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(12) United States Design Patent

Lee

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(45) Date of Patent: ** May 6, 2014

(54) **COMBINED CYLINDER AND PISTON FOR PNEUMATIC AUTOMOTIVE LIFTING DEVICE**

(75) Inventor: **Steven David Lee**, Kailua, HI (US)

(73) Assignee: **Stealth Innovative Systems, LLC**, Kailua, HI (US)

(**) Term: **14 Years**

(21) Appl. No.: **29/395,808**

(22) Filed: **Apr. 3, 2012**

(51) **LOC (10) Cl.** **15-02**

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

(58) **Field of Classification Search**
USPC D15/5, 7–9; 417/410.1, 359, 415–416, 417/234, 321, 265, 405; D23/231–232; 123/193.6, 307
See application file for complete search history.

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Primary Examiner — Ralf Seifert
(74) *Attorney, Agent, or Firm* — Martin E. Hsia; Keri Ann K.S. Krzykowski

(57) **CLAIM**

The ornamental design for a combined cylinder and piston for pneumatic automotive lifting device, as shown and described.

DESCRIPTION

FIG. **1** is an exploded perspective view from the left front of a combined cylinder and piston for pneumatic automotive lifting device showing my new design;
FIG. **2** is an exploded front elevational view thereof;
FIG. **3** is an exploded rear elevational view thereof;
FIG. **4** is an exploded side elevational view thereof from the left, the exploded side elevational view from the right being the mirror image;
FIG. **5** is a top plan view thereof;
FIG. **6** is a bottom plan view thereof;
FIG. **7** is an assembled perspective view from the left front thereof;
FIG. **8** is a perspective cut-away view thereof, taken along the line **8-8** in FIG. **7**;
FIG. **9** is an assembled perspective view from the left front thereof;
FIG. **10** is an exploded perspective view from the left front of a combined cylinder and piston for pneumatic automotive lifting device showing the second embodiment of my new design;
FIG. **11** is an exploded front elevational view of FIG. **10**;
FIG. **12** is an exploded rear elevational view of FIG. **10**;
FIG. **13** is an exploded side elevational view thereof, viewed from the left of FIG. **10**; the exploded side elevational view from the right being the mirror image;
FIG. **14** is a top plan view of FIG. **10**;
FIG. **15** is a bottom plan view of FIG. **10**;
FIG. **16** is an assembled perspective view from the left front of FIG. **10**;
FIG. **17** is a perspective cut-away view of FIG. **10**, taken along the line **17-17** in FIG. **16**;
FIG. **18** is an assembled perspective view from the left front of FIG. **10**;
FIG. **19** is an exploded perspective view from the left front of a combined cylinder and piston for pneumatic automotive lifting device showing the third embodiment of my new design;
FIG. **20** is an exploded front elevational view of FIG. **19**;
FIG. **21** is an exploded rear elevational view of FIG. **19**;
FIG. **22** is an exploded side elevational view of FIG. **19**, viewed from the left, the exploded side elevational view from the right being the mirror image;
FIG. **23** is a top plan view of FIG. **19**;
FIG. **24** is a bottom plan view of FIG. **19**;

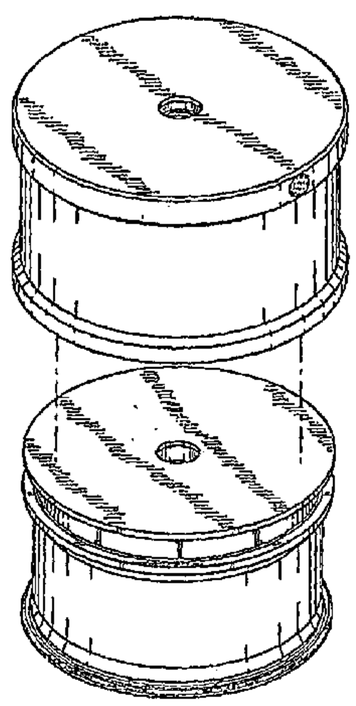

FIG. **25** is an assembled perspective view from the left front of FIG. **19**;
FIG. **26** is a perspective cut-away view of FIG. **19** taken along the line **26-26** in FIG. **25**; and,
FIG. **27** is an assembled perspective view from the left front of FIG. **19**.

The broken line showing of various elements is included for the purpose of illustrating environmental matter and forms no part of the claimed design.

