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

(10) **Patent No.:** **US D560,792 S**

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(54) **FLANGED EARPLUG**

D493,219 S \* 7/2004 Falco ..... D24/106  
D496,722 S \* 9/2004 Falco et al. .... D24/106

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\* cited by examiner

(73) Assignee: **Cabot Safety Intermediate Corporation**, Newark, DE (US)

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(\*) Notice: This patent is subject to a terminal disclaimer.

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

(57) **CLAIM**

(21) Appl. No.: **29/199,931**

The ornamental design for a flanged earplug, as shown and described.

(22) Filed: **Feb. 20, 2004**

**DESCRIPTION**

(51) **LOC (8) Cl.** ..... **24-04**

FIG. 1 is a perspective view of my new flanged earplug;

(52) **U.S. Cl.** ..... **D24/106**

FIG. 2 is a first side elevational view thereof, the opposite side being a mirror image;

(58) **Field of Classification Search** ..... D24/106,  
D24/141, 135, 130; 128/864, 865, 86; 181/135,  
181/130, 129; 604/14–18, 902, 11, 39, 41,  
604/57, 59; 606/191; D9/552, 556, 557  
See application file for complete search history.

FIG. 3 is a top plan view thereof;

FIG. 4 is a second side elevational view thereof, the opposite side being a mirror image;

FIG. 5 is a bottom plan view thereof;

(56) **References Cited**

FIG. 6 is a perspective view of another embodiment of my new flanged earplug;

**U.S. PATENT DOCUMENTS**

D298,356 S \* 11/1988 Falco ..... D24/106  
4,867,149 A \* 9/1989 Falco ..... 128/864  
4,936,411 A \* 6/1990 Leonard ..... 128/864  
D330,761 S \* 11/1992 Falco ..... D24/106  
D369,655 S \* 5/1996 Esler et al. .... D24/106  
D375,550 S \* 11/1996 Esler et al. .... D24/106  
6,440,339 B1 \* 8/2002 Magidson et al. .... 264/46.4  
6,695,093 B1 \* 2/2004 Falco ..... 181/135  
D492,765 S \* 7/2004 Falco ..... D24/106

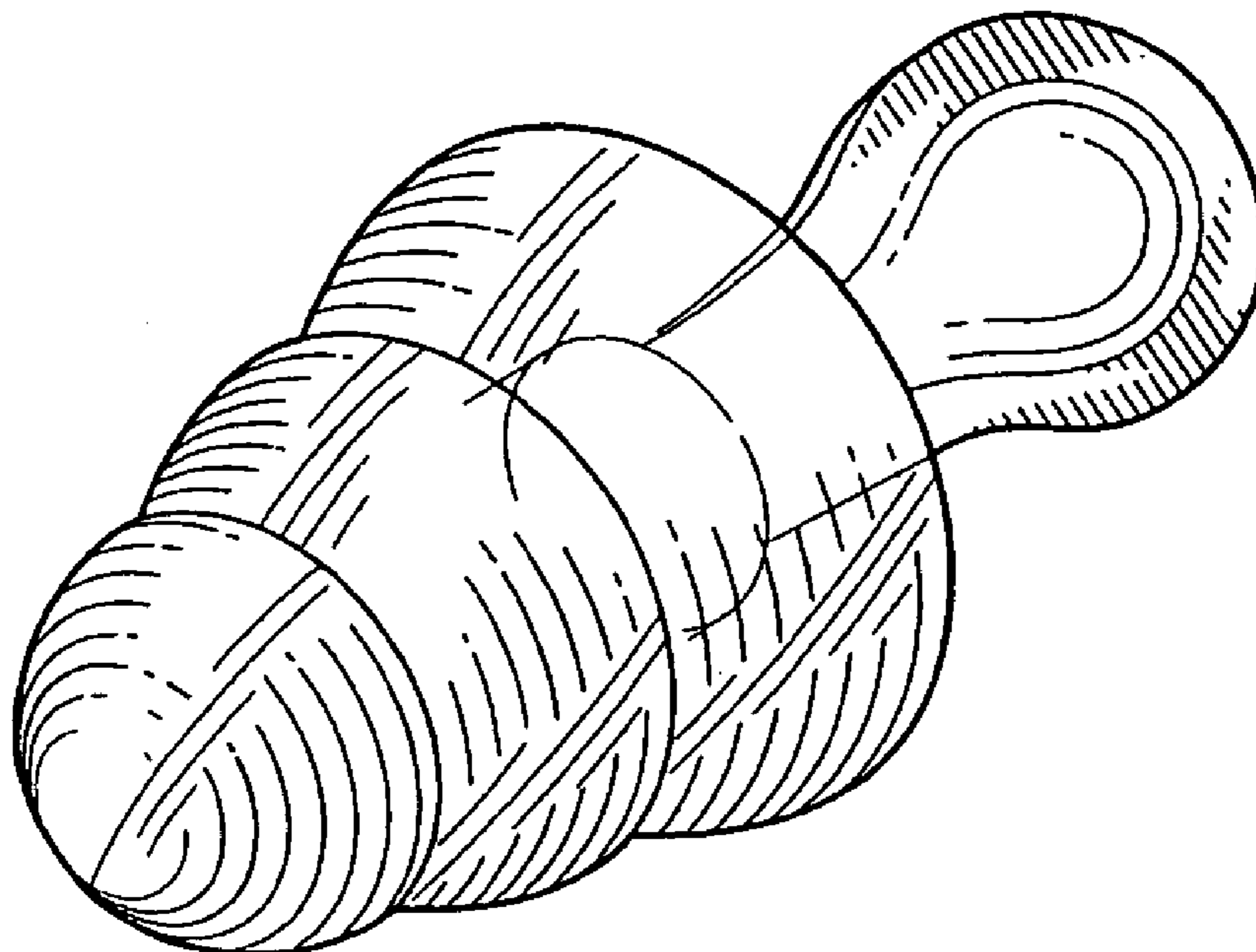
FIG. 7 is a first side elevational view thereof, the opposite side being a mirror image;

