



US00D423528S

United States Patent [19]
Sakamaki

[11] **Patent Number: Des. 423,528**

[45] **Date of Patent: ** Apr. 25, 2000**

[54] **DRILL CHUCK**

5,934,689 8/1999 Montjoy 279/62

[75] Inventor: **Akira Sakamaki**, Ojiya, Japan

Primary Examiner—Antoine Duval Davis
Attorney, Agent, or Firm—Sughrue, Mion, Zinn, Macpeak & Seas, PLLC

[73] Assignee: **Yukiwa Seiko Kabushiki Kaisha**,
Niigata-ken, Japan

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

[57] **CLAIM**

The ornamental design for a drill chuck, as shown and described.

[21] Appl. No.: **29/108,064**

DESCRIPTION

[22] Filed: **Jul. 21, 1999**

[51] **LOC (6) Cl.** **15-09**

[52] **U.S. Cl.** **D15/140; D8/70**

[58] **Field of Search** **D8/70; D15/140;**
279/60-64, 157, 901, 902

FIG. 1 is an elevational view showing my new design;
FIG. 2 is a top plan view thereof;
FIG. 3 is a bottom plan view thereof;
FIG. 4 is a rear view thereof;
FIG. 5 is a right side view thereof, the left side view being symmetrical to the right side view;
FIG. 6 is a perspective view thereof; and,
FIG. 7 is a perspective view thereof.

