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

(10) **Patent No.:** **US D842,351 S**
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(54) **TOROIDAL SHAPED PARTICLE IMPACT DAMPER**

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(73) Assignee: **TopLine Corporation**, Irvine, CA (US)

(**) Term: **15 Years**

(21) Appl. No.: **29/634,593**

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(51) **LOC (11) Cl.** **15-09**

(52) **U.S. Cl.**
USPC **D15/138**

(58) **Field of Classification Search**
USPC D15/138, 143
CPC F16F 7/015
See application file for complete search history.

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(57) **CLAIM**

I claim the ornamental design for a toroidal shaped particle impact damper, as shown and described.

DESCRIPTION

FIG. 1 is a perspective top view of a toroidal shaped particle impact damper, according to my new design, with a disclaimed motor shaft extending through the damper;

FIG. 2 is a perspective top view of the toroidal shaped particle impact damper with a disclaimed motor shaft extending through the damper mounted onto a disclaimed printed circuit board;

FIG. 3 is a cross-sectional view of the toroidal shaped particle impact damper along line 3-3 in FIG. 1;

FIG. 4 is an exploded view of the cross-sectional side view of the toroidal shaped particle impact damper in FIG. 3;

FIG. 5 is a top cross-sectional view of the toroidal shaped particle impact damper along line 5-5 in FIG. 1.

FIG. 6 is a top planar view of the toroidal shaped particle impact damper;

FIG. 7 is a bottom planar view of the toroidal shaped particle impact damper;

FIG. 8 is a front view of the toroidal shaped particle impact damper;

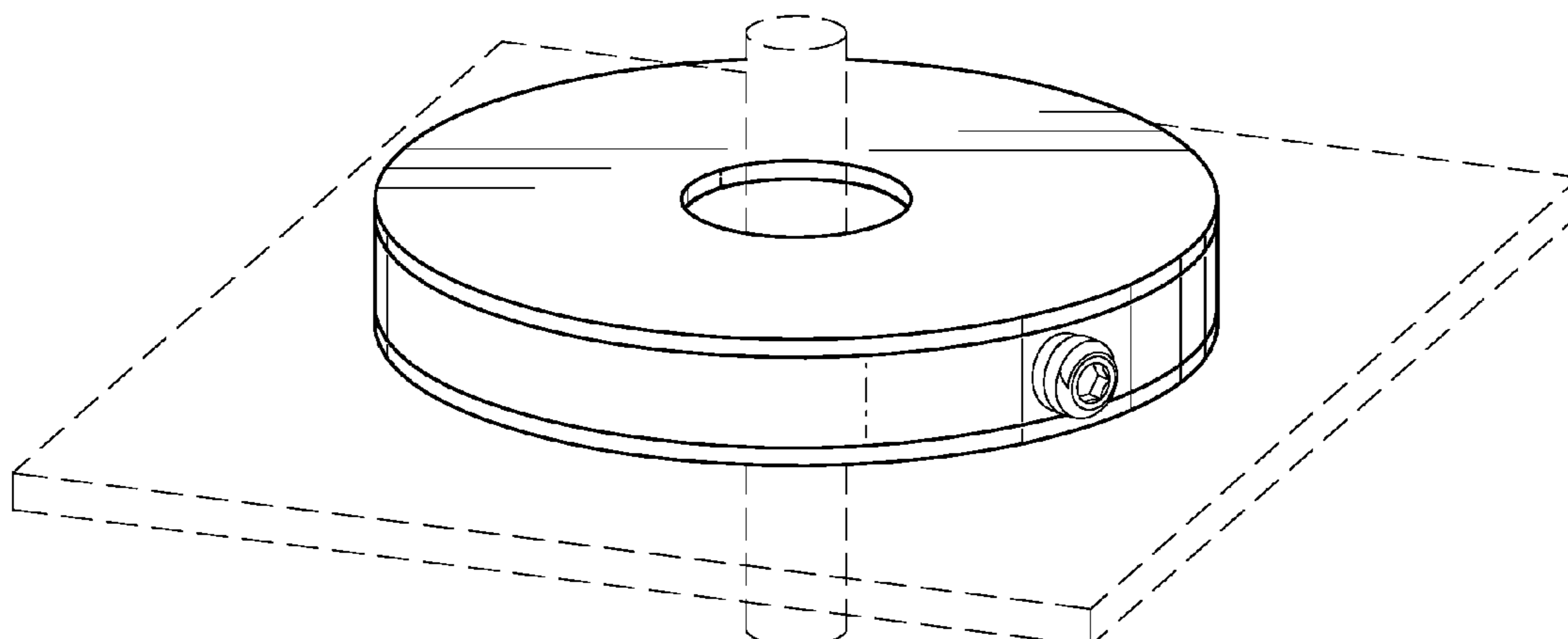
FIG. 9 is a rear view of the toroidal shaped particle impact damper;

FIG. 10 is a right side view of the toroidal shaped particle impact damper; and,

FIG. 11 is a left side view of the toroidal shaped particle impact damper.

The broken lines depict features that form no part of the claimed design.

