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(12) **United States Design Patent** (10) **Patent No.: US D1,024,472 S**
Villasenor Navarro (45) **Date of Patent: ** Apr. 23, 2024**

(54) **ROLLER CLEANER** 4,809,722 A * 3/1989 Pennise B44D 3/006
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(**) Term: **15 Years**

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(Continued)

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Related U.S. Application Data

(63) Continuation-in-part of application No. 16/939,763,
filed on Jul. 27, 2020, now Pat. No. 11,660,908.

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(51) **LOC (14) Cl.** **07-05**

(Continued)

(52) **U.S. Cl.**
USPC **D32/35**

Primary Examiner — Khawaja Anwar
Assistant Examiner — Taylor O Mortorff

(58) **Field of Classification Search**
USPC D32/7, 25, 27, 29, 30, 32, 35, 45, 54;
D6/512, 524

(57) **CLAIM**

CPC B44D 3/006; Y10S 134/90; A46B 17/06;
B08B 3/06

The ornamental design for a roller-type cleaning apparatus,
as shown and described.

See application file for complete search history.

DESCRIPTION

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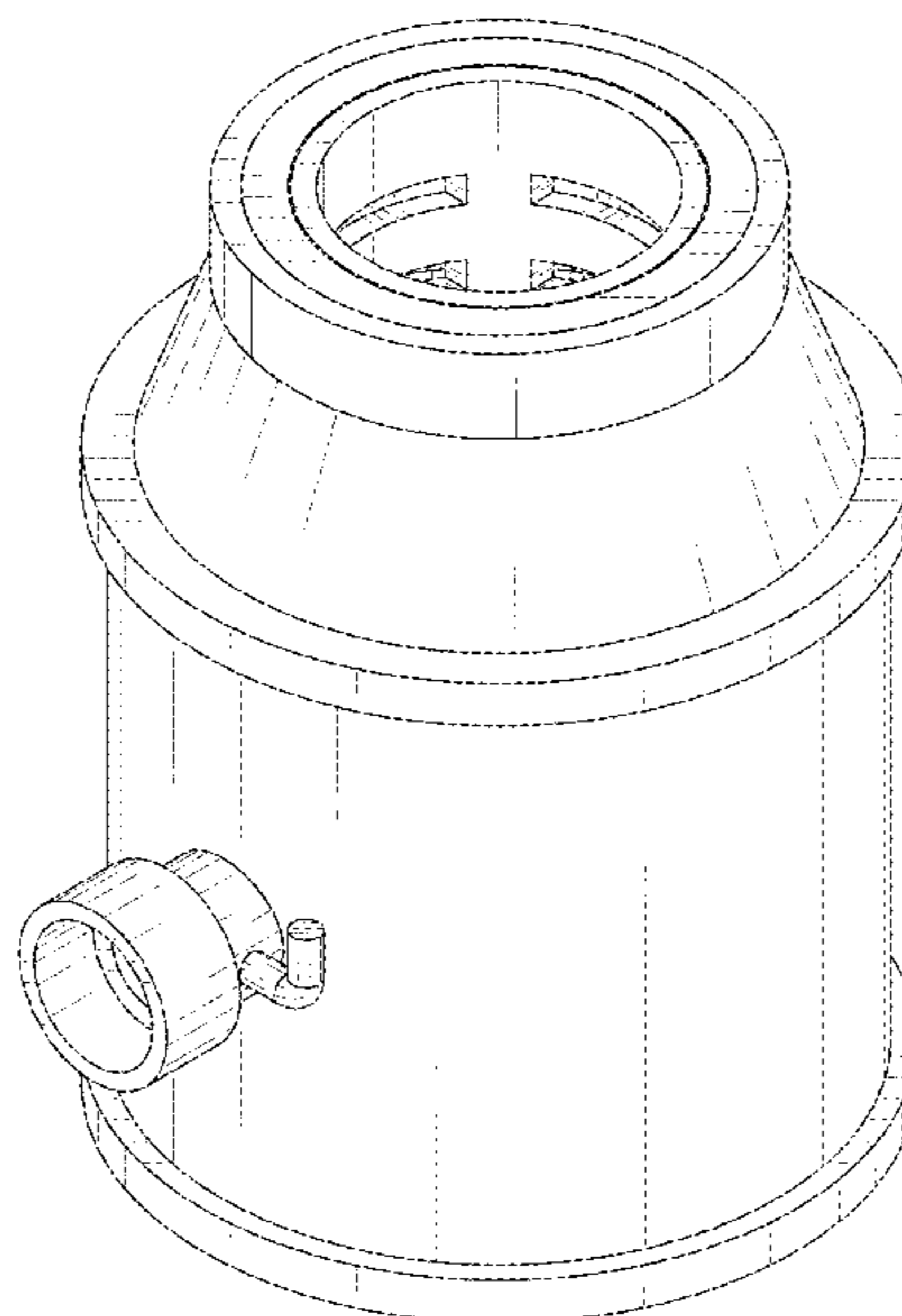
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FIG. 1 is a top perspective view showing my new design;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a right view thereof;
FIG. 5 is a top view thereof;
FIG. 6 is a bottom view thereof;
FIG. 7 is an exploded view thereof; and,
FIG. 8 is a left view thereof.

