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

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(54) **AIR FLAP**

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(72) Inventor: **Wen Chen**, Pompano Beach, FL (US)

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

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(51) **LOC (12) Cl.** ..... **15-01**

(52) **U.S. Cl.**  
USPC ..... **D15/5**

(58) **Field of Classification Search**

USPC ..... D15/1, 3, 5; D12/400, 223; D8/354  
CPC ..... F02M 35/0209; F02M 35/10072; F02M  
35/10078; F02M 35/10085; F02M  
35/10354; F02M 35/104; F02D 9/109;  
F02D 9/10; F02D 9/16; F02D 9/1095;  
F02D 9/1035; F02D 11/106; F02B  
27/0273; F02B 27/0289; F02B 29/0431;  
F02B 27/0284; F02B 31/06

See application file for complete search history.

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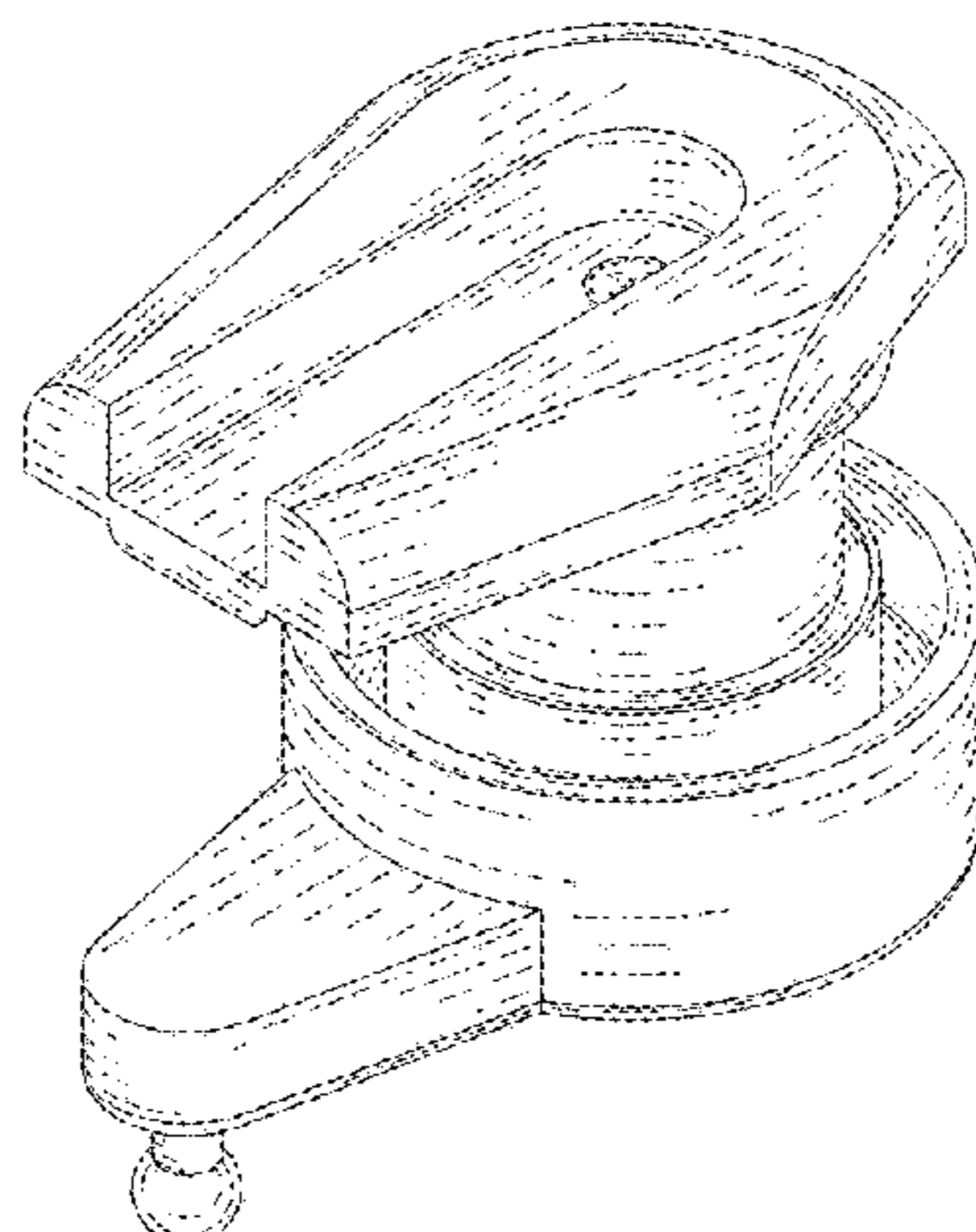
(57) **CLAIM**

The ornamental design for an air flap, as shown and  
described.

**DESCRIPTION**

FIG. 1 is a top right perspective view of an air flap showing  
my new design;  
FIG. 2 is a top left perspective view thereof;  
FIG. 3 is a bottom left perspective view thereof;  
FIG. 4 is a front view thereof;  
FIG. 5 is a back view thereof;  
FIG. 6 is a top view thereof;  
FIG. 7 is a bottom view thereof;  
FIG. 8 is a left view thereof;  
FIG. 9 is a right view thereof;  
FIG. 10 is an exploded top right perspective view thereof;  
FIG. 11 is an exploded bottom left perspective view thereof;  
and,  
FIG. 12 is an exploded front view thereof.  
The broken line showing of the screw in FIGS. 1, 2, 6, 10,  
11, and 12 is included for the purpose of showing environ-  
mental structure and forms no part of the claimed design.

