

United States Patent [19]

Aarthun et al.

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[45] Date of Patent: ** Dec. 24, 1991

[54] VALVE ACTUATOR

[76] Inventors: Nils I. Aarthun, Partille; Peter Lofgren, Hovås, both of Sweden

[**] Term: 14 Years

[21] Appl. No.: 447,707

[22] Filed: Dec. 8, 1989

Related U.S. Application Data

[63] Continuation of Ser. No. 921,280, Oct. 21, 1986, abandoned.

[52] U.S. Cl. D23/233

[58] Field of Search D23/233-237, D23/244-249; 137/556; 251/63.5, 331

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[57] CLAIM

The ornamental design for a valve actuator, as shown and described.

DESCRIPTION

FIG. 1 is a side elevational view of the valve actuator showing our new design, the opposite side being the same as the side shown;

FIG. 2 is another side elevational view thereof with the membrane omitted;

FIG. 3 is a side elevational view of the membrane, the other sides being the same as the side shown;

FIG. 4 is a perspective view taken from the bottom and side of FIG. 1;

FIG. 5 is a perspective view taken from the bottom and side of FIG. 2;

FIG. 6 is a perspective view taken from the top and side of FIG. 1;

FIG. 7 is a perspective view taken from the bottom and side of FIG. 3; and

FIG. 8 is a perspective view taken from the top and side of FIG. 3.