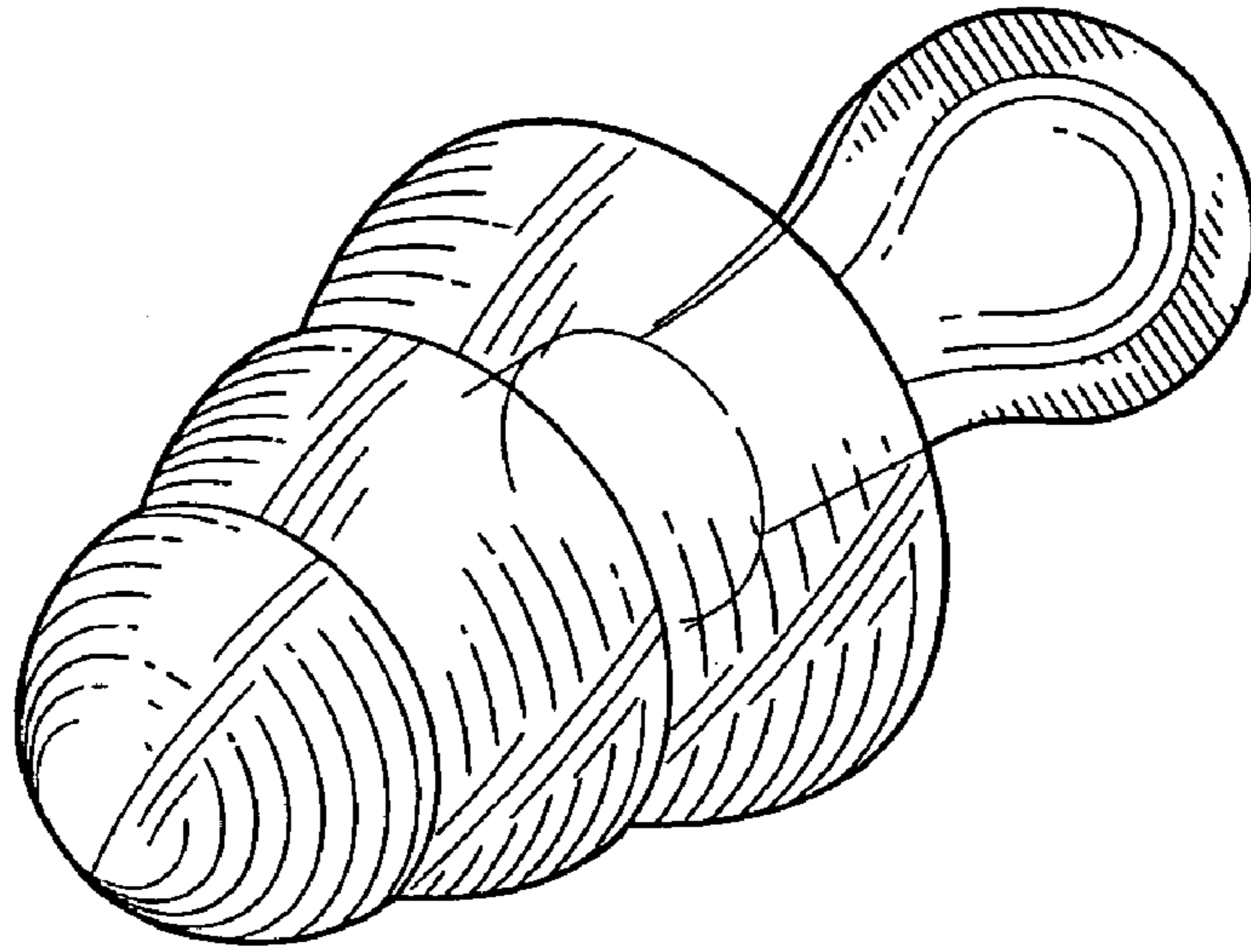
FIG. 8 is a top plan view thereof;

