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(12) **United States Design Patent** (10) **Patent No.:** **US D917,273 S**  
**Ilin** (45) **Date of Patent:** **\*\* Apr. 27, 2021**

(54) **WEAR PLATE FIXING DEVICE  
COMPRISING A CAPPING NUT, A  
THREADED SHAFT AND A CAM NUT**

**DESCRIPTION**

(71) Applicant: **Alloy Steel Australia (INT) Pty Ltd,**  
Swan (AU)

(72) Inventor: **Dmitrii Ilin,** Swan (AU)

(73) Assignee: **ALLOY STEEL AUSTRALIA (INT  
PTY LTD,** Swan (AU)

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

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(30) **Foreign Application Priority Data**

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(51) **LOC (13) Cl.** ..... **08-08**

(52) **U.S. Cl.**  
USPC ..... **D8/397**

(58) **Field of Classification Search**  
USPC ..... D8/397, 394, 382, 349, 399; 411/376.2,  
411/84

(Continued)

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*Primary Examiner* — Cynthia R Underwood

(74) *Attorney, Agent, or Firm* — Sand, Sebolt & Wernow  
Co., LPA

(57) **CLAIM**

The ornamental design for a wear plate fixing device comprising a capping nut, a threaded shaft and a cam nut, as shown and described.

FIG. 1 is a perspective view of a wear plate fixing device comprising a capping nut, a threaded shaft and a cam nut according to my design;

FIG. 2 is a perspective view of the wear plate fixing device comprising a capping nut, a threaded shaft and a cam nut of FIG. 1 engaging an insert attached to a wear plate, which abuts a rear support;

FIG. 3 is a front elevation view of the capping nut shown separated from the wear plate fixing device comprising a capping nut, a threaded shaft and a cam nut of FIG. 1;

FIG. 4 is a side elevation view of the capping nut shown separated from the wear plate fixing device comprising a capping nut, a threaded shaft and a cam nut of FIG. 1;

FIG. 5 is a rear elevation view of the capping nut shown separated from the wear plate fixing device comprising a capping nut, a threaded shaft and a cam nut of FIG. 1;

FIG. 6 is a top plan view of the threaded shaft shown separated from the wear plate fixing device comprising a capping nut, a threaded shaft and a cam nut of FIG. 1;

FIG. 7 is a side elevation view of the threaded shaft shown separated from the wear plate fixing device comprising a capping nut, a threaded shaft and a cam nut of FIG. 1;

FIG. 8 is a front elevation view of the threaded shaft shown separated from the wear plate fixing device comprising a capping nut, a threaded shaft and a cam nut of FIG. 1;

FIG. 9 is a rear elevation view of the threaded shaft shown separated from the wear plate fixing device comprising a capping nut, a threaded shaft and a cam nut of FIG. 1;

FIG. 10 is a front elevation view of the cam nut shown separated from the wear plate fixing device comprising a capping nut, a threaded shaft and a cam nut of FIG. 1;

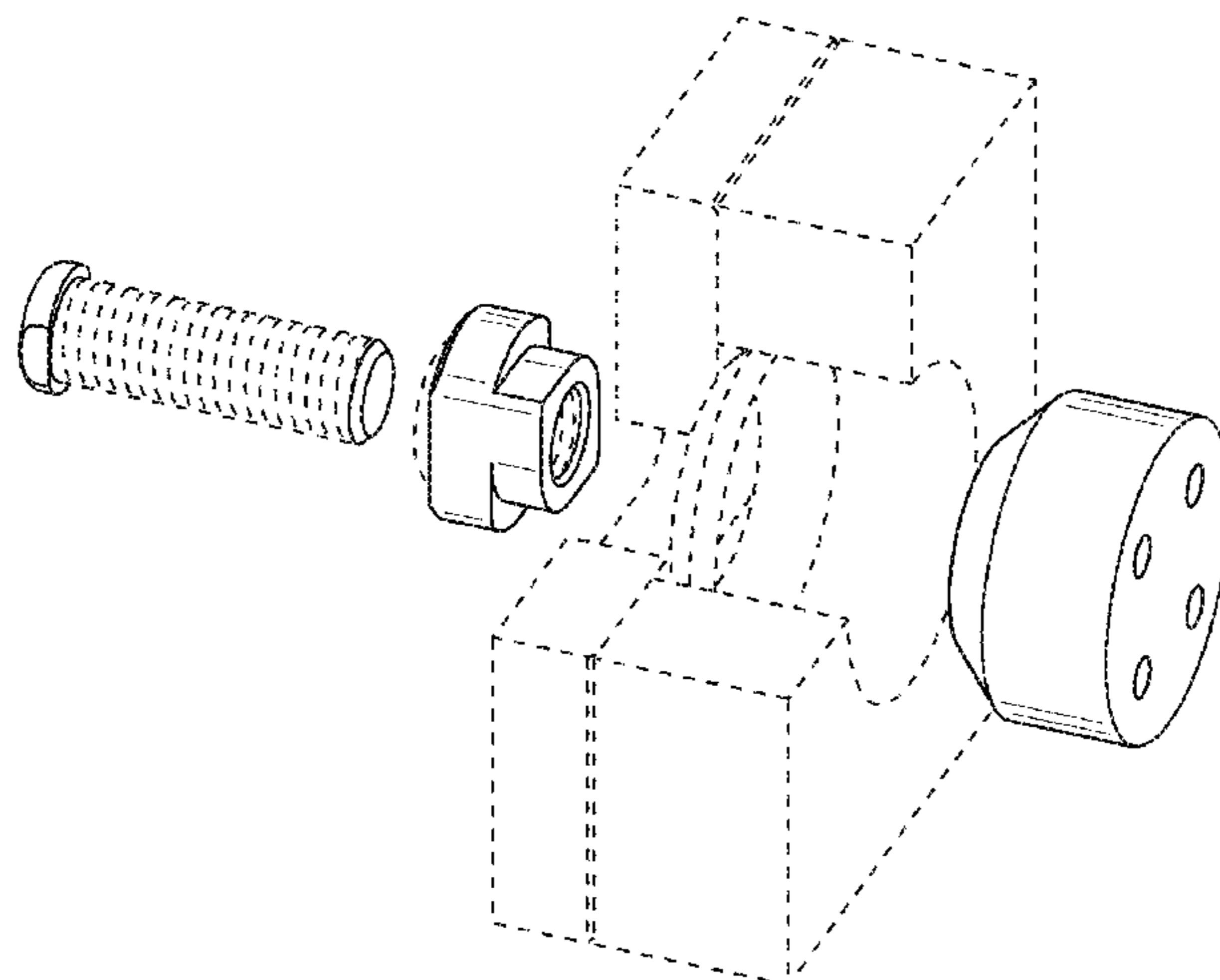
FIG. 11 is a rear elevation view of the cam nut shown separated from the wear plate fixing device comprising a capping nut, a threaded shaft and a cam nut of FIG. 1;

FIG. 12 is a top plan view of the cam nut shown separated from the wear plate fixing device comprising a capping nut, a threaded shaft and a cam nut of FIG. 1;

FIG. 13 is a side elevation view of the cam nut shown separated from the wear plate fixing device comprising a capping nut, a threaded shaft and a cam nut of FIG. 1;

FIG. 14 is a side elevation view of the assembled wear plate fixing device comprising a capping nut, a threaded shaft and

(Continued)



a cam nut of FIG. 1, showing the threaded shaft in a first position and the cam nut in a first position;  
 FIG. 15 is a side elevation view of the assembled wear plate fixing device comprising a capping nut, a threaded shaft and a cam nut of FIG. 1, showing the threaded shaft in a second position and the cam nut in a second position; and,  
 FIG. 16 is a rear perspective view of the assembled wear plate fixing device comprising a capping nut, a threaded shaft and a cam nut.

