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United States Patent [19]

Warren et al.

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[54] SLEEVE FOR TOOLING SYSTEM FOR MINERAL WINNING

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[73] Assignee: Hydra Tools International Limited,
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[**] Term: 14 Years

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[51] LOC (6) Cl. 15-04

[52] U.S. Cl. D15/21; D15/140; D15/139

[58] Field of Search D8/71; D15/21,
D15/28, 29, 138, 139, 140; 299/79.1, 80.1,
81.1, 81.2; 175/393

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Blackstone, Ltd.

[57] CLAIM

The ornamental design for a sleeve for tooling system for mineral winning, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a first embodiment of a sleeve for tooling system for mineral winning showing our new design;

FIG. 2 is a top plan view of the first embodiment of the sleeve for tooling system for mineral winning;

FIG. 3 is a first side elevational view of the first embodiment of the sleeve for tooling system for mineral winning;

FIG. 4 is a second side elevational view of the first embodiment of the sleeve for tooling system for mineral winning, the second side elevational view showing the first embodiment of the sleeve for tooling system for mineral winning in a position which is rotated from the position shown in FIG. 3;

FIG. 5 is a bottom plan view of the first embodiment of the sleeve for tooling system for mineral winning;

FIG. 6 is a perspective view of a second embodiment of a sleeve for tooling system for mineral winning showing my new design;

FIG. 7 is a top plan view of the second embodiment of the sleeve for tooling system for mineral winning;

FIG. 8 is a first side elevational view of the second embodiment of the sleeve for tooling system for mineral winning;

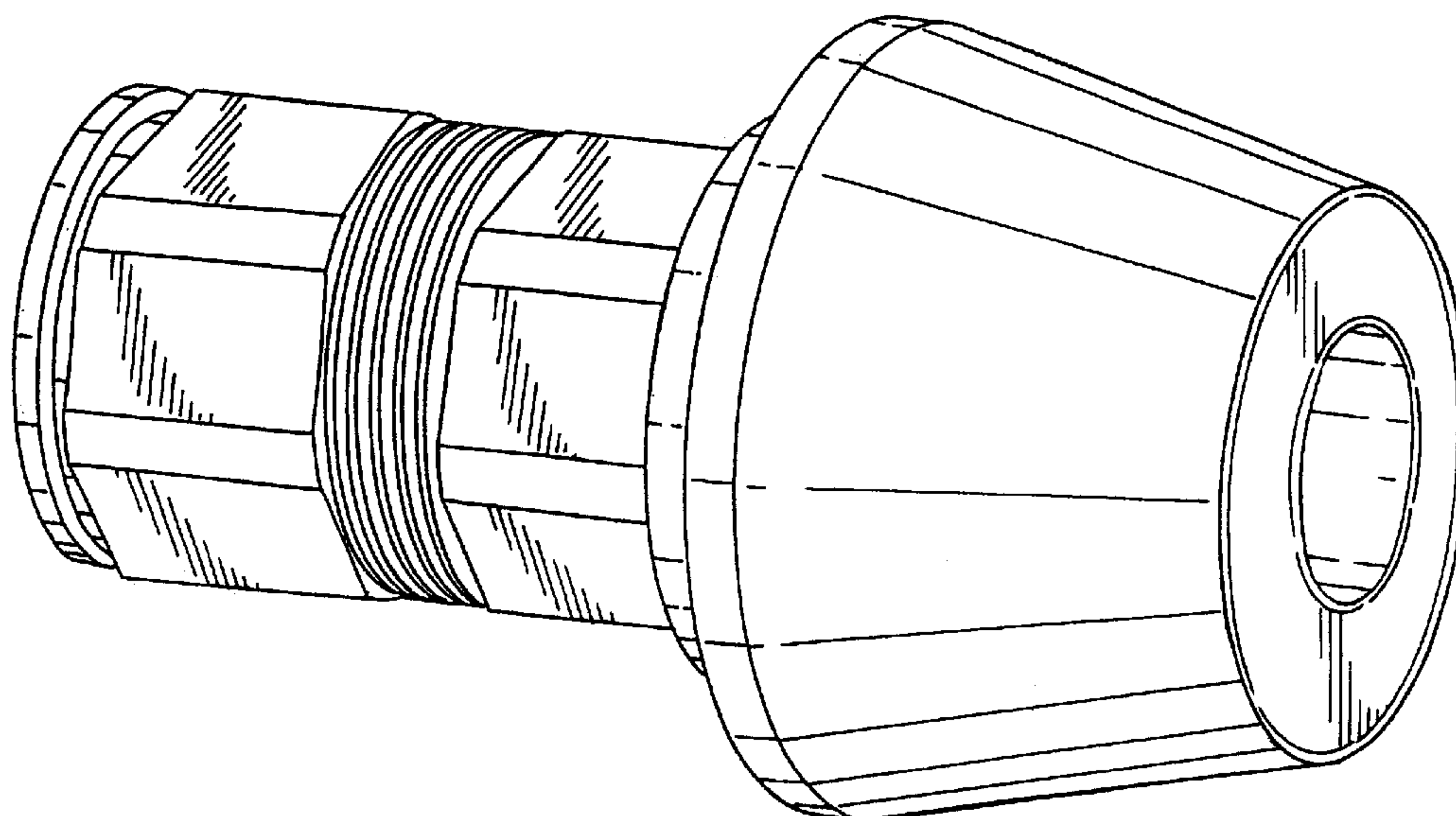
FIG. 9 is a second side elevational view of the second embodiment of the sleeve for tooling system for mineral winning, the second side elevational view showing the second embodiment of the sleeve for tooling system for mineral winning in a position which is rotated from the position shown in FIG. 8; and,

FIG. 10 is a bottom plan view of the second embodiment of the sleeve for tooling system for mineral winning.