1 Claim, 11 Drawing Sheets



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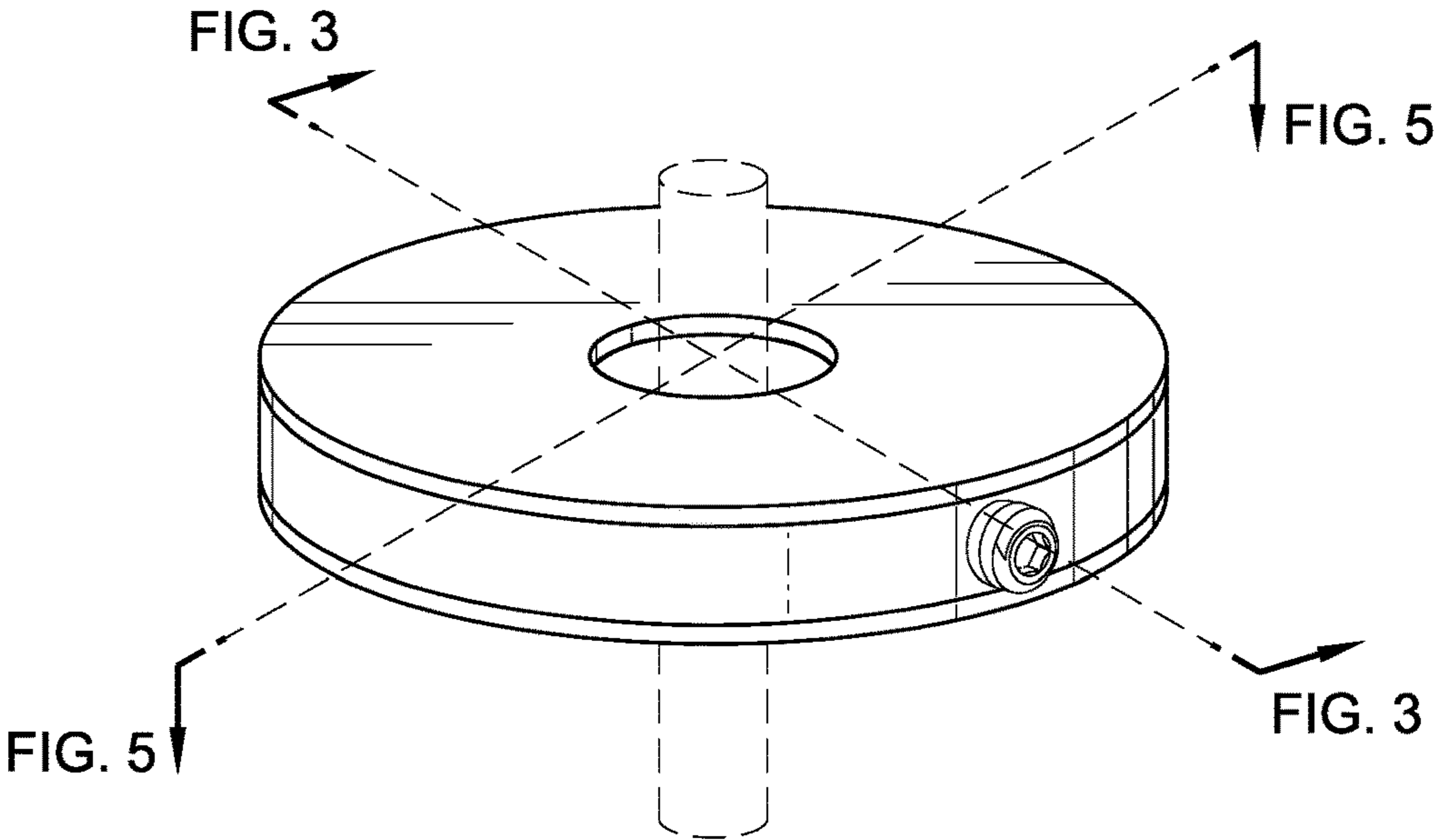