1 Claim, 6 Drawing Sheets

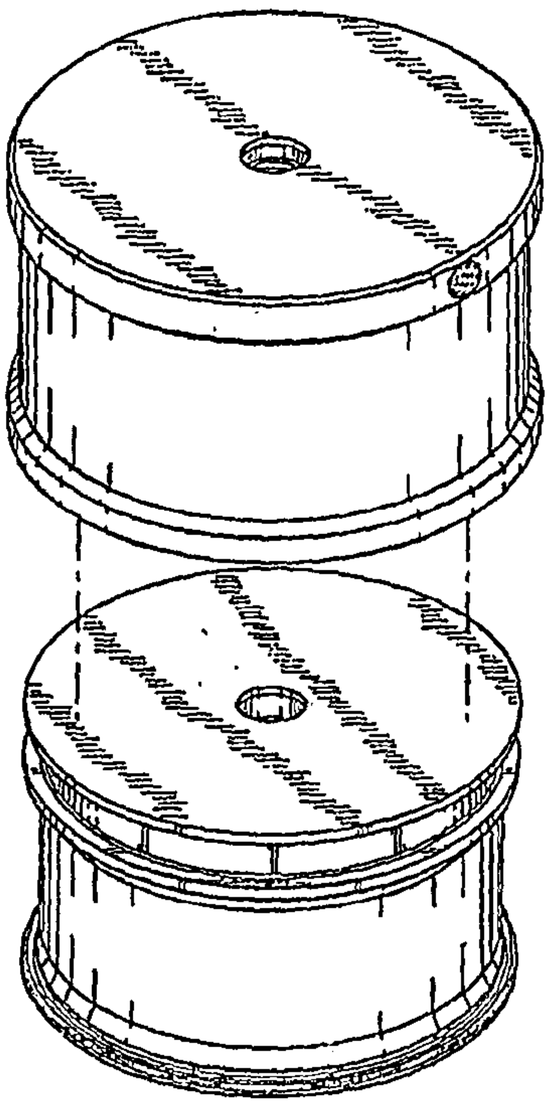

FIG. 1

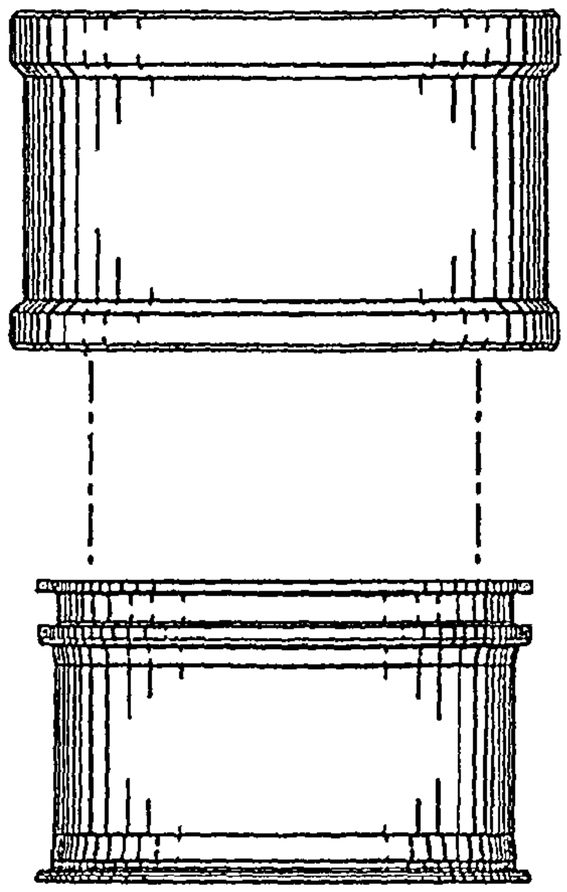

FIG. 3

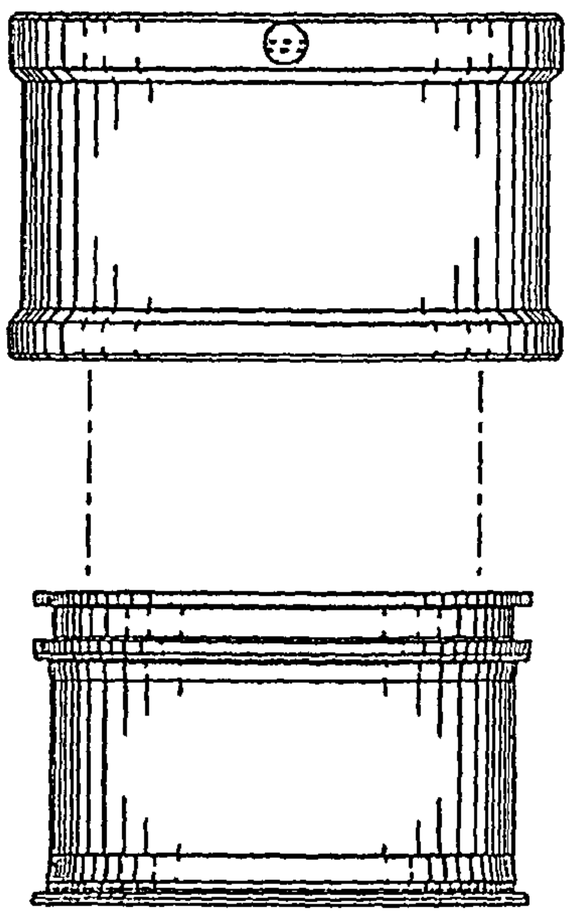

FIG. 2

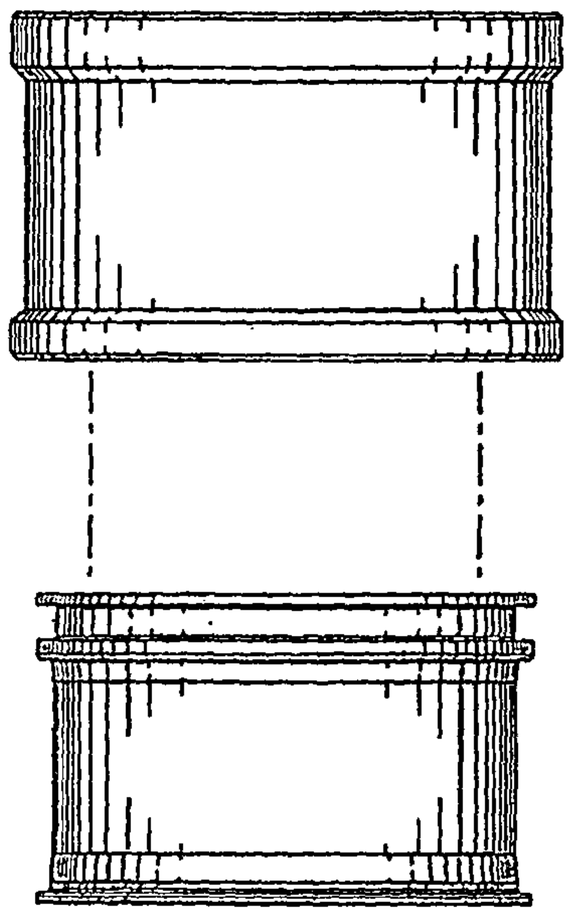