The broken lines in the drawings illustrate portions of the
roller-type cleaning apparatus which form no part of the
claimed design.

1 Claim, 8 Drawing Sheets



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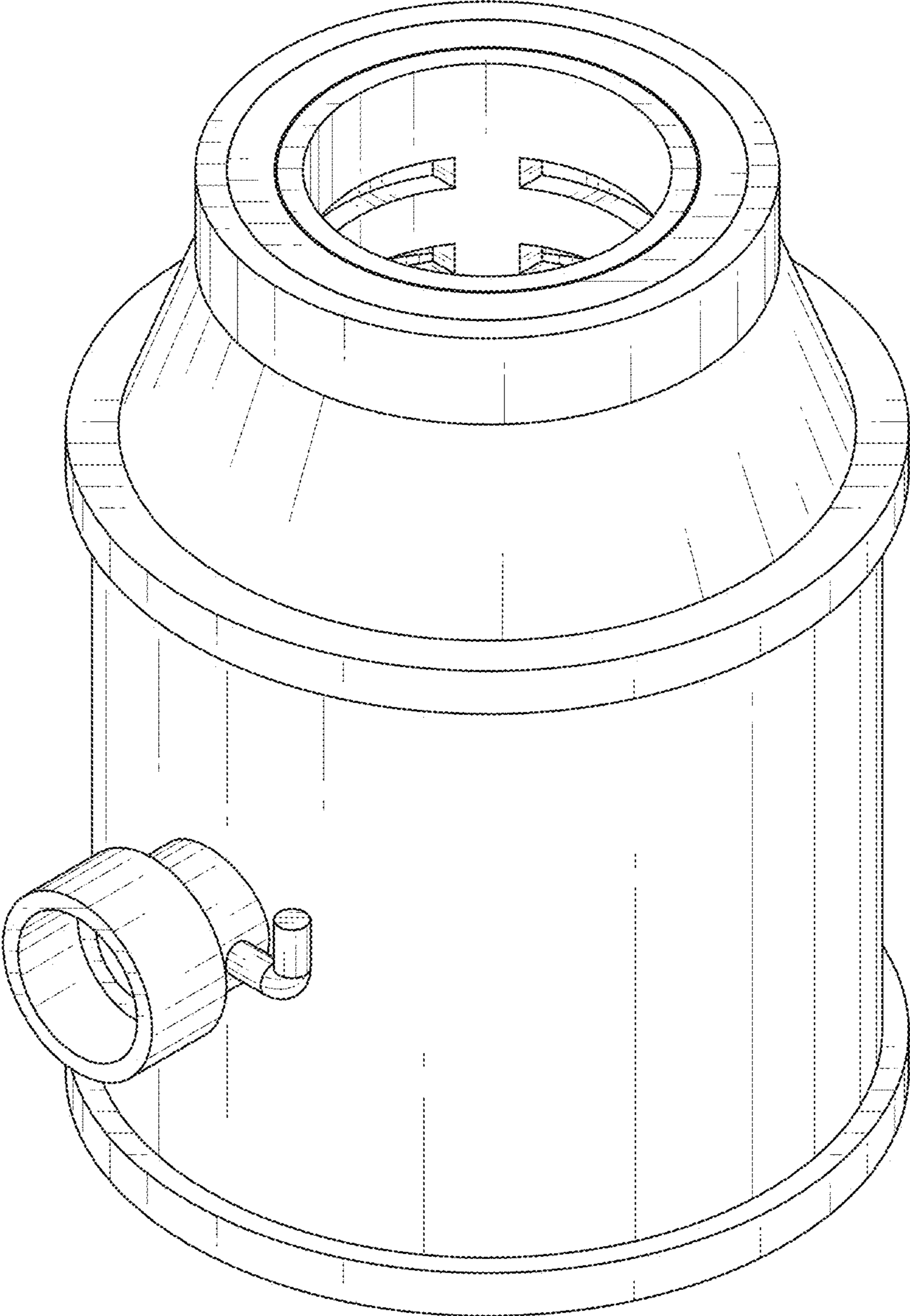