**1 Claim, 12 Drawing Sheets**



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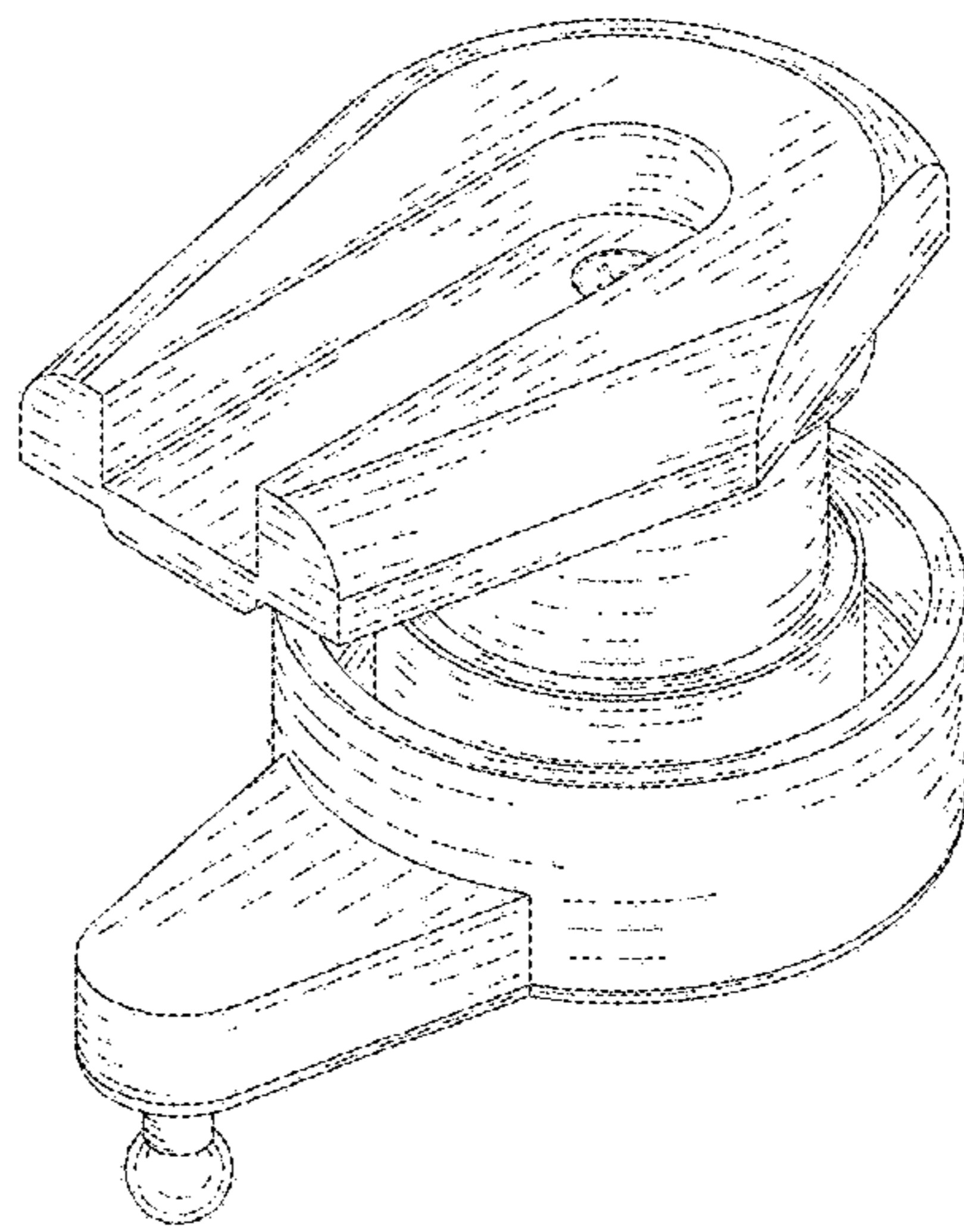