It is to be understood that the other side elevational views of the first embodiment would be the same that shown in FIGS. 3 and 4.

It is also to be understood that the other side elevational views of the second embodiment would be the same that shown in FIGS. 8 and 9.

1 Claim, 5 Drawing Sheets



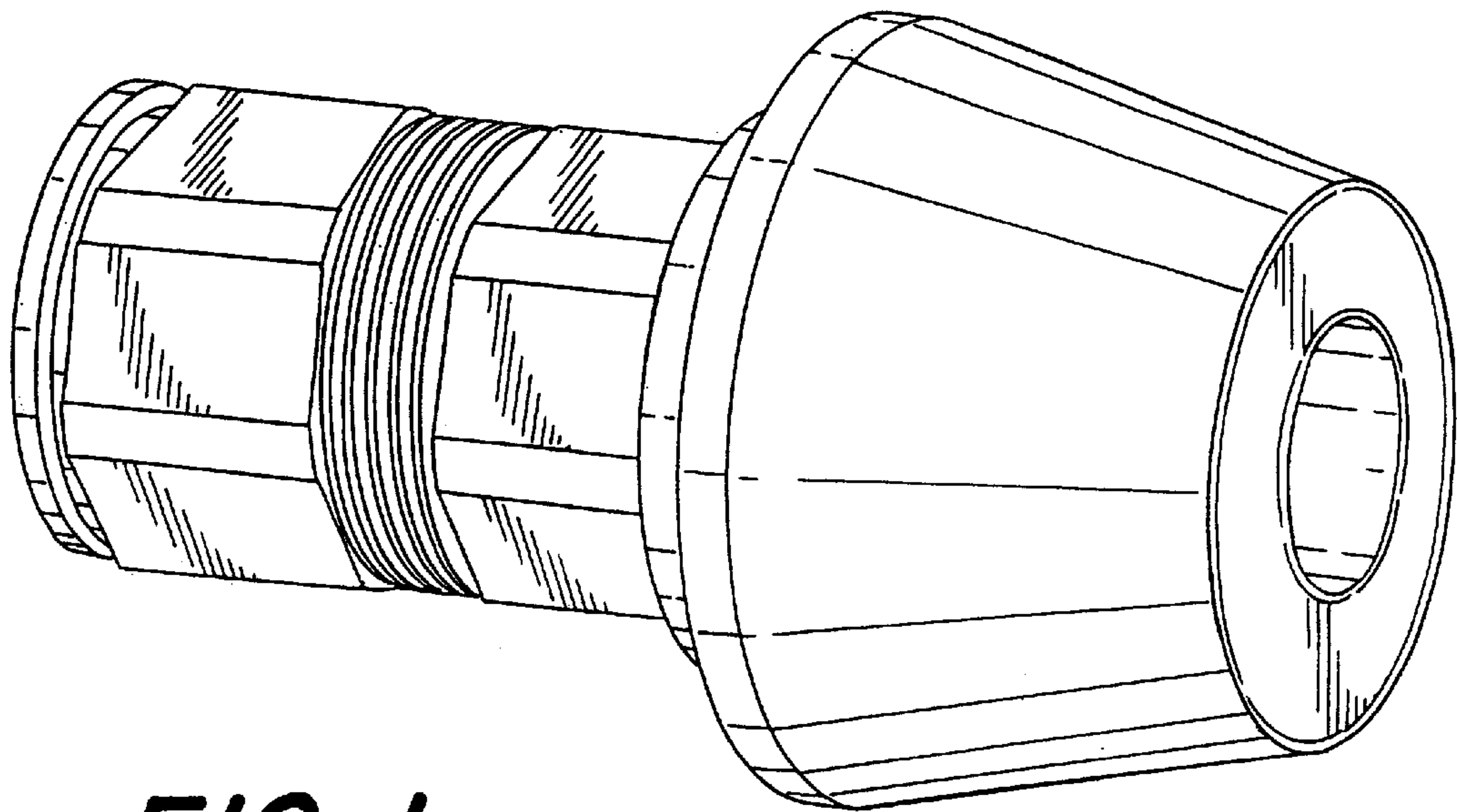