FIG. 1

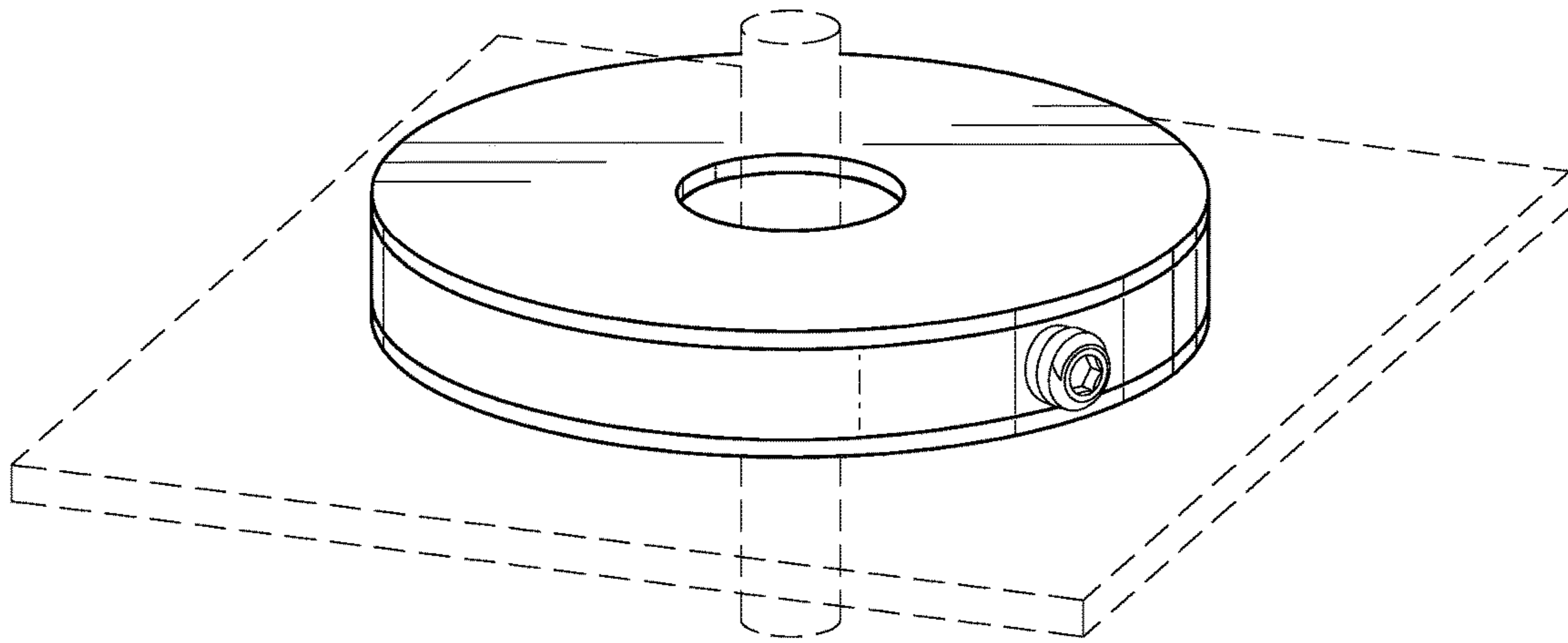


FIG. 2

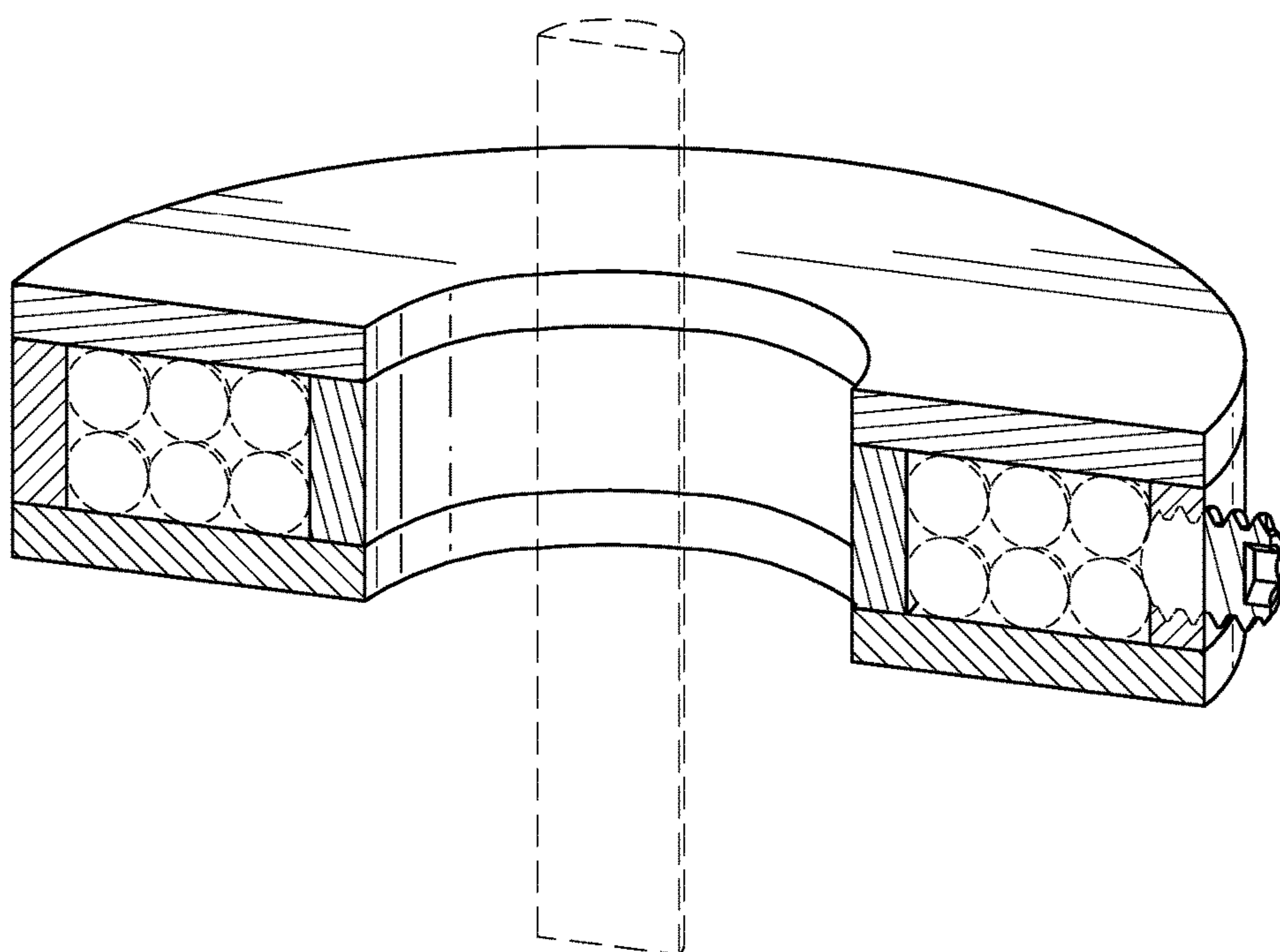


