

US00D599388S

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

(10) **Patent No.:** **US D599,388 S**

(45) **Date of Patent:** **** Sep. 1, 2009**

(54) **HOT RUNNER FLAT NOZZLE**

(75) Inventor: **Hans Schreck**, Burgwald-Bottendorf (DE)

(73) Assignee: **Heitec-Heisskanaltechnik GmbH**, Burgwald-Bottendorf (DE)

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

(21) Appl. No.: **29/324,717**

(22) Filed: **Sep. 18, 2008**

(51) **LOC (9) Cl.** **15-09**

(52) **U.S. Cl.** **D15/144**

(58) **Field of Classification Search** D15/144,
D15/144.1, 144.2; D23/229; 222/52, 54-55,
222/146.5, 239, 320, 325, 389, 566, 567;
239/1, 11, 29, 71, 135, 296, 423, 536, 539
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D550,261 S * 9/2007 Bondeson et al. D15/144

* cited by examiner

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Assistant Examiner—Patricia Palasik

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(57) **CLAIM**

The ornamental design for a hot runner flat nozzle, as shown and described.

DESCRIPTION

FIG. 1 is a right side perspective view of the hot runner flat nozzle incorporating my new design;

FIG. 2 is a front perspective view thereof;

FIG. 3 is a broken-away bottom perspective view thereof;

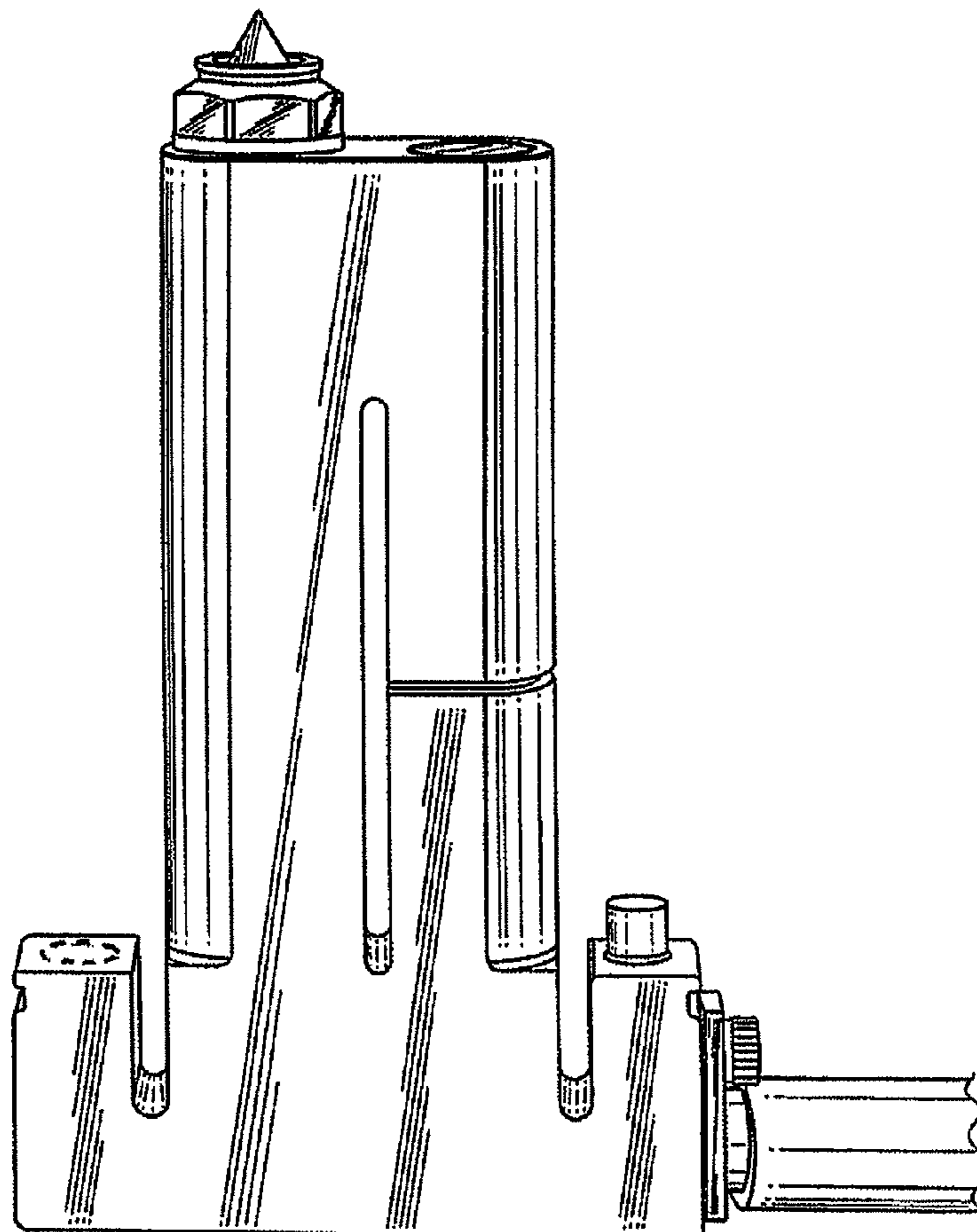
FIG. 4 is a top perspective view thereof;