FIG. 1

FIG. 6

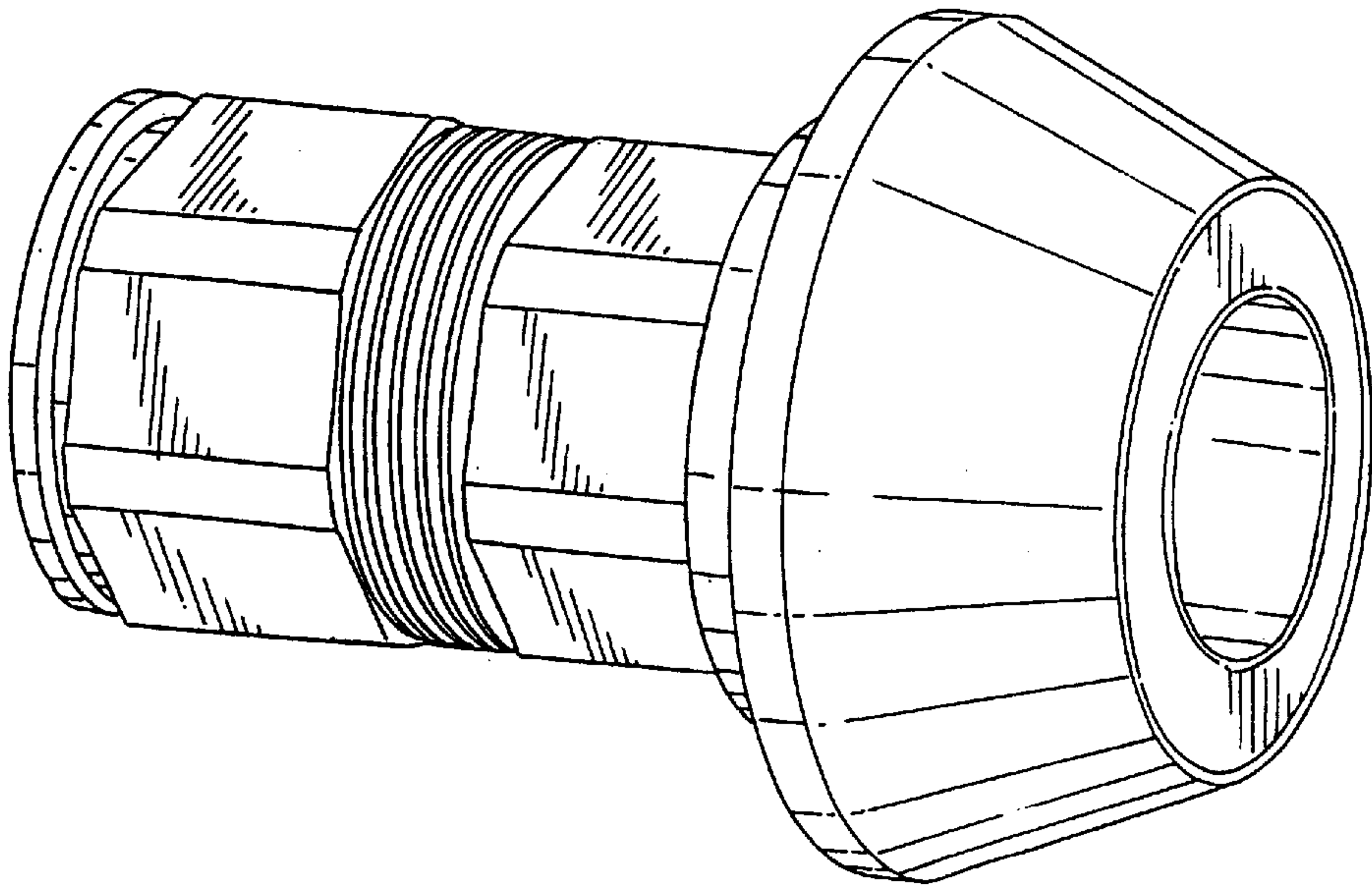


FIG. 2

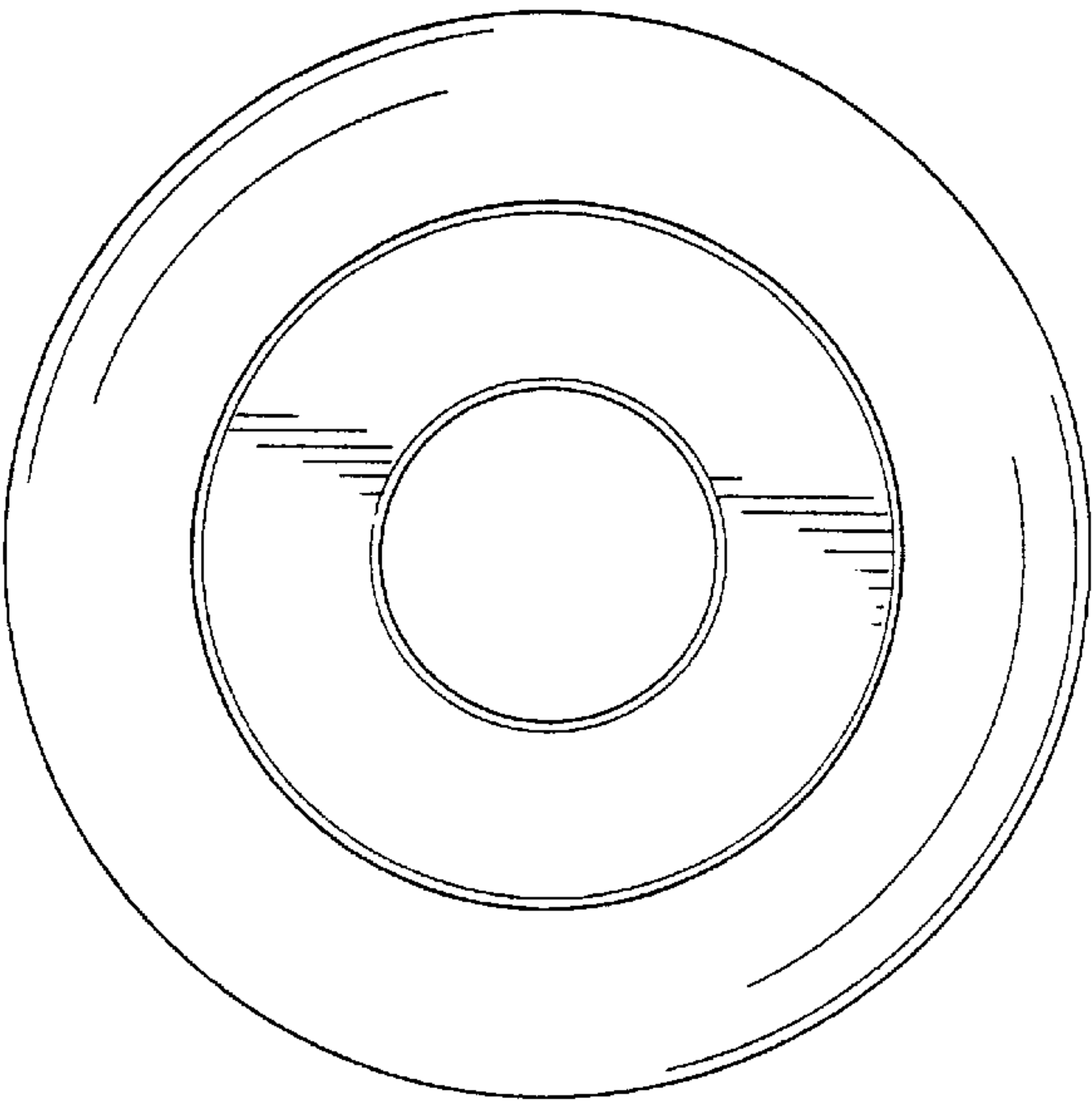