FIG. 4

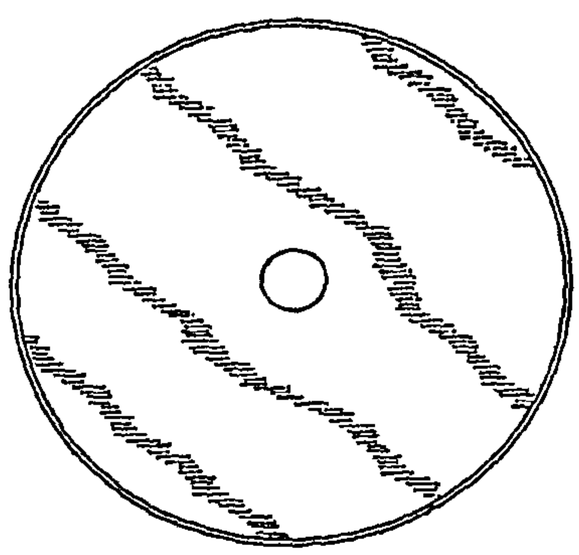

FIG. 5

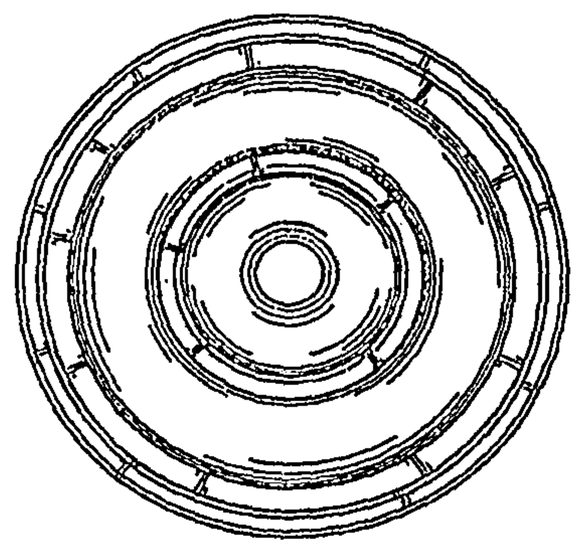

FIG. 6

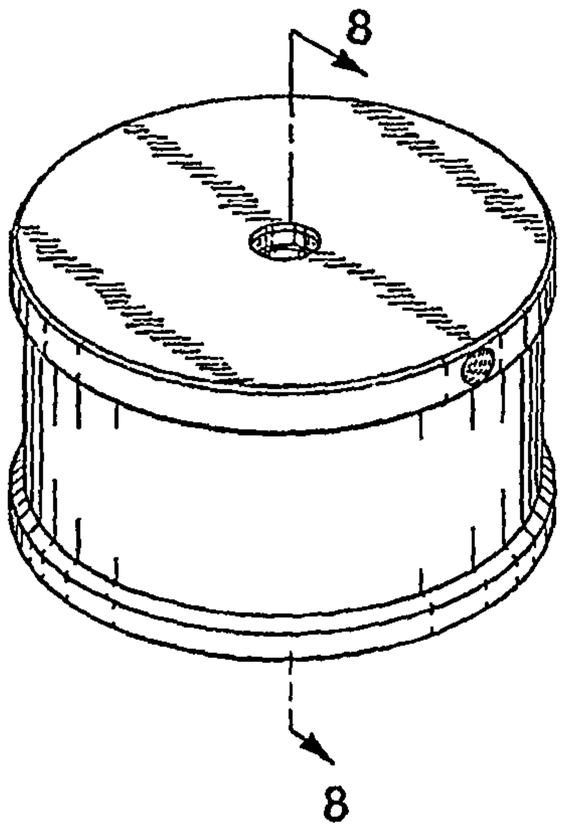

FIG. 7