FIG. 3

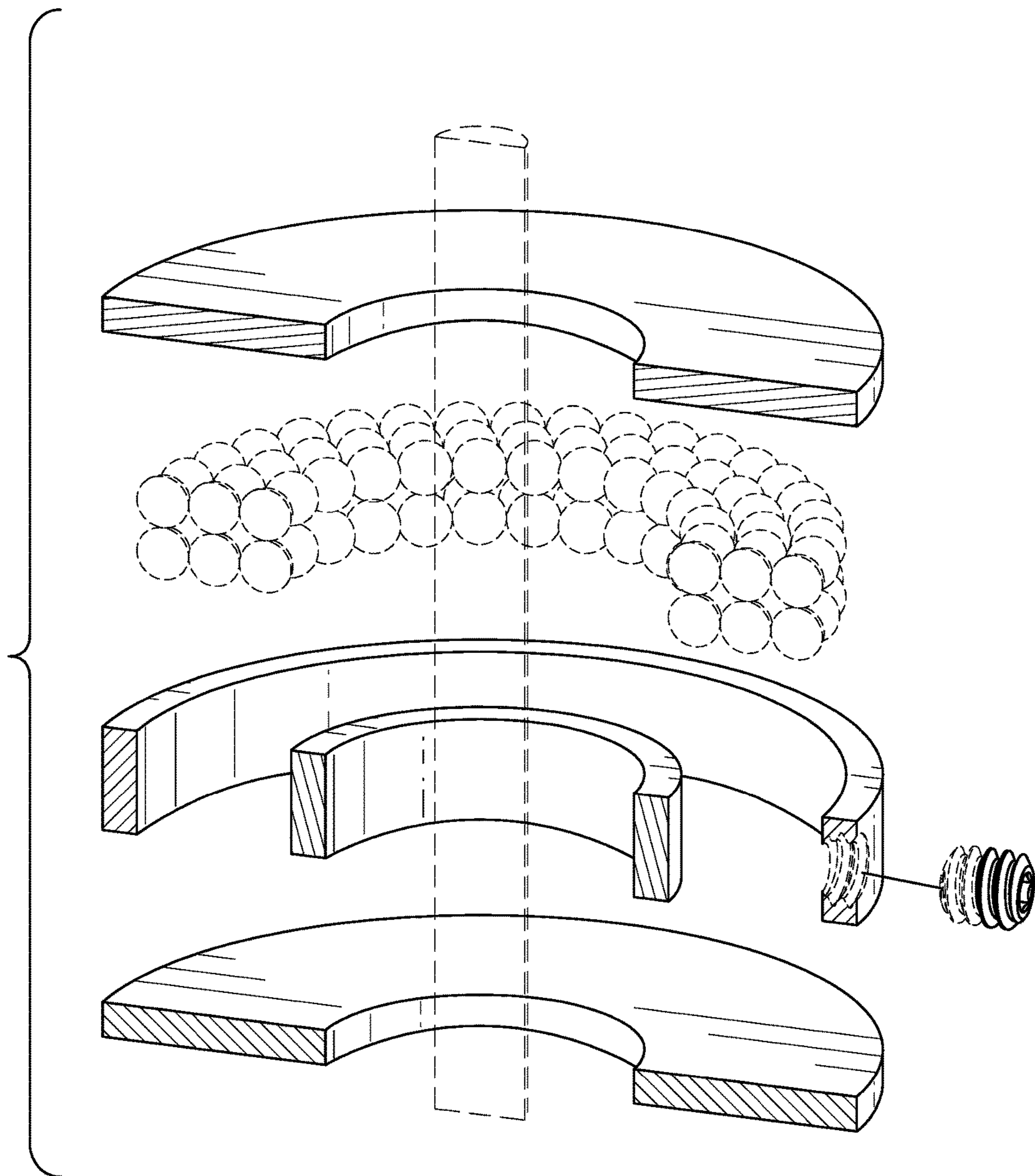


FIG. 4