FIG. 1

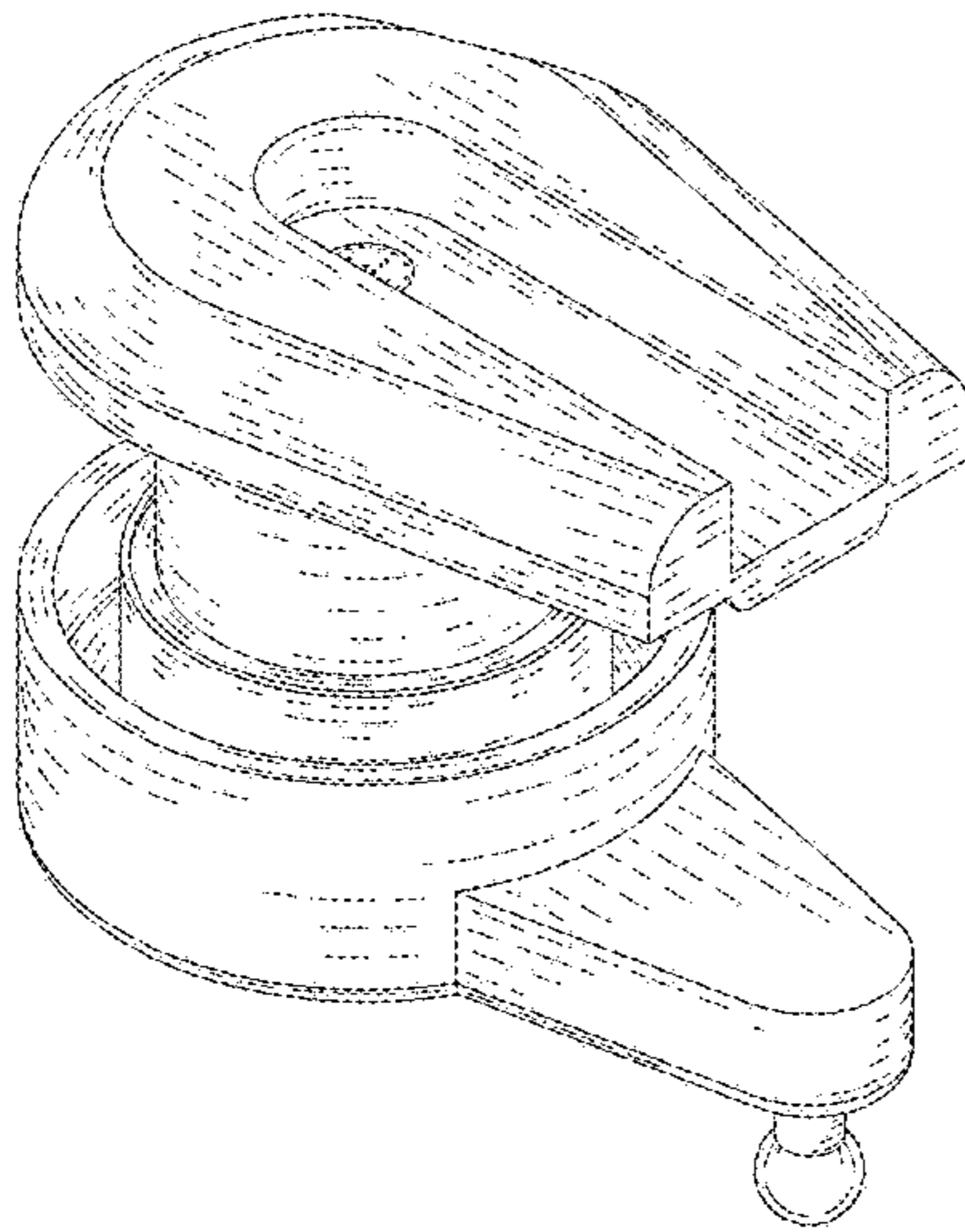


FIG. 2

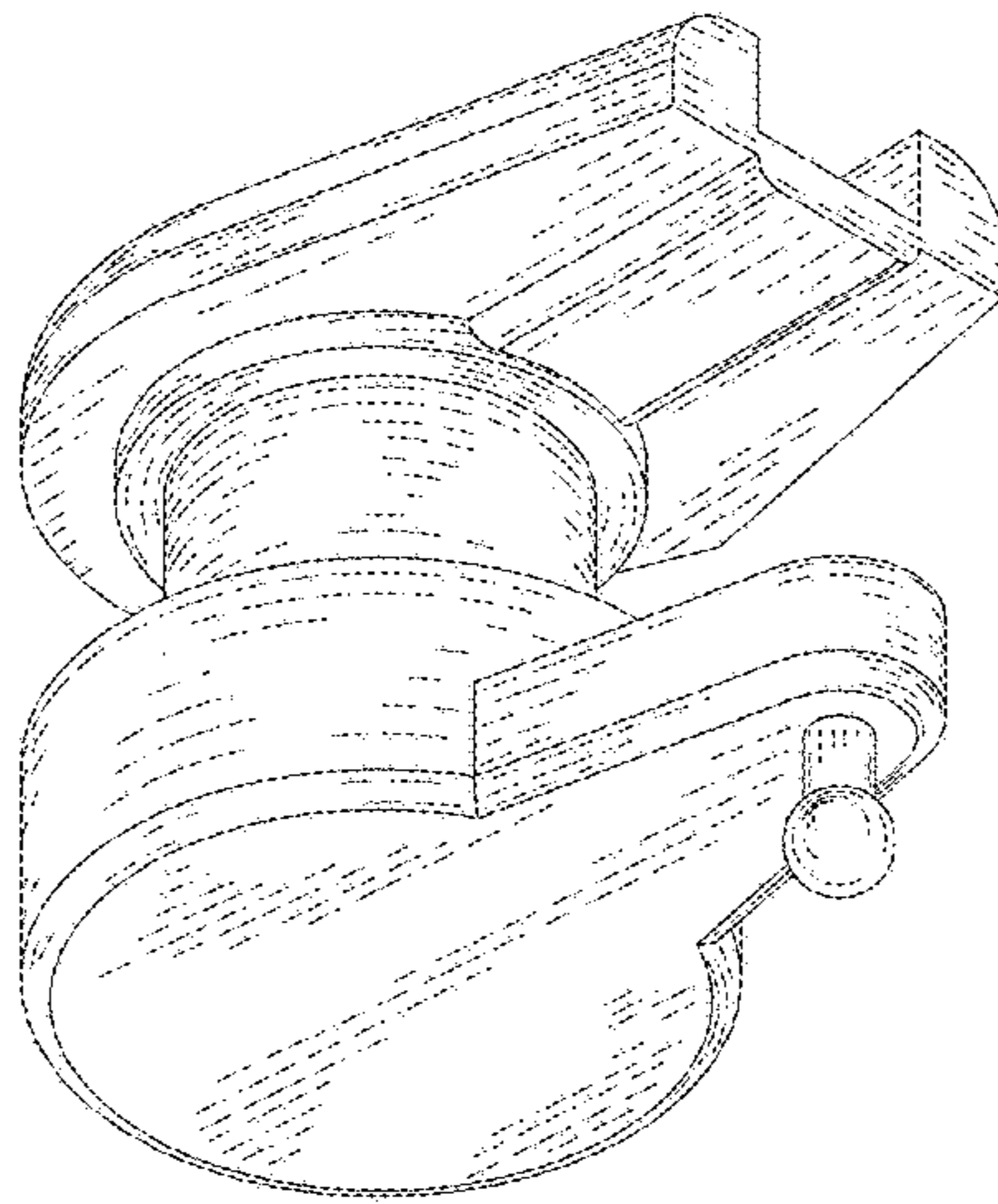