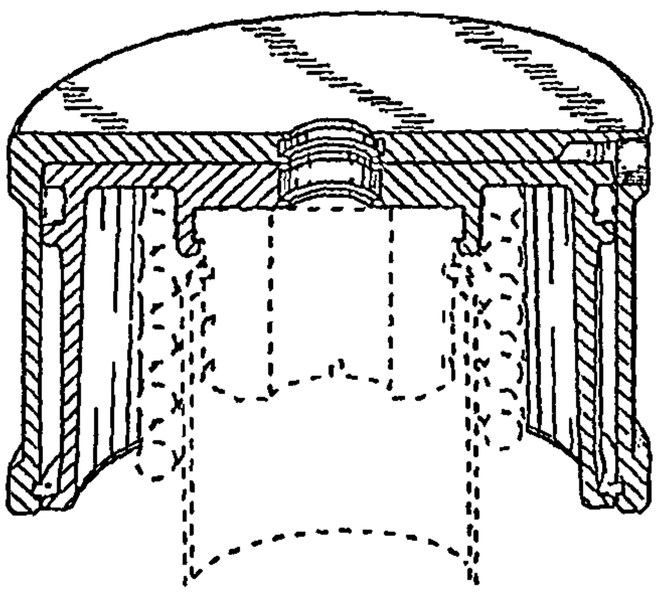

FIG. 8

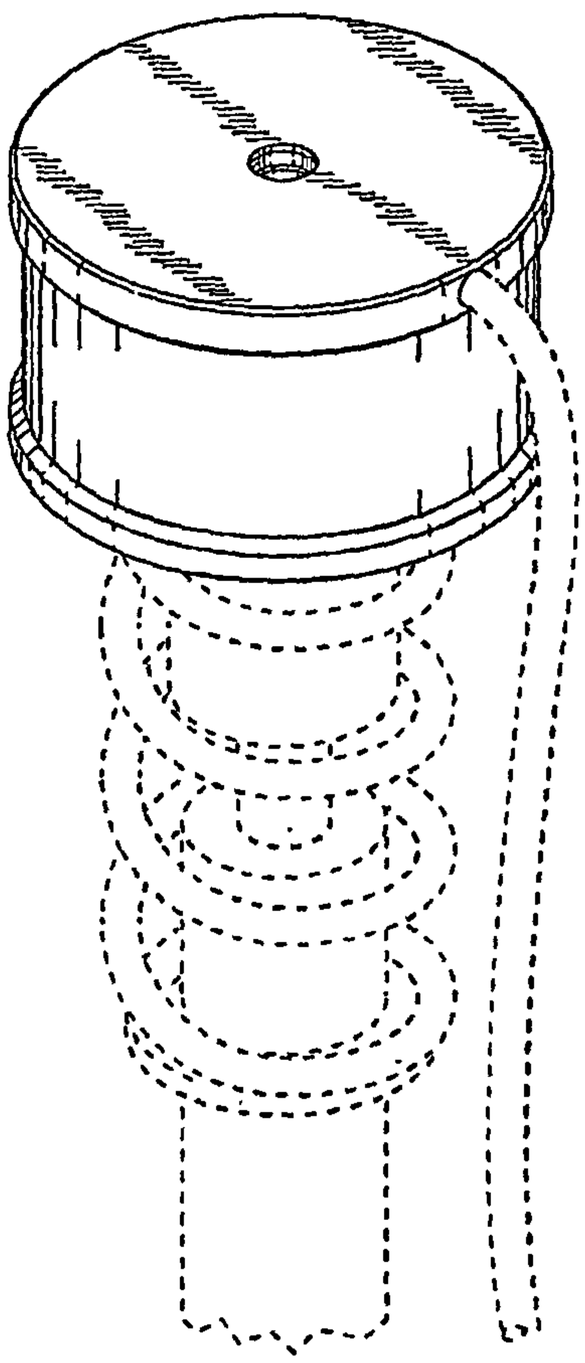

FIG. 9

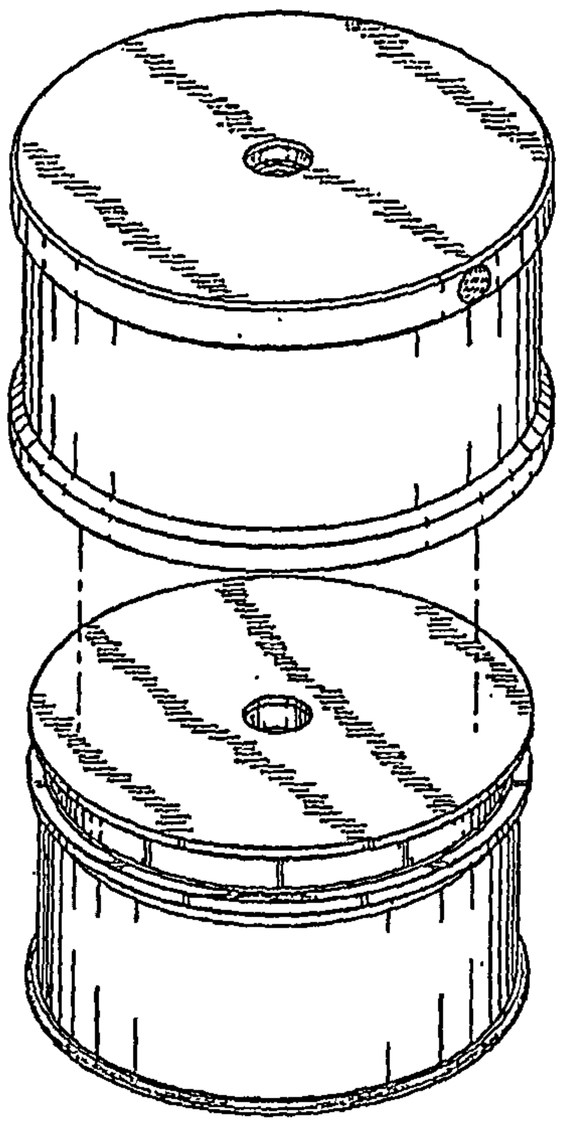

FIG. 10

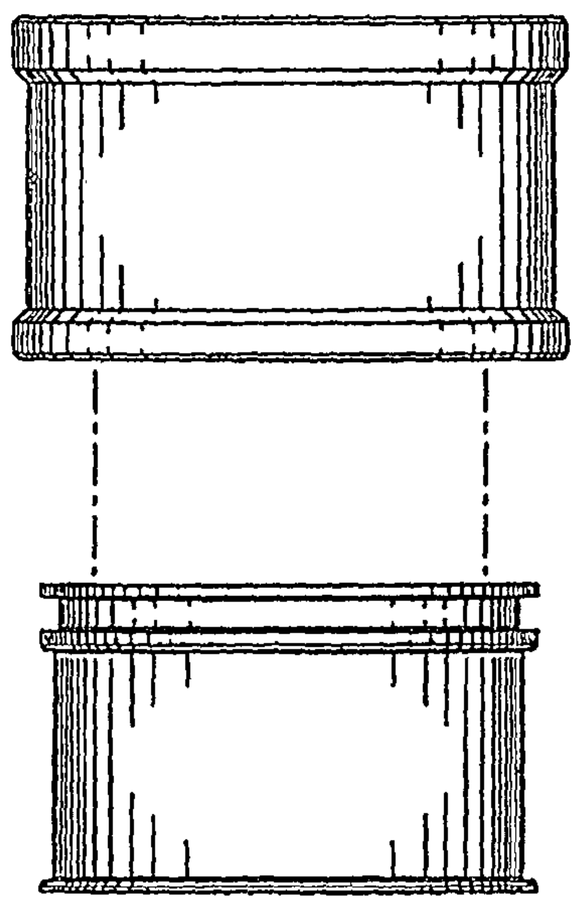

FIG. 12