[56] **References Cited**

U.S. PATENT DOCUMENTS

5,829,761 11/1998 Rohm 279/62

1 Claim, 2 Drawing Sheets

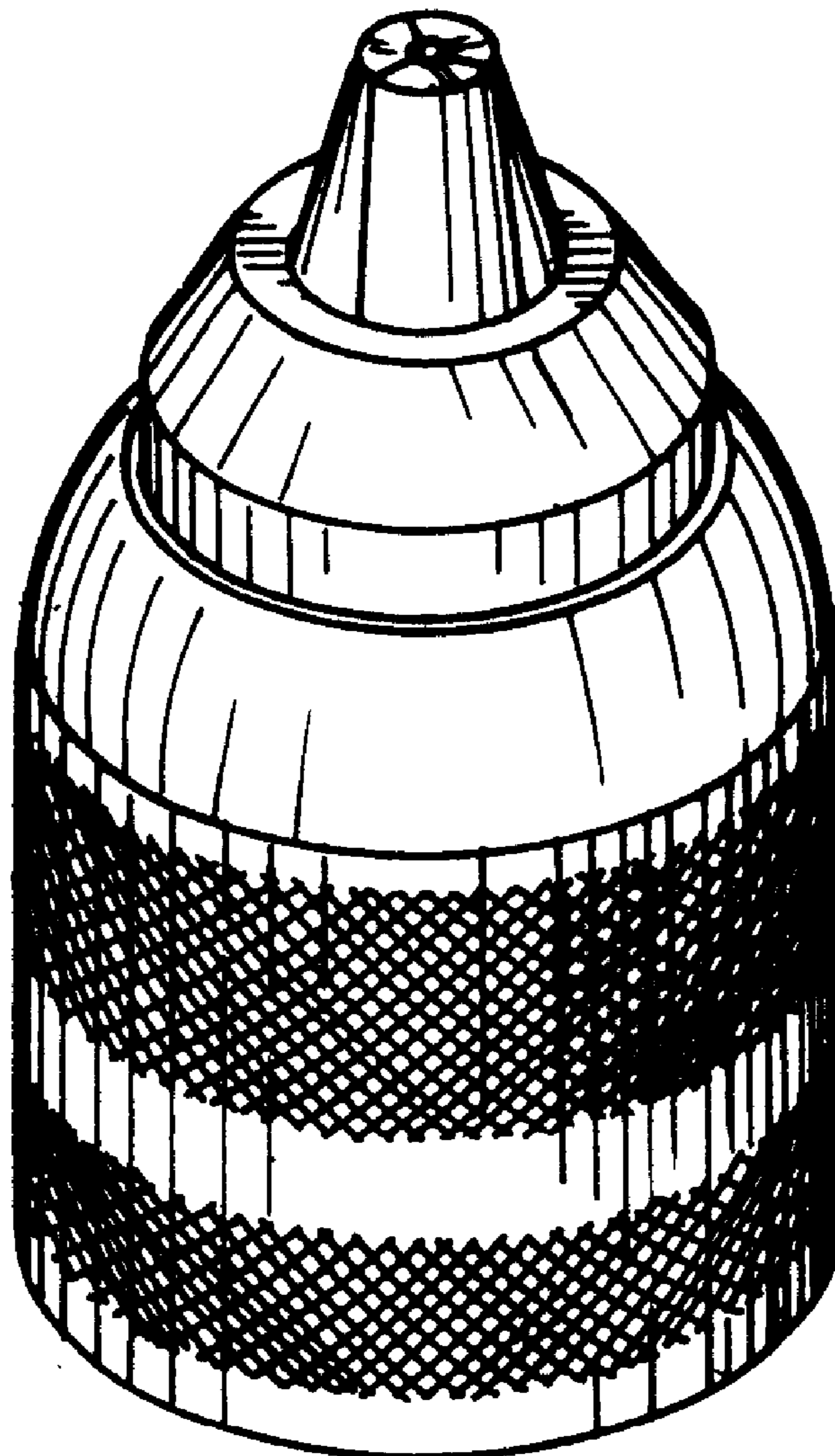