FIG. 3

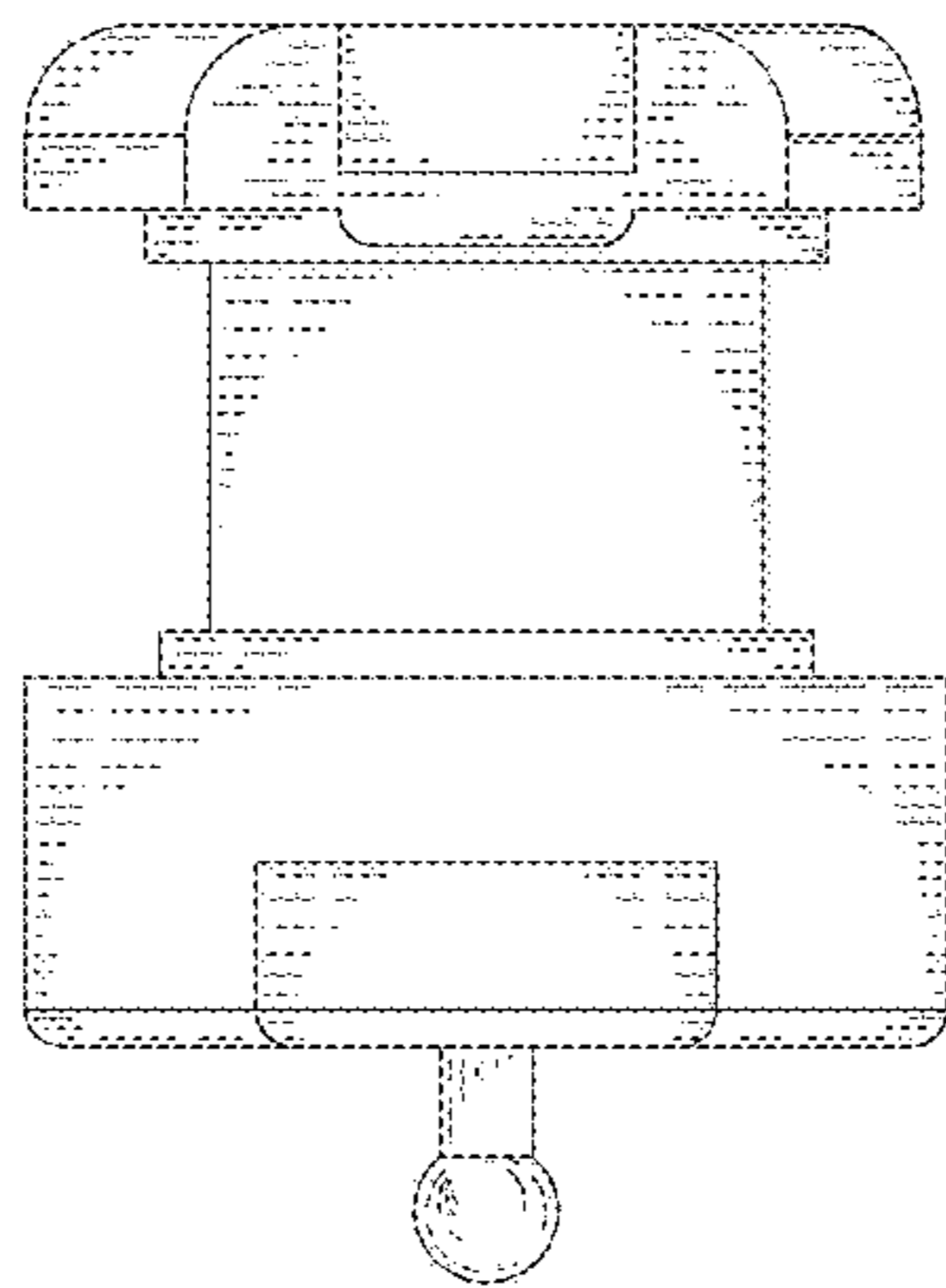


FIG. 4

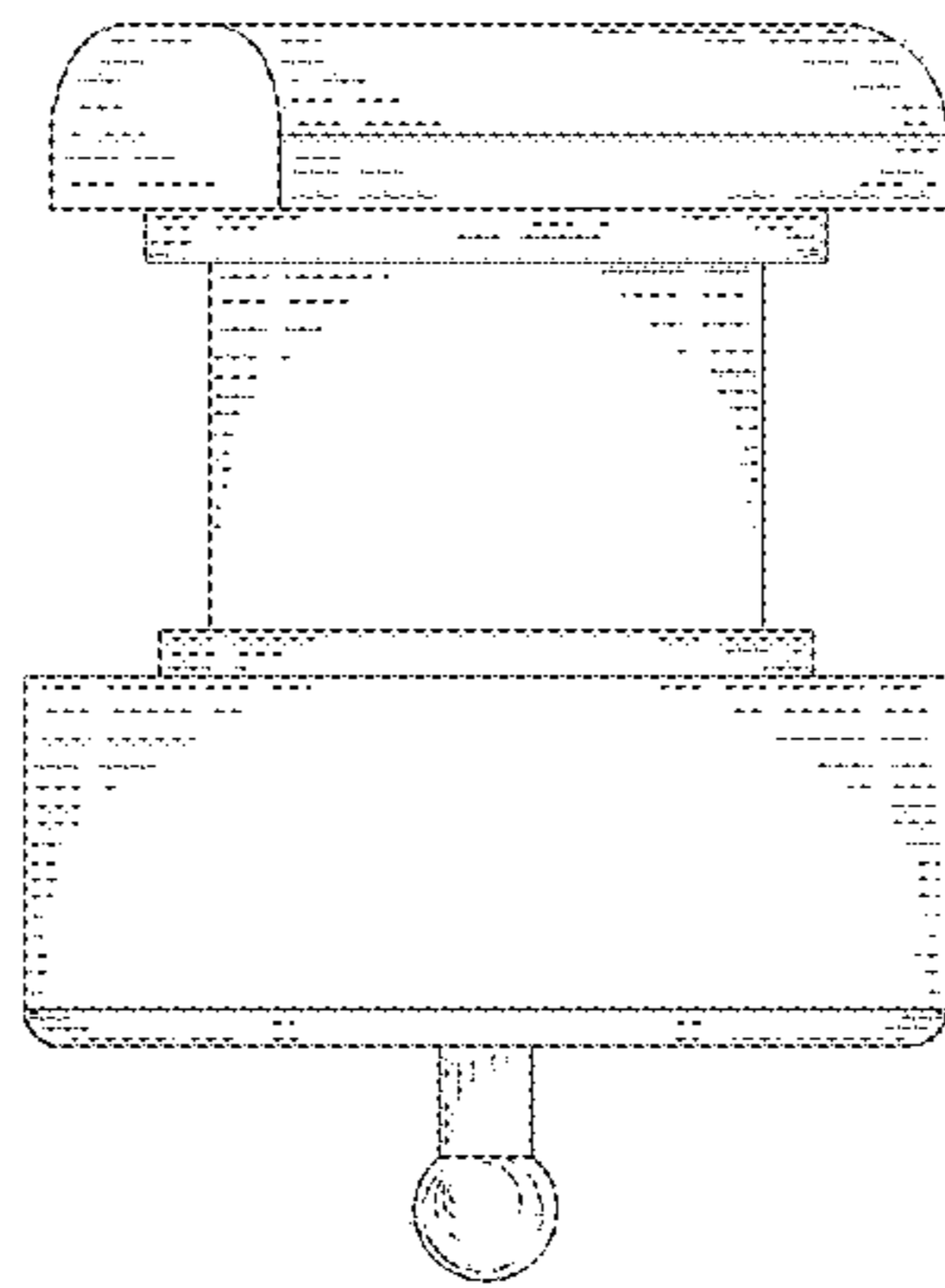