FIG. 3

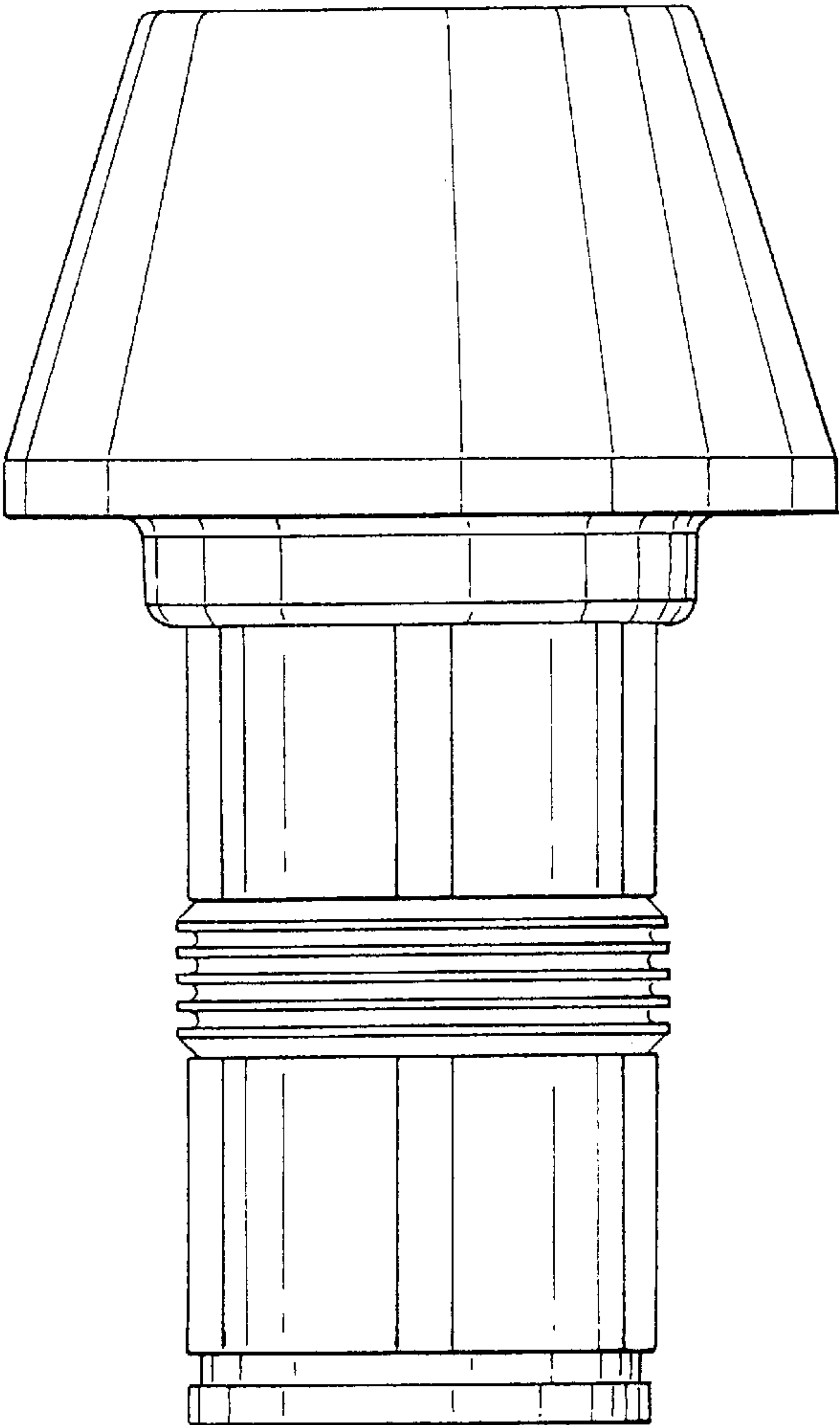


FIG. 4

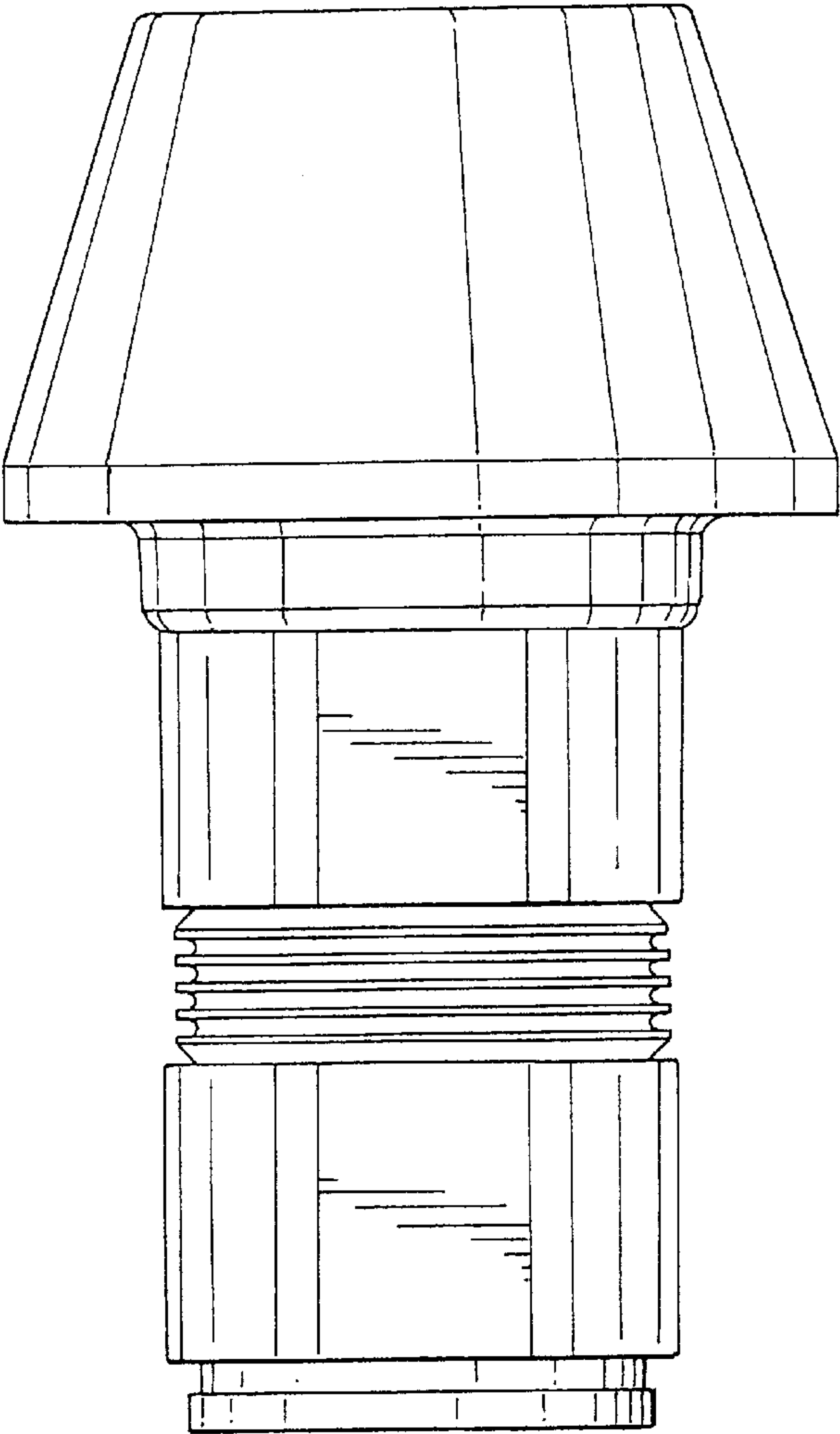