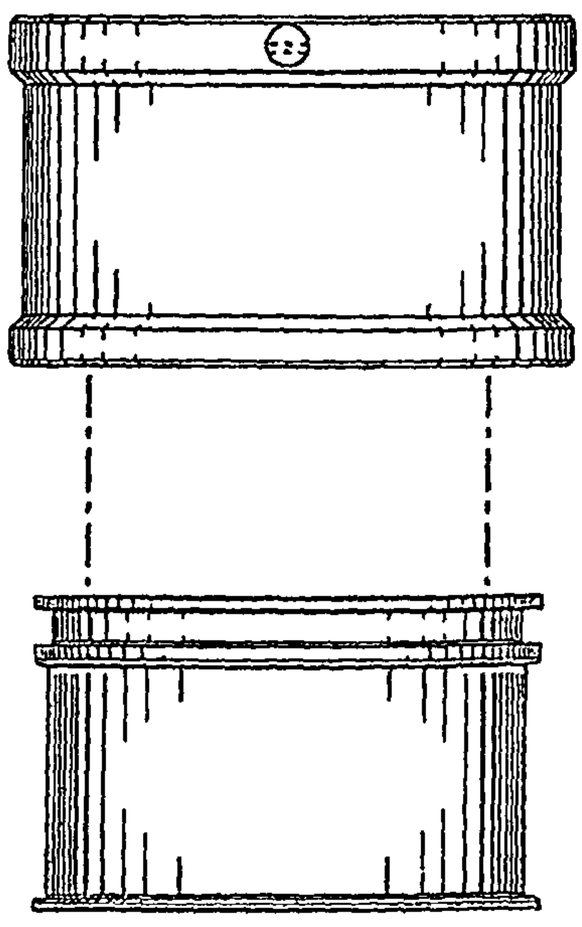

FIG. 11

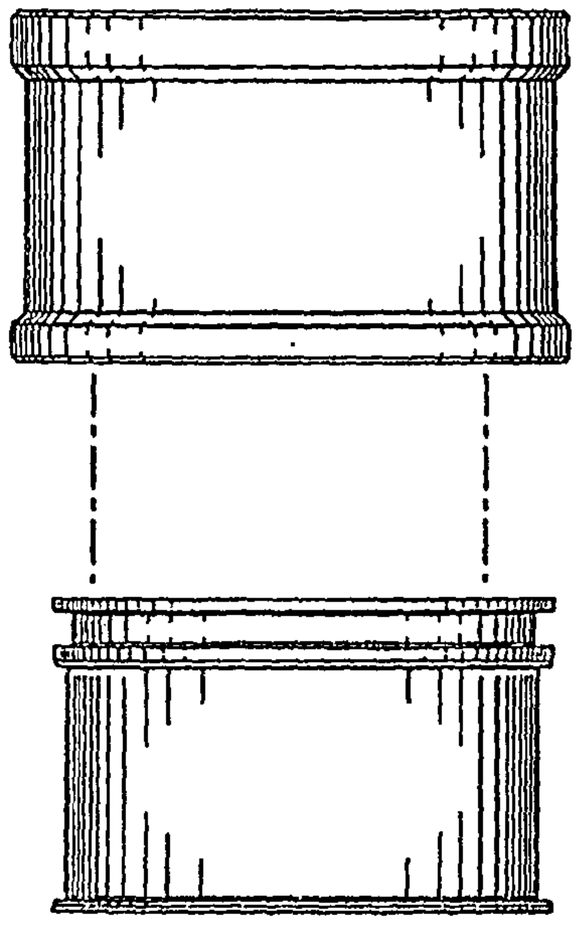

FIG. 13

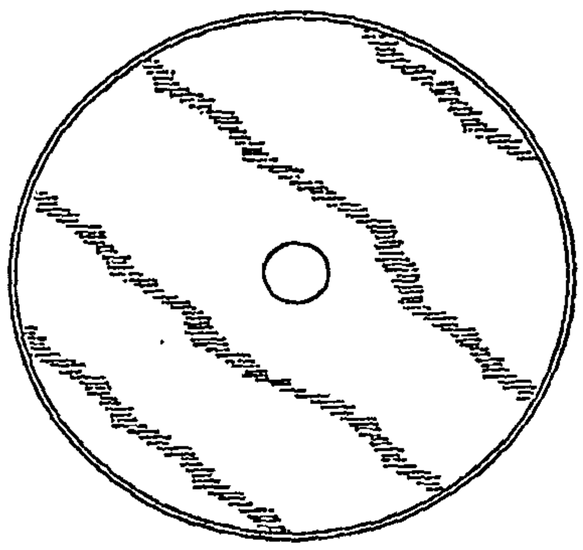

FIG. 14

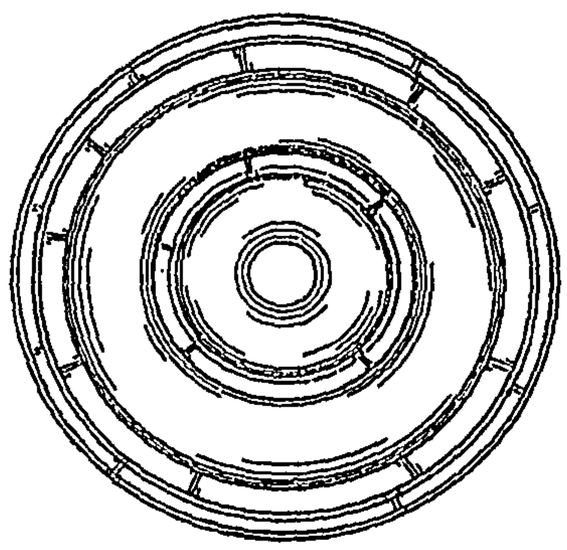

FIG. 15