FIG. 5

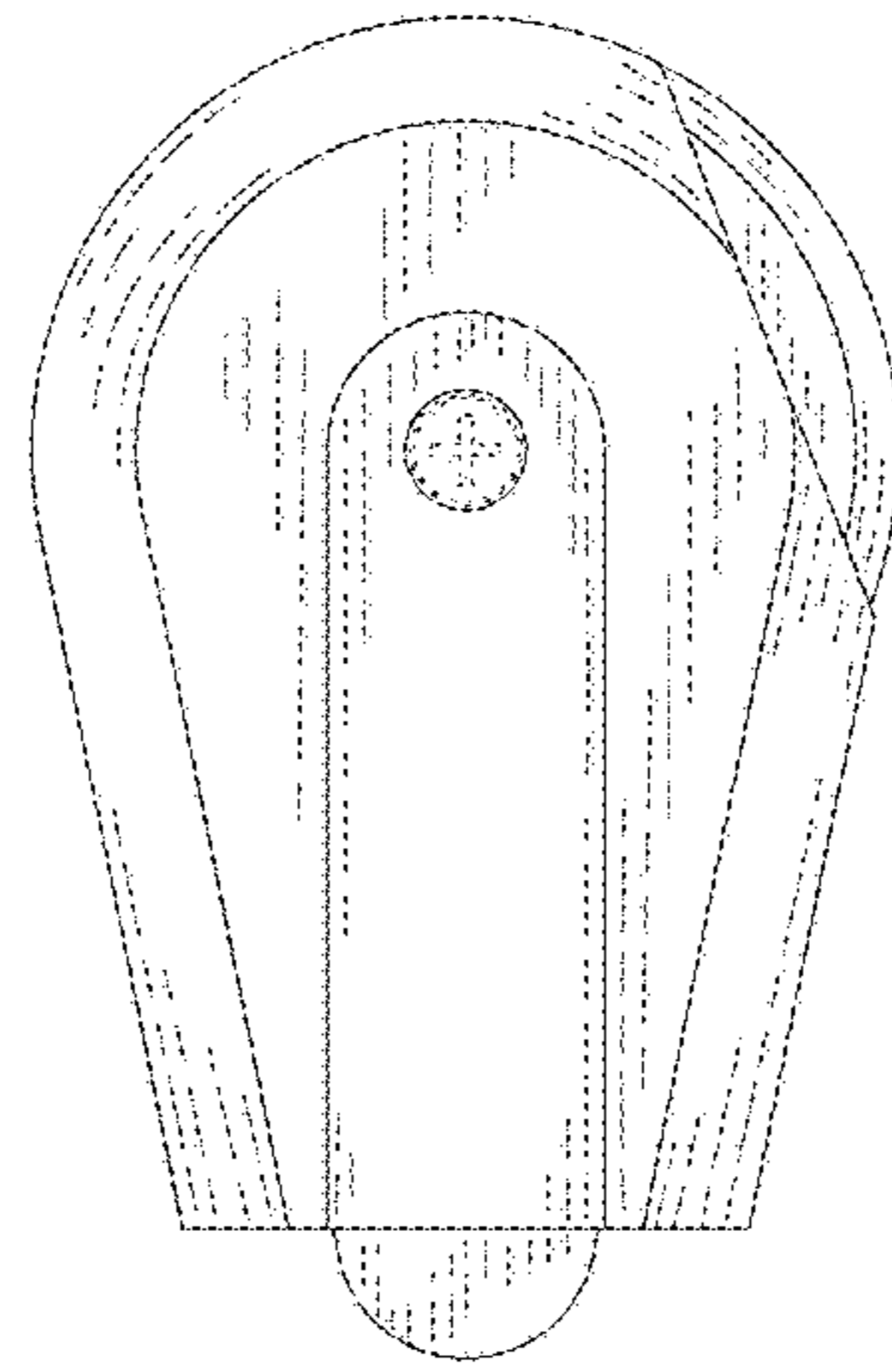


FIG. 6



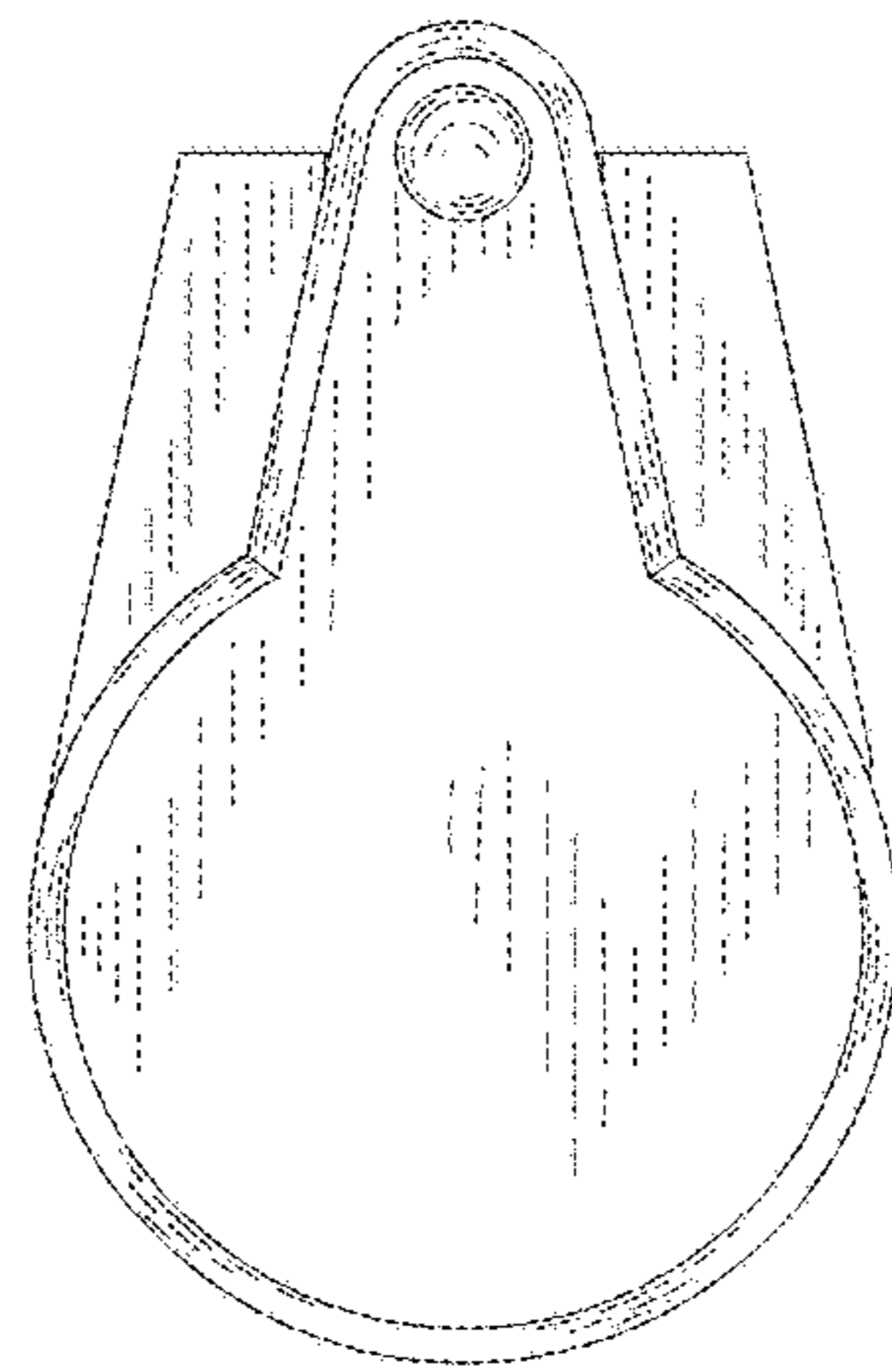