FIG. 9 is a second side elevational view thereof, the opposite side being a mirror image; and,

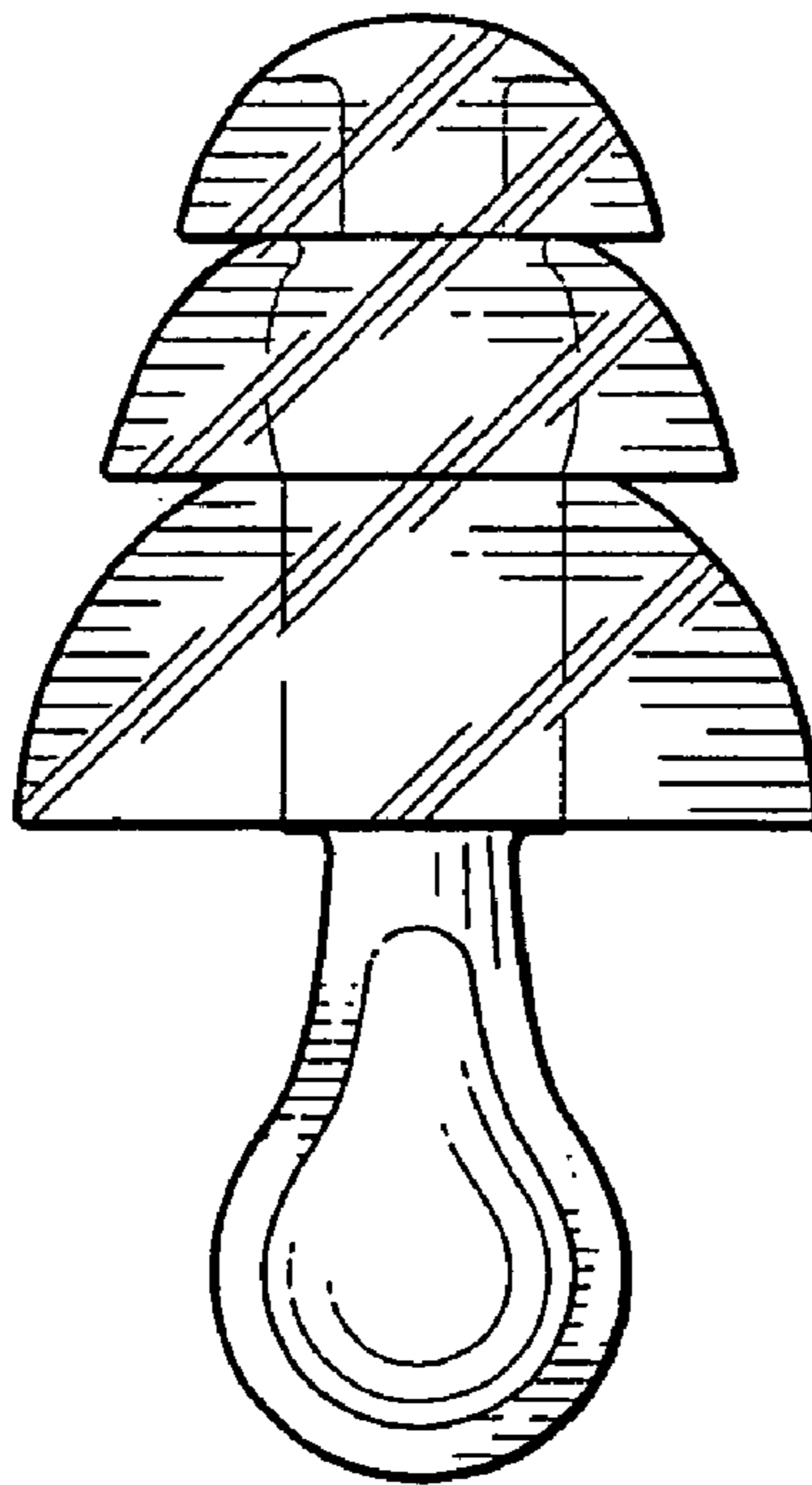
FIG. 10 is a bottom plan view thereof.