The broken lines illustrate portions of the environment or of the wear plate fixing device comprising a capping nut, a threaded shaft and a cam nut which form no part of the claimed design.

**1 Claim, 5 Drawing Sheets**

(58) **Field of Classification Search**

CPC ..... F16B 37/068; F16B 33/002; F01N 13/009  
 See application file for complete search history.

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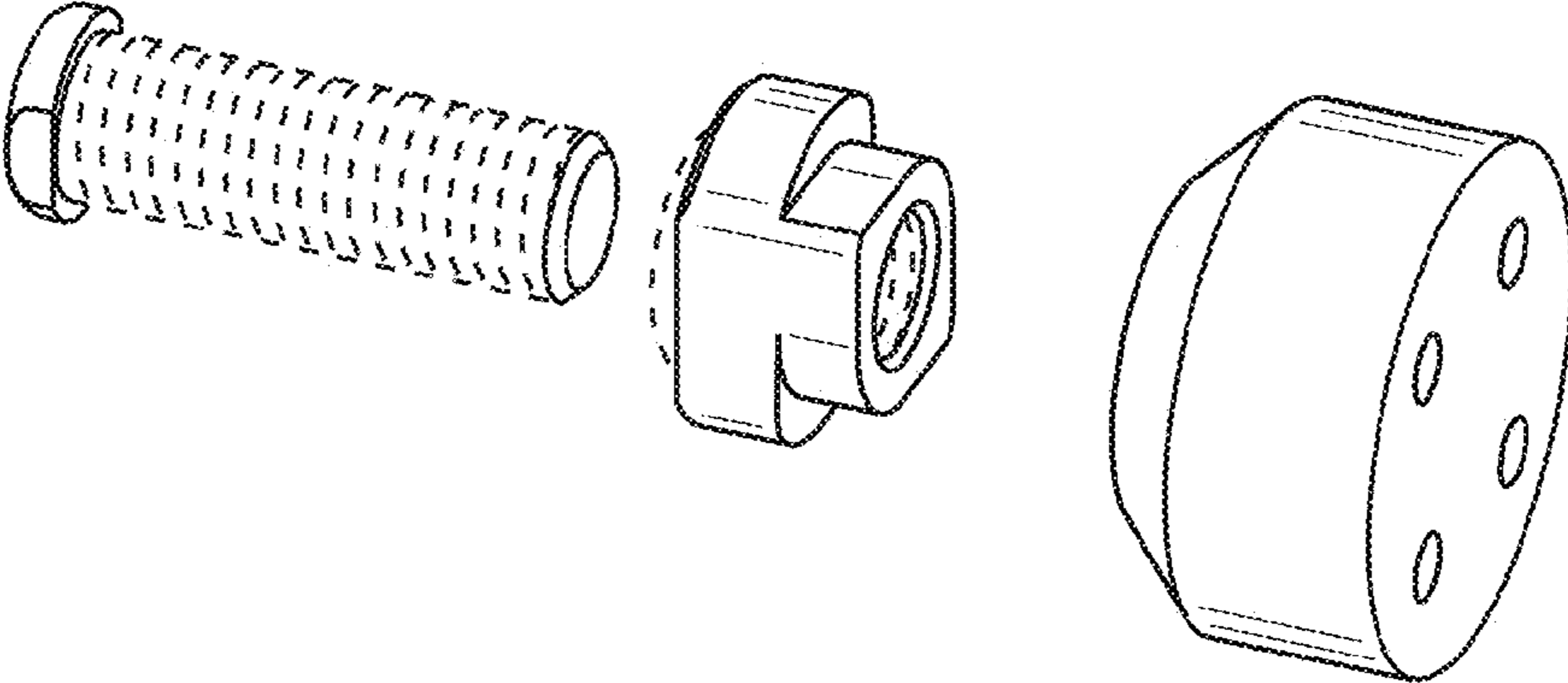


