



US00D420013S

United States Patent [19]

[11] Patent Number: Des. 420,013

Warren et al.

[45] Date of Patent: ** *Feb. 1, 2000

[54] **SLEEVE FOR TOOLING SYSTEM FOR MINERAL WINNING**

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William Stephen Clapham, Barnsley,
both of United Kingdom

[73] Assignee: **Hydra Tools International Limited**,
Ecclesfield, United Kingdom

[*] Notice: This patent is subject to a terminal disclaimer.

[**] Term: **14 Years**

[21] Appl. No.: **29/093,200**

[22] Filed: **Sep. 4, 1998**

[51] **LOC (7) Cl.** **15-04**

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

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

[56] **References Cited**

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Primary Examiner—Sandra L. Morris

Attorney, Agent, or Firm—Trexler, Bushnell, Giangiorgi & 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 our 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;

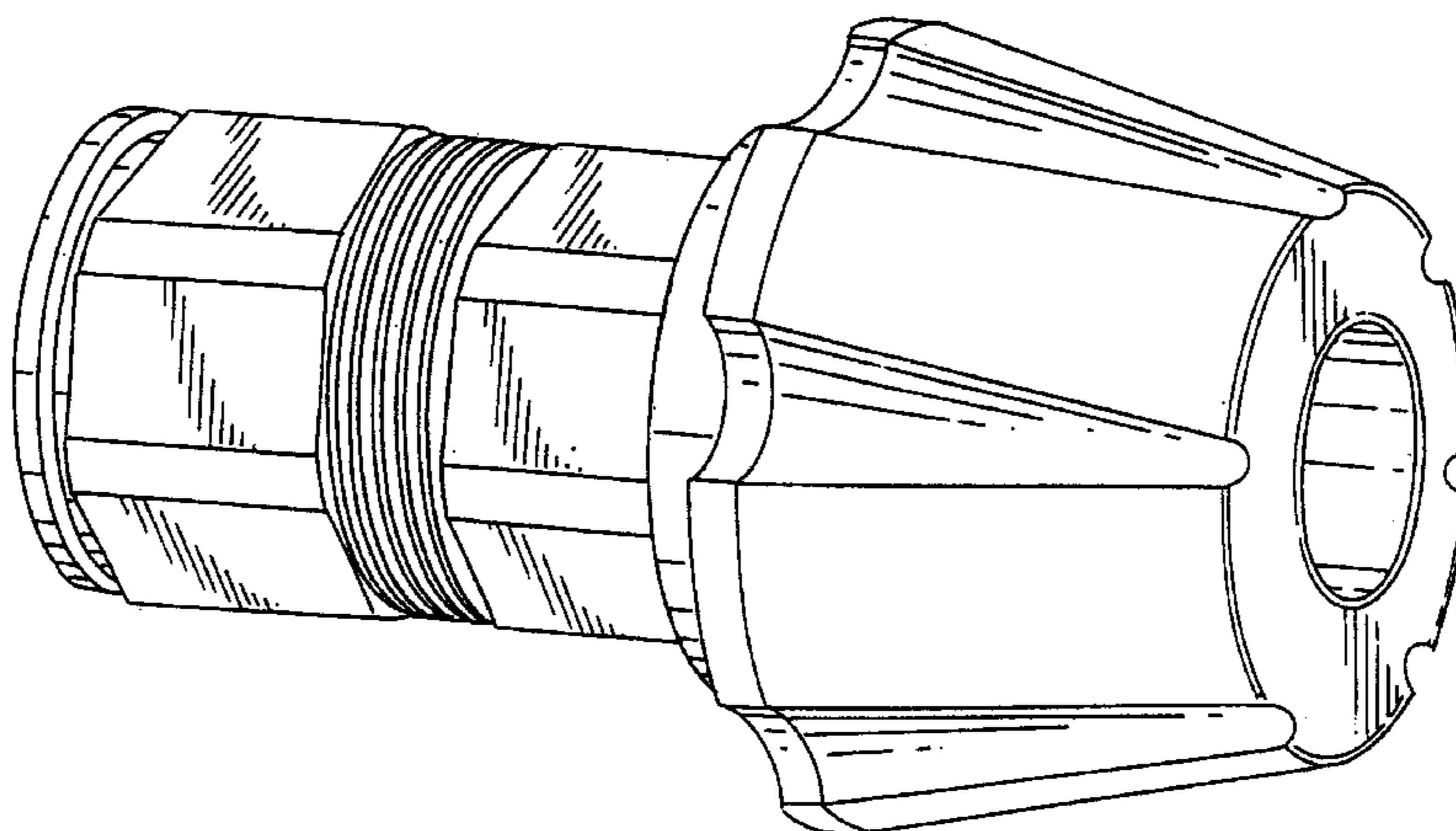
FIG. 9 is a second side elevational view of the second embodiment of the sleeve for tooling system for mineral winning, the second side elevational view showing the second embodiment of the sleeve for tooling system for mineral winning in a position which is rotated from the position shown in FIG. 8;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