FIG. 1

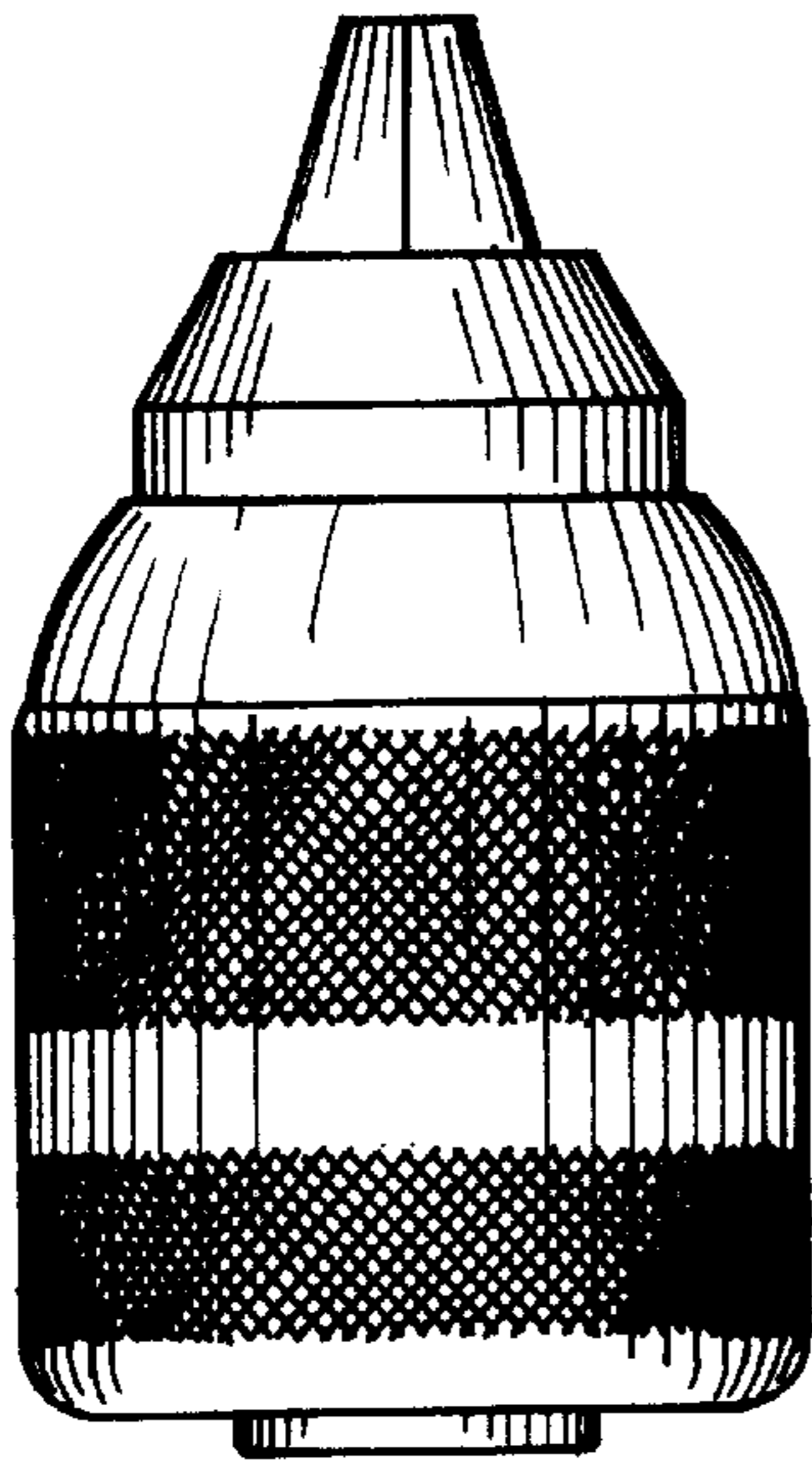


FIG. 2

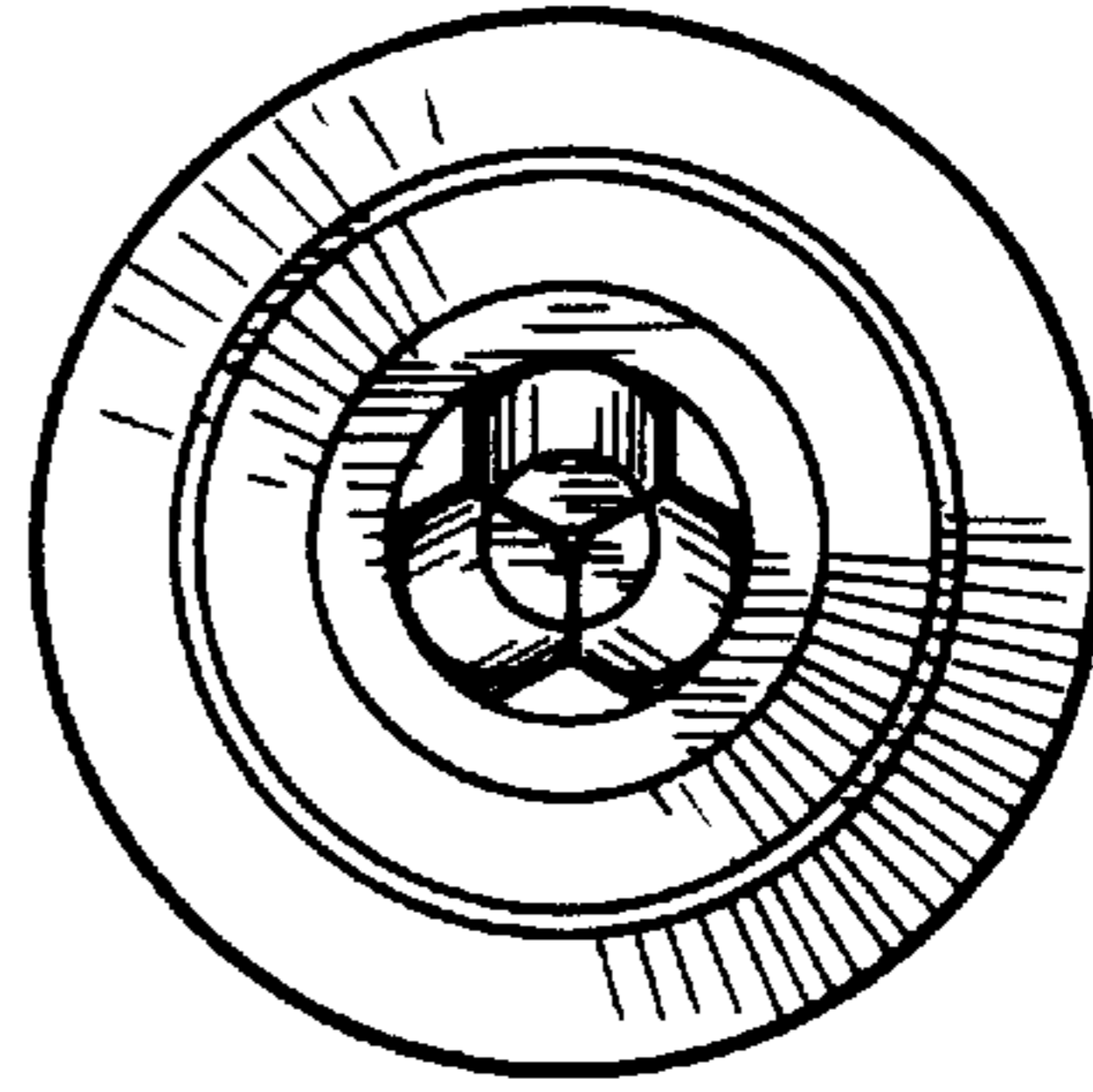