Figure 1

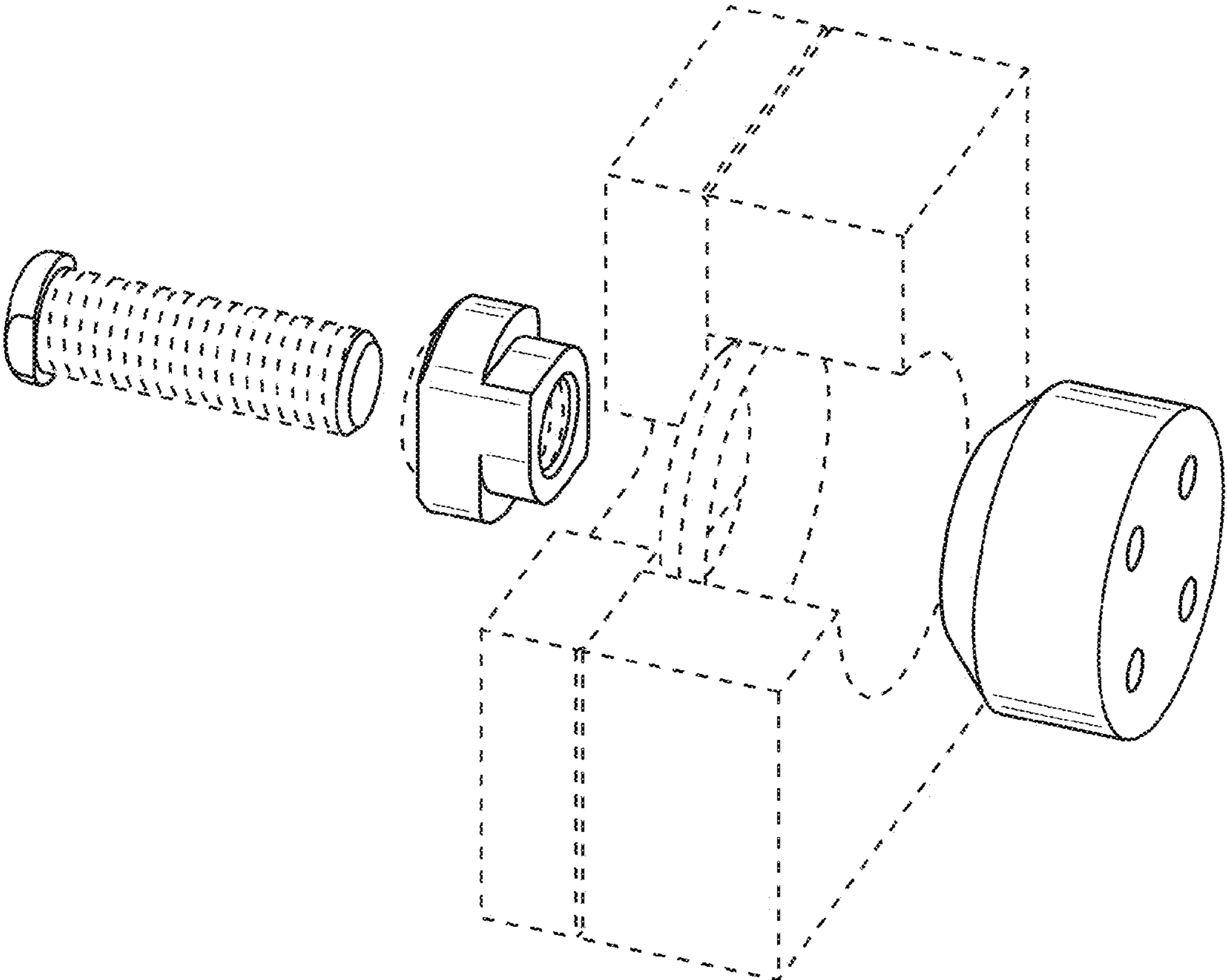