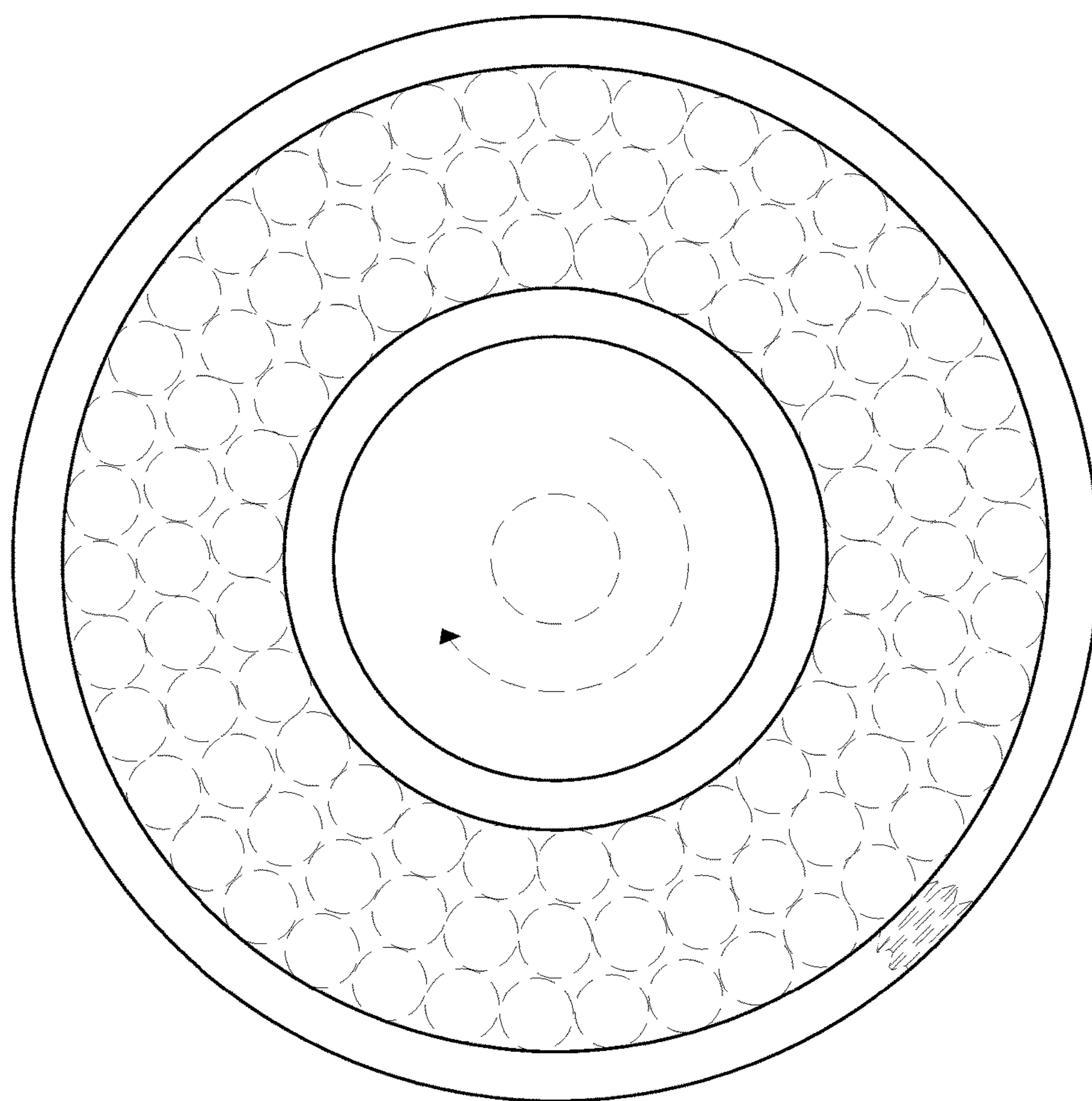


FIG. 5

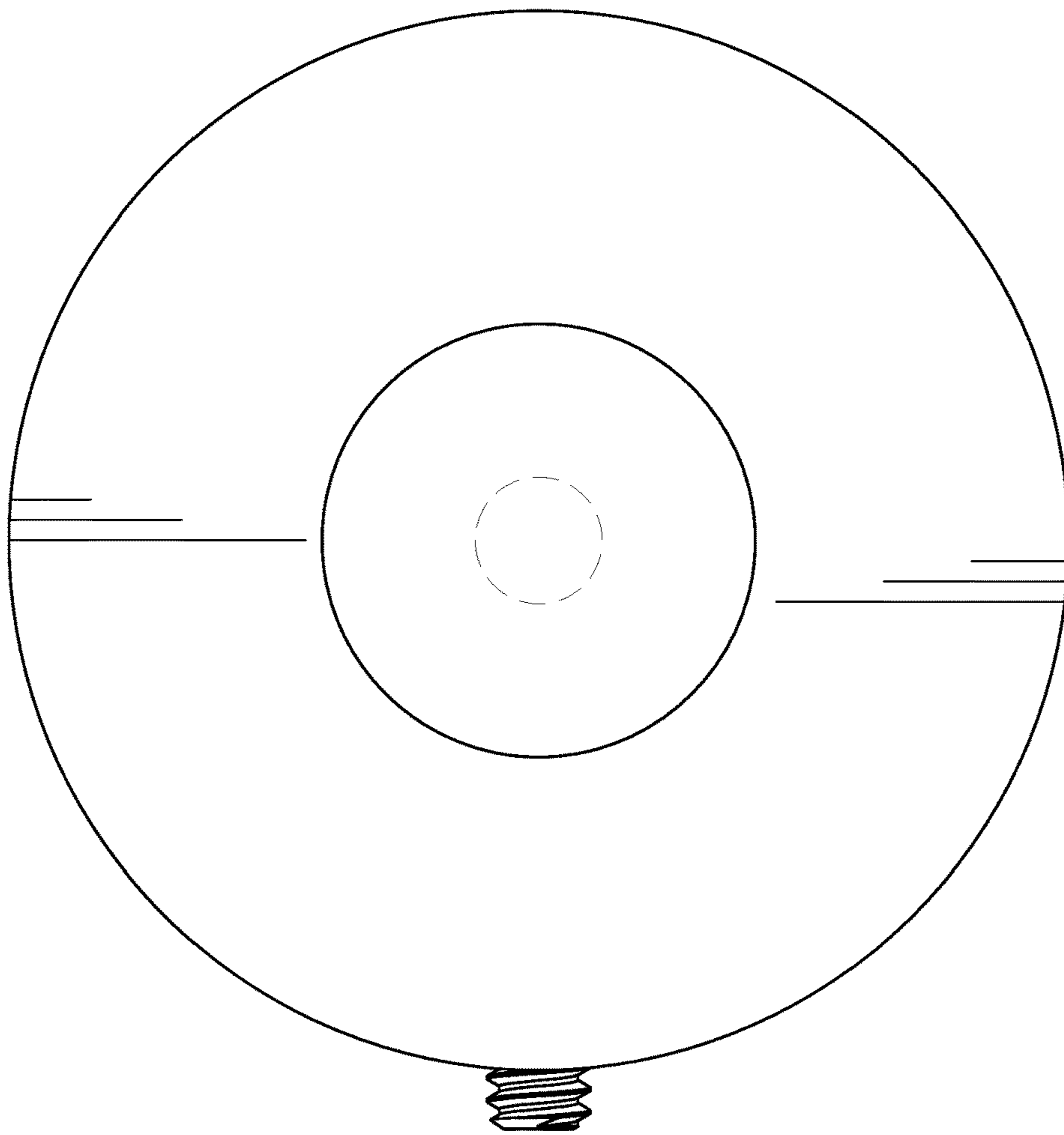