FIG. 7

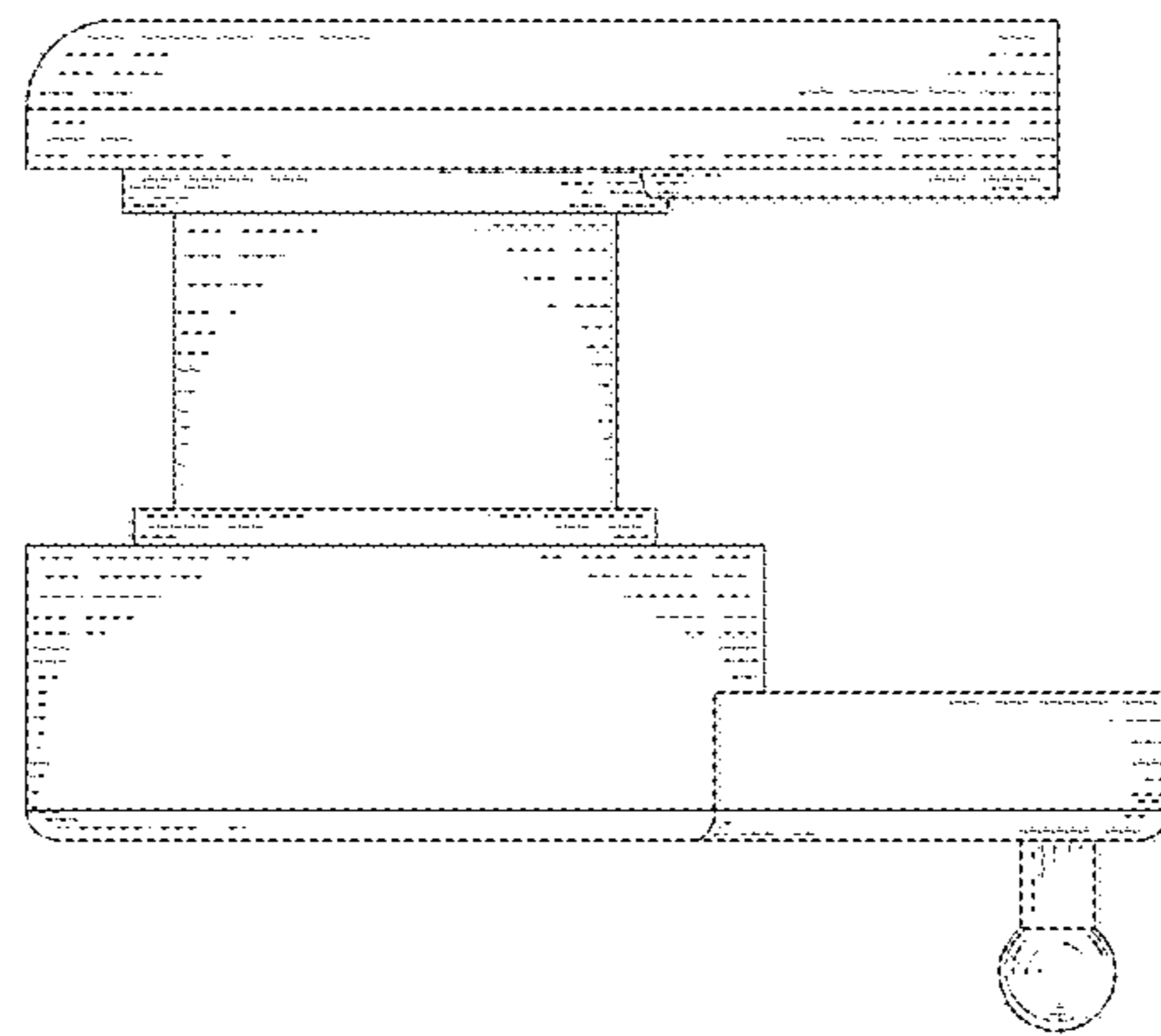


FIG. 8