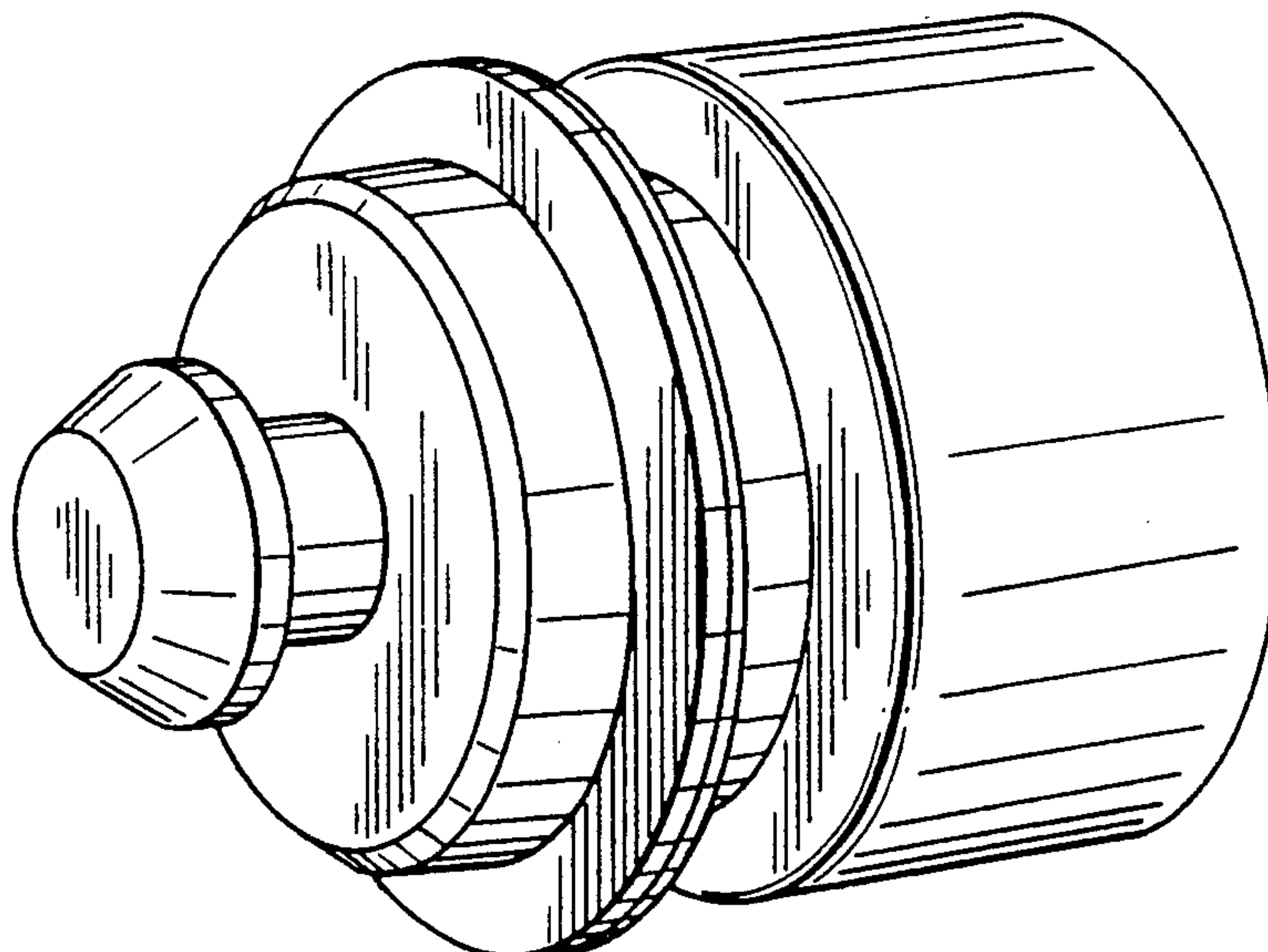


FIG. 1

