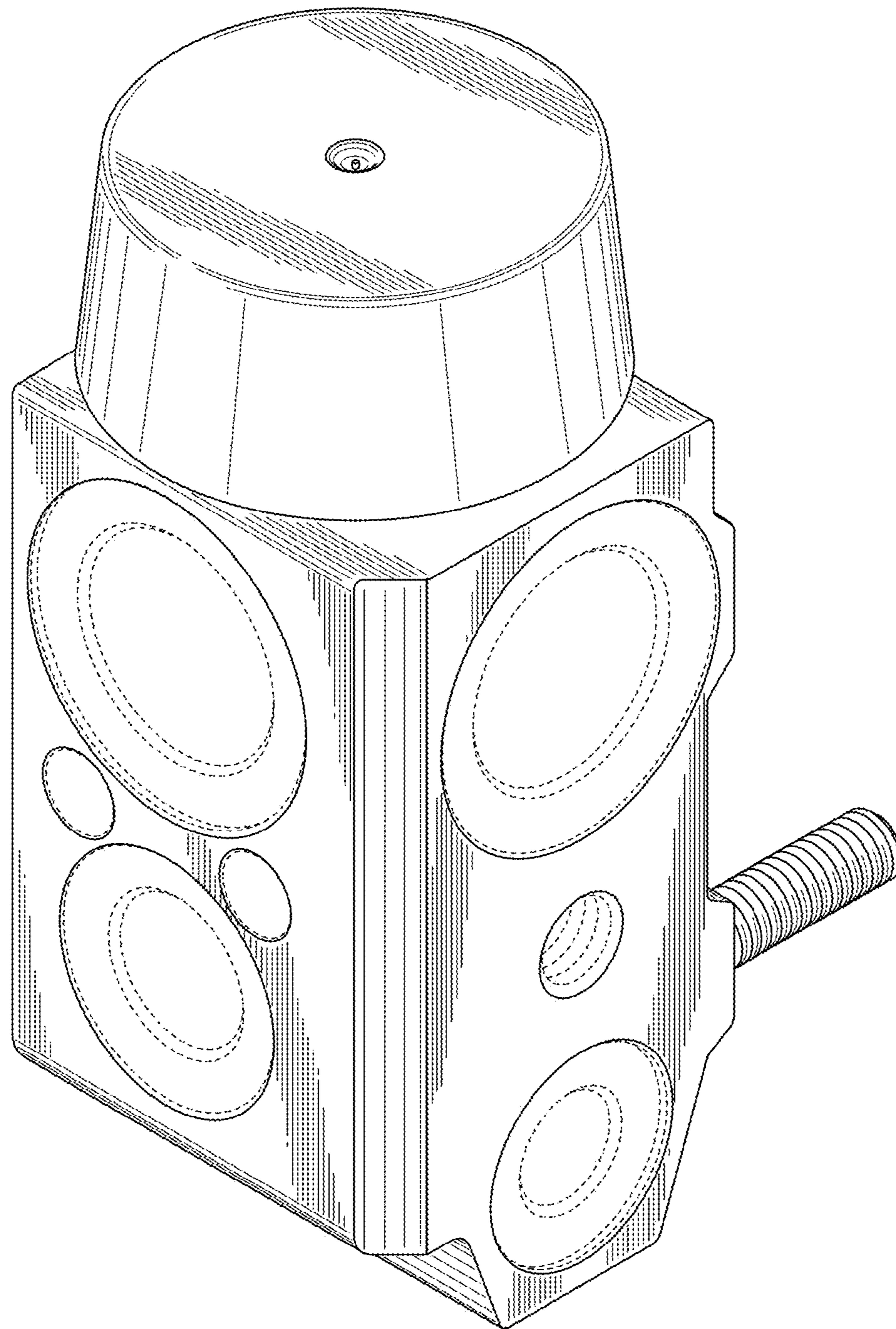
FIG. 1