FIG. 3

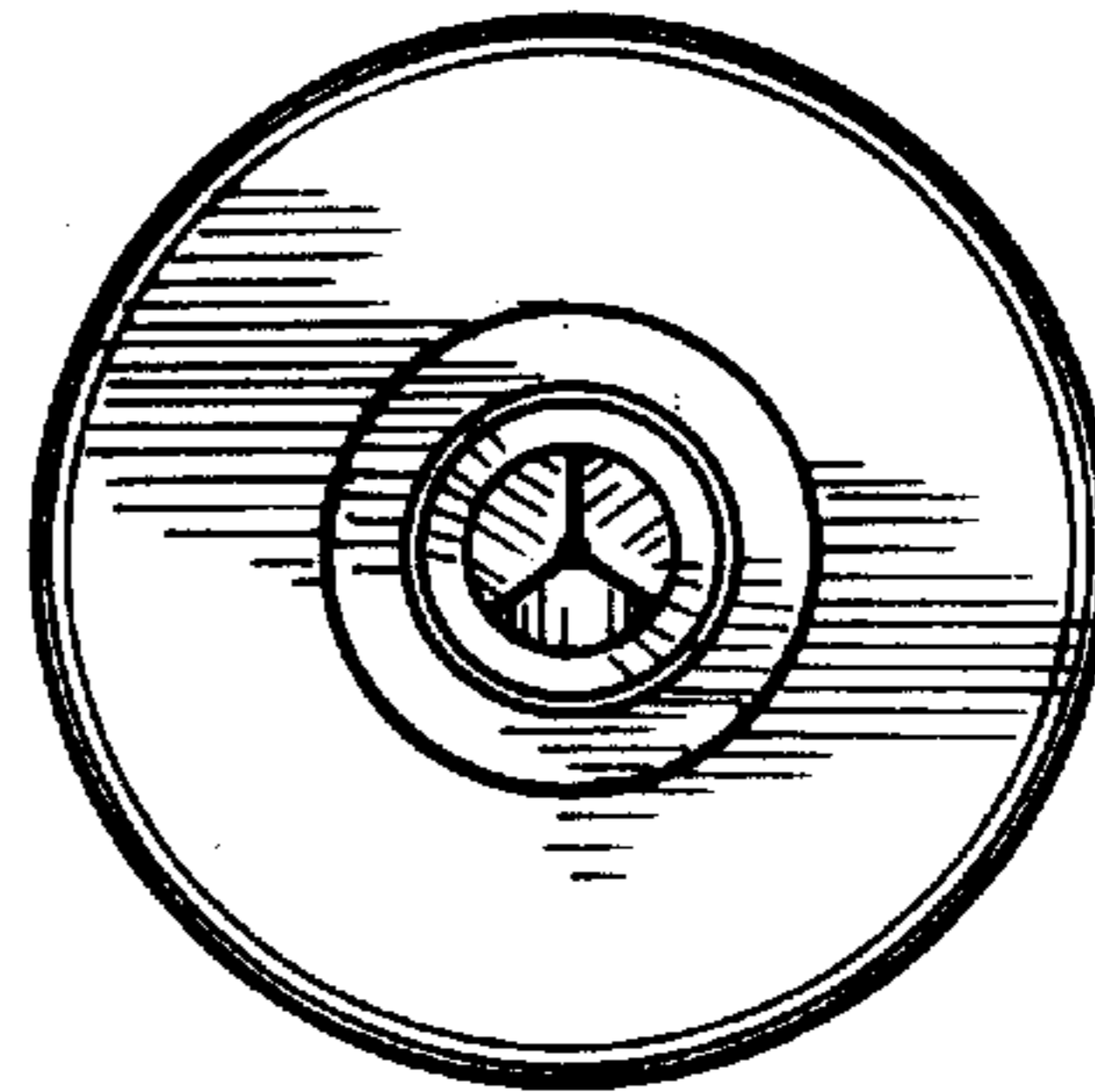


FIG. 5