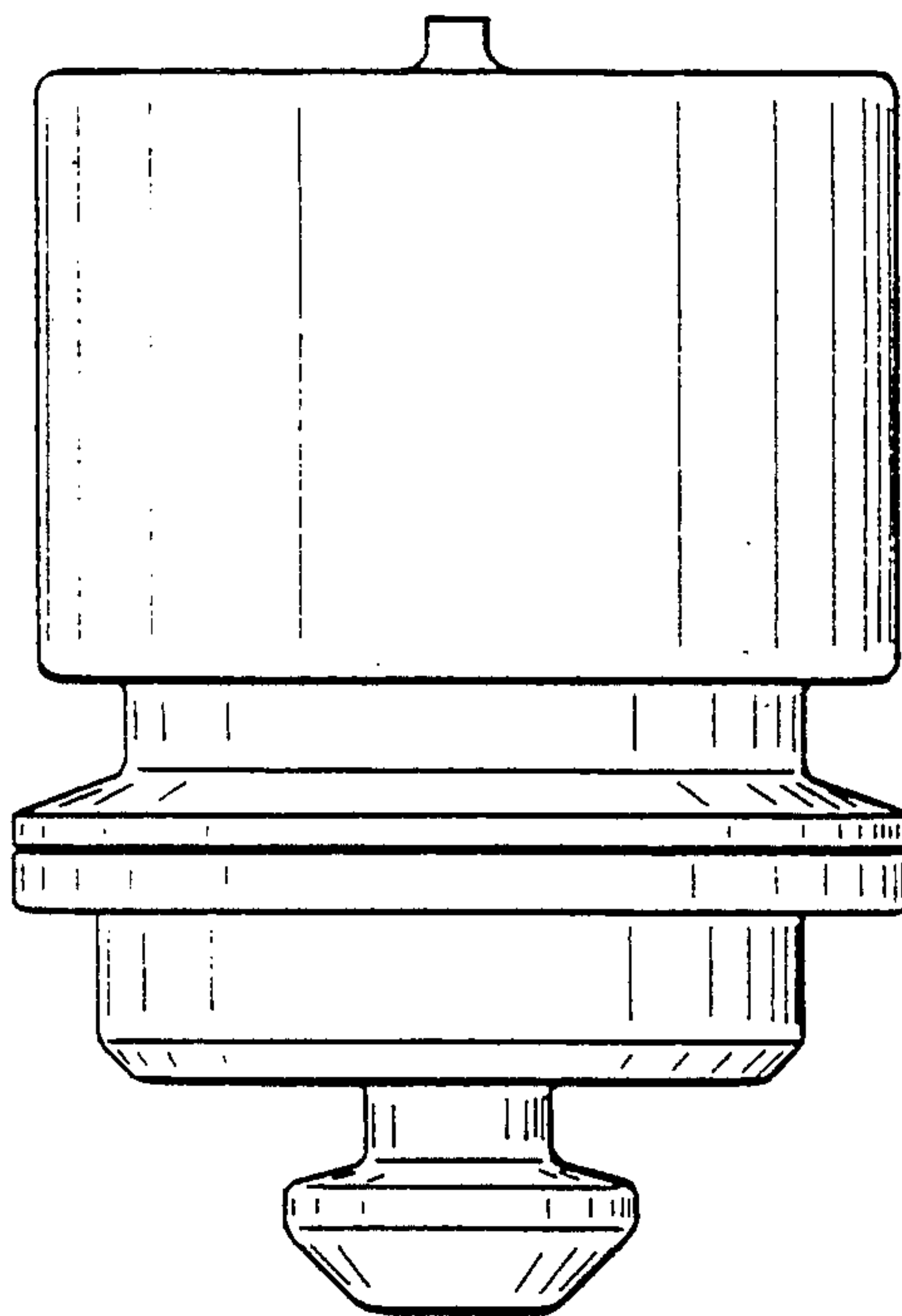


FIG. 2

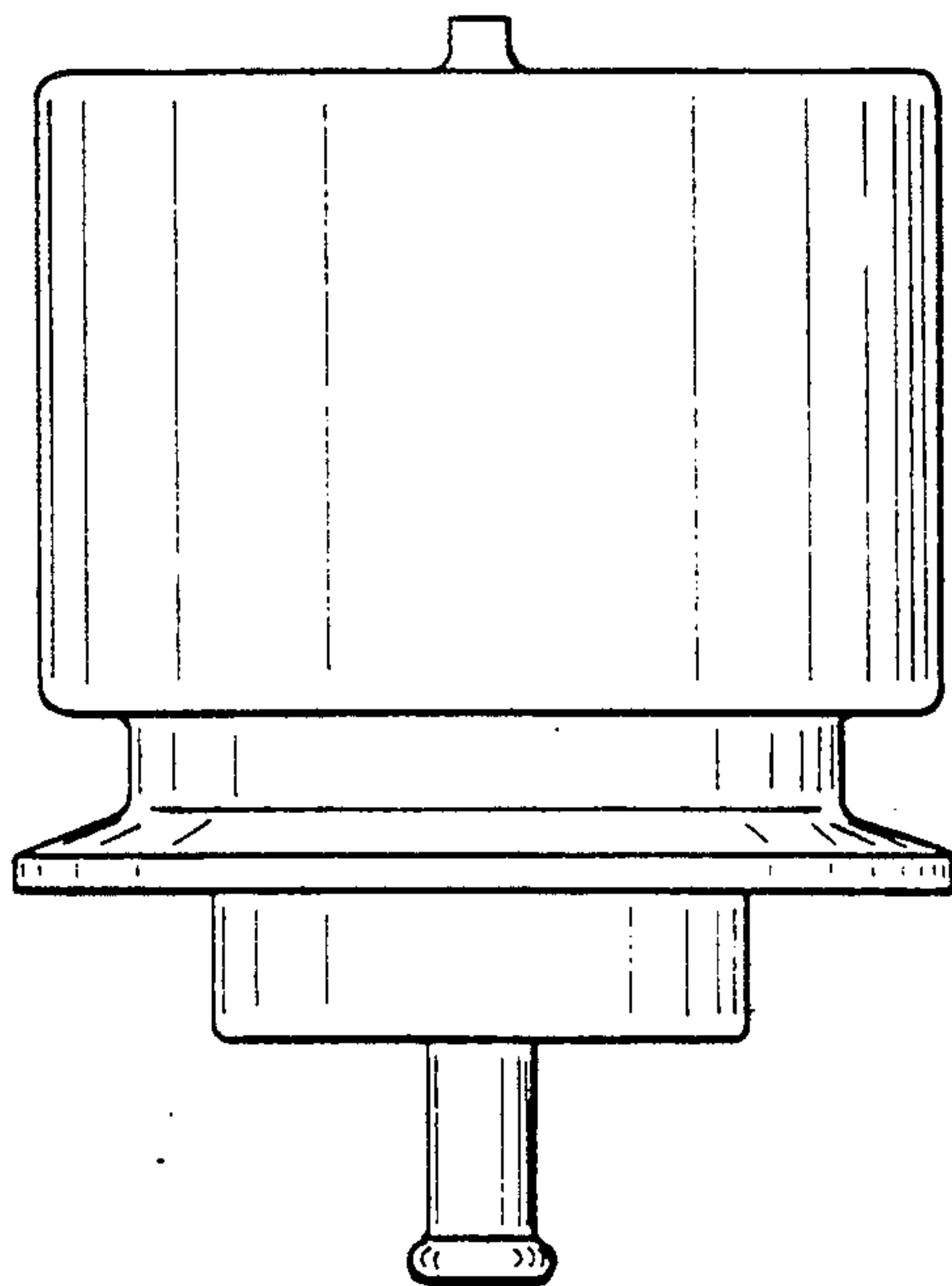