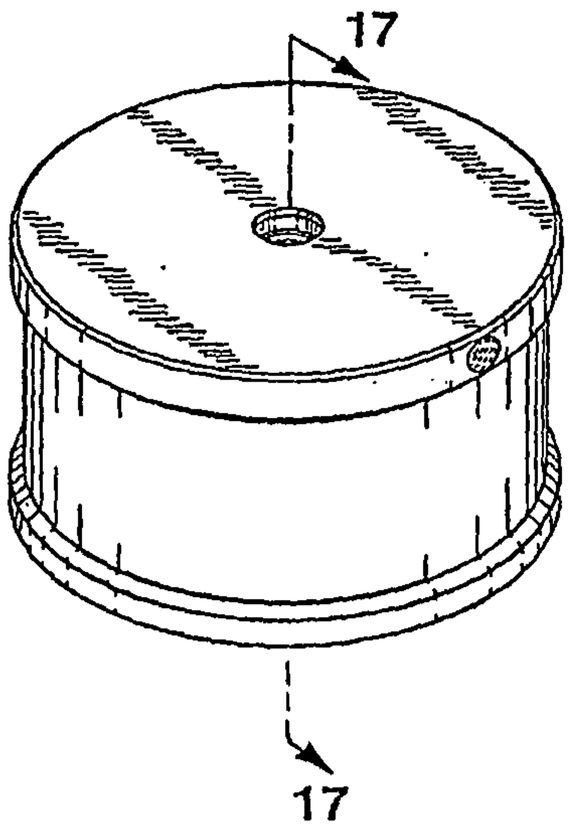

FIG. 16

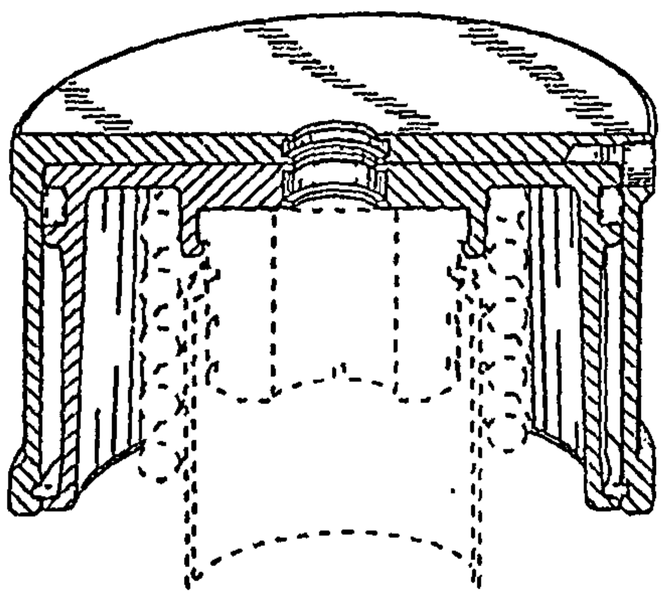

FIG. 17

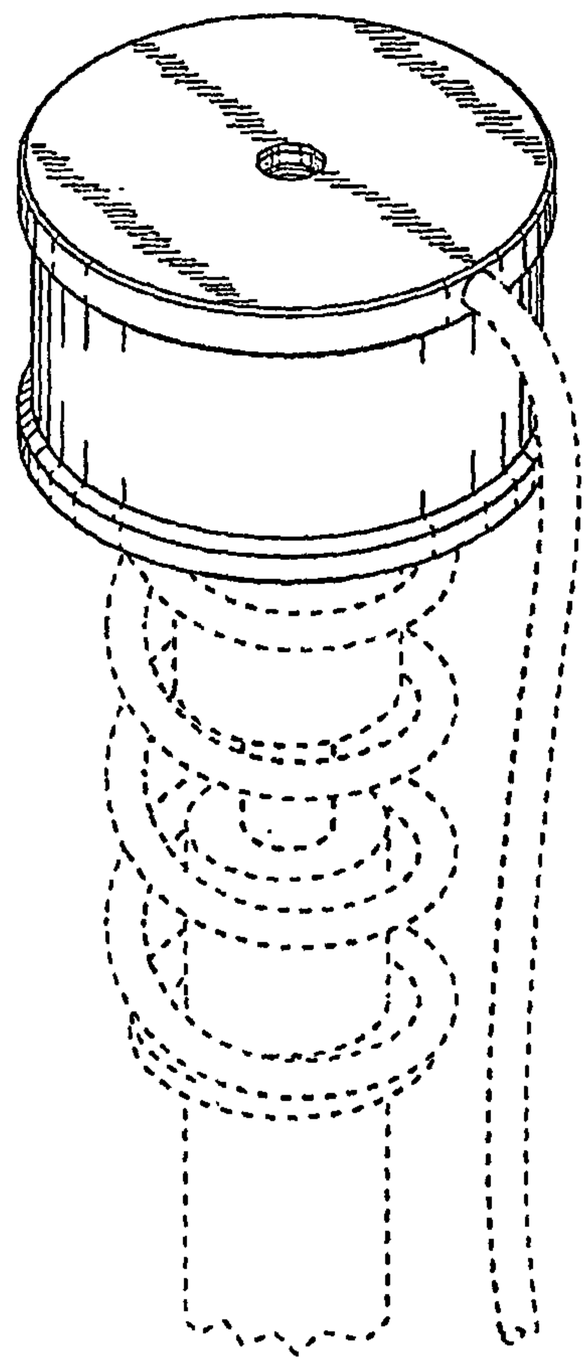

FIG. 18

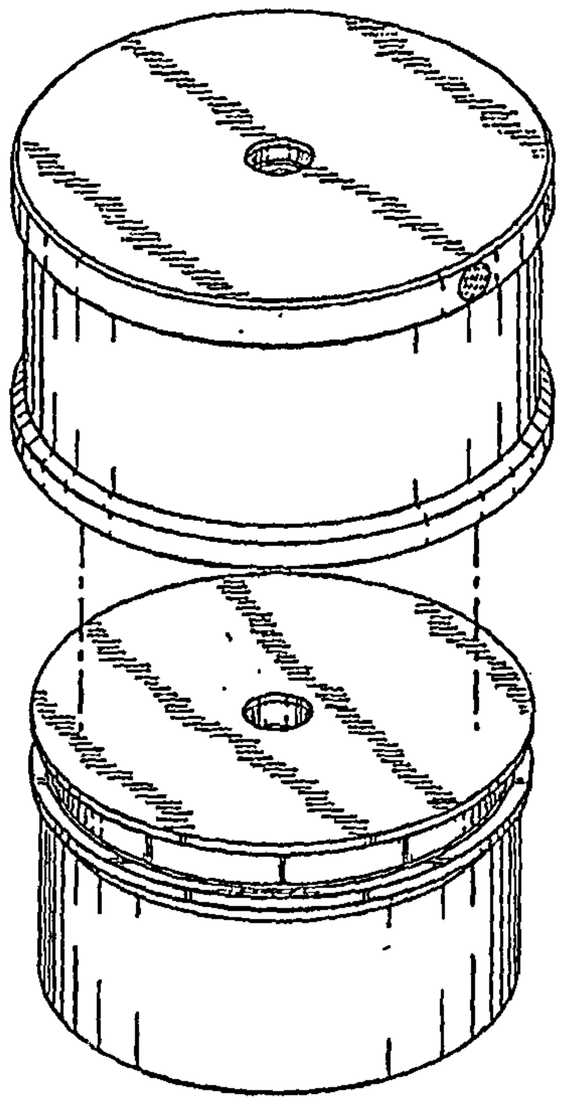

FIG. 19