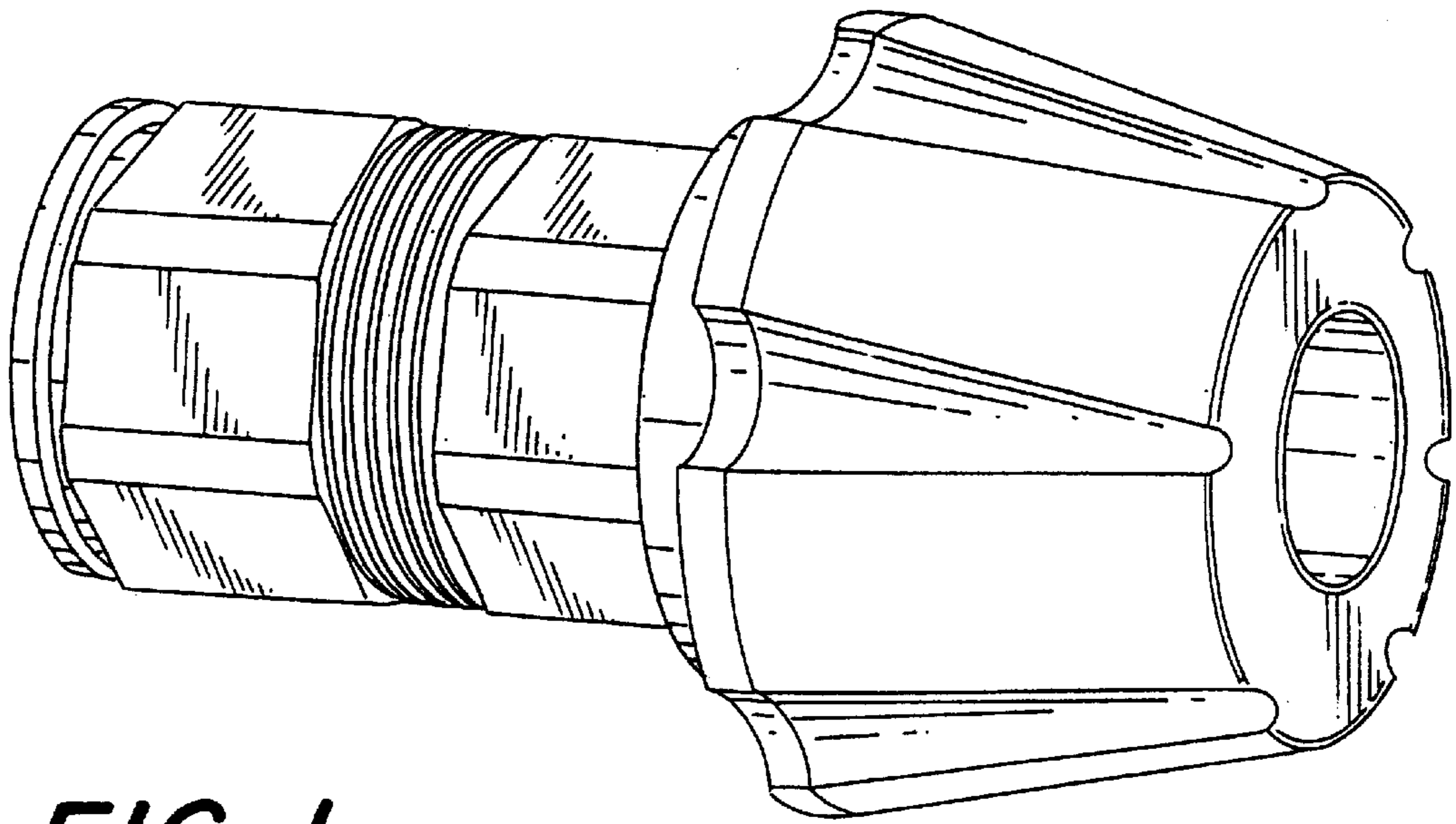


FIG. 1

FIG. 6

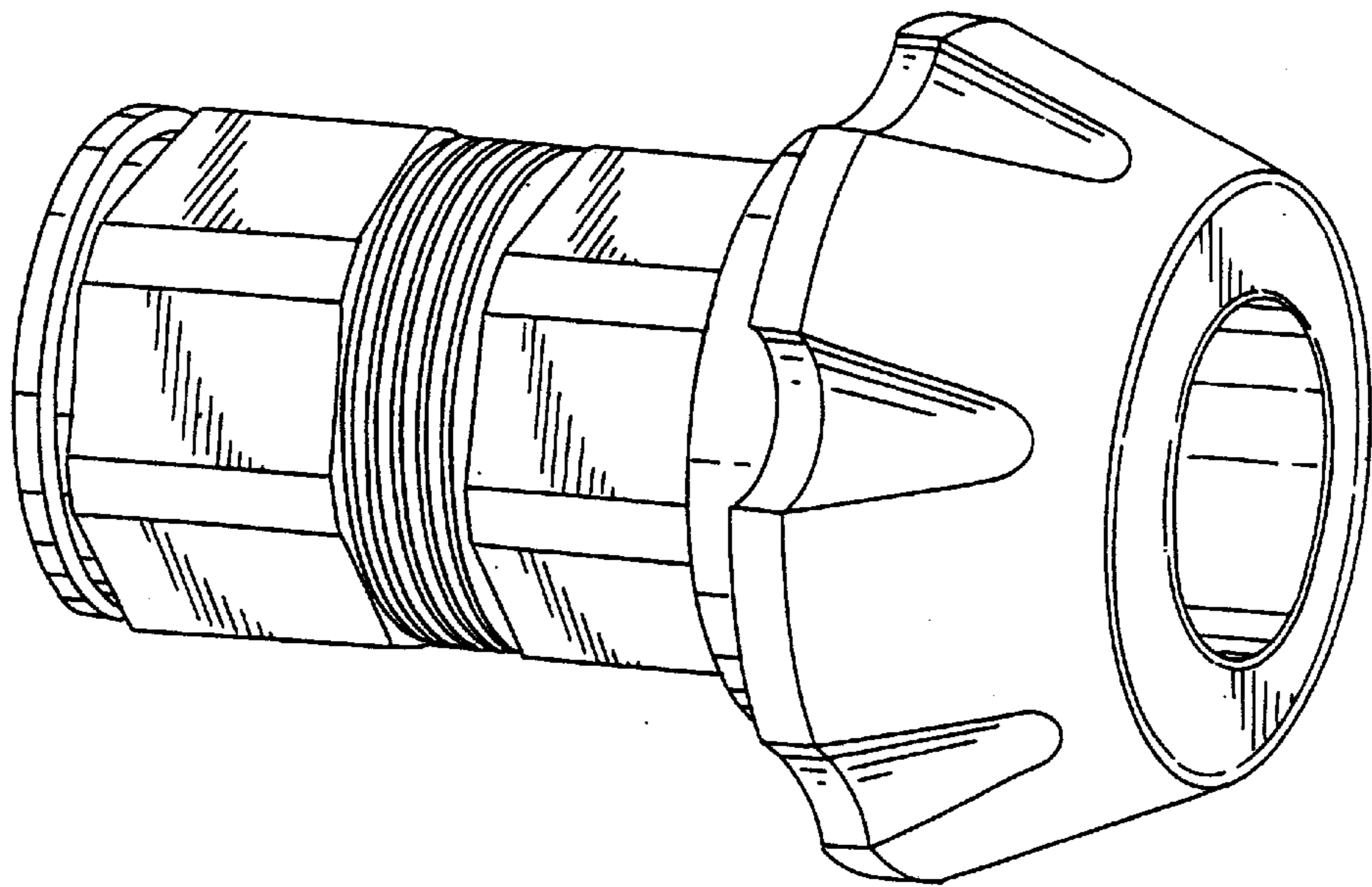


FIG. 2

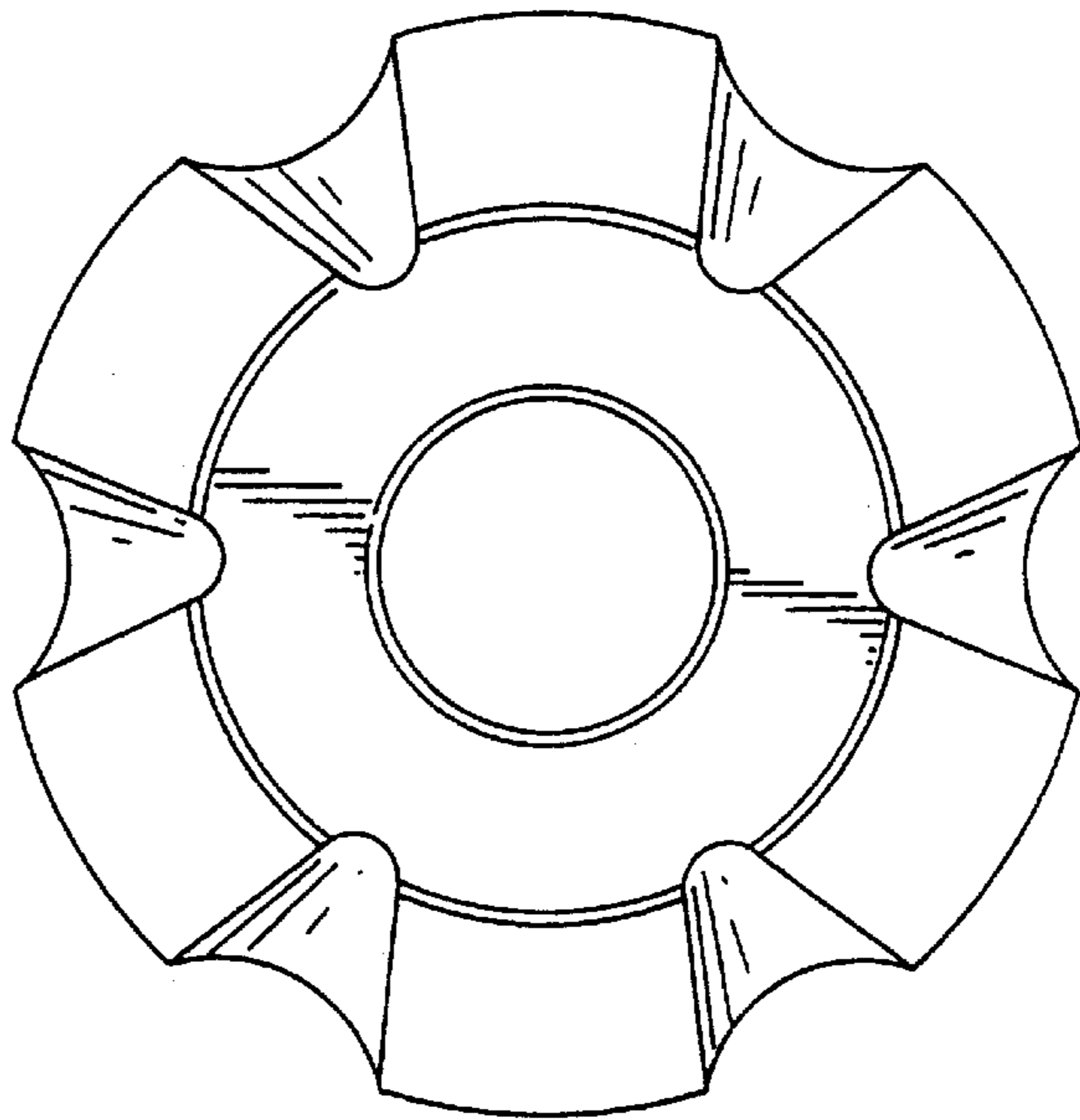