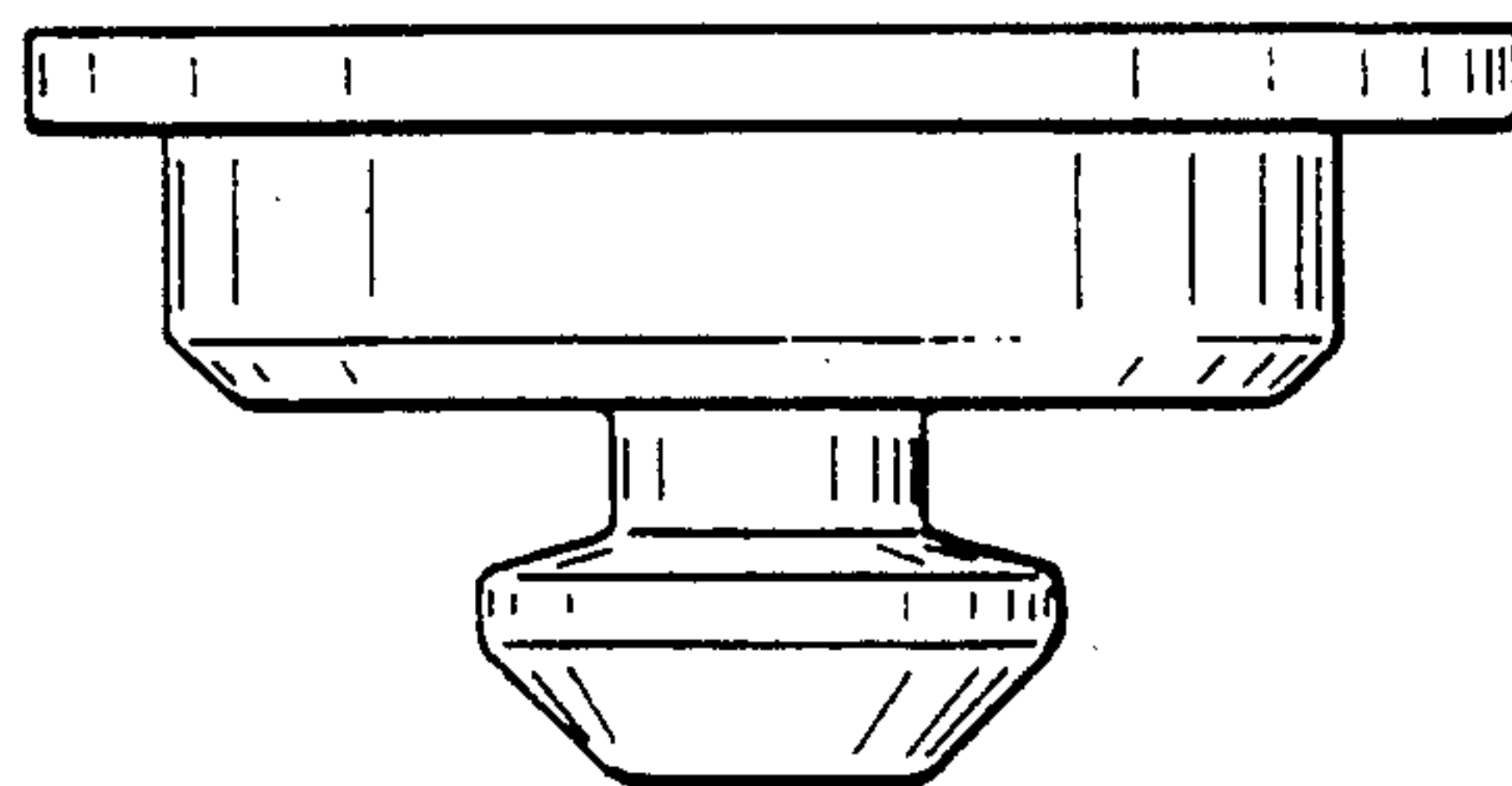