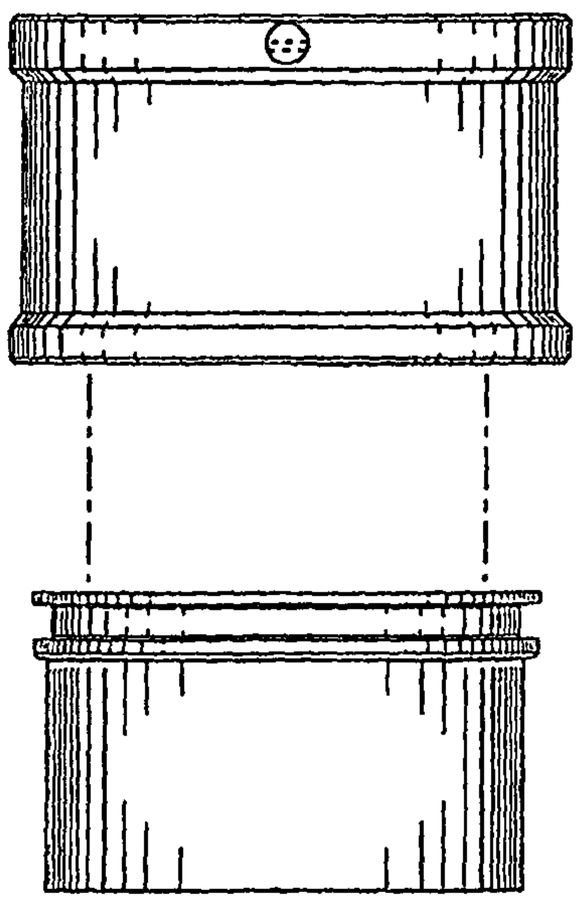

FIG. 20

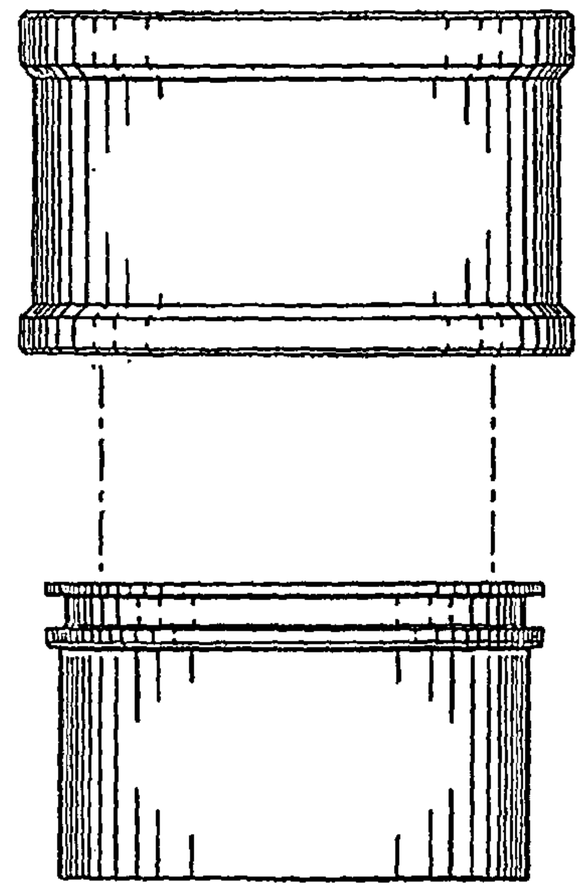

FIG. 21

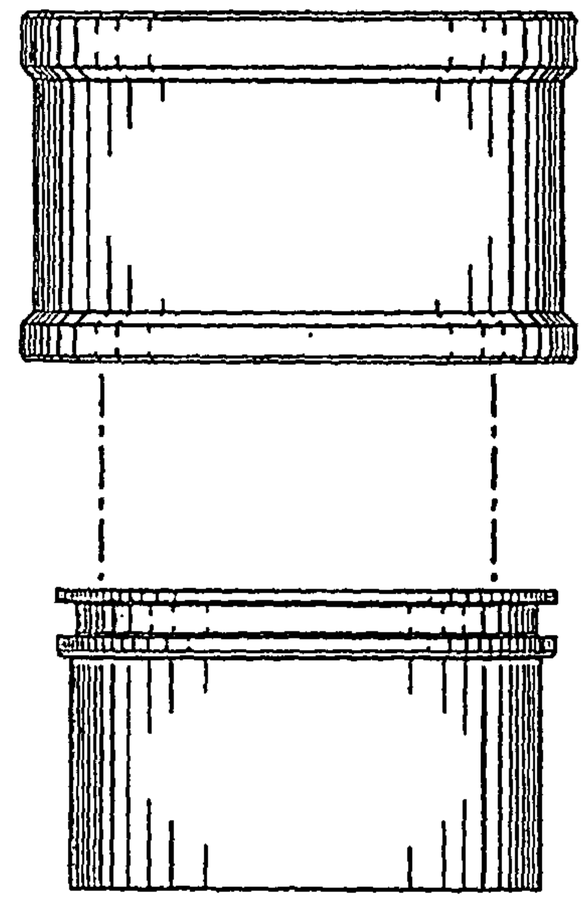

FIG. 22

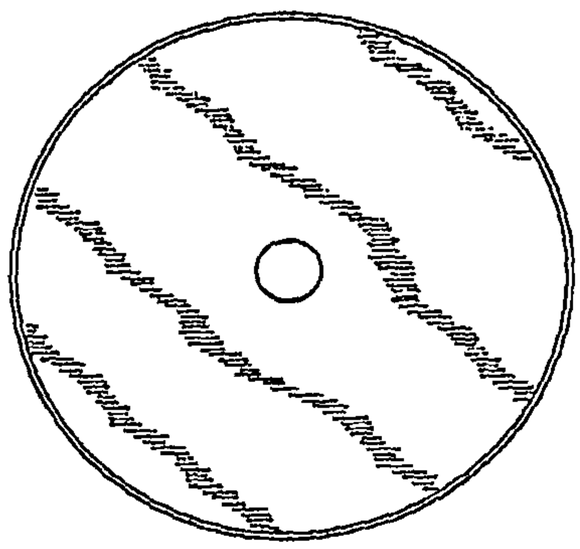

FIG. 23