FIG. 1

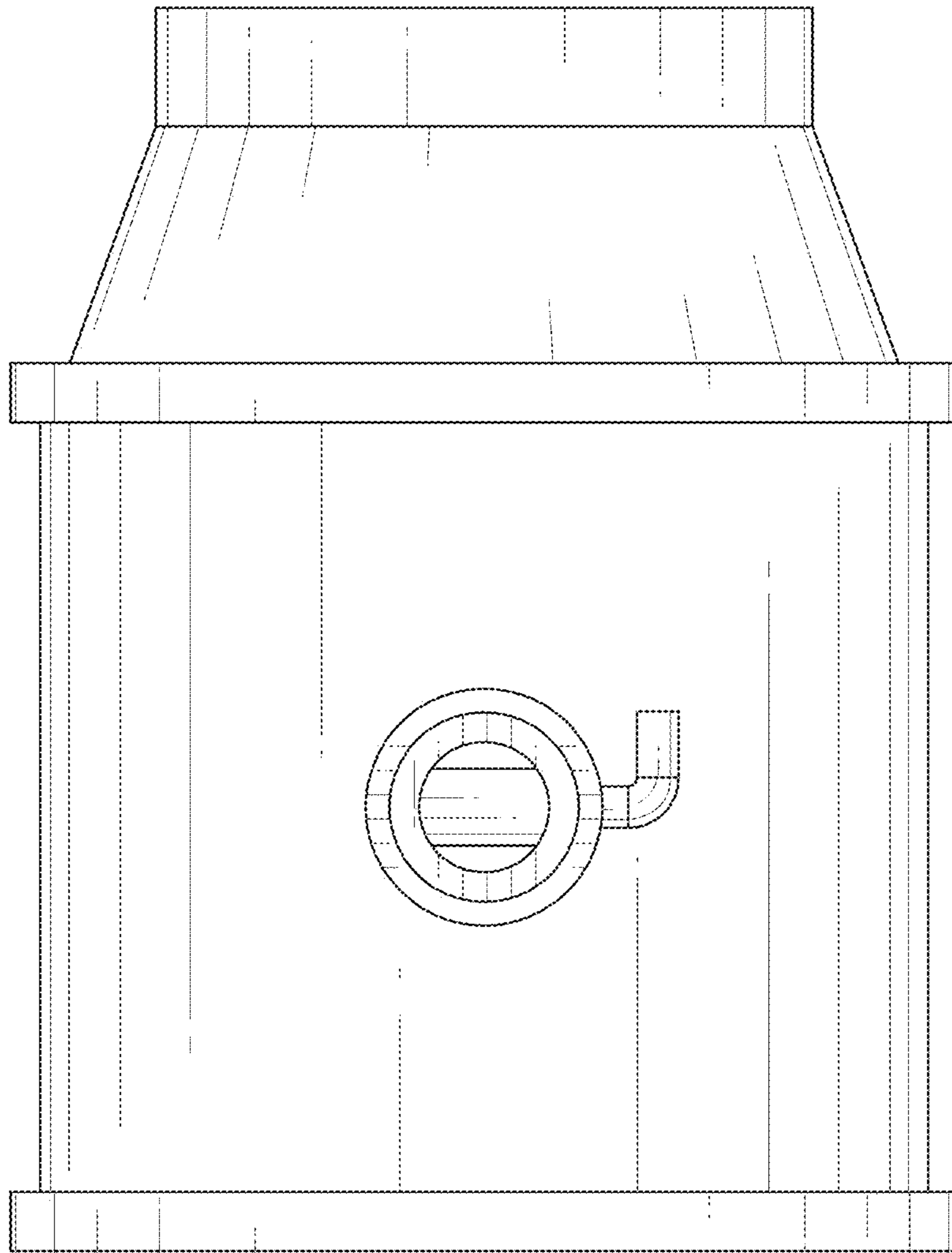


FIG. 2