FIG. 3



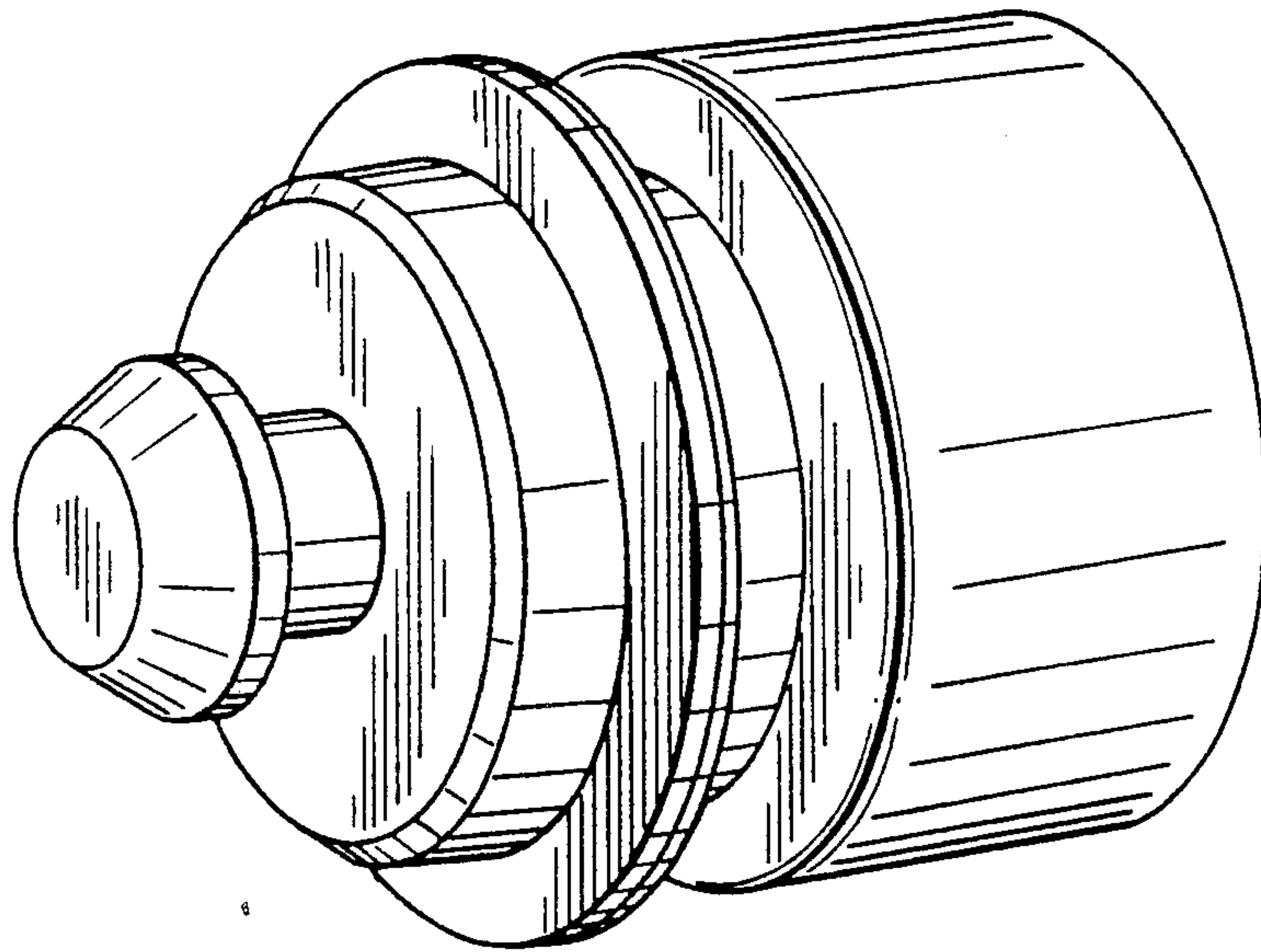


FIG. 4