FIG. 2

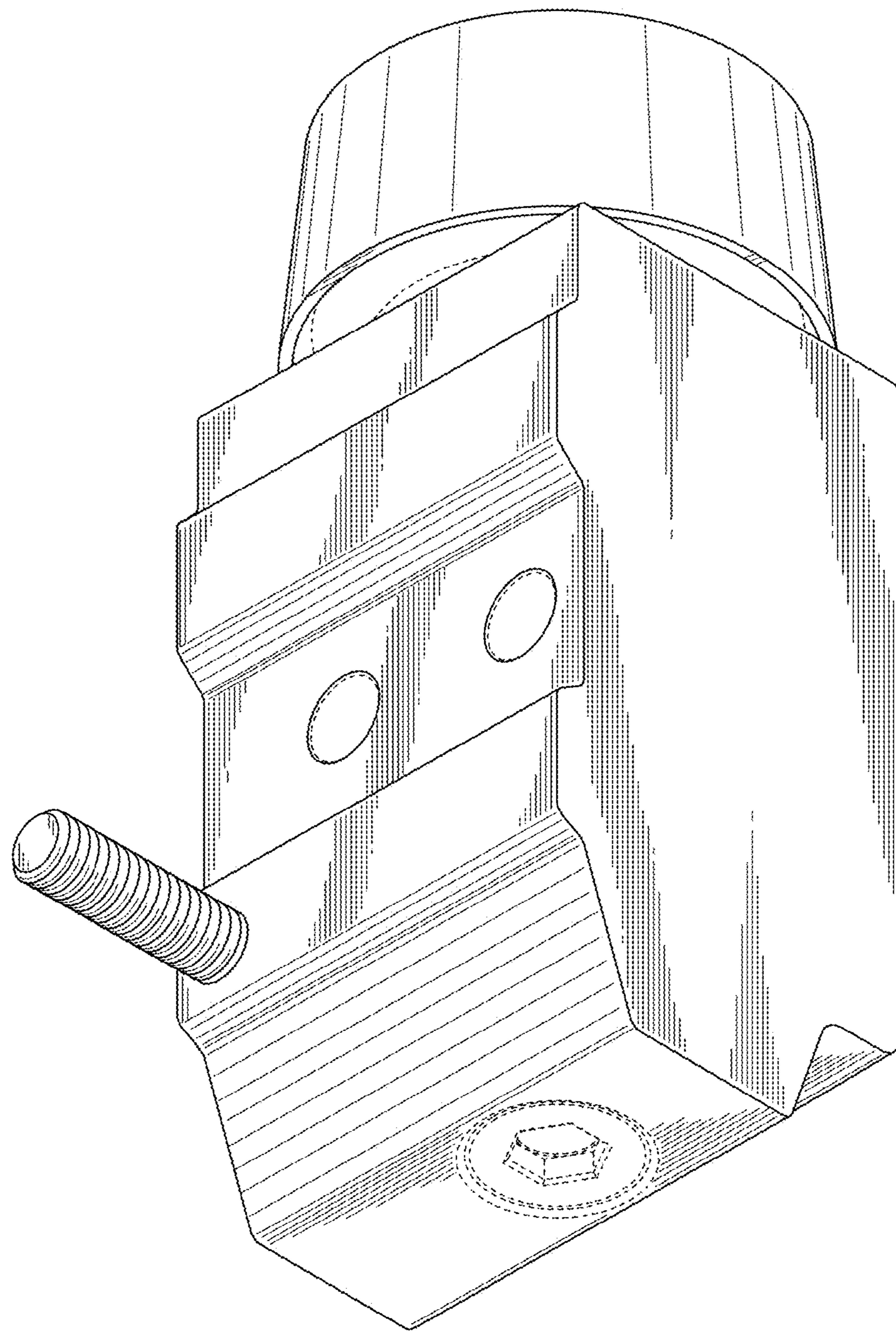