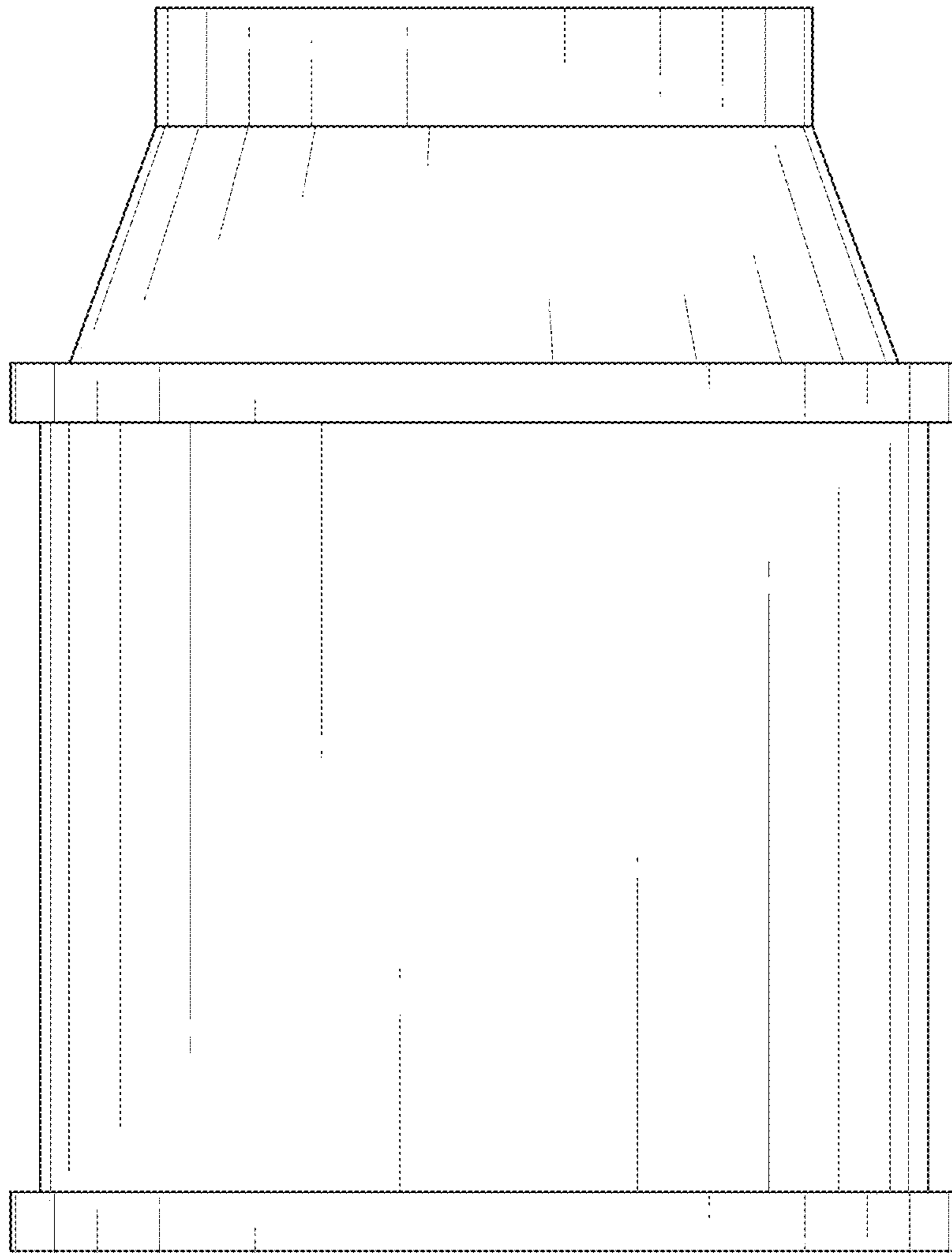


FIG. 3