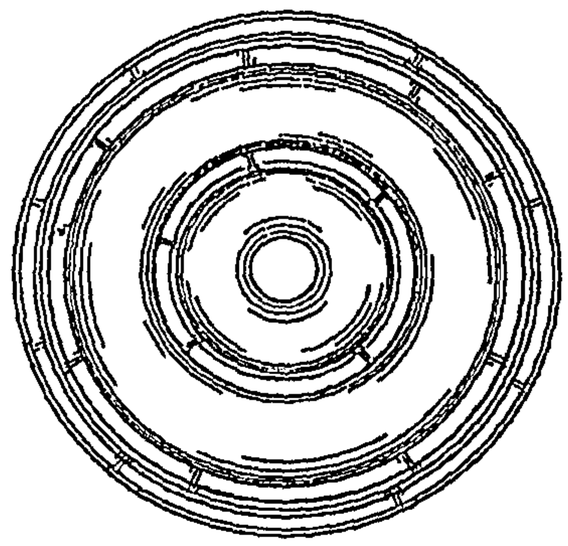

FIG. 24

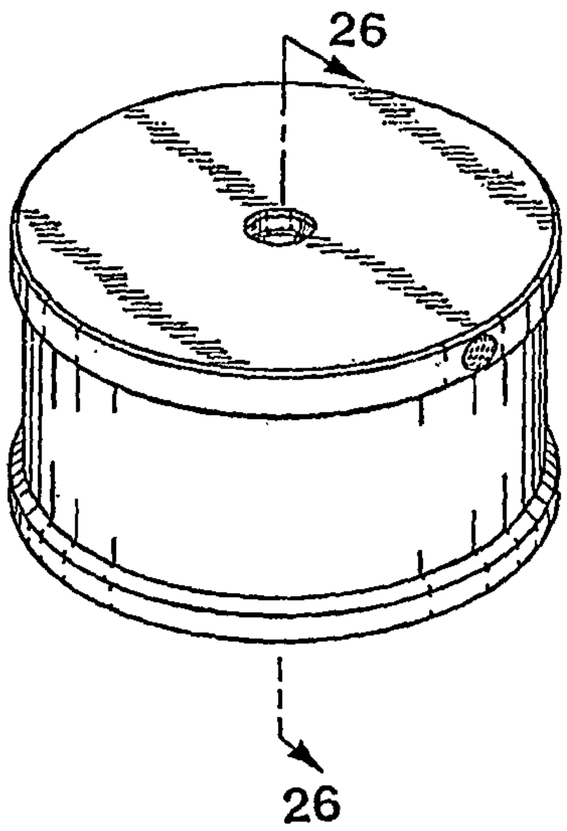

FIG. 25

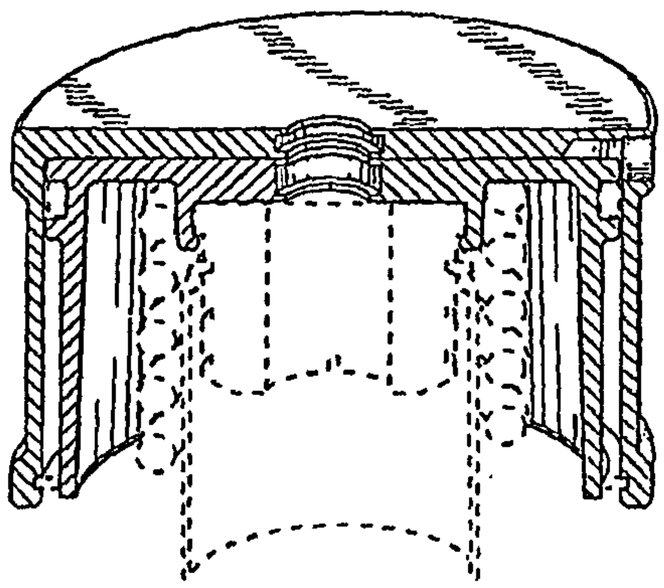

FIG. 26

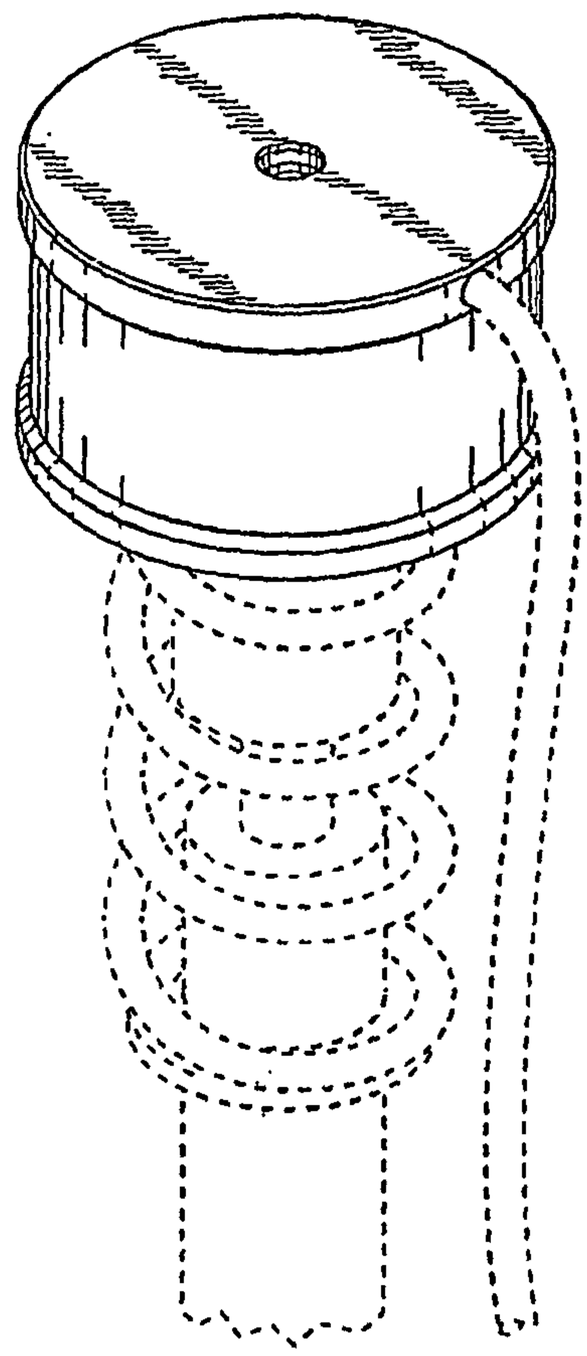

FIG. 27