FIG. 6

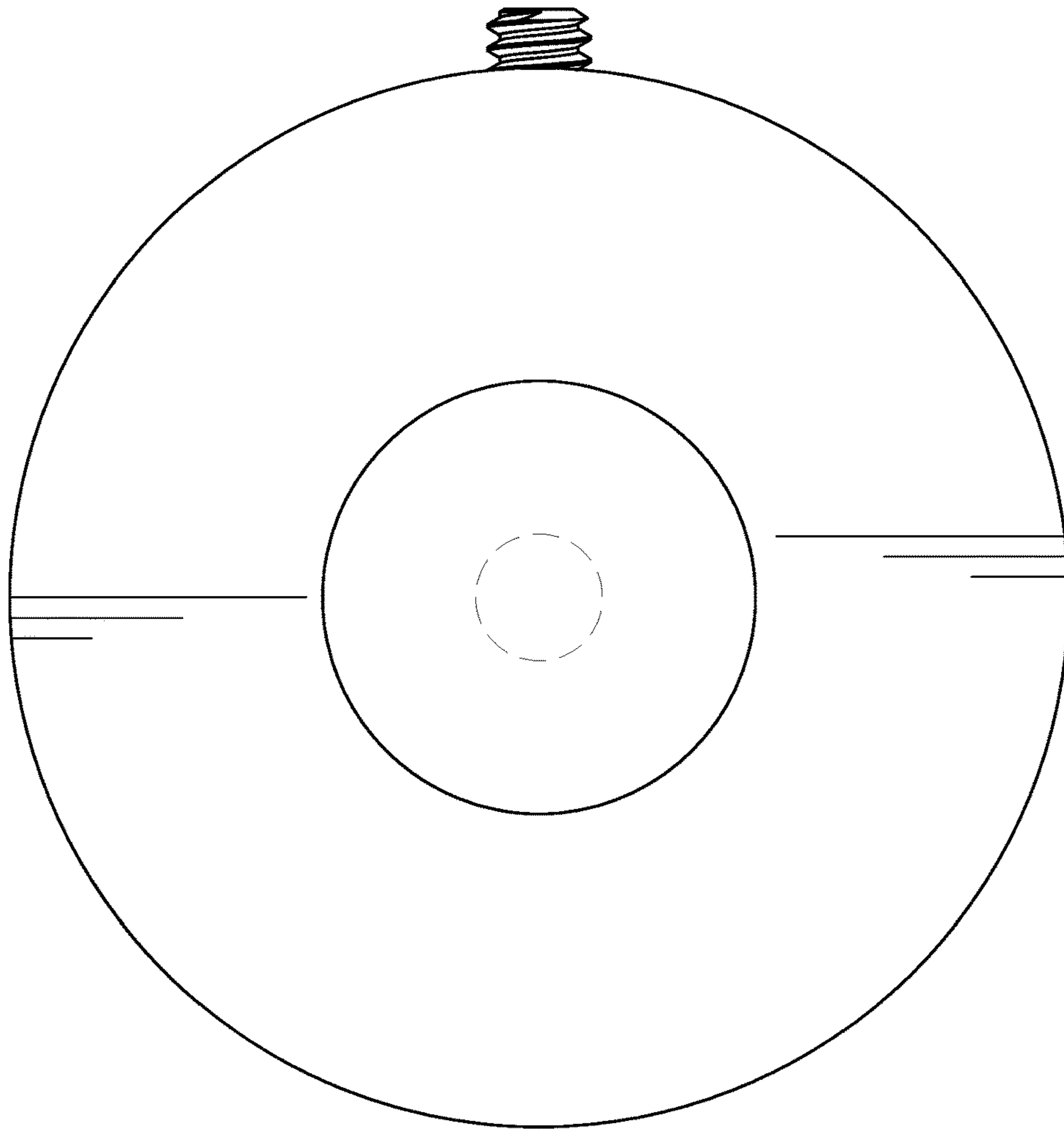


FIG. 7

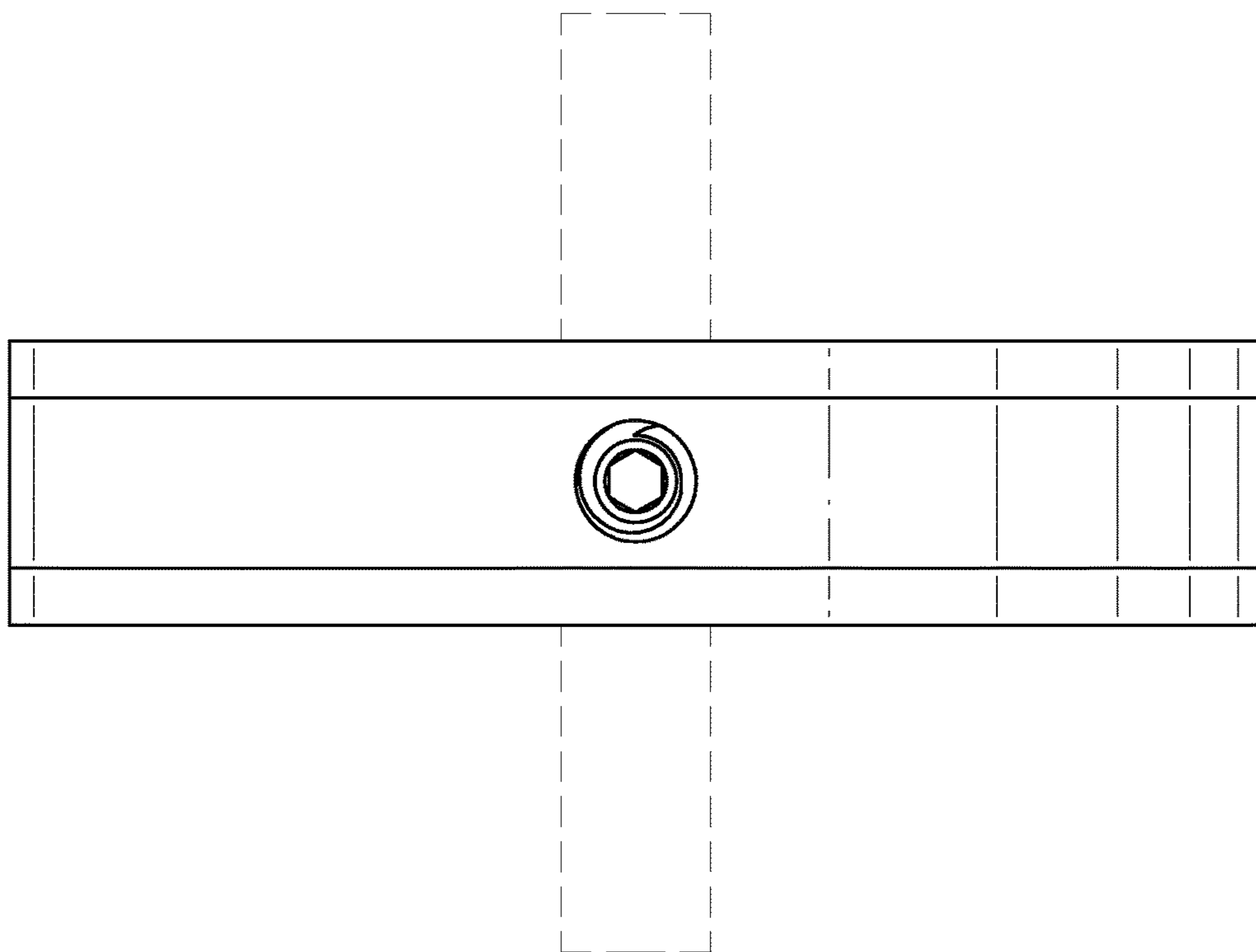