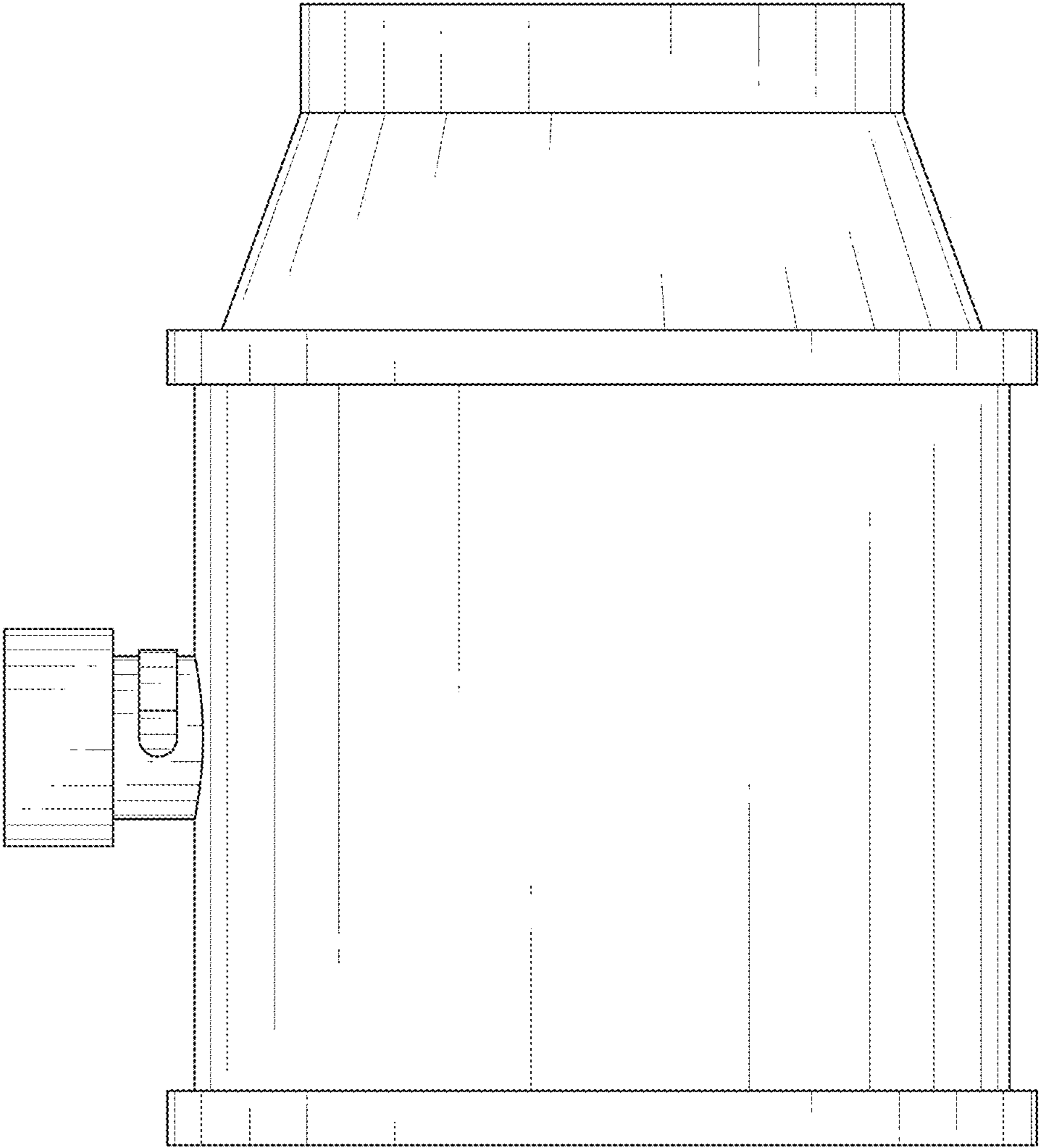


FIG. 4

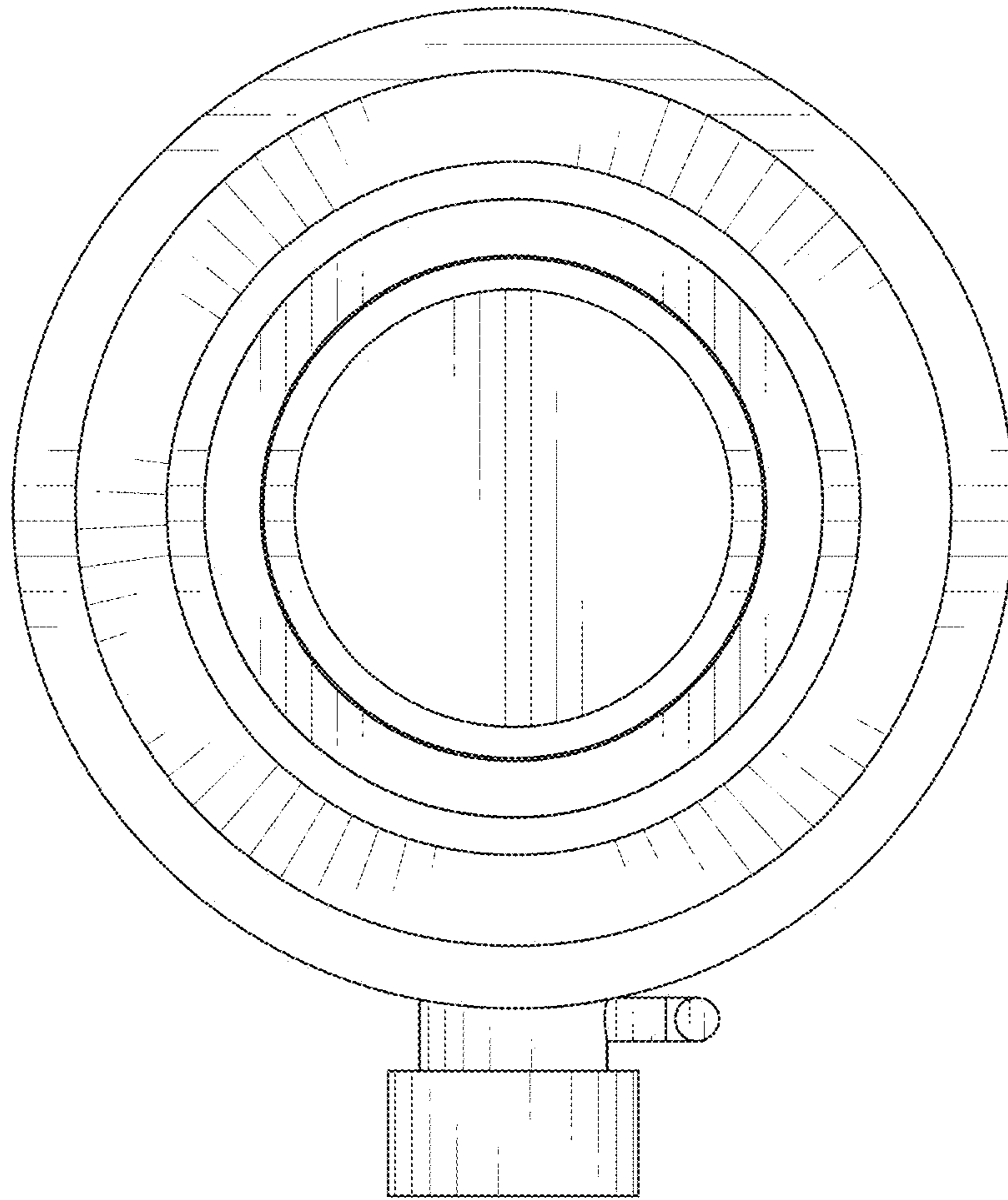