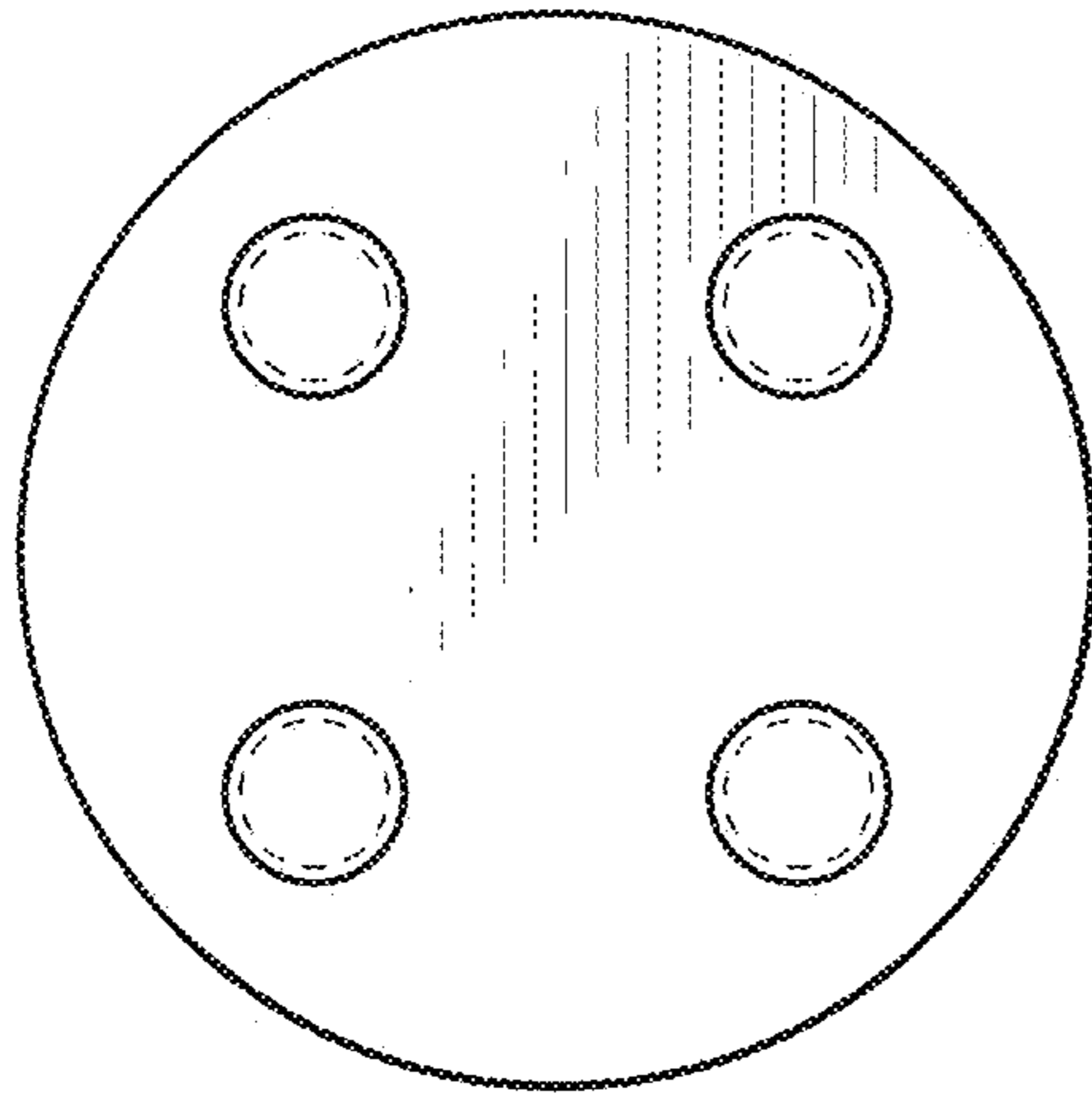
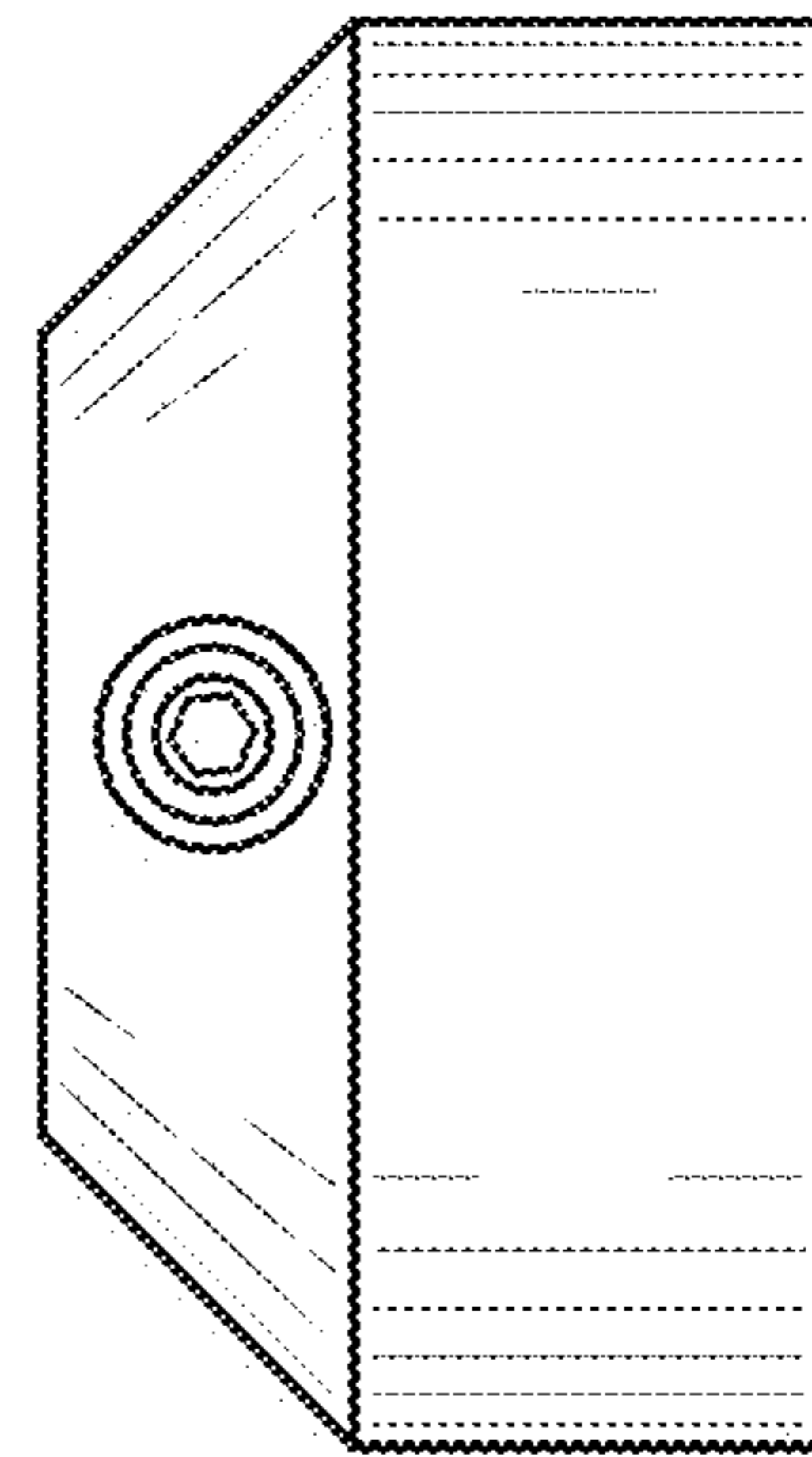