FIG. 8

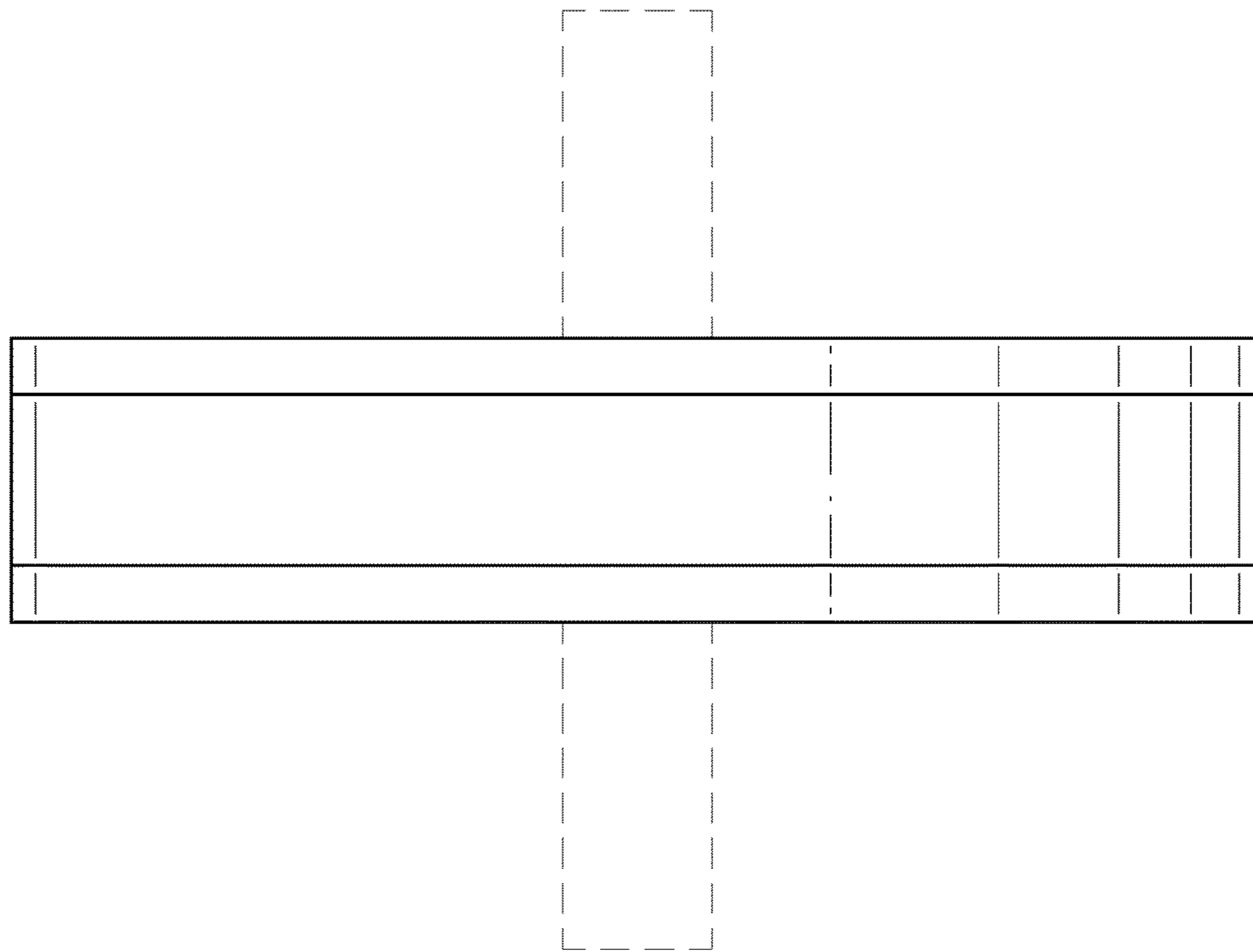


FIG. 9