**1 Claim, 4 Drawing Sheets**

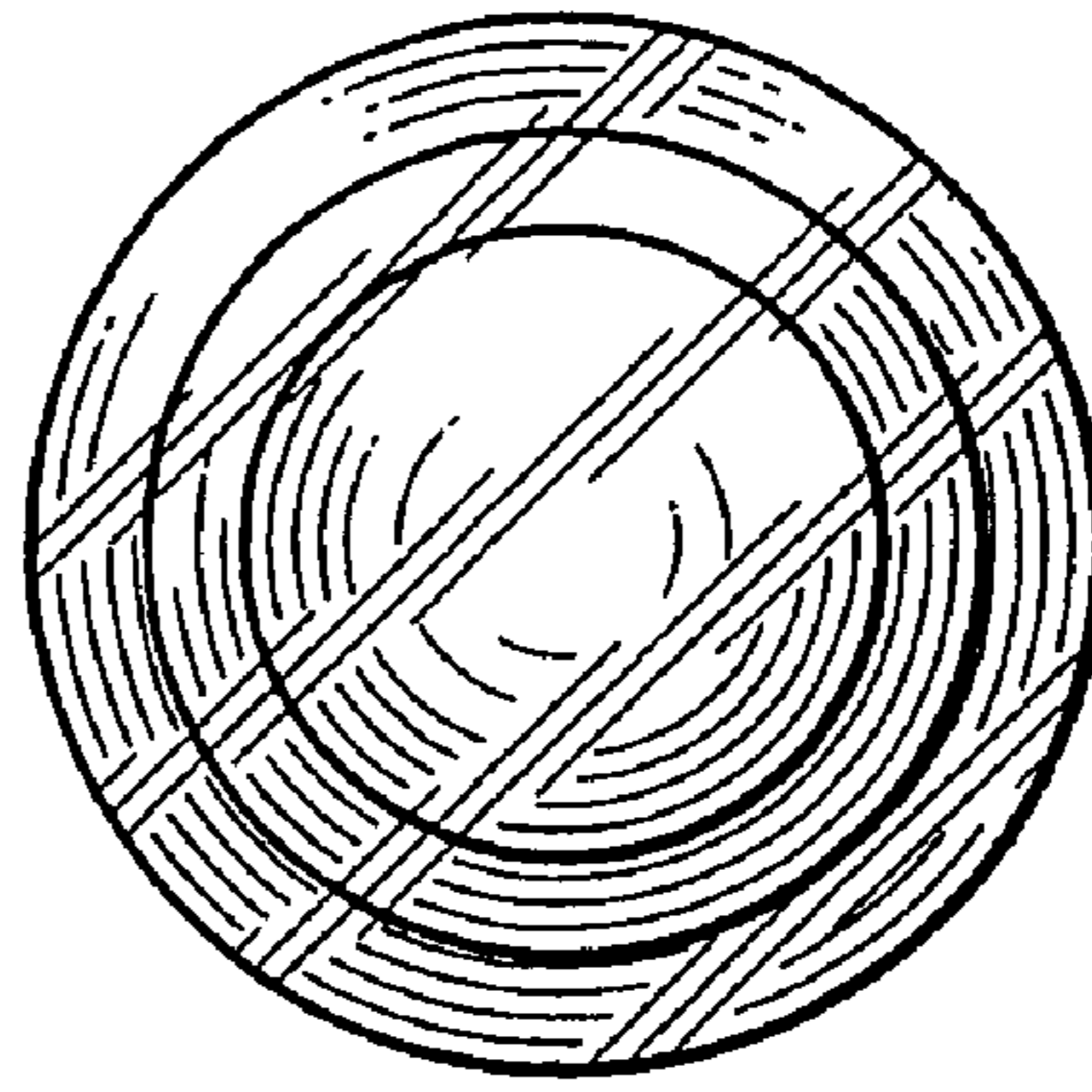