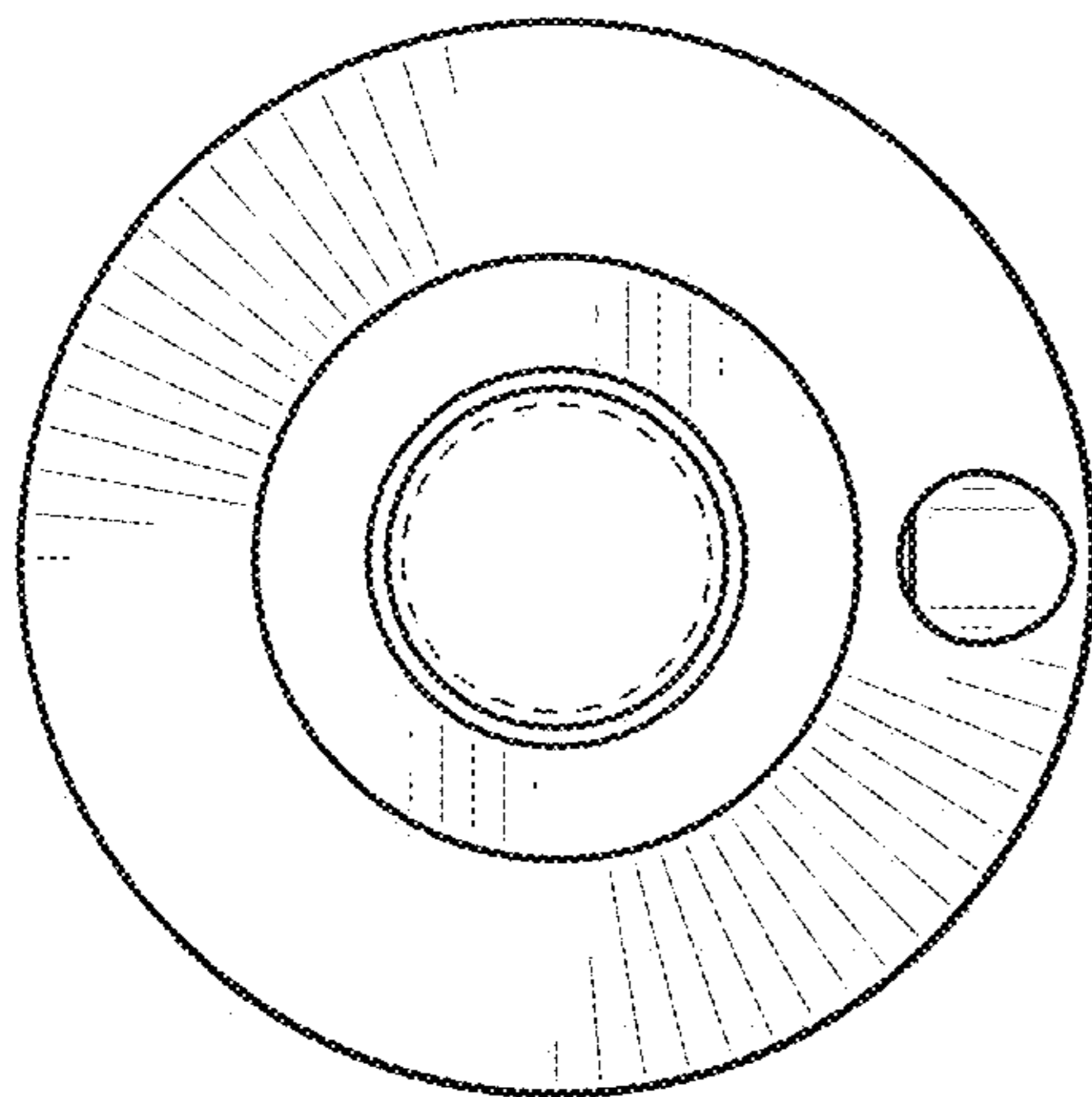
Figure 2



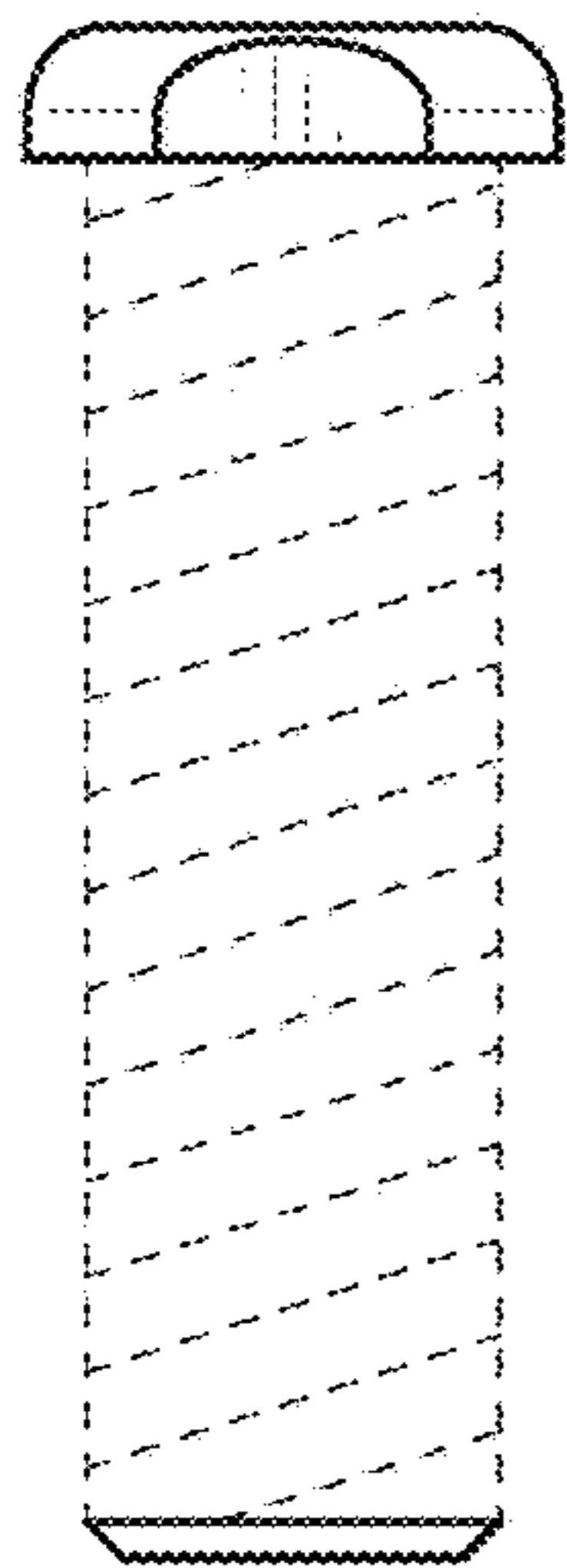
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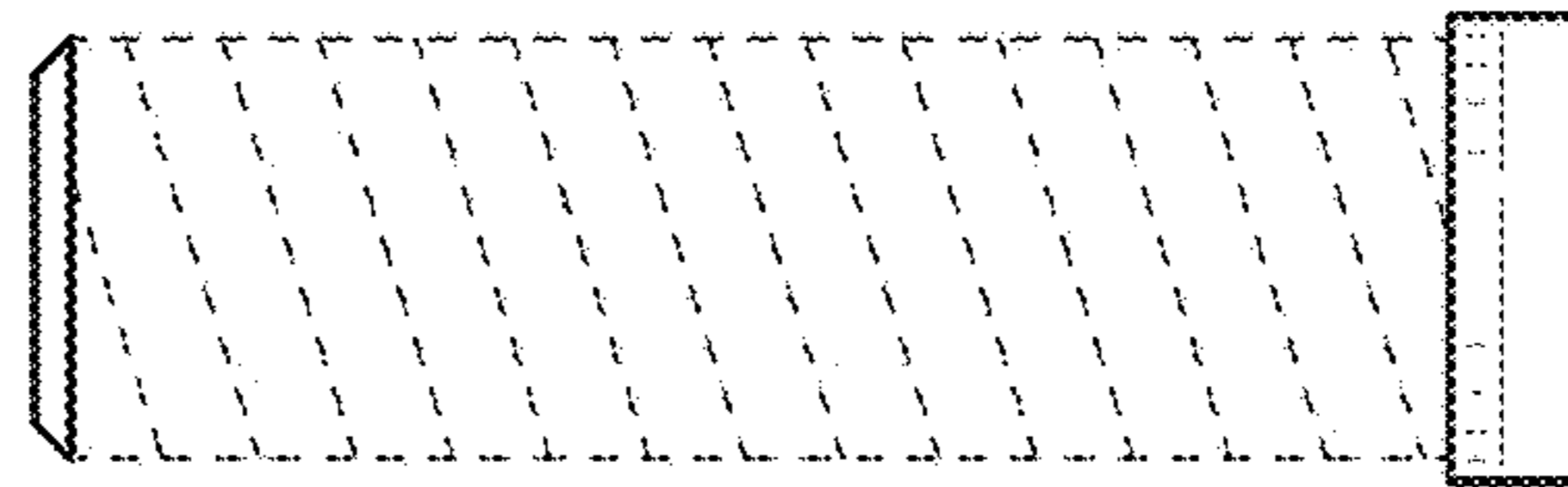
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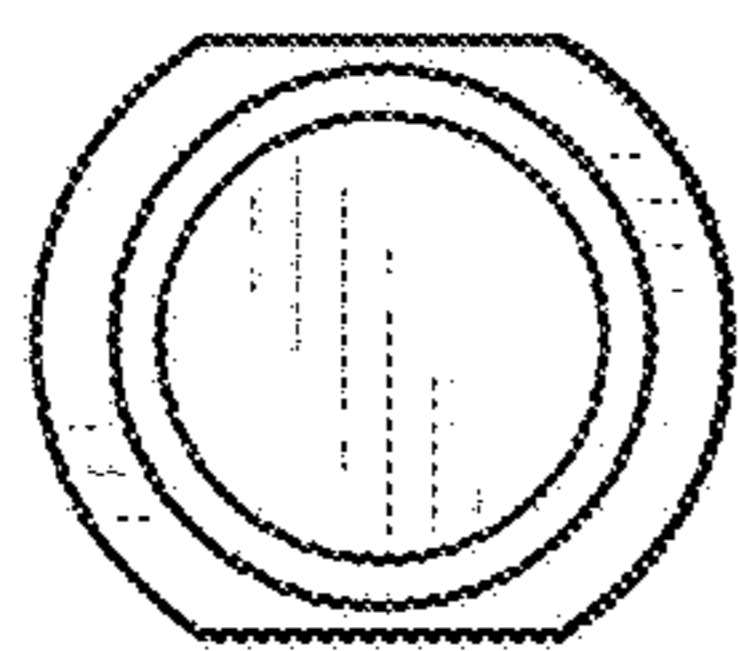
**Figure 5**