FIG. 5

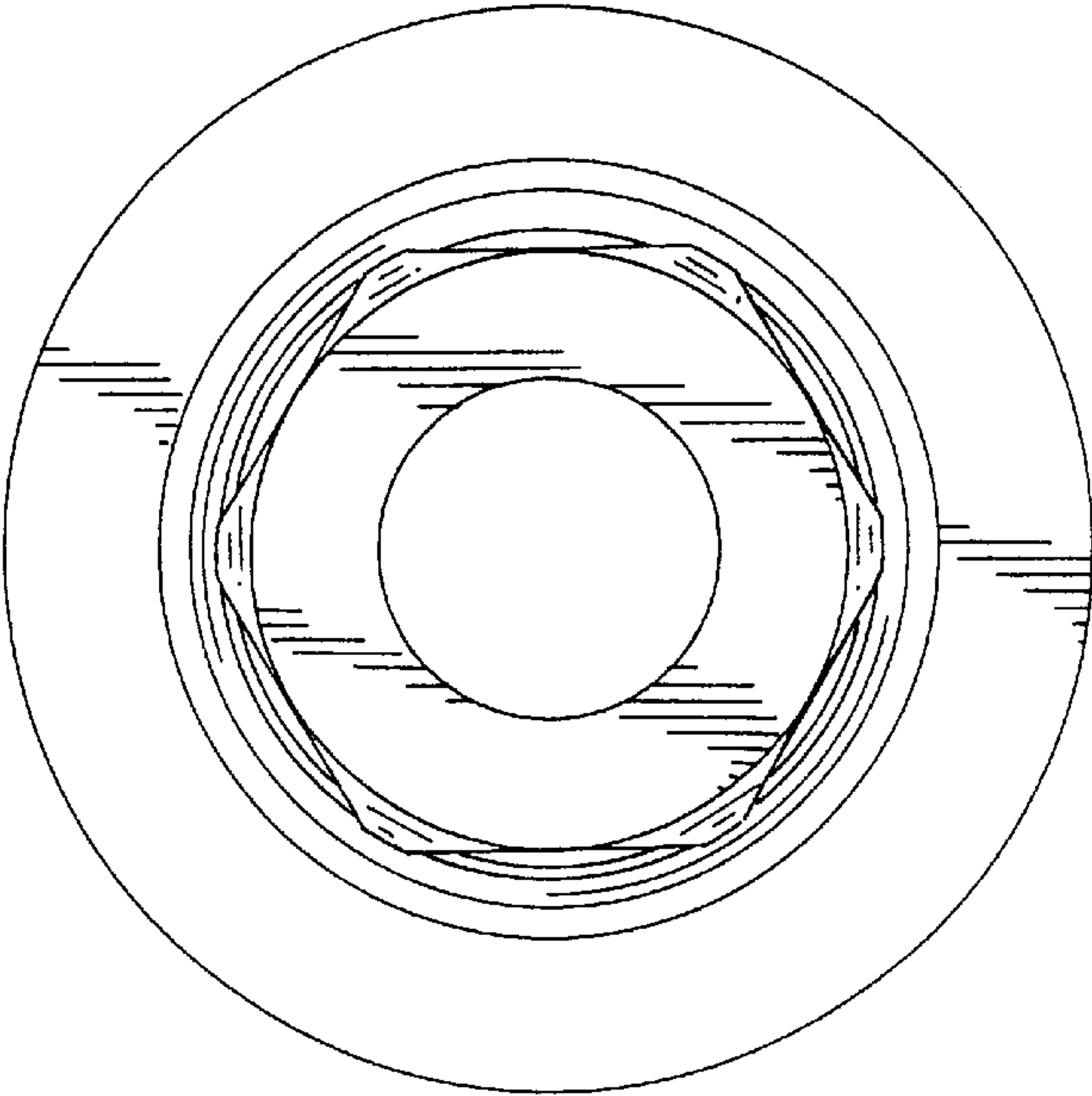


FIG. 7

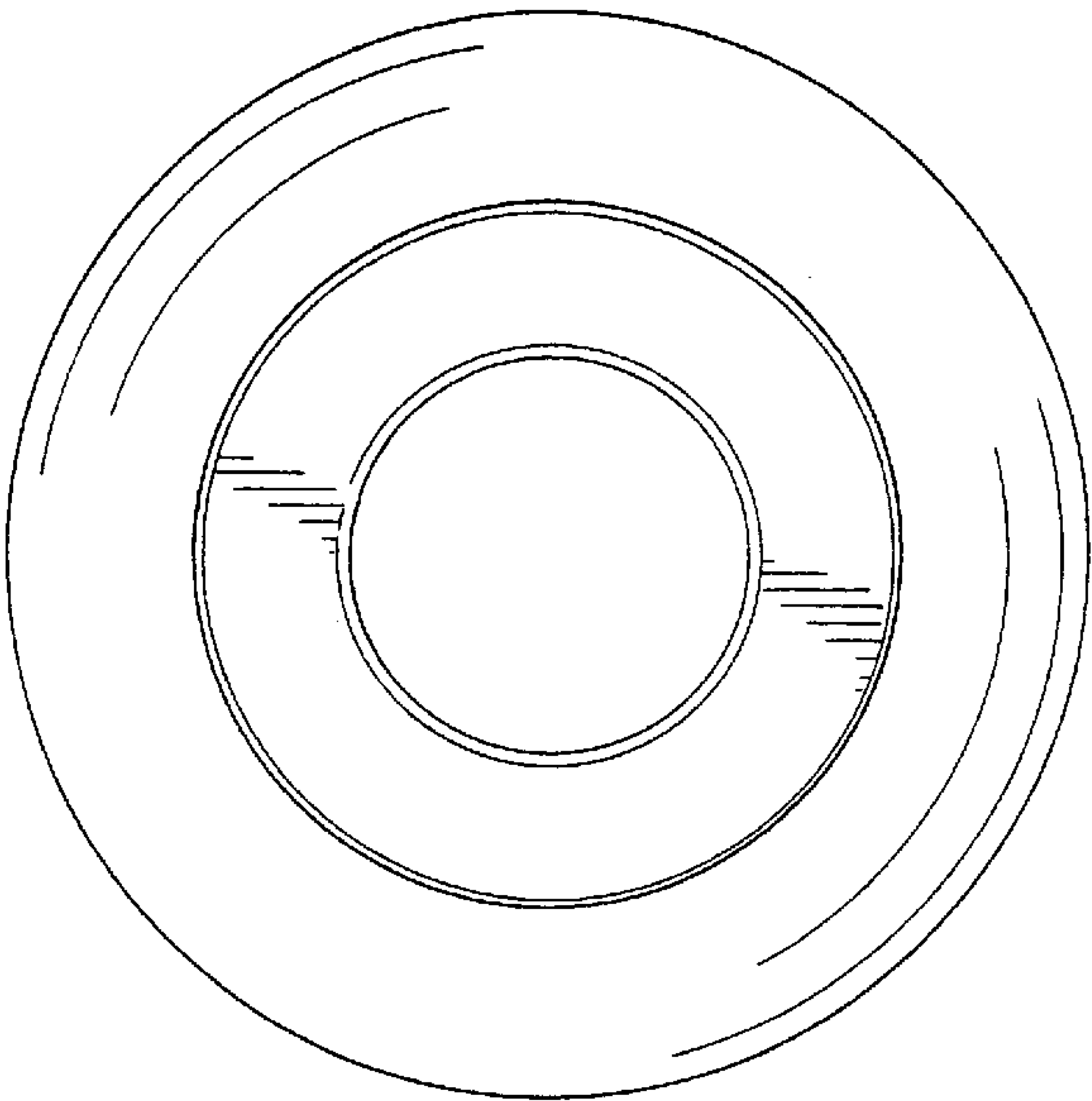