FIG. 5

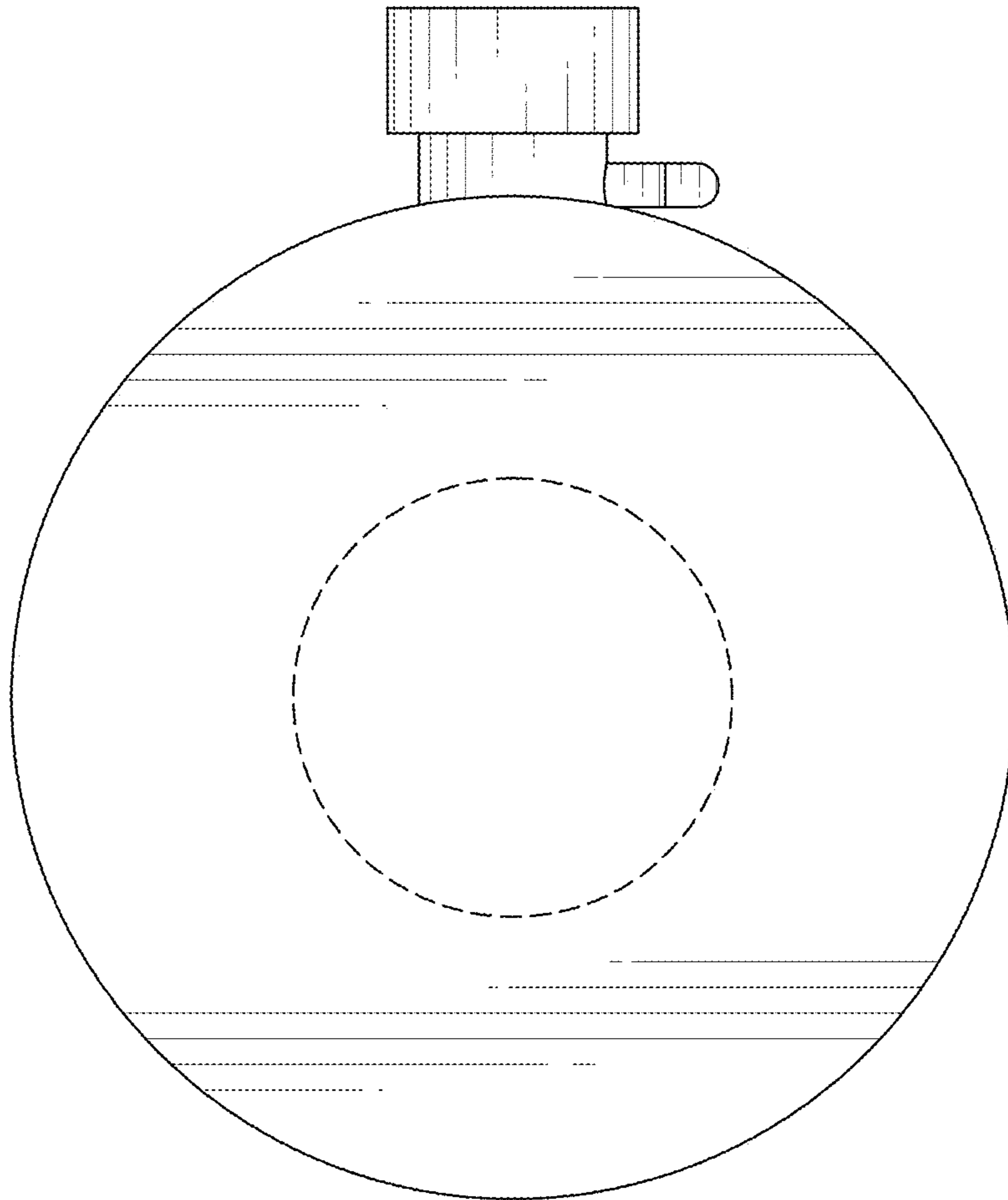