FIG. 3

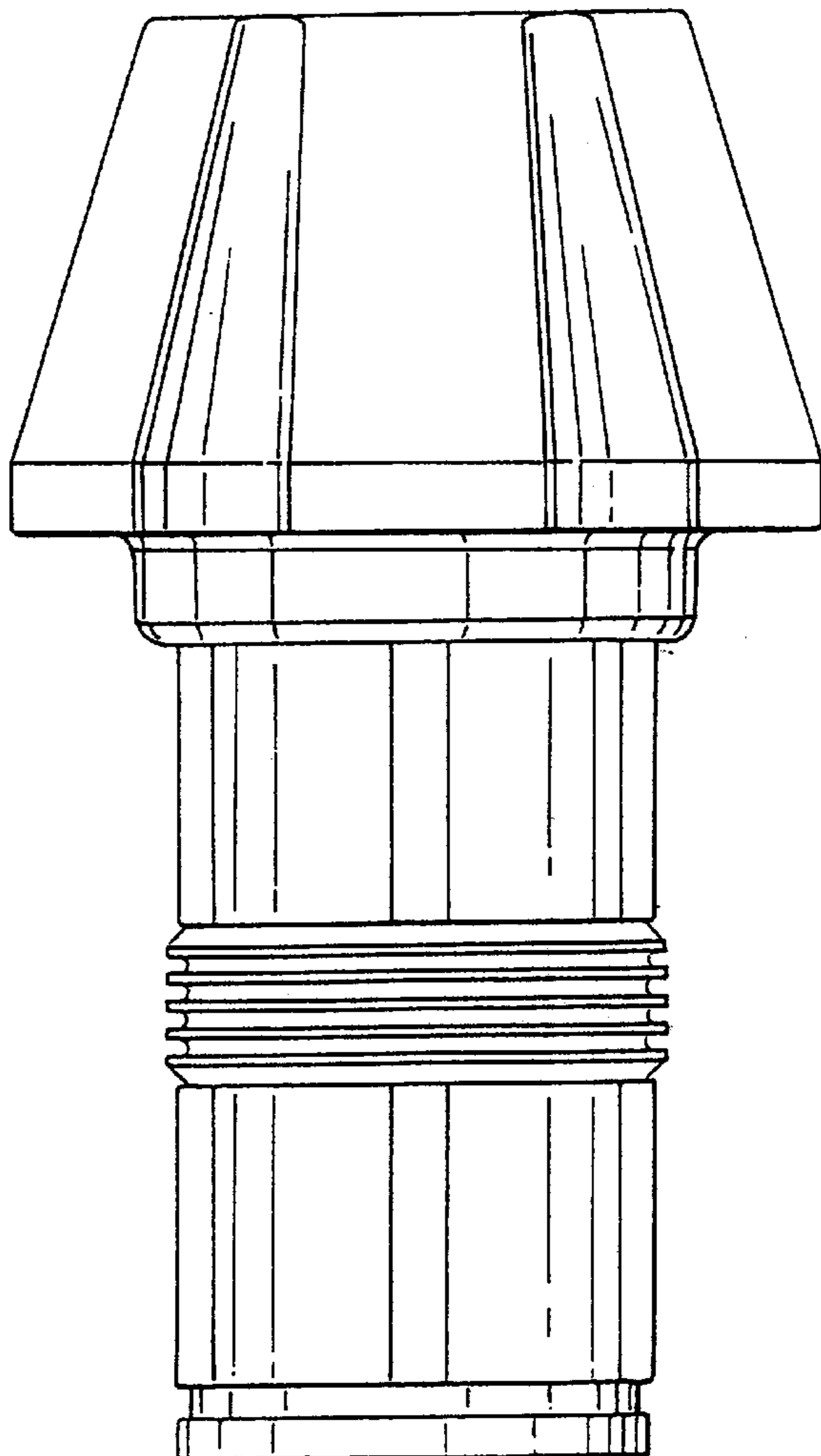


FIG. 4

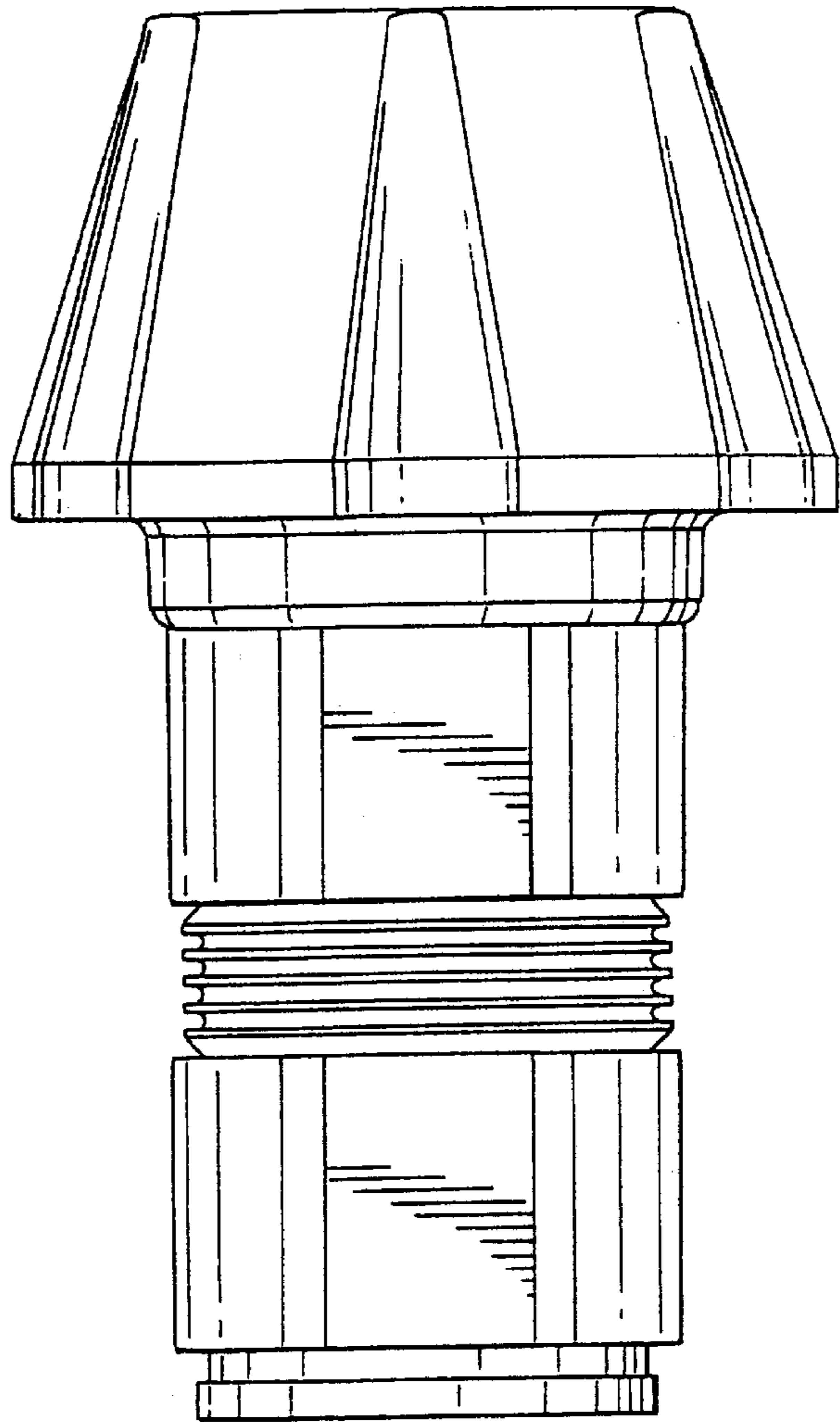


FIG. 5

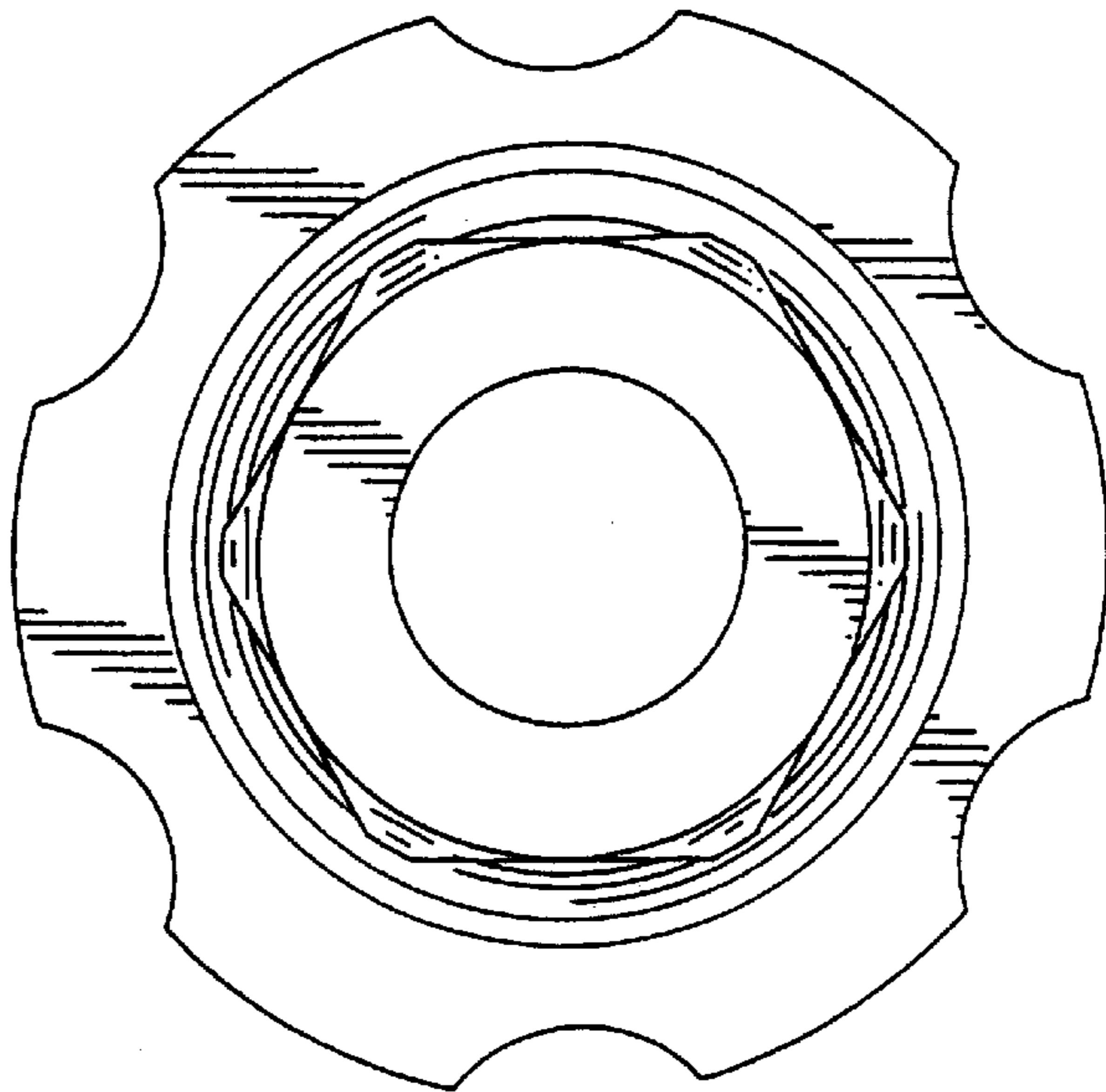