FIG. 5 is a left side perspective view thereof; and,

FIG. 6 is a back perspective view thereof

The broken line showing of the hot runner flat nozzle is included for the purpose of illustrating portions of the hot runner flat nozzle and forms no part of the claimed design.

1 Claim, 6 Drawing Sheets



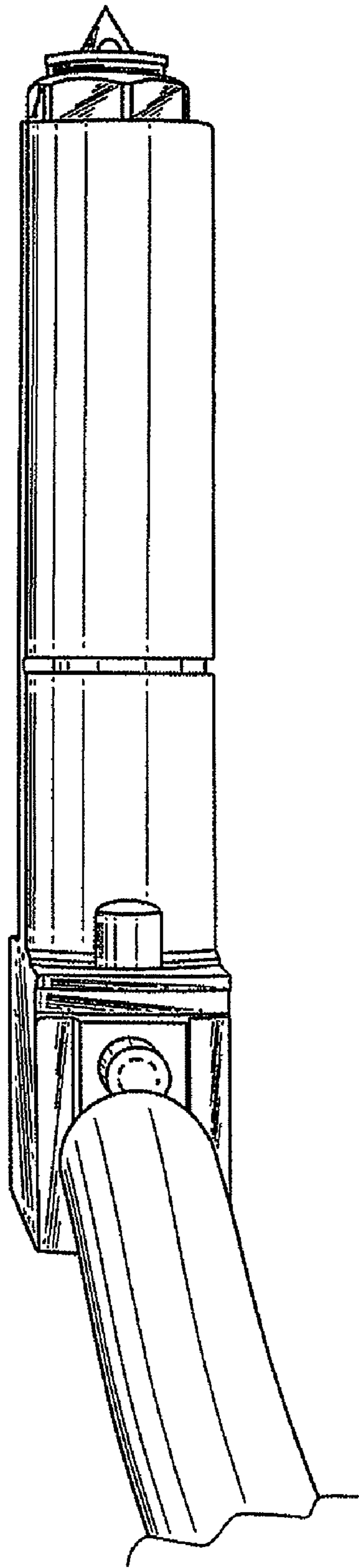


Figure 1

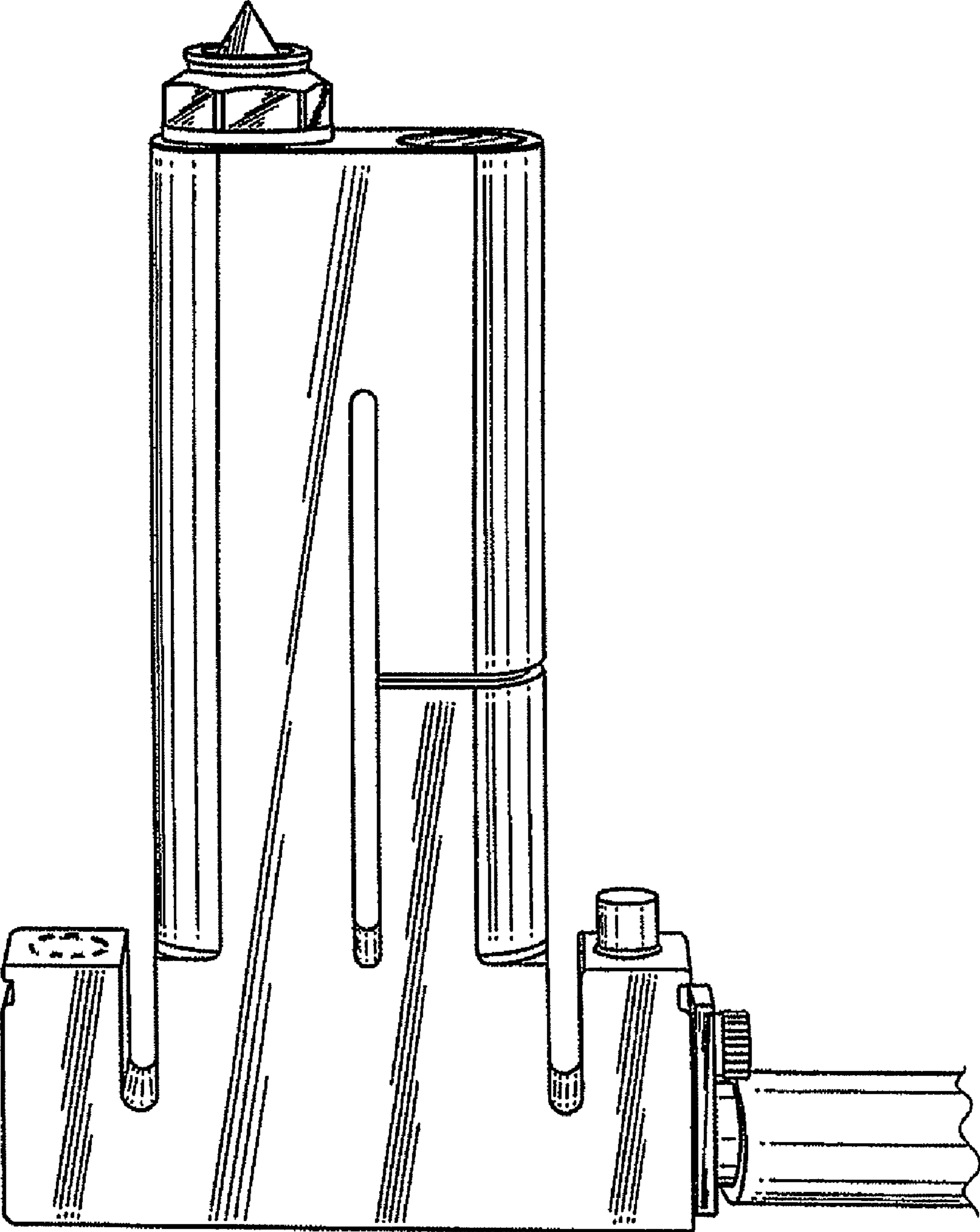


Figure 2

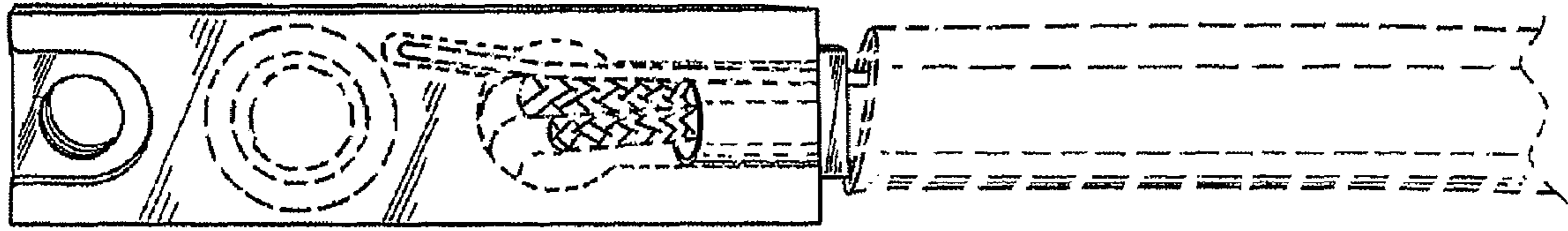


Figure 3