FIG. 6

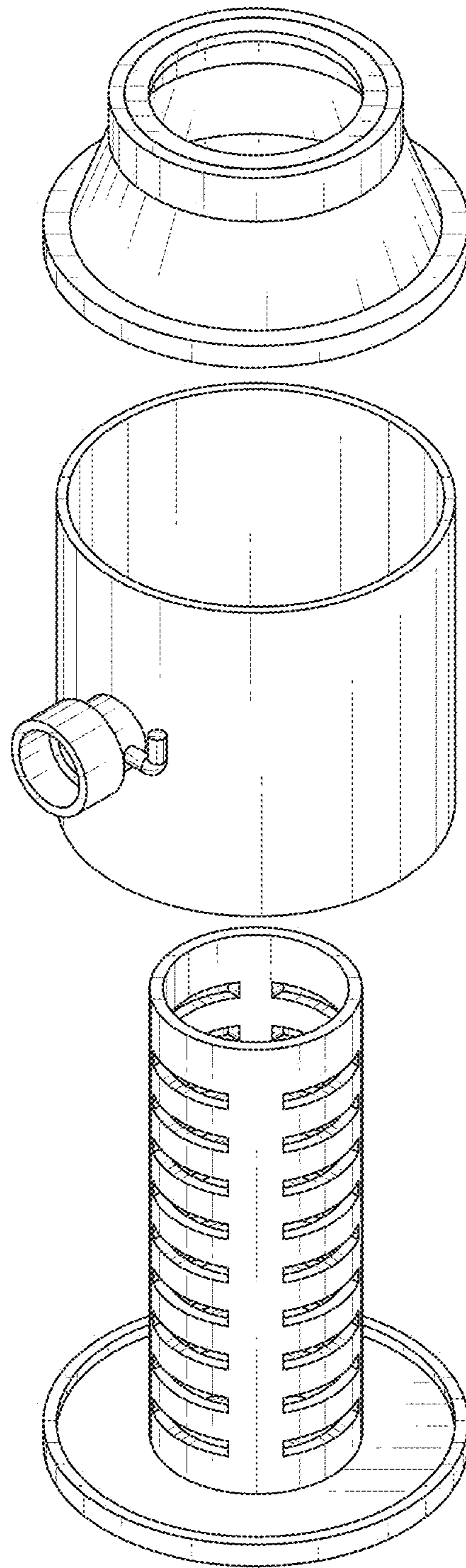