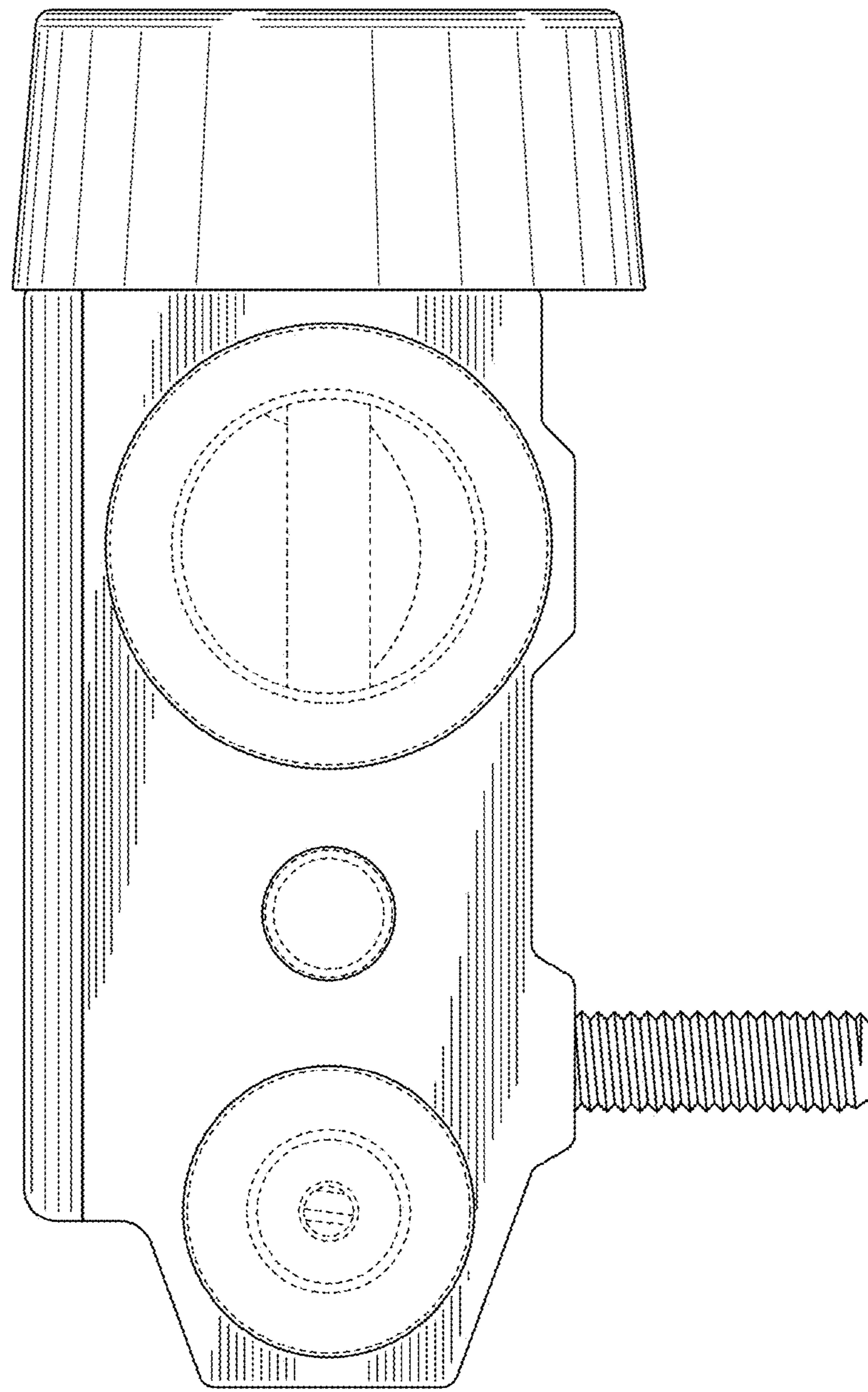
FIG. 3