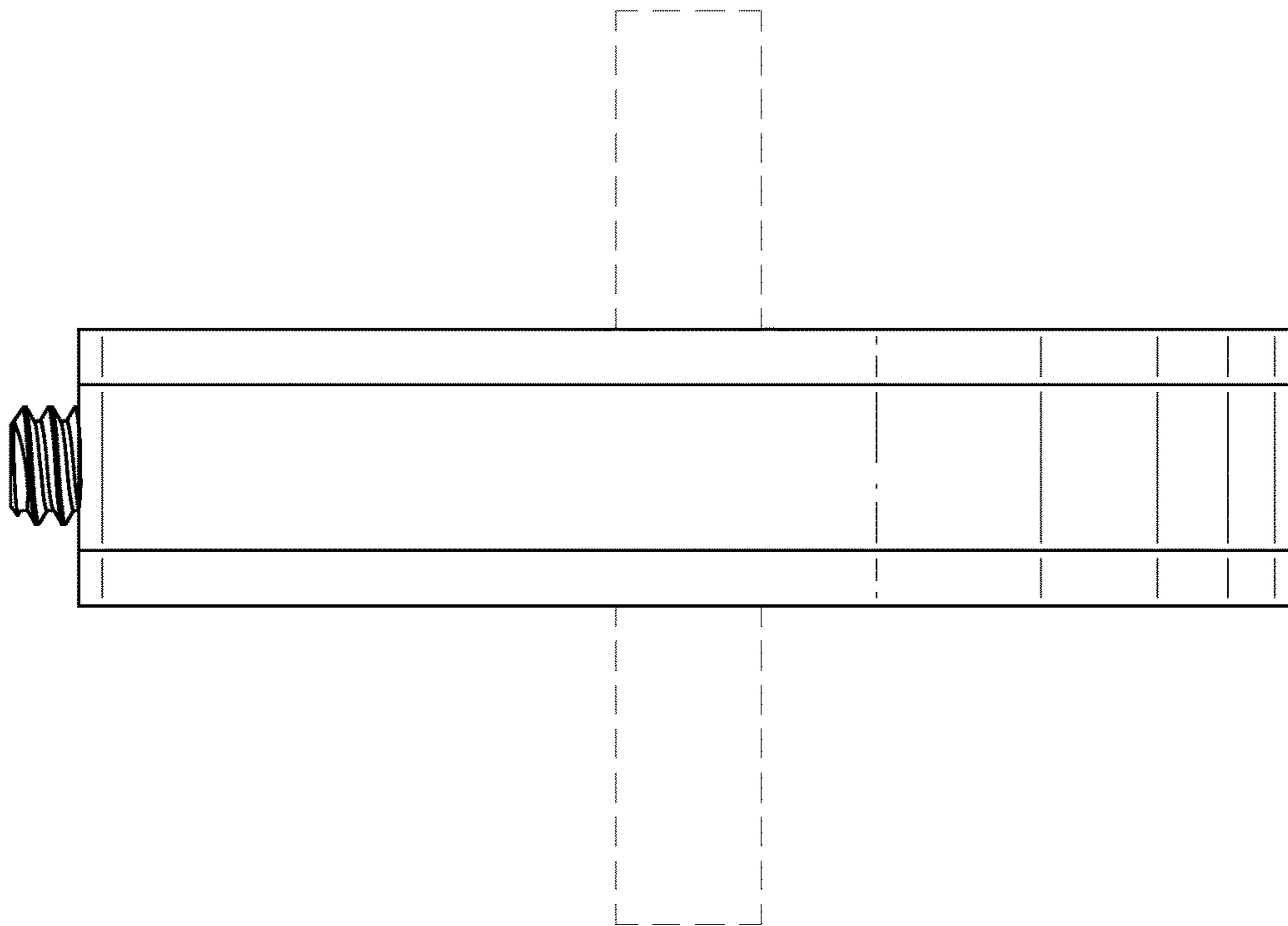


FIG. 10

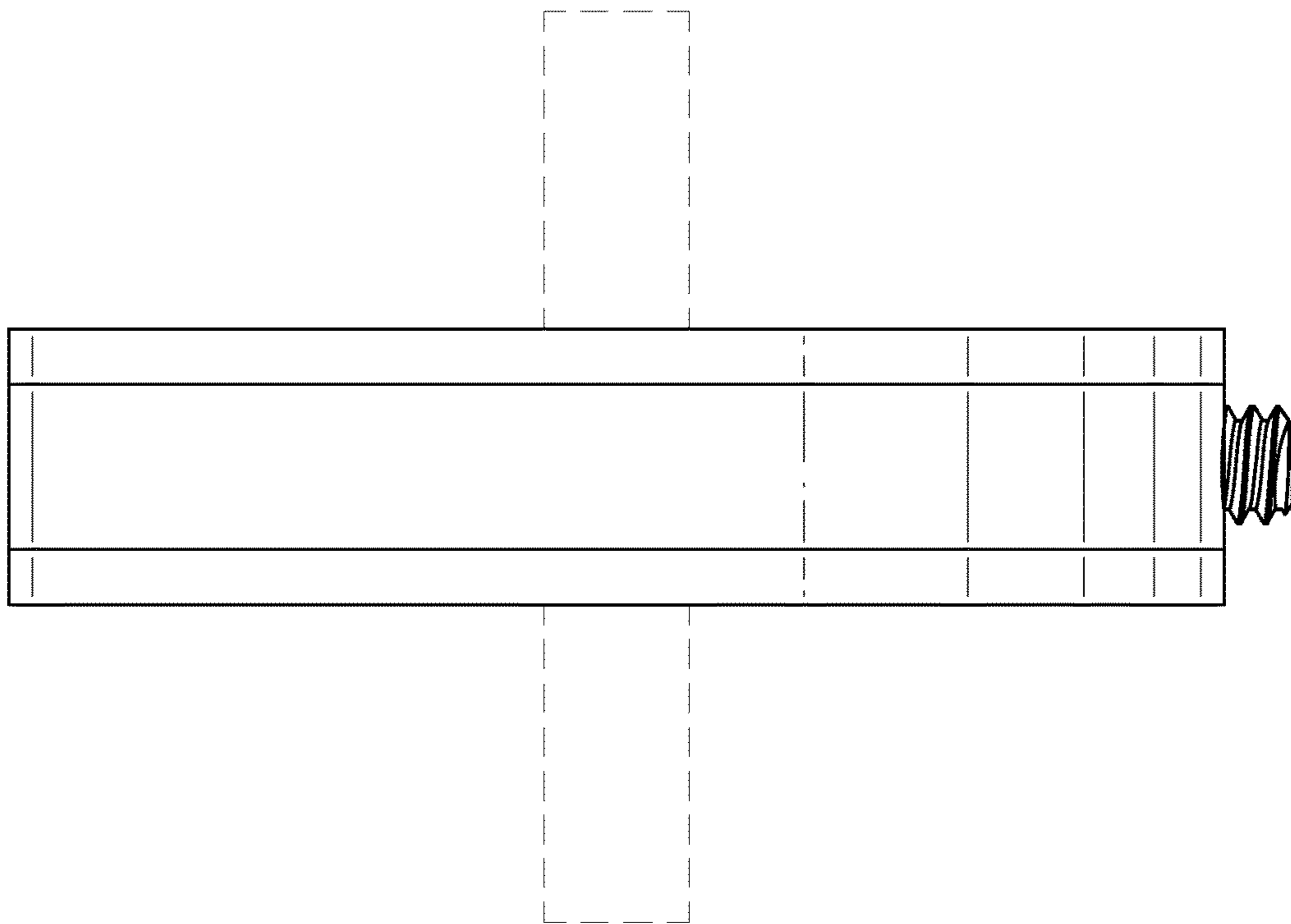


FIG. 11