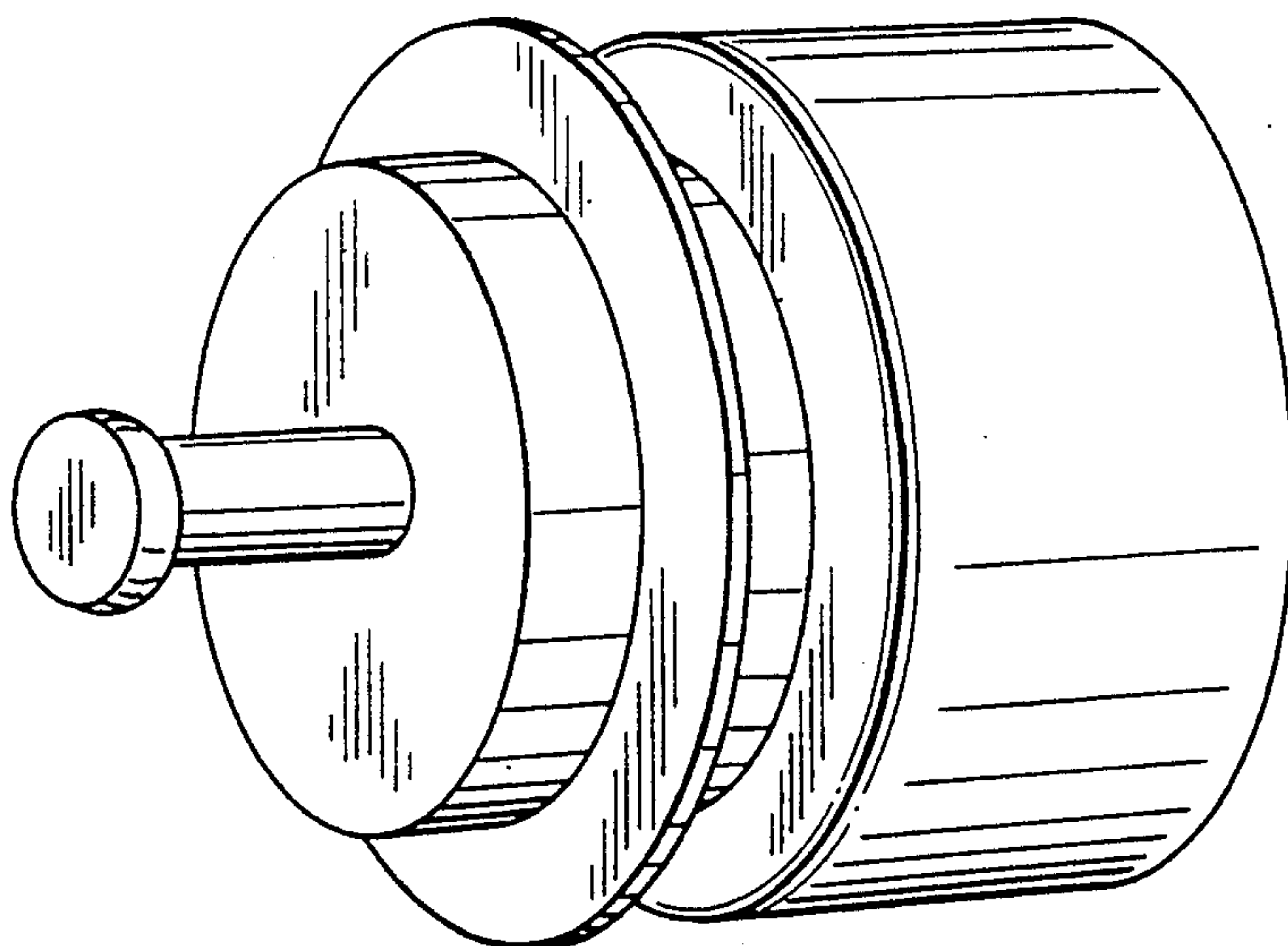


FIG. 5