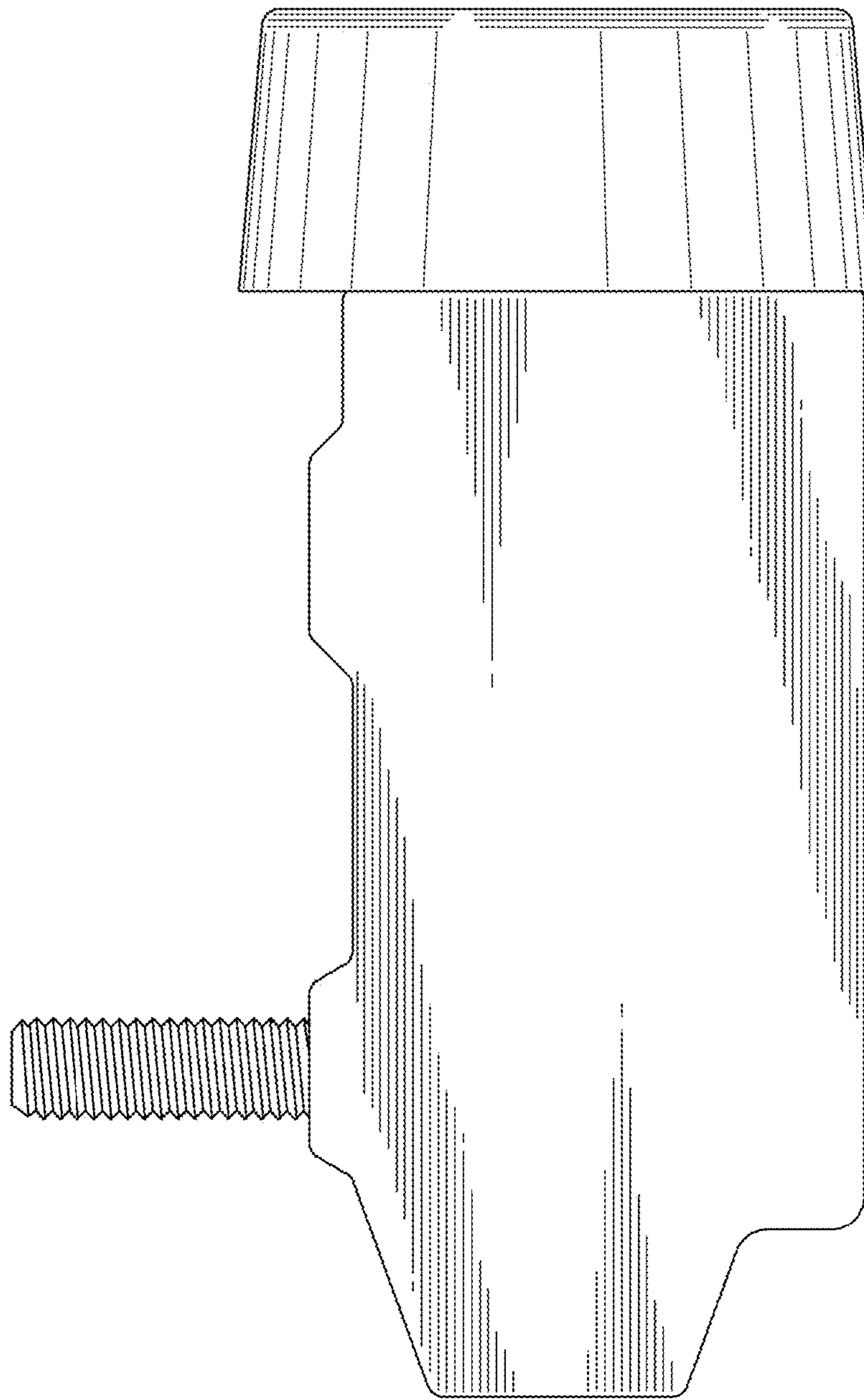
FIG. 4

FIG. 5