FIG. 7

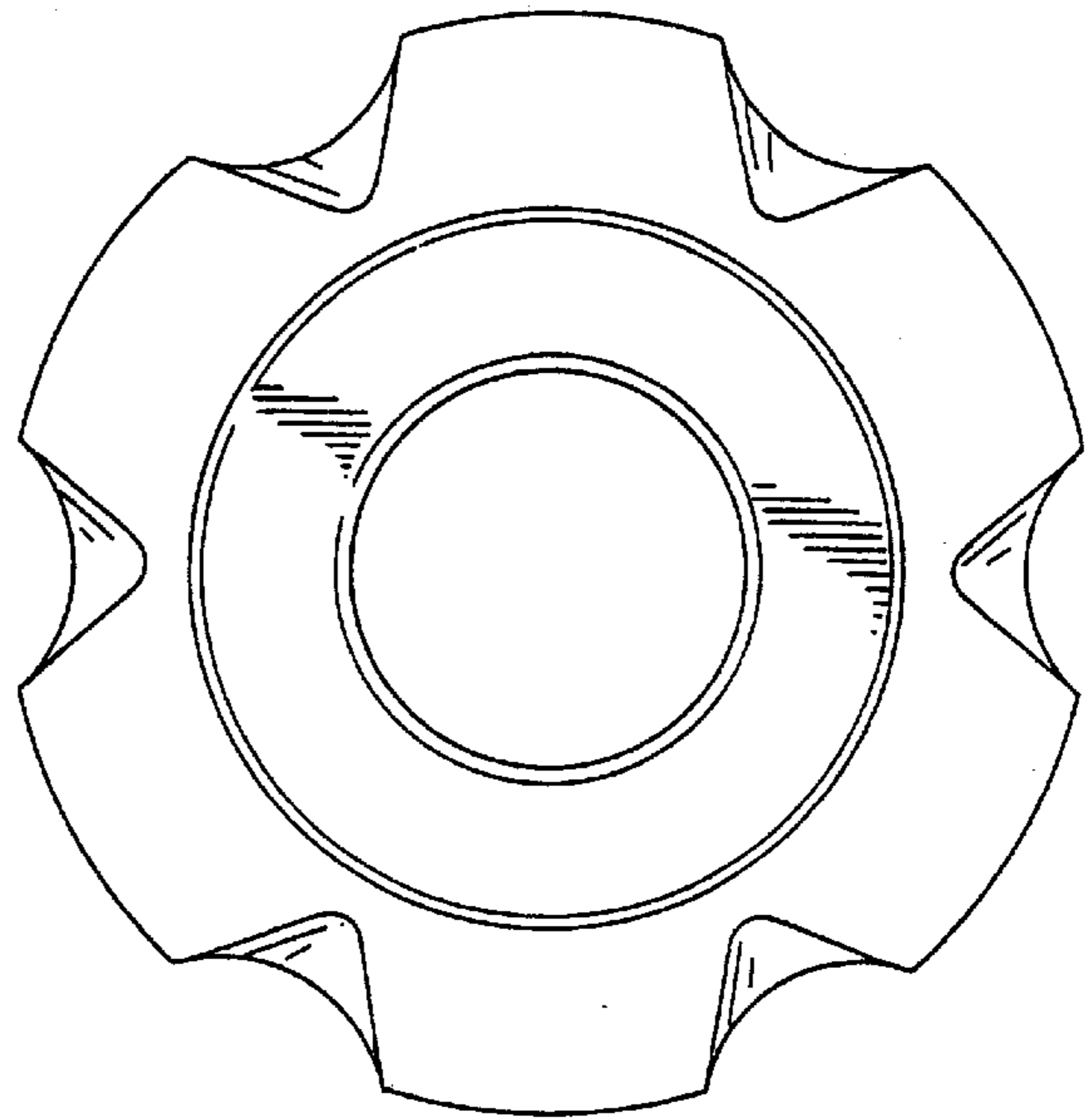


FIG. 8

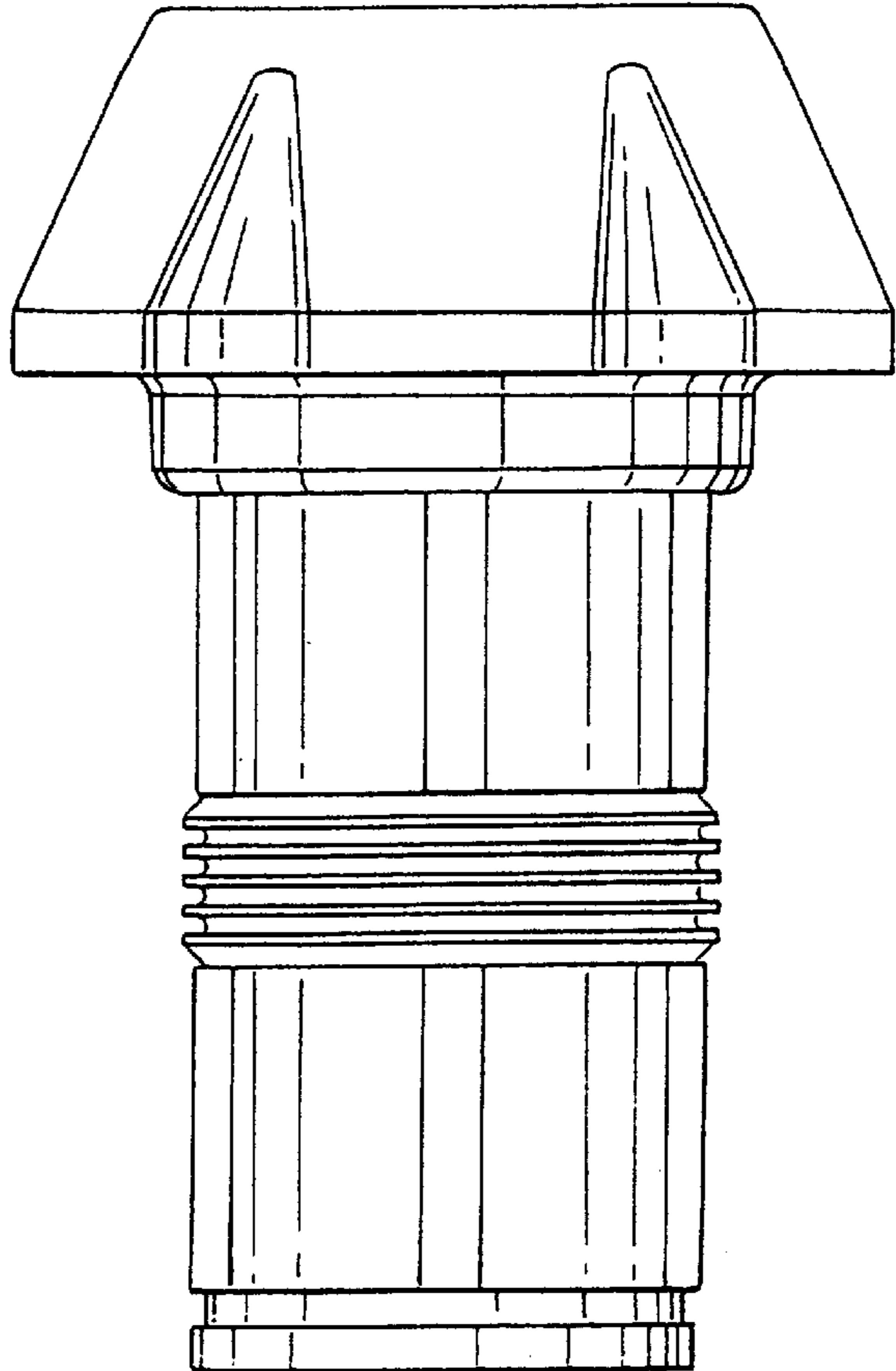


FIG. 9

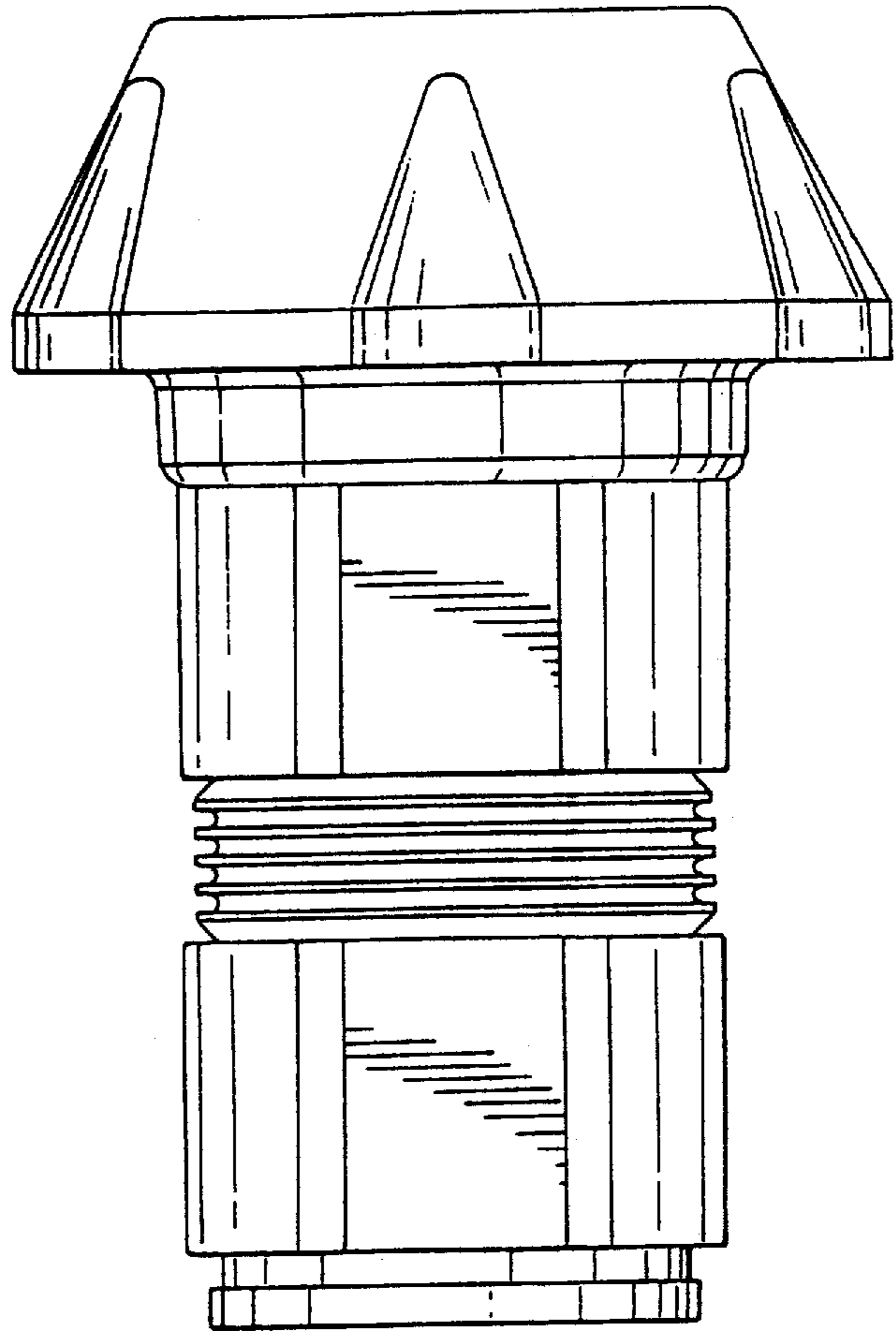