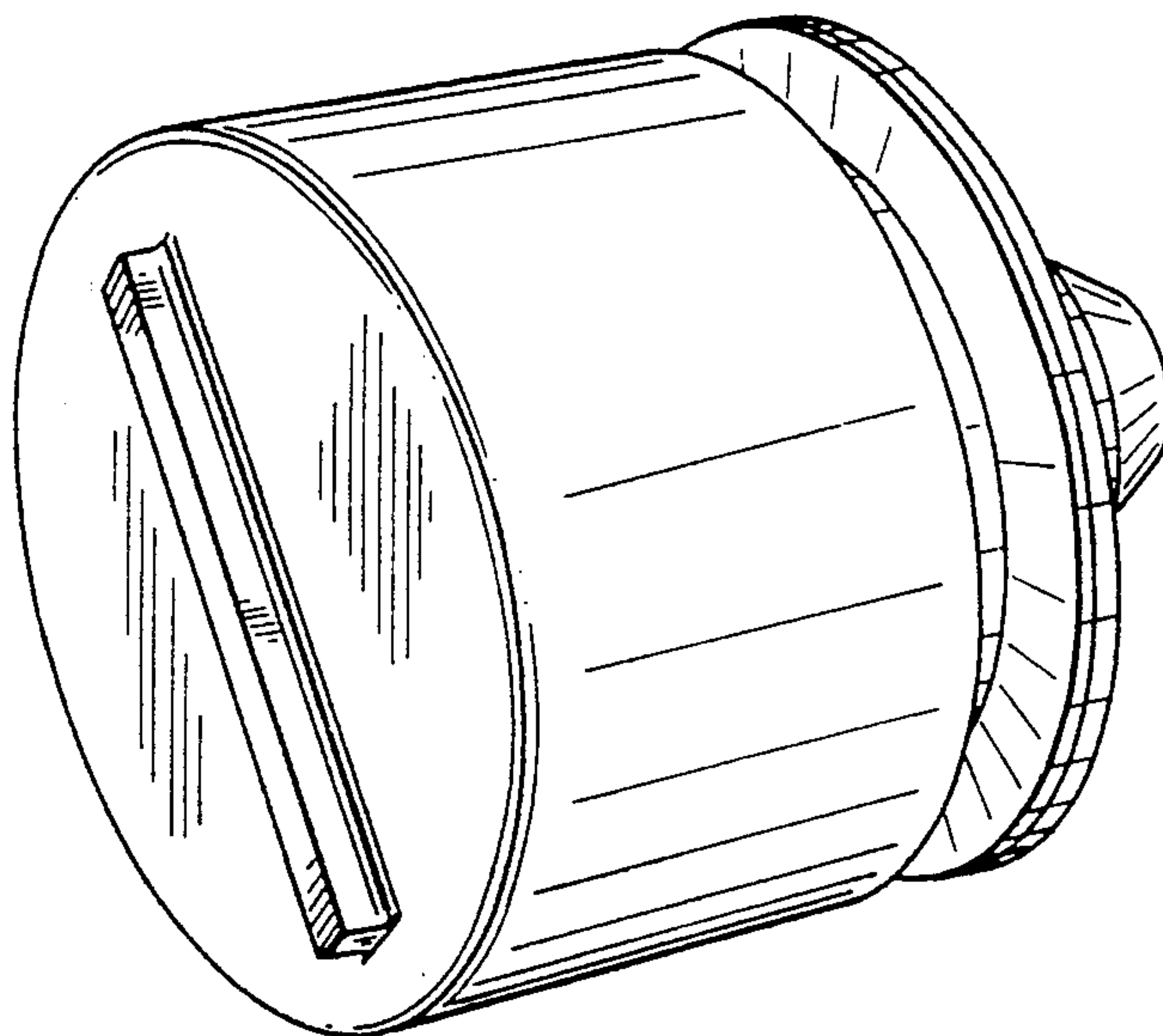


FIG. 6

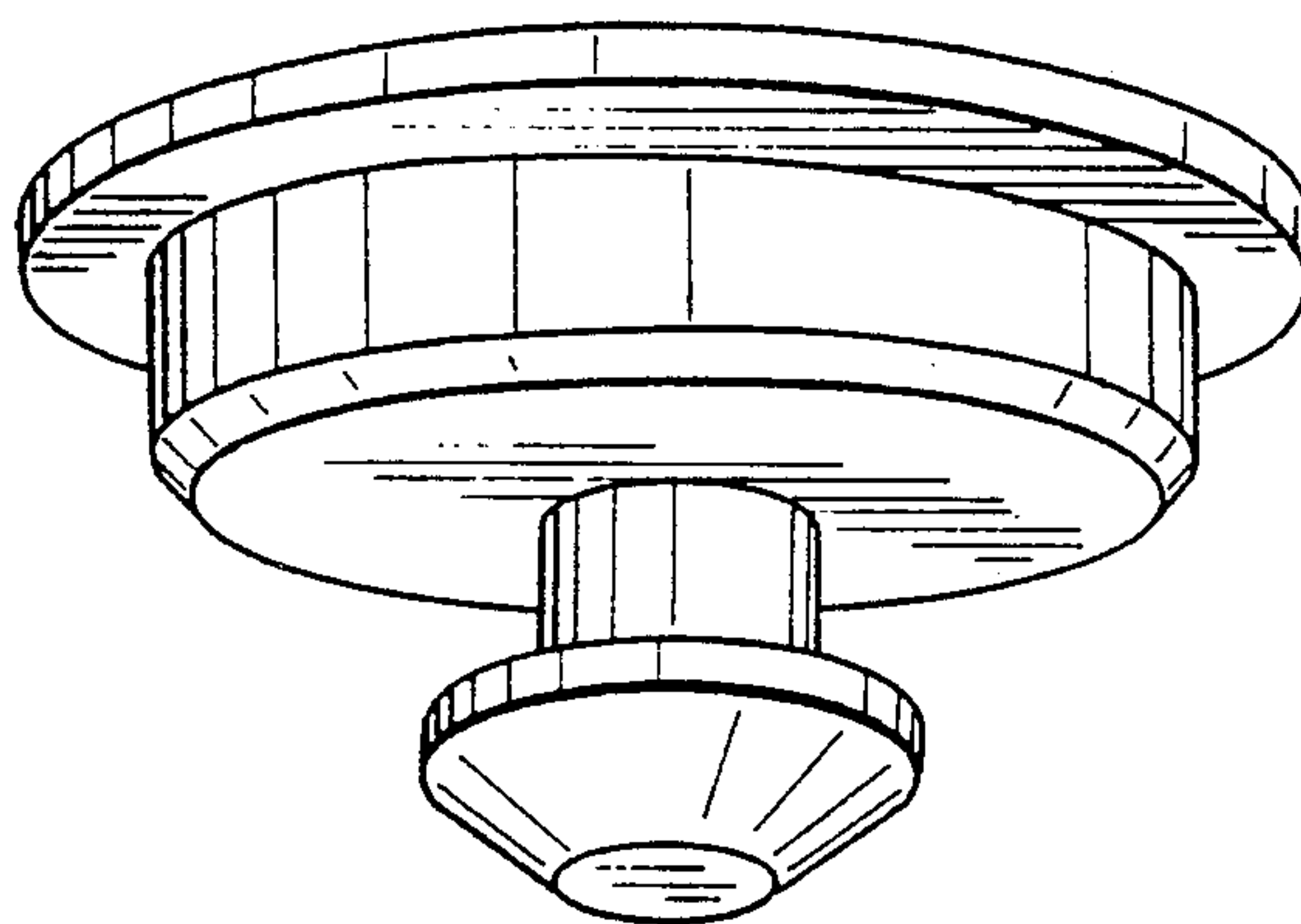