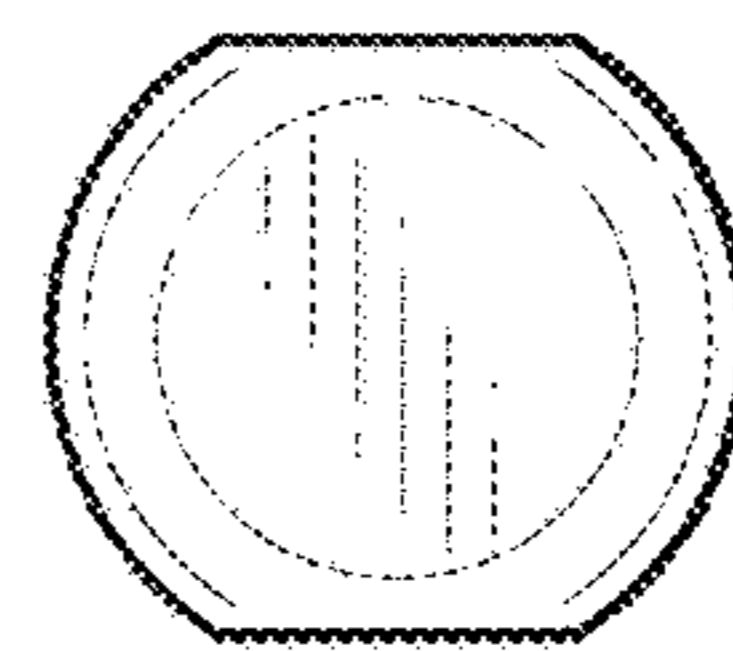
**Figure 6**



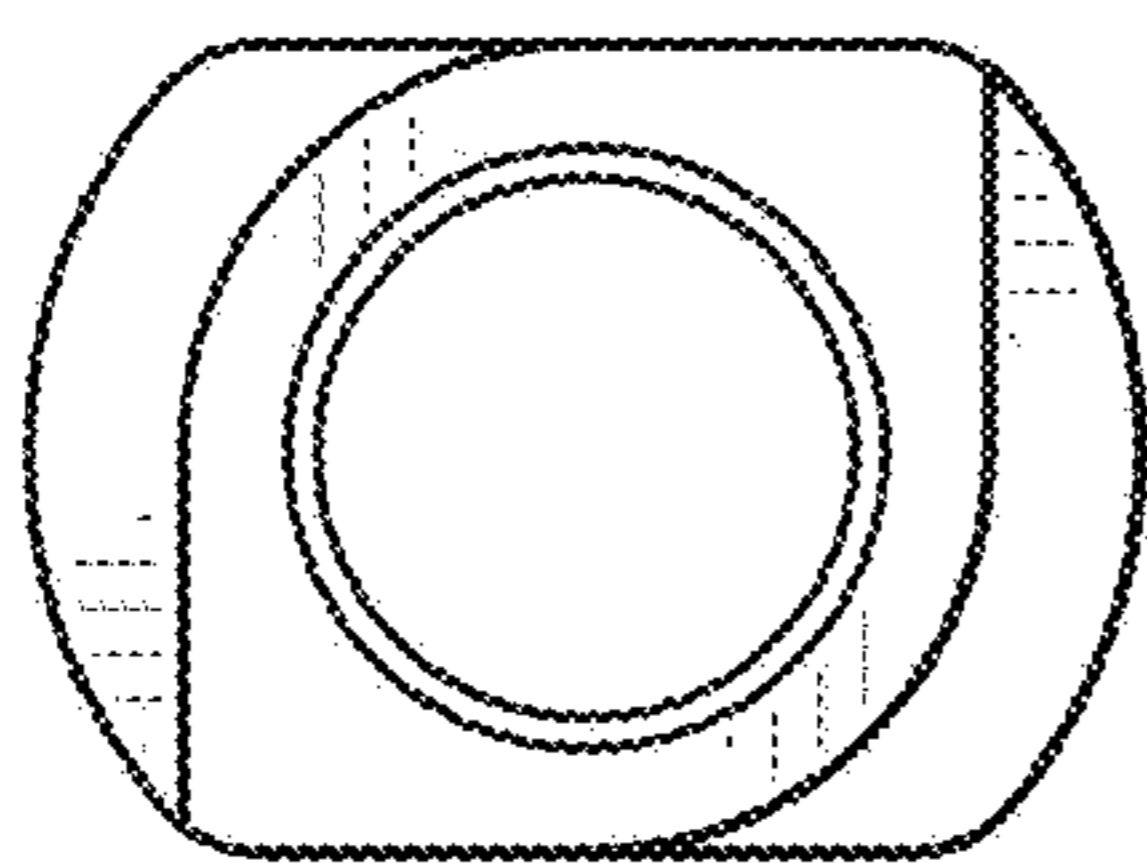
**Figure 7**



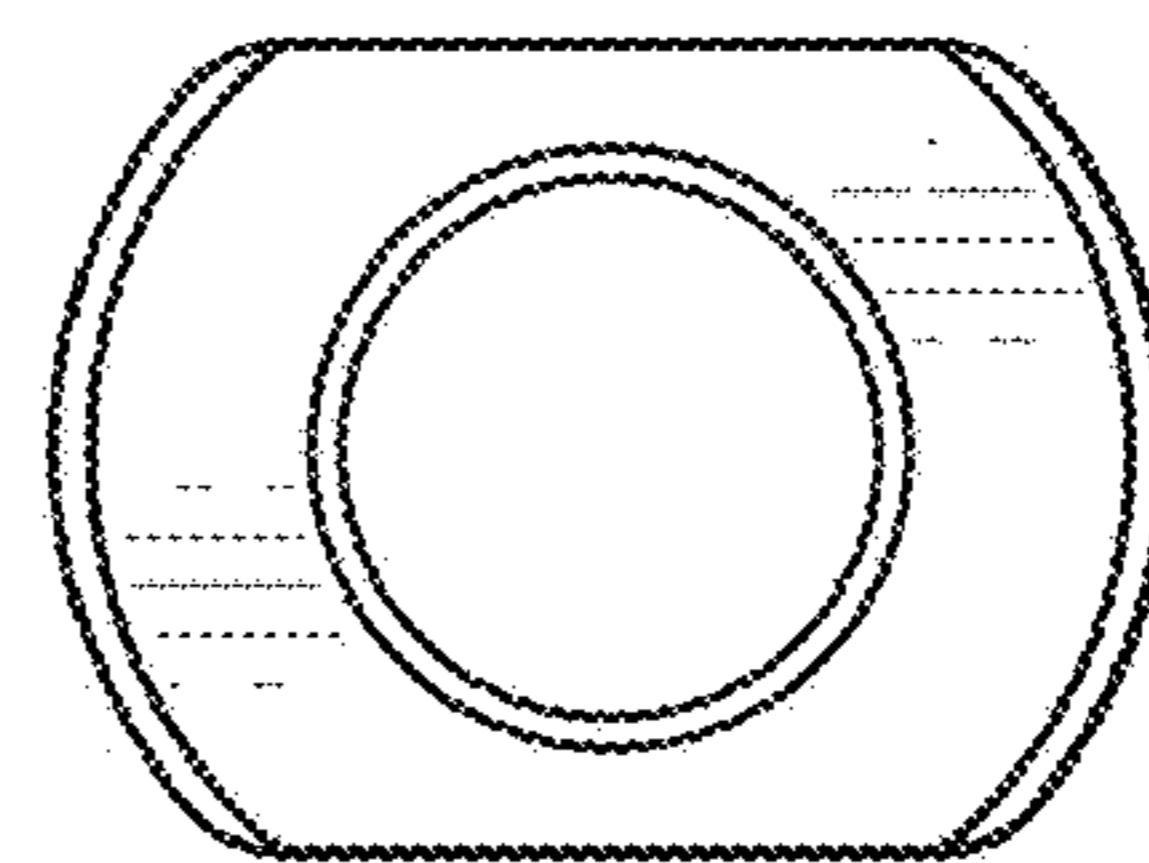