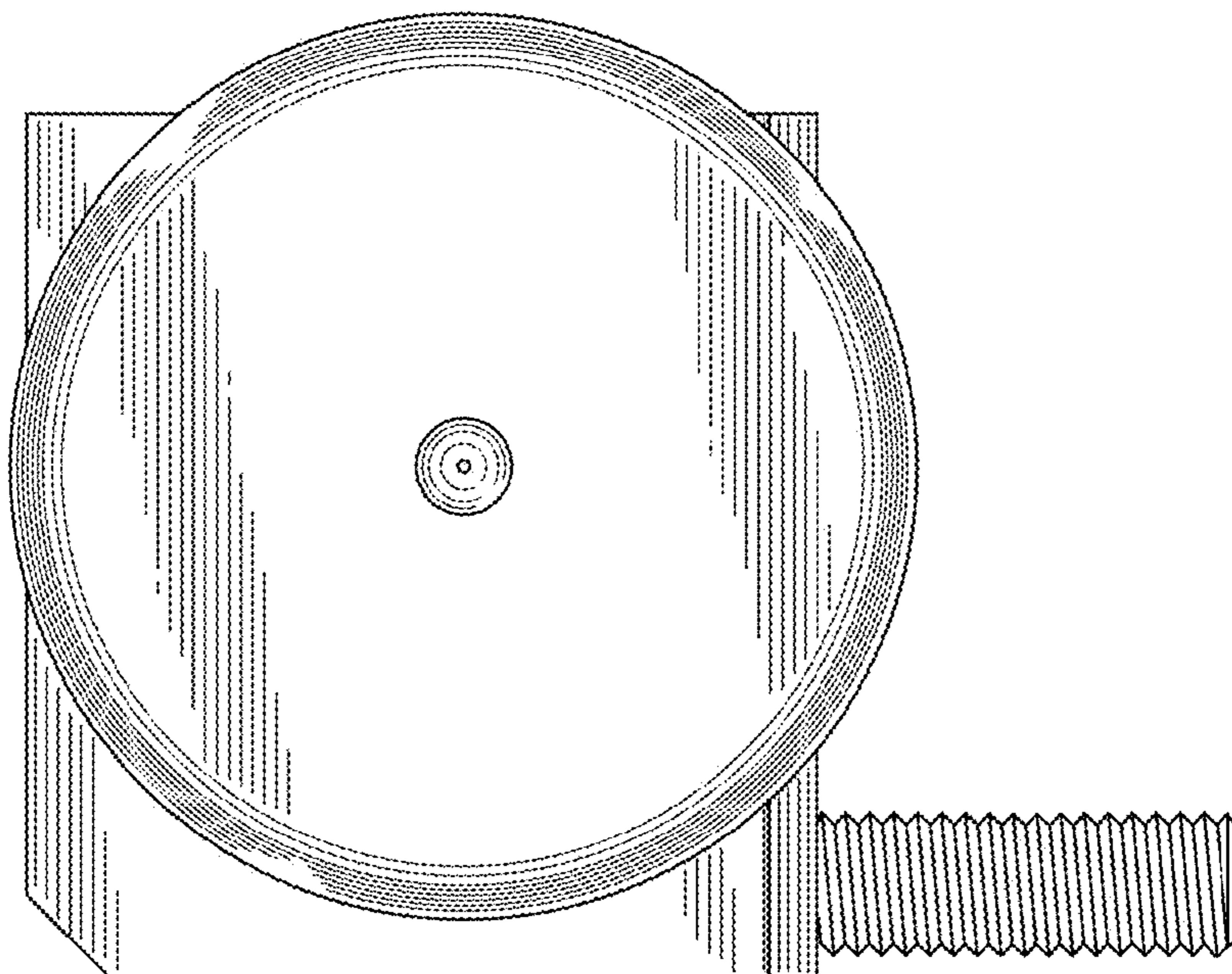