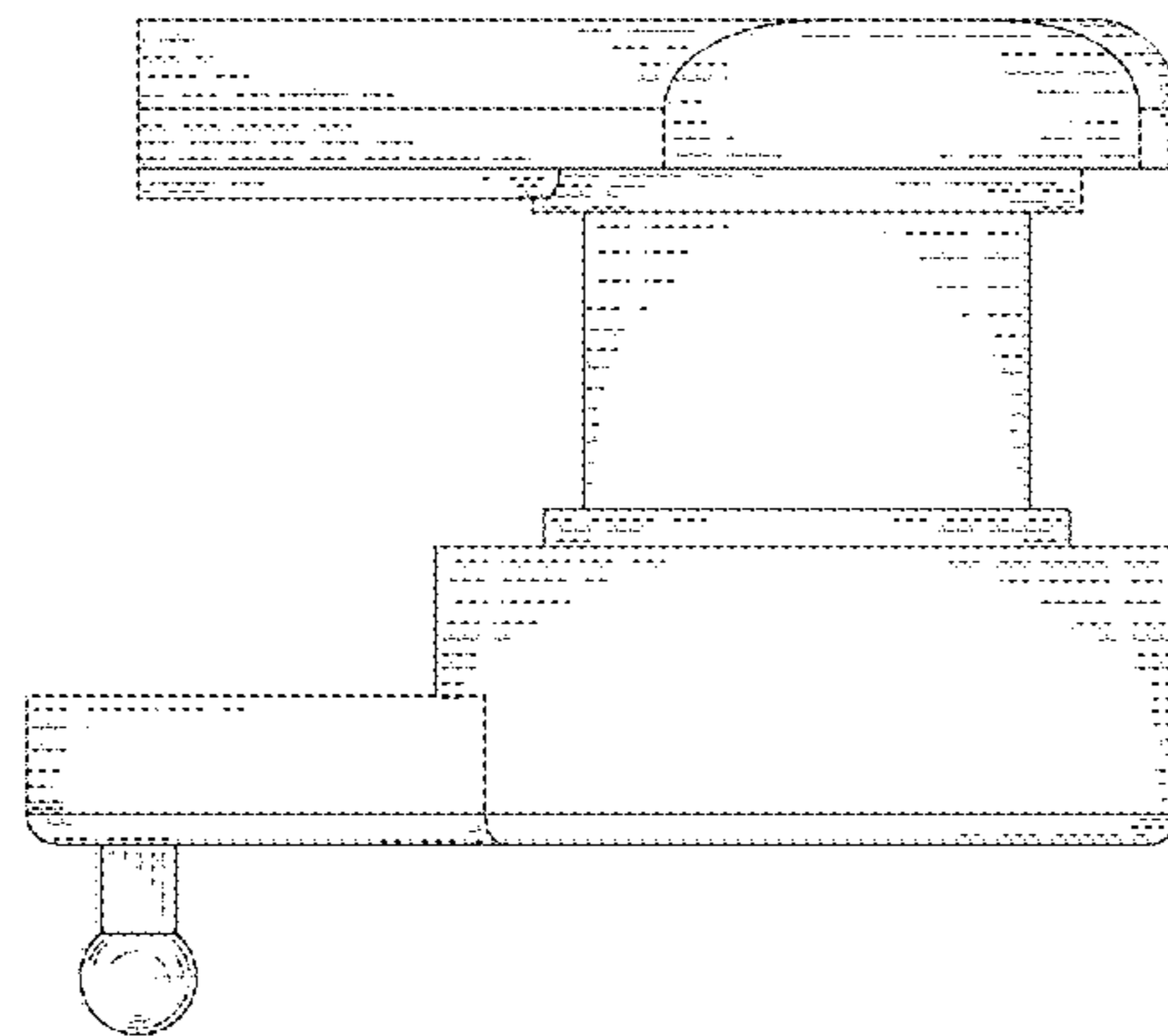


FIG. 9

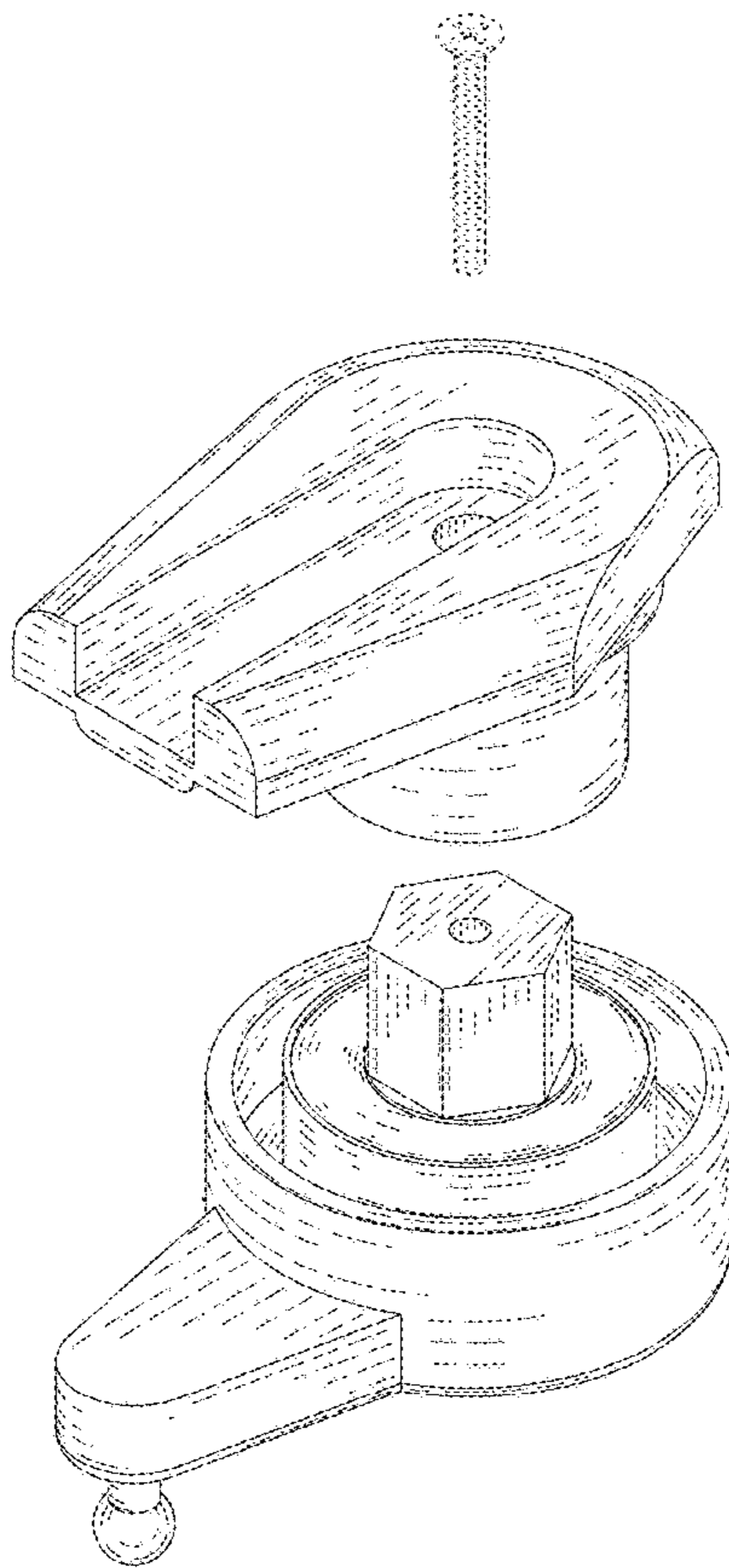


FIG. 10