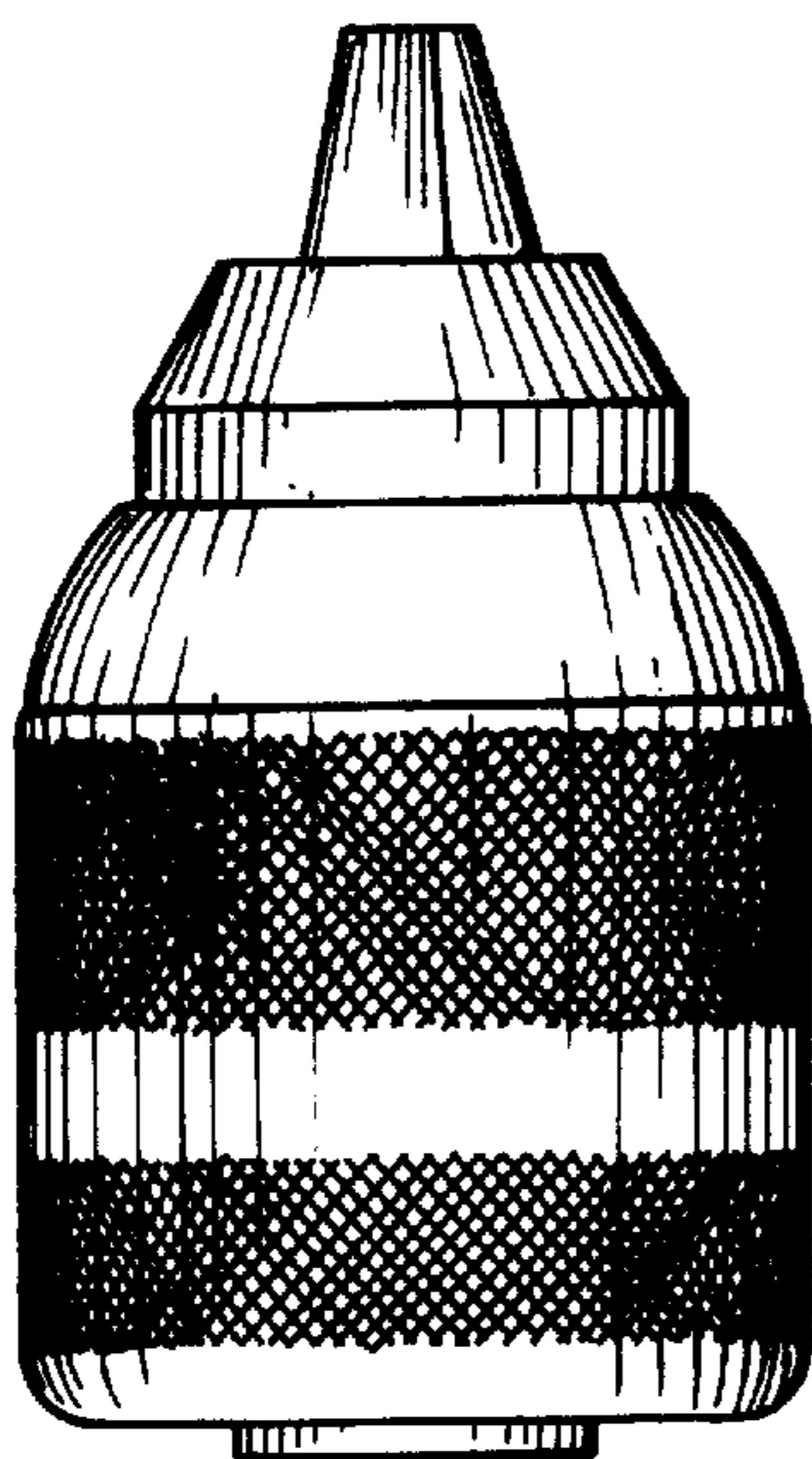


FIG. 4

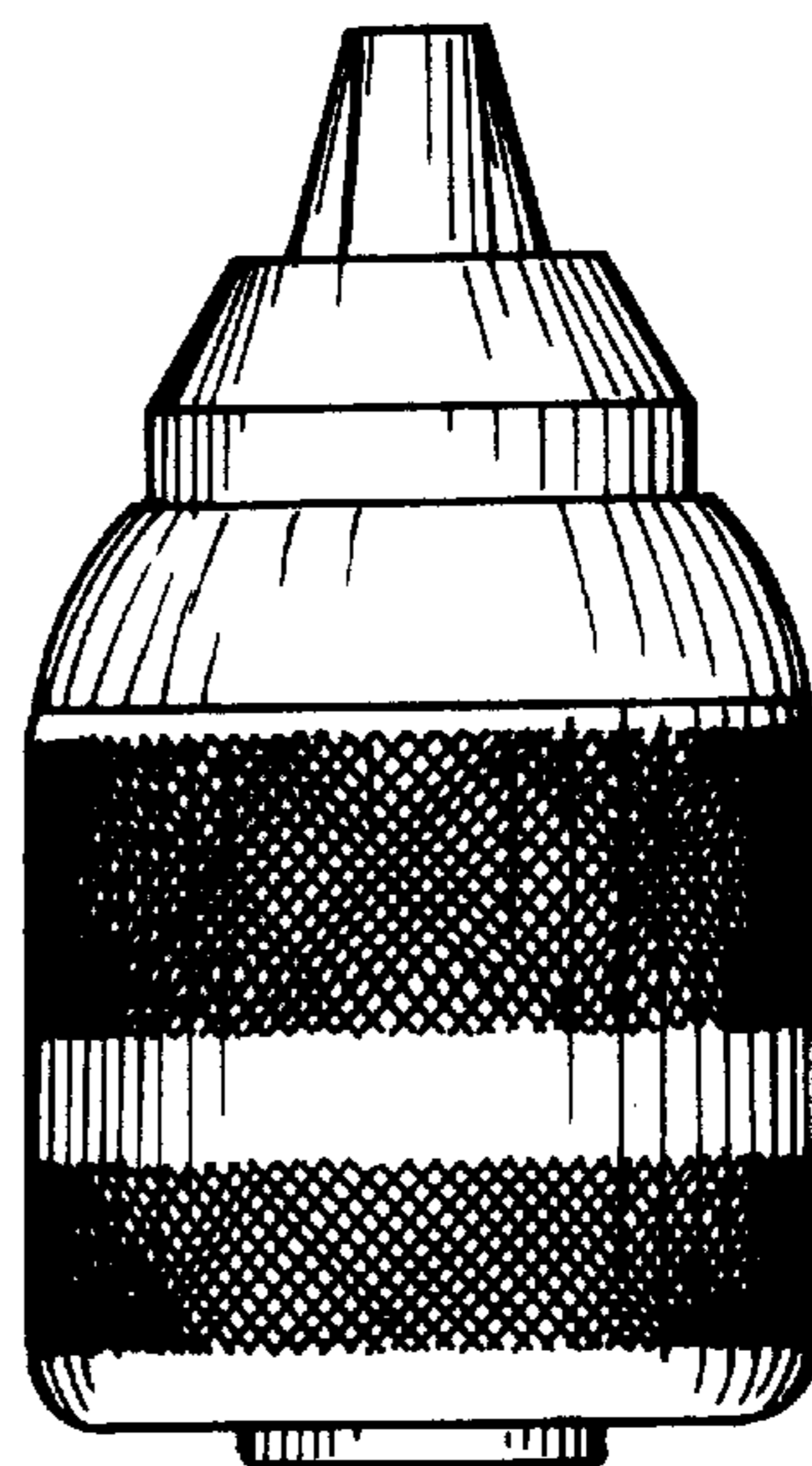