FIG. 7

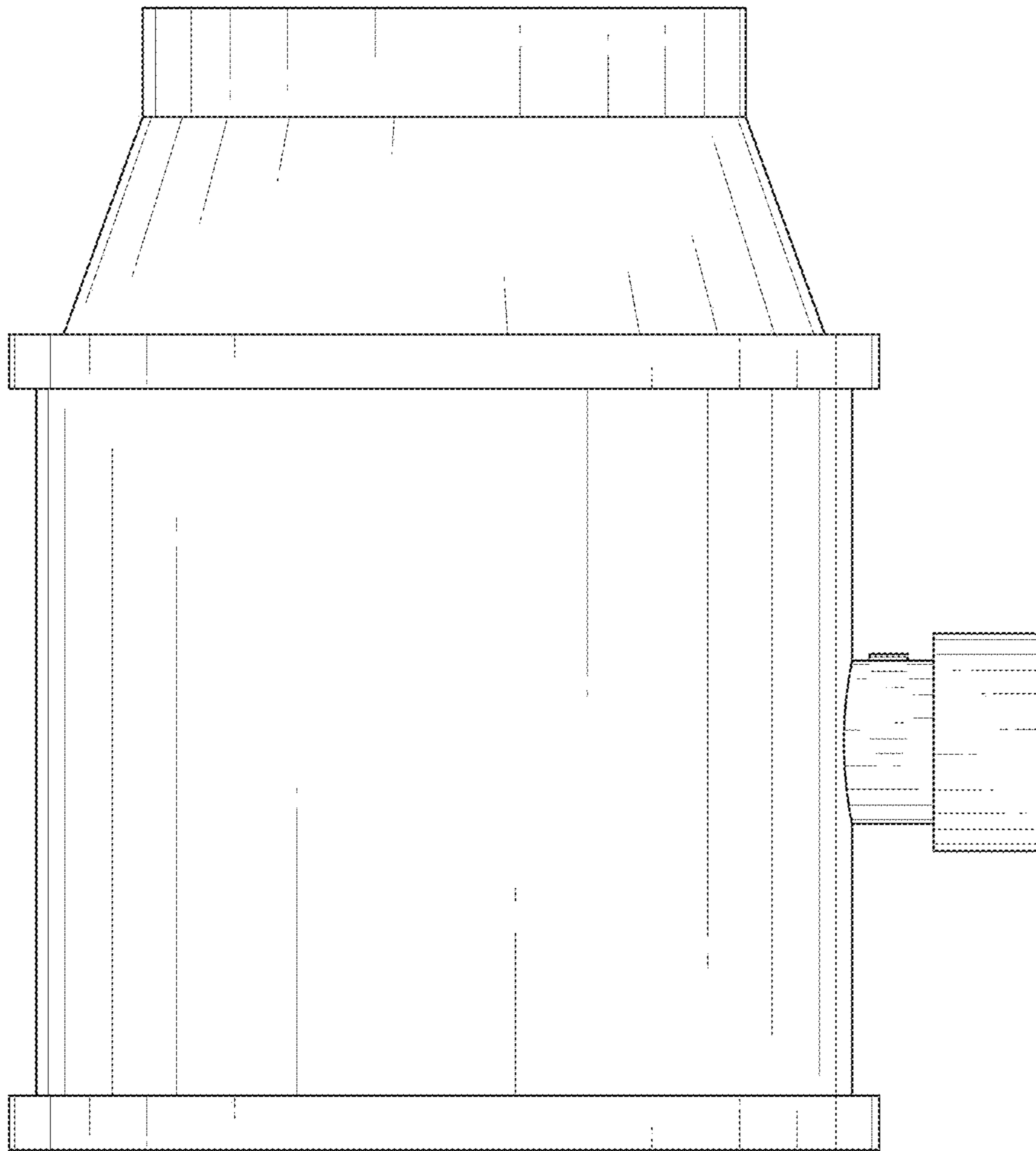


FIG. 8