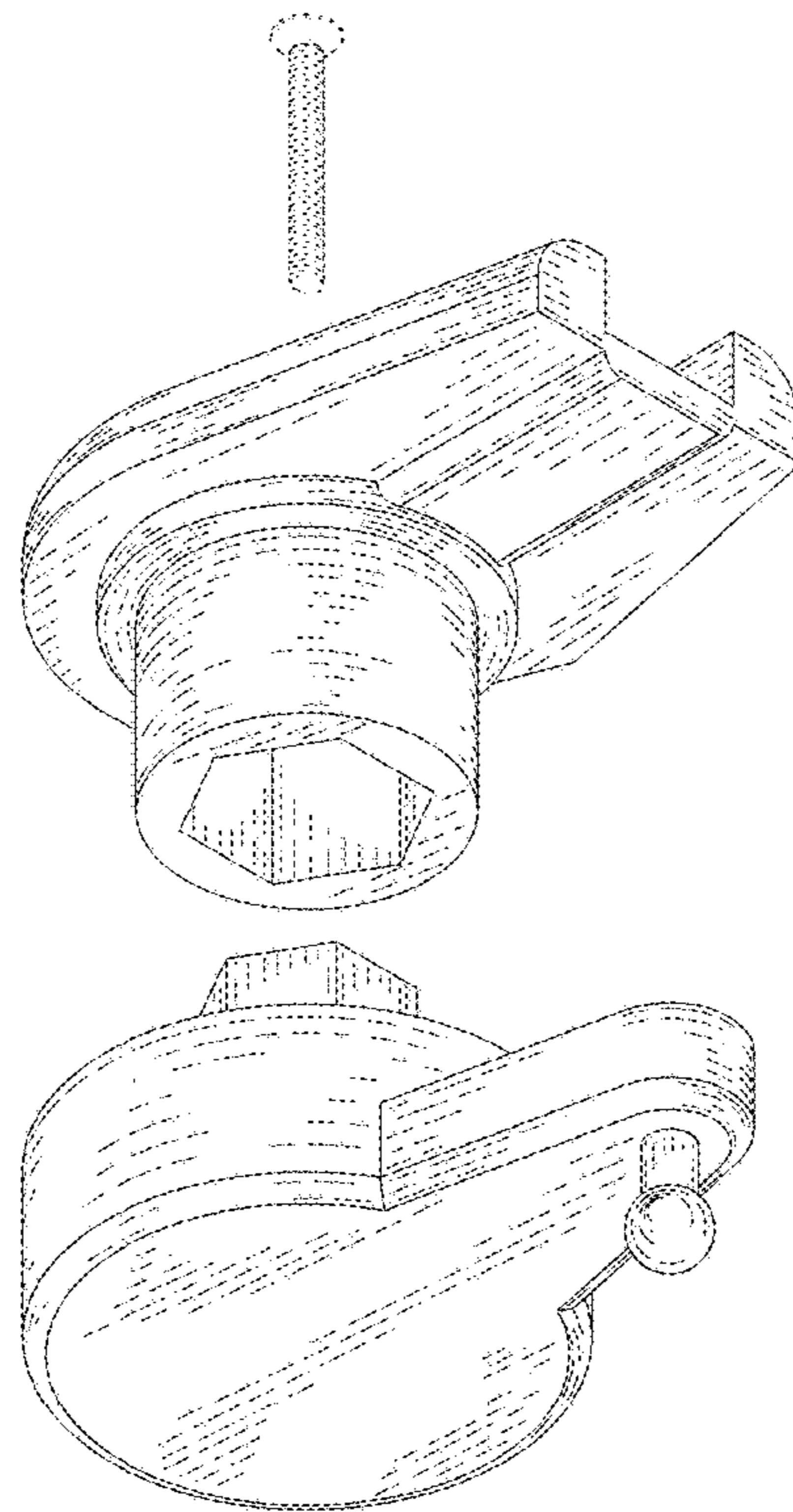


FIG. 11

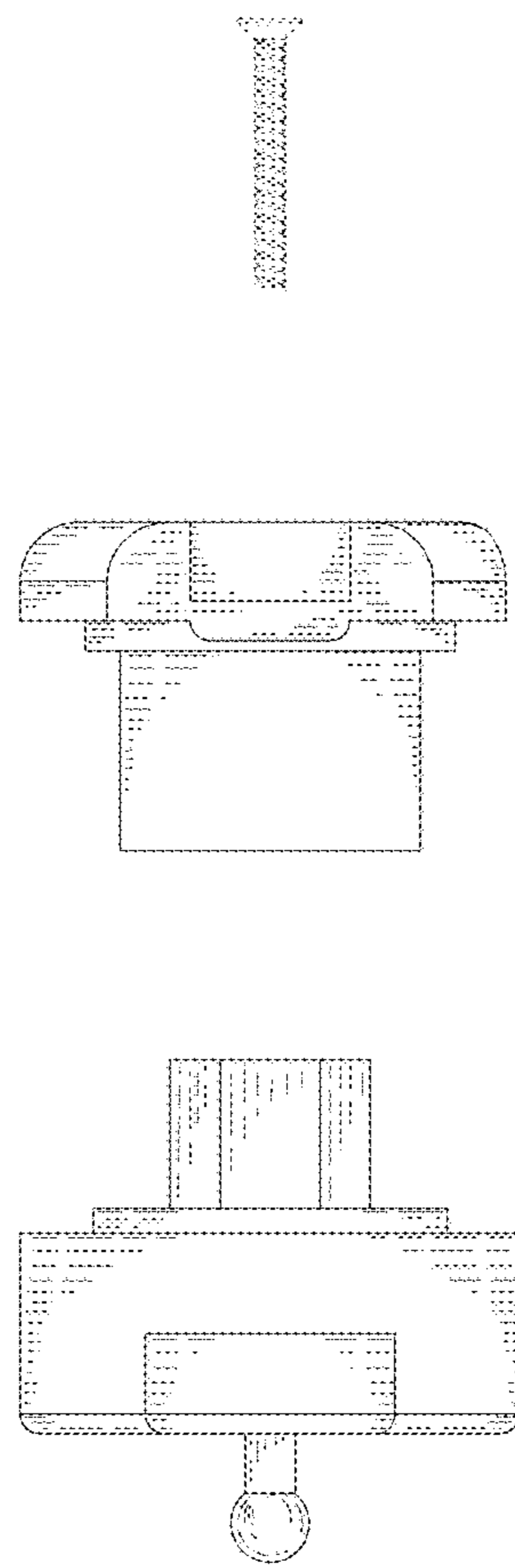


FIG. 12