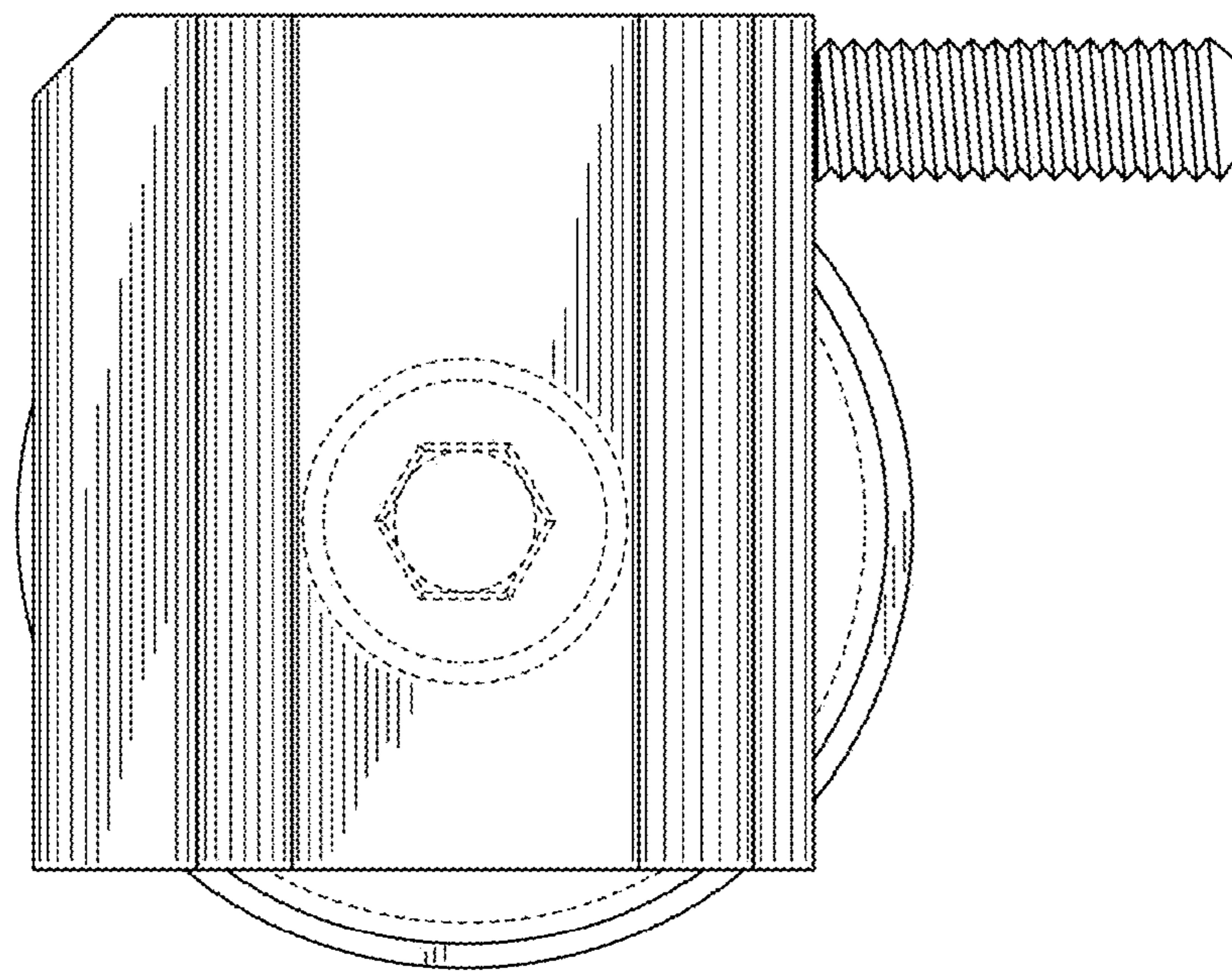
FIG. 6