FIG. 7

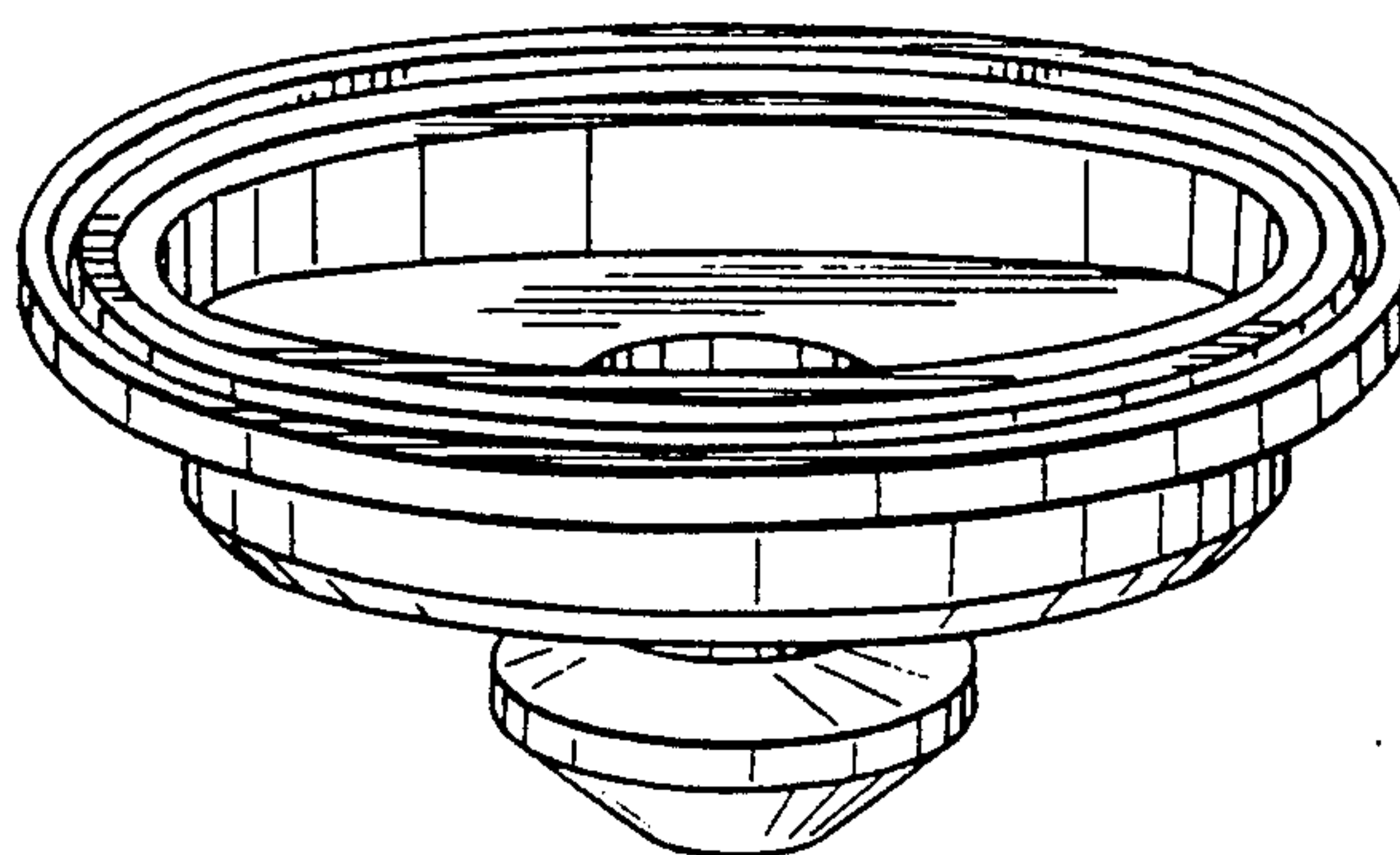


FIG. 8