**Figure 8**



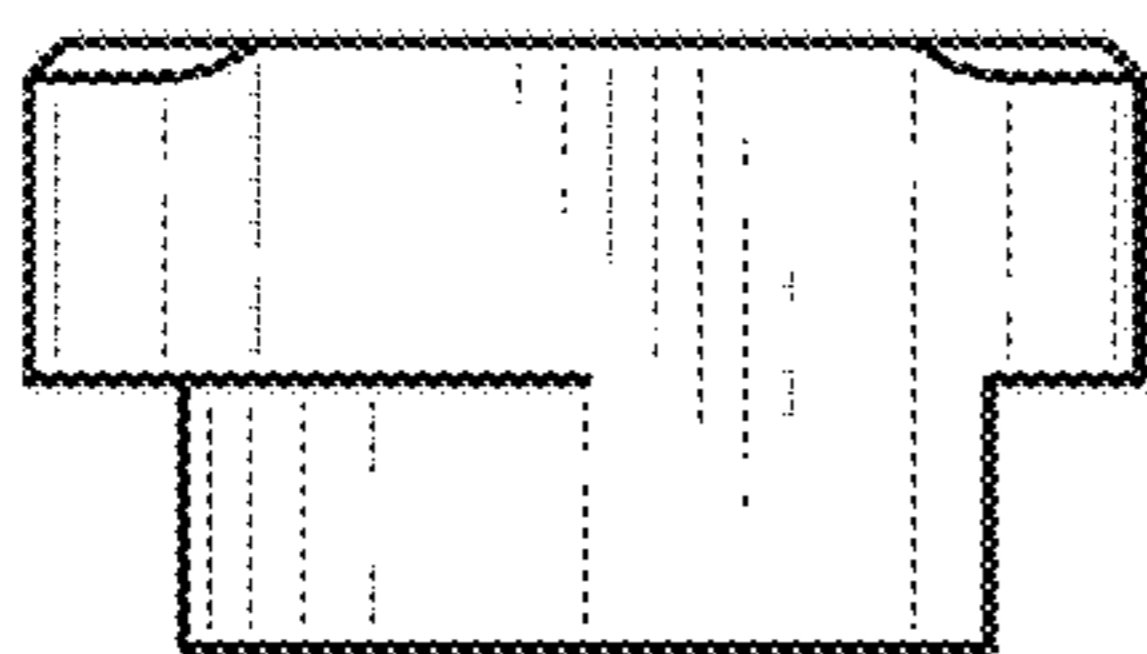
**Figure 9**



**Figure 10**



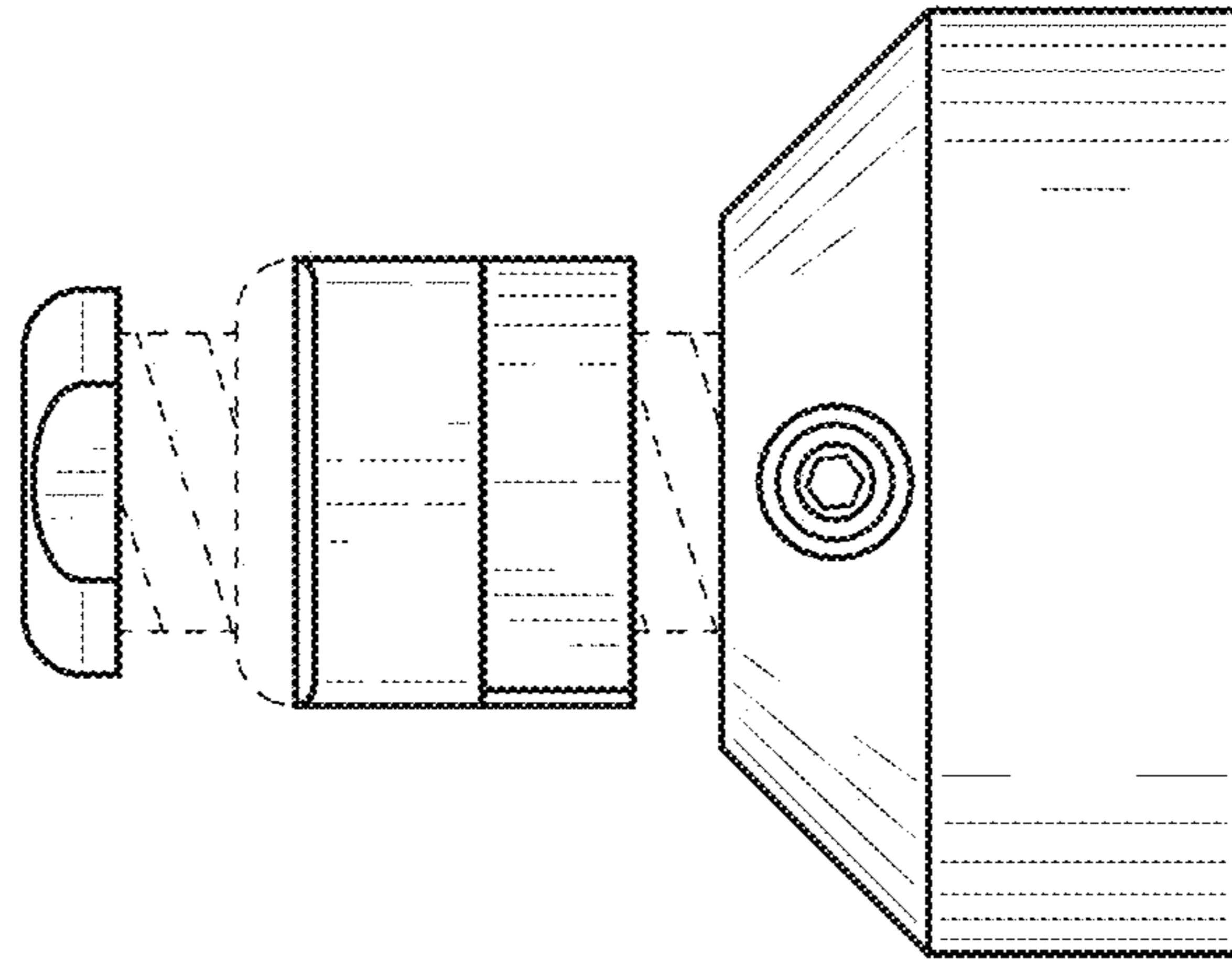
**Figure 11**