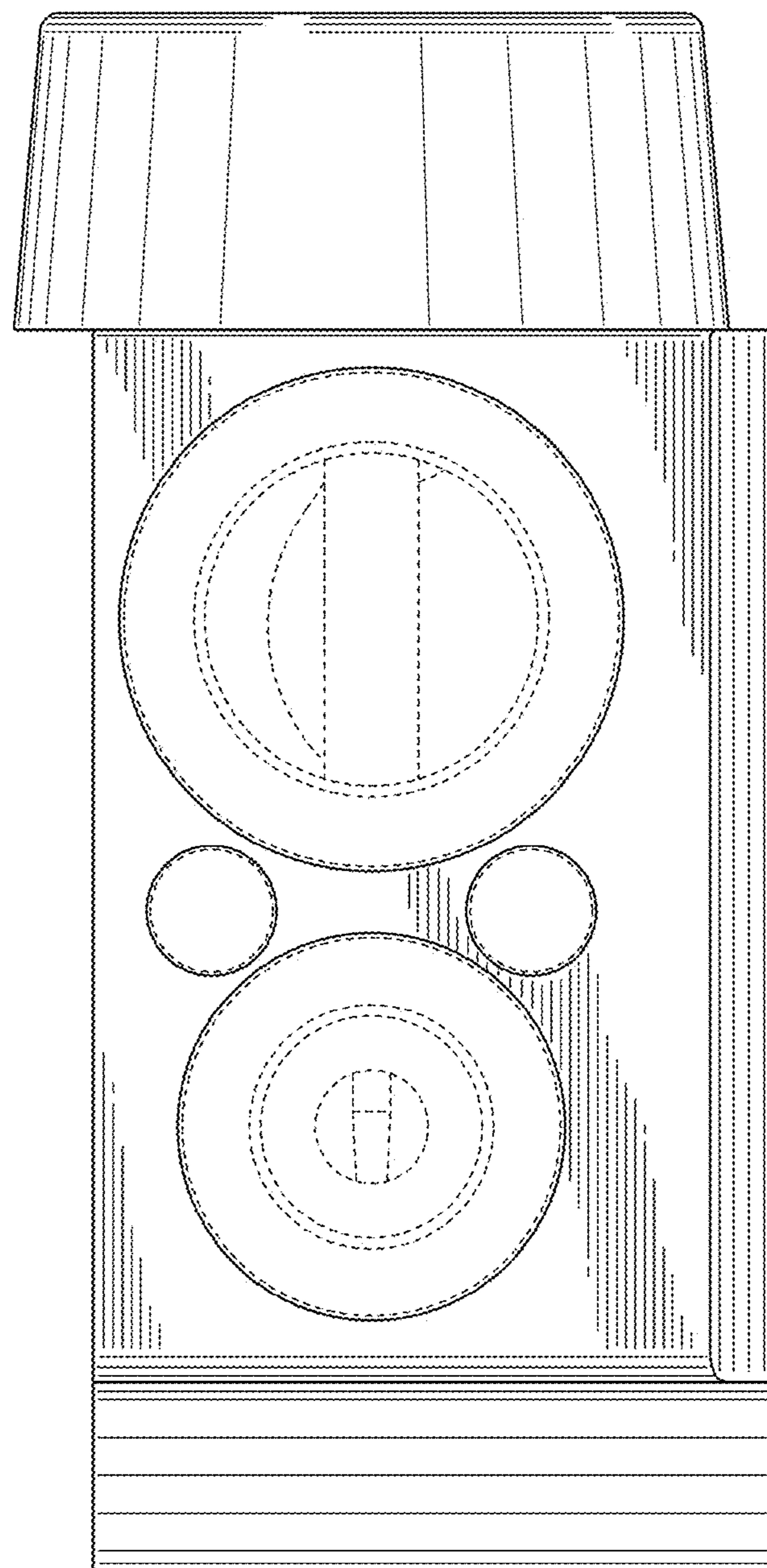
FIG. 7

FIG. 8