FIG. 8

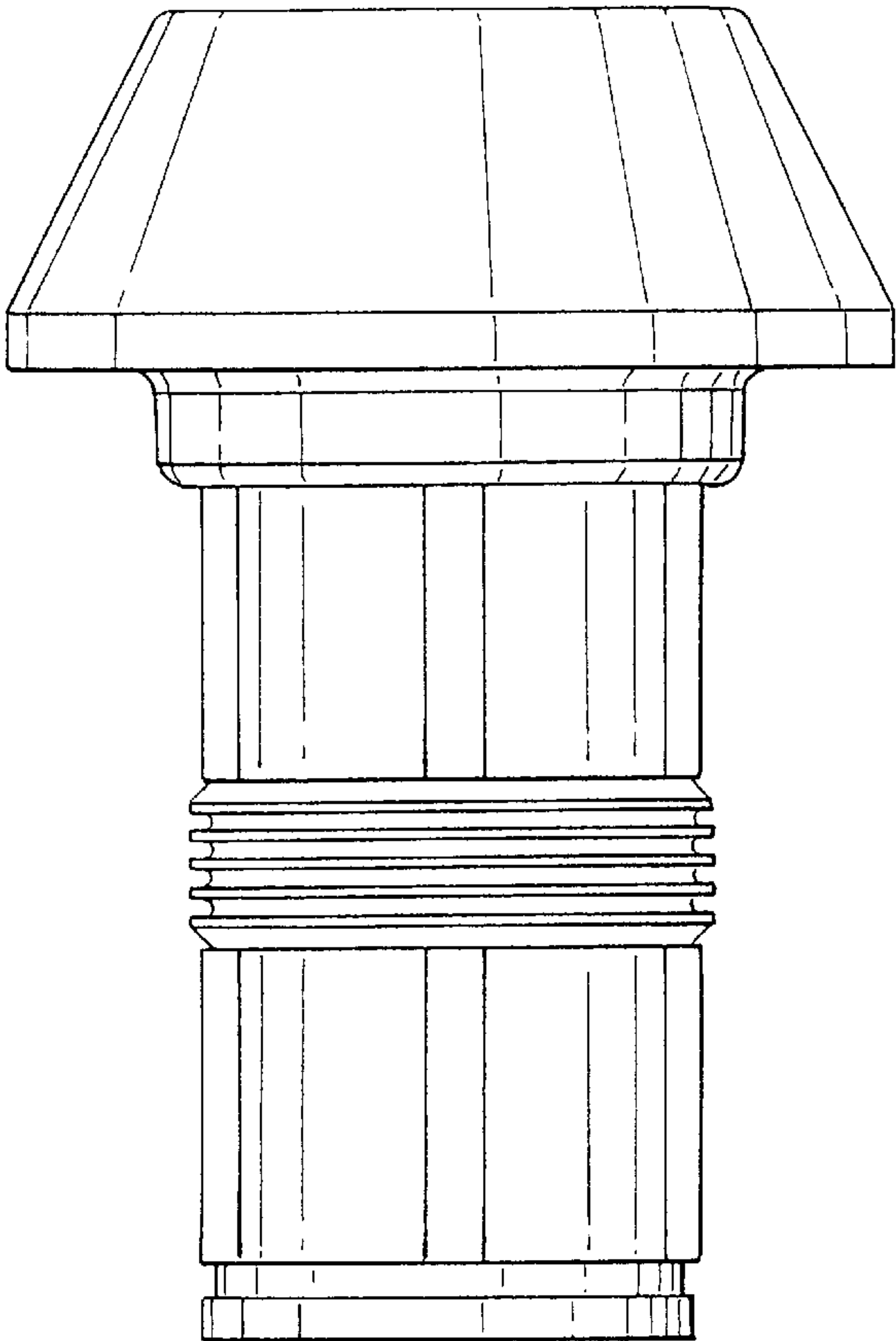


FIG. 9

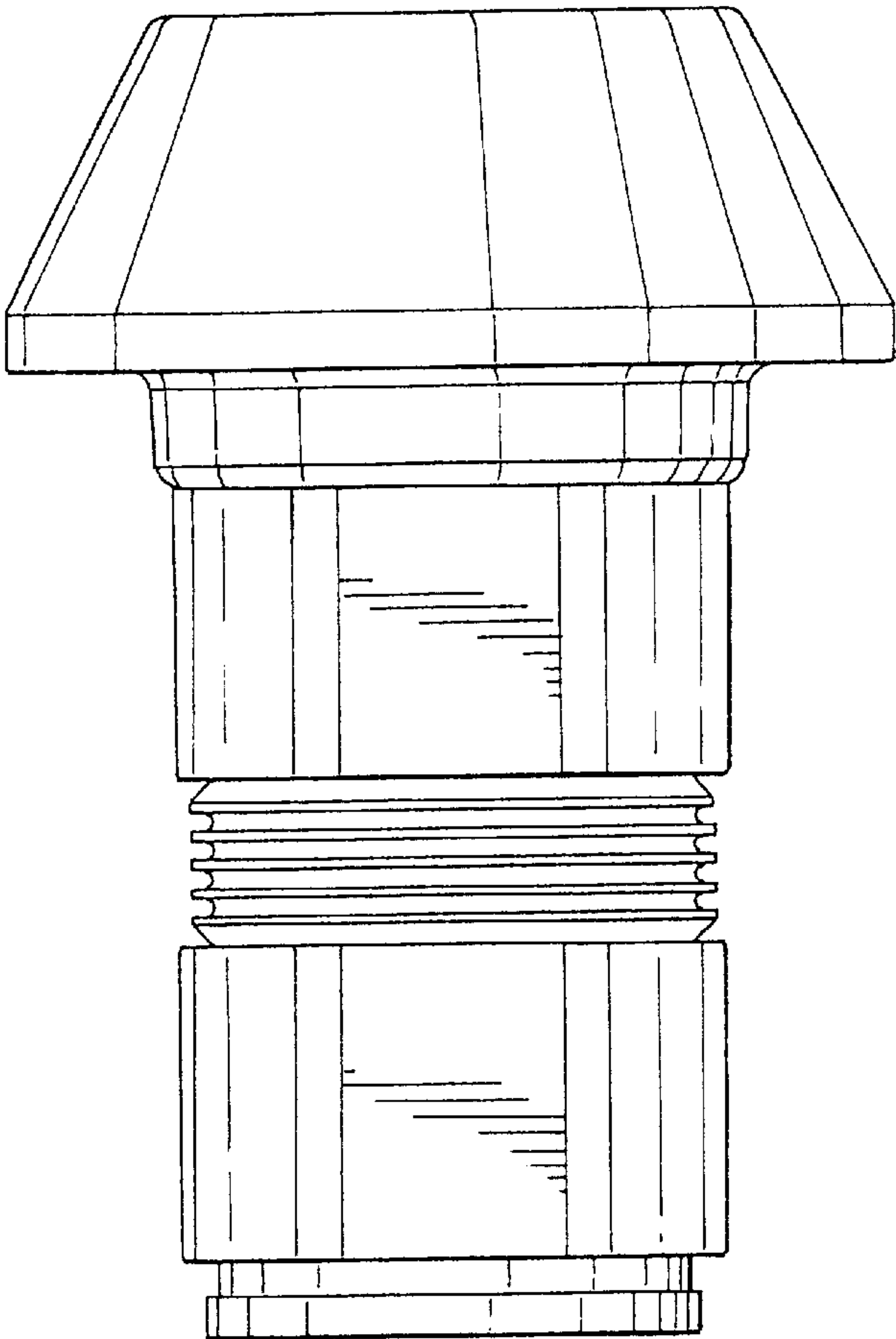


FIG. 10