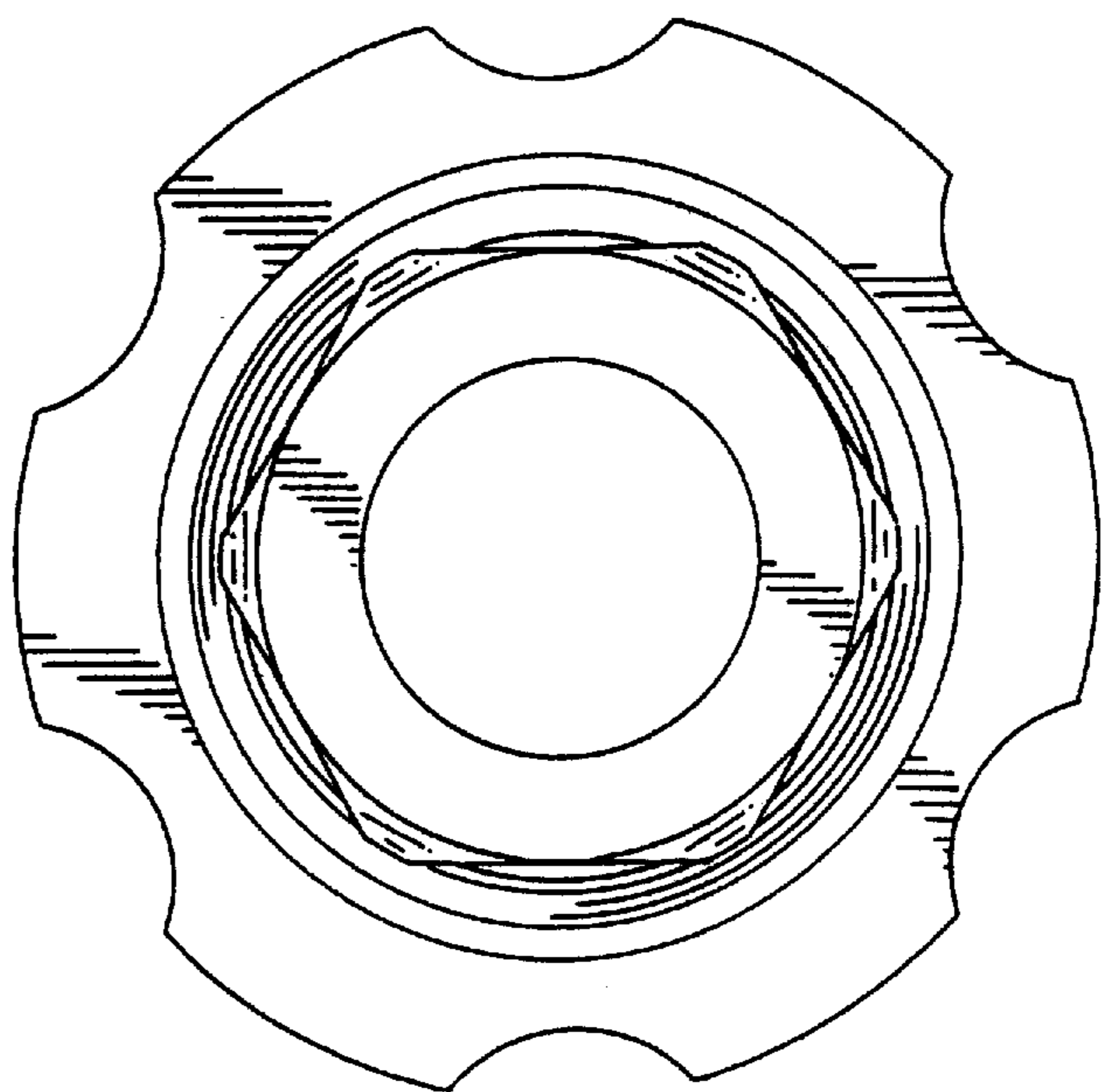


FIG. 10



UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : Des. 420,013
DATED : February 1, 2000
INVENTOR(S) : John Joseph Warren and William Stephen Clapham

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the title page, insert item [30],
Priority Data

Should read -- Foreign Application Priority Data --
-- Great Britain Application No. 9804488.6,
filed March 4, 1998 --

Signed and Sealed this
Twenty-first Day of November, 2000

Attest:



Q. TODD DICKINSON

Attesting Officer

Director of Patents and Trademarks