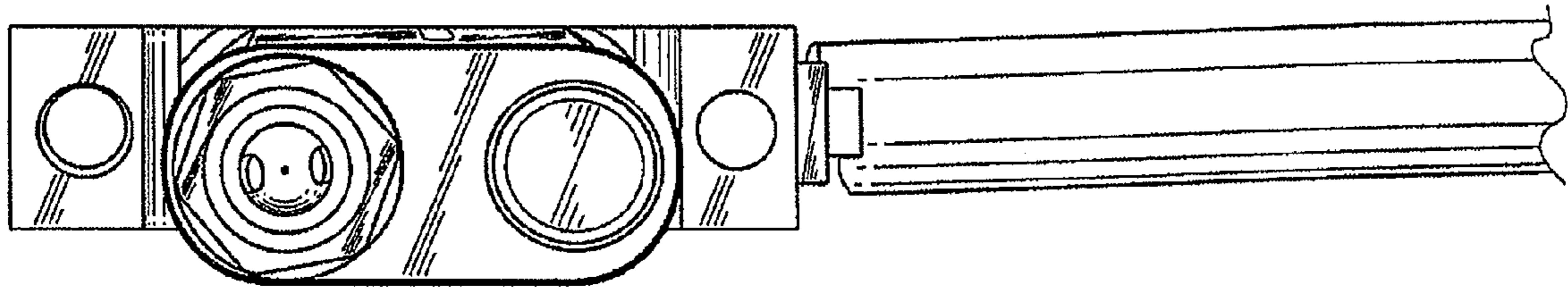


Figure 4

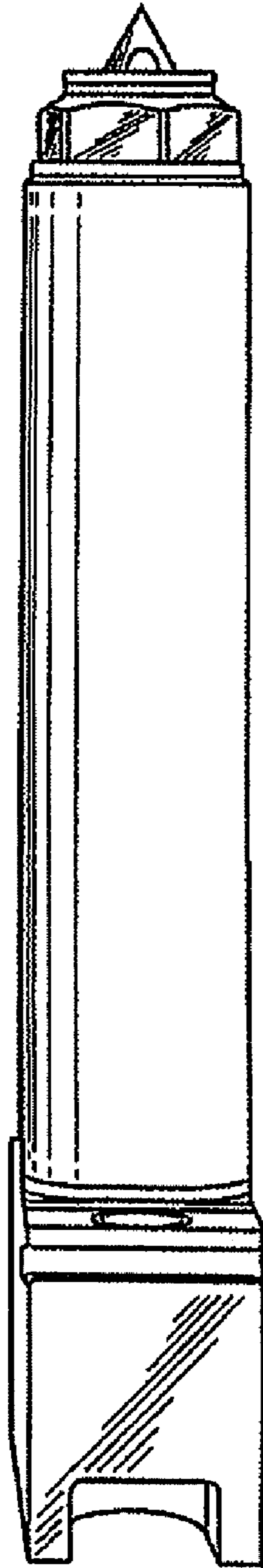


Figure 5

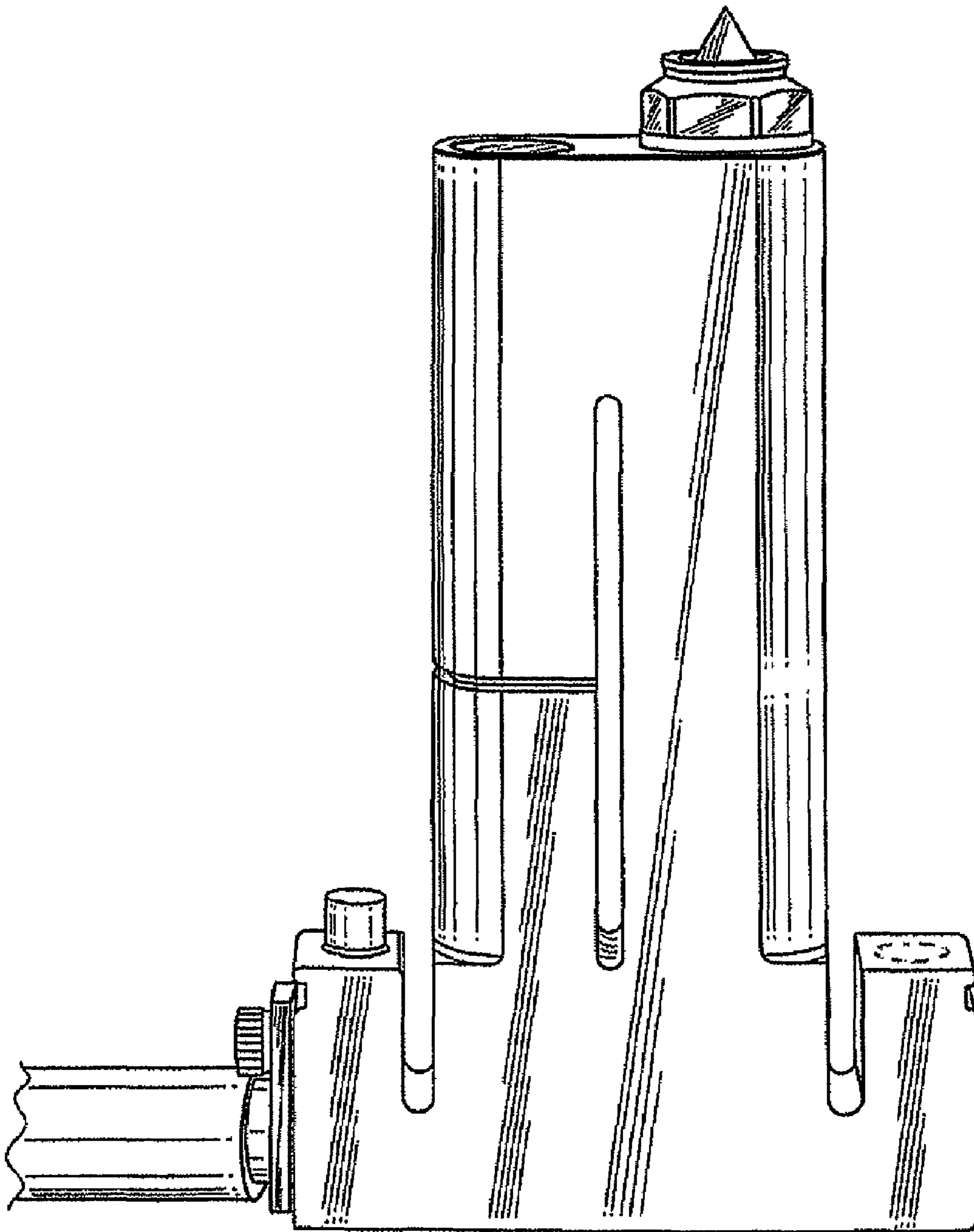


Figure 6