FIG. 6

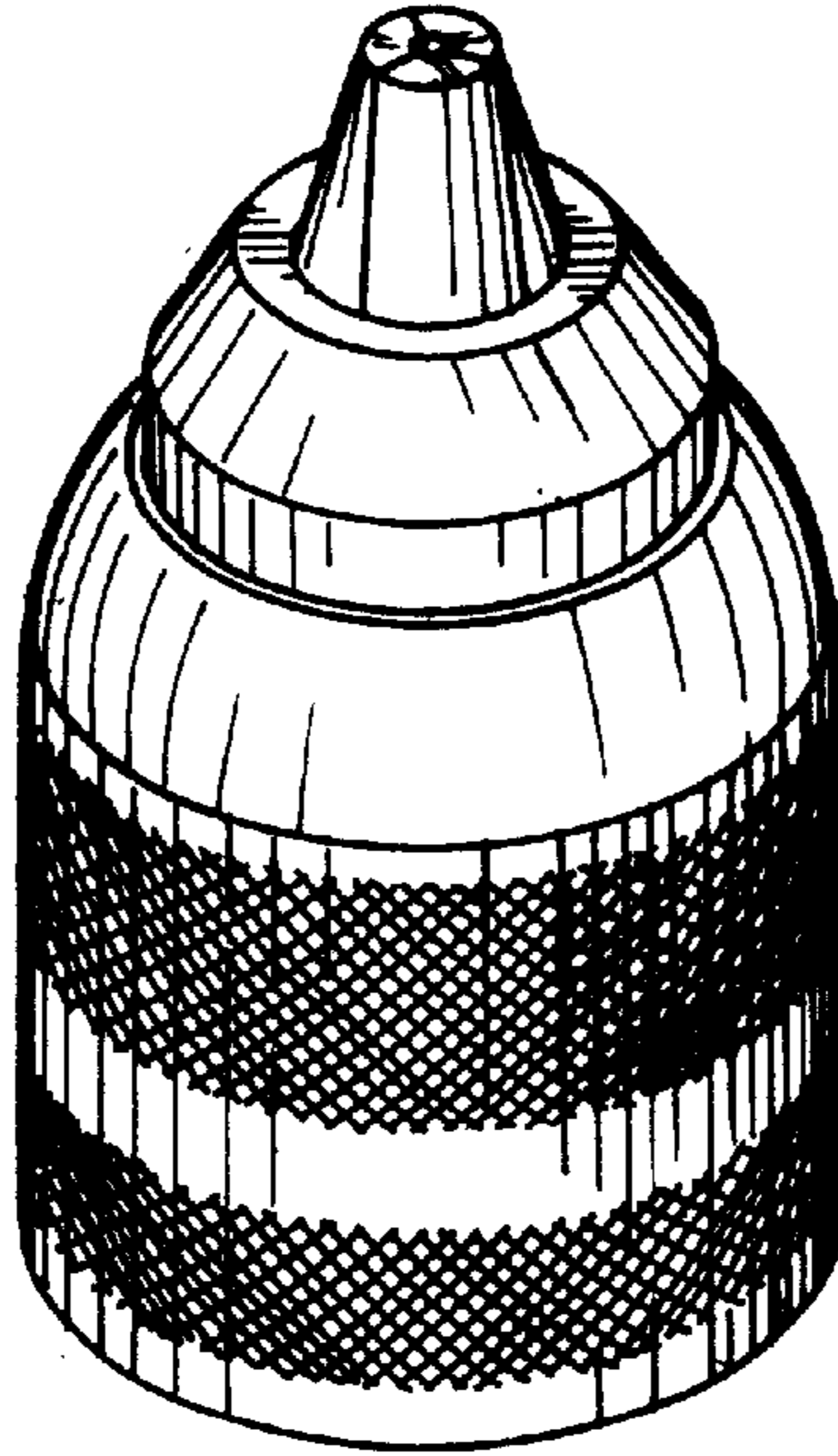


FIG. 7