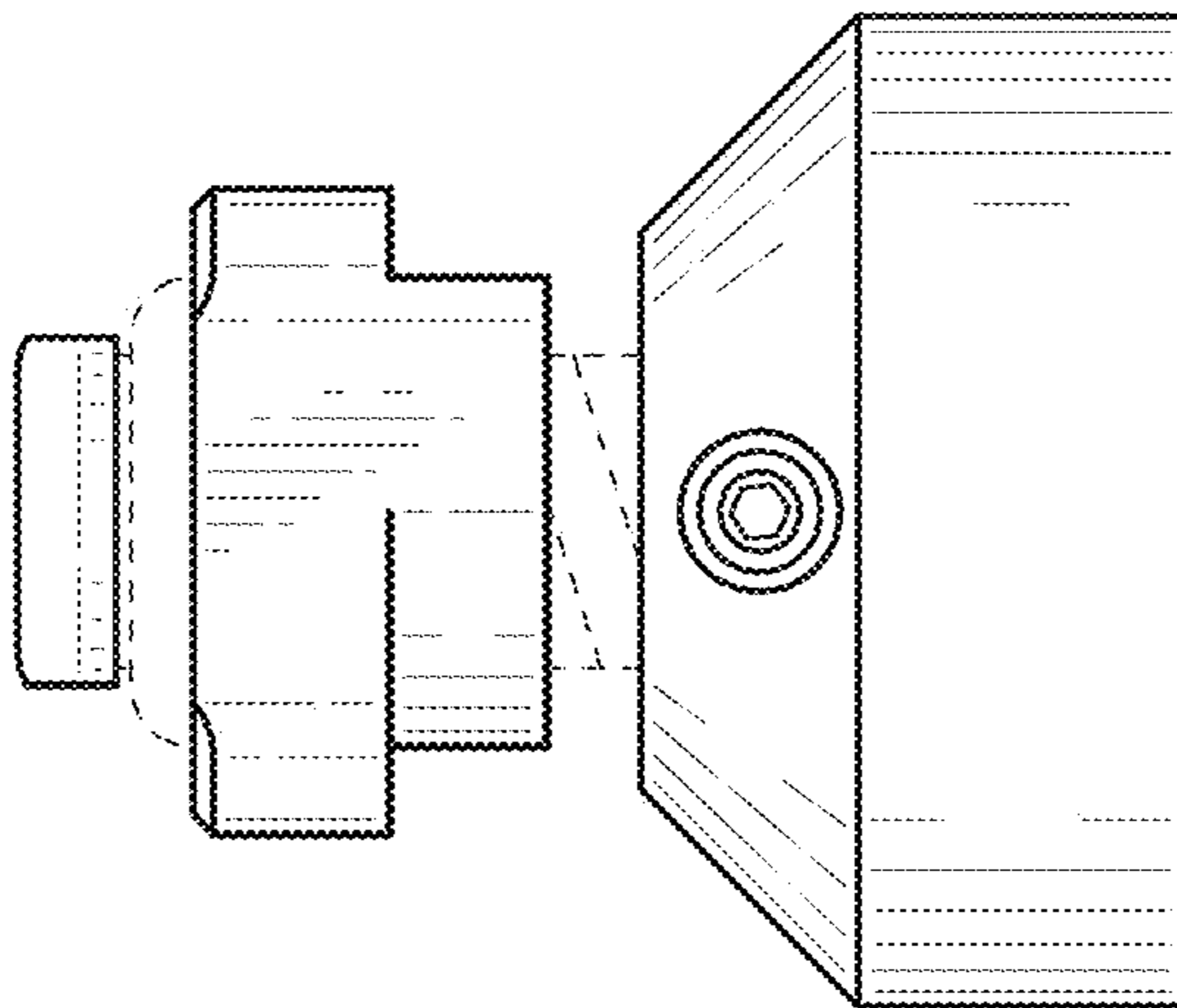
**Figure 12**



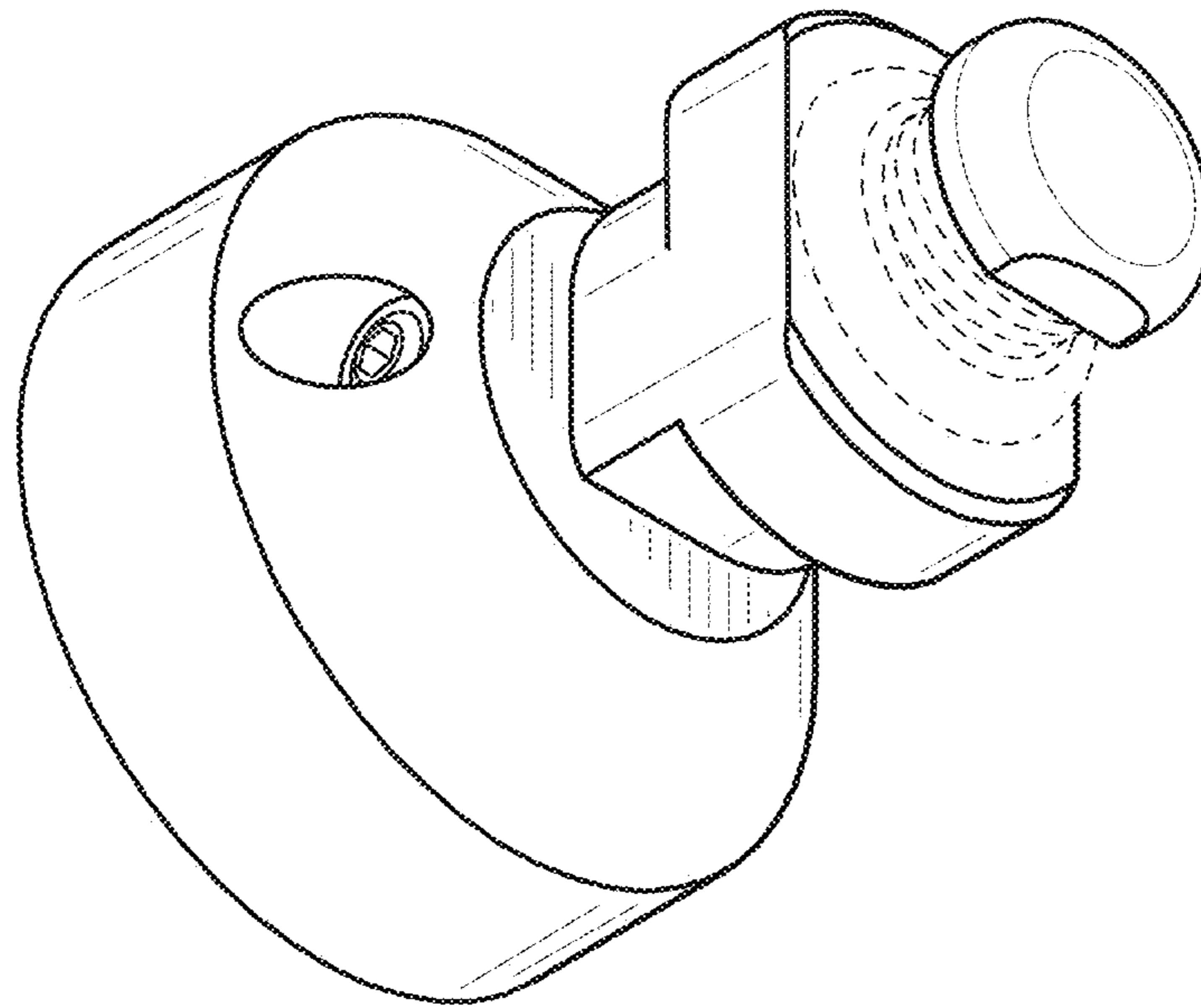
**Figure 13**



**Figure 14**



**Figure 15**



**Figure 16**