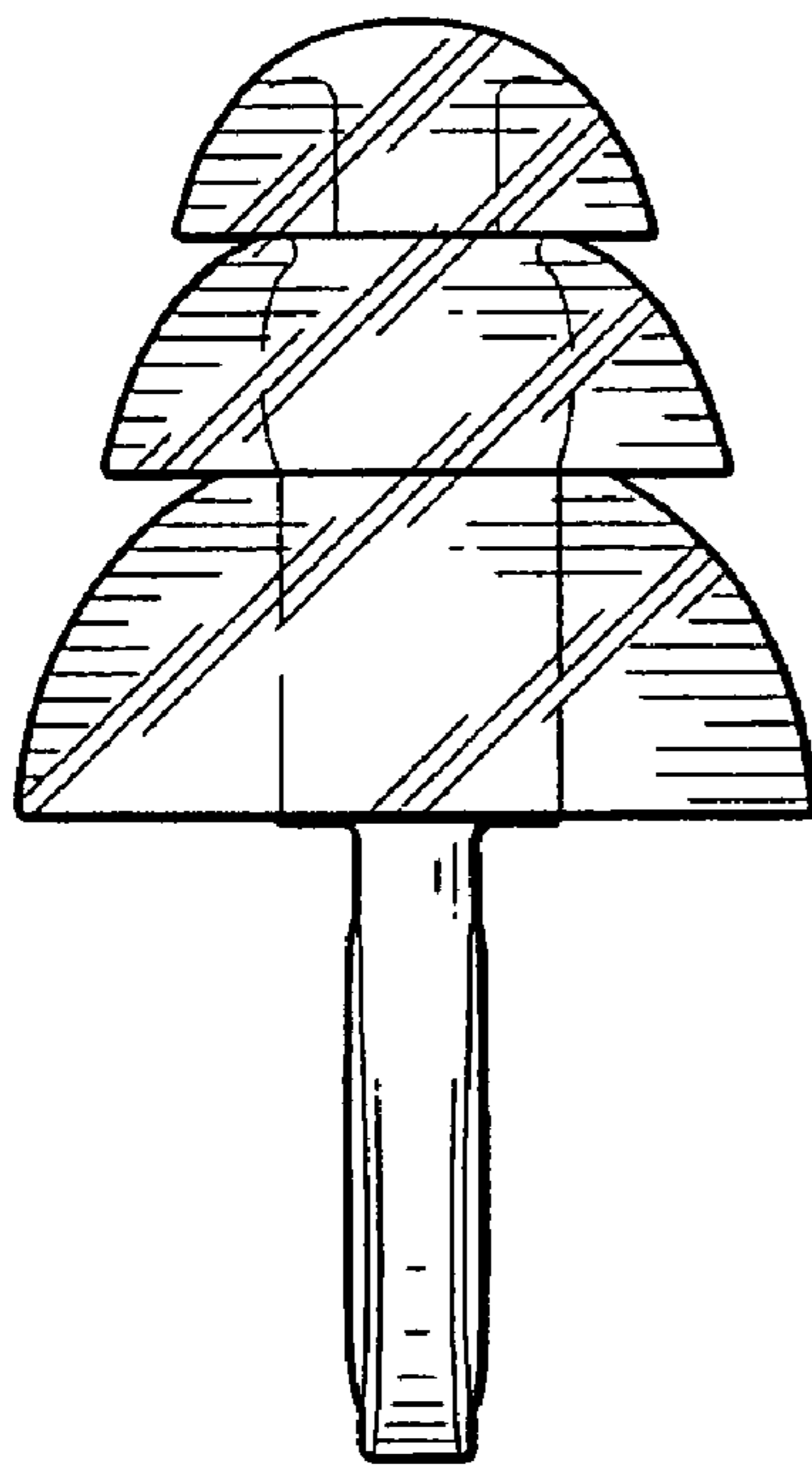
**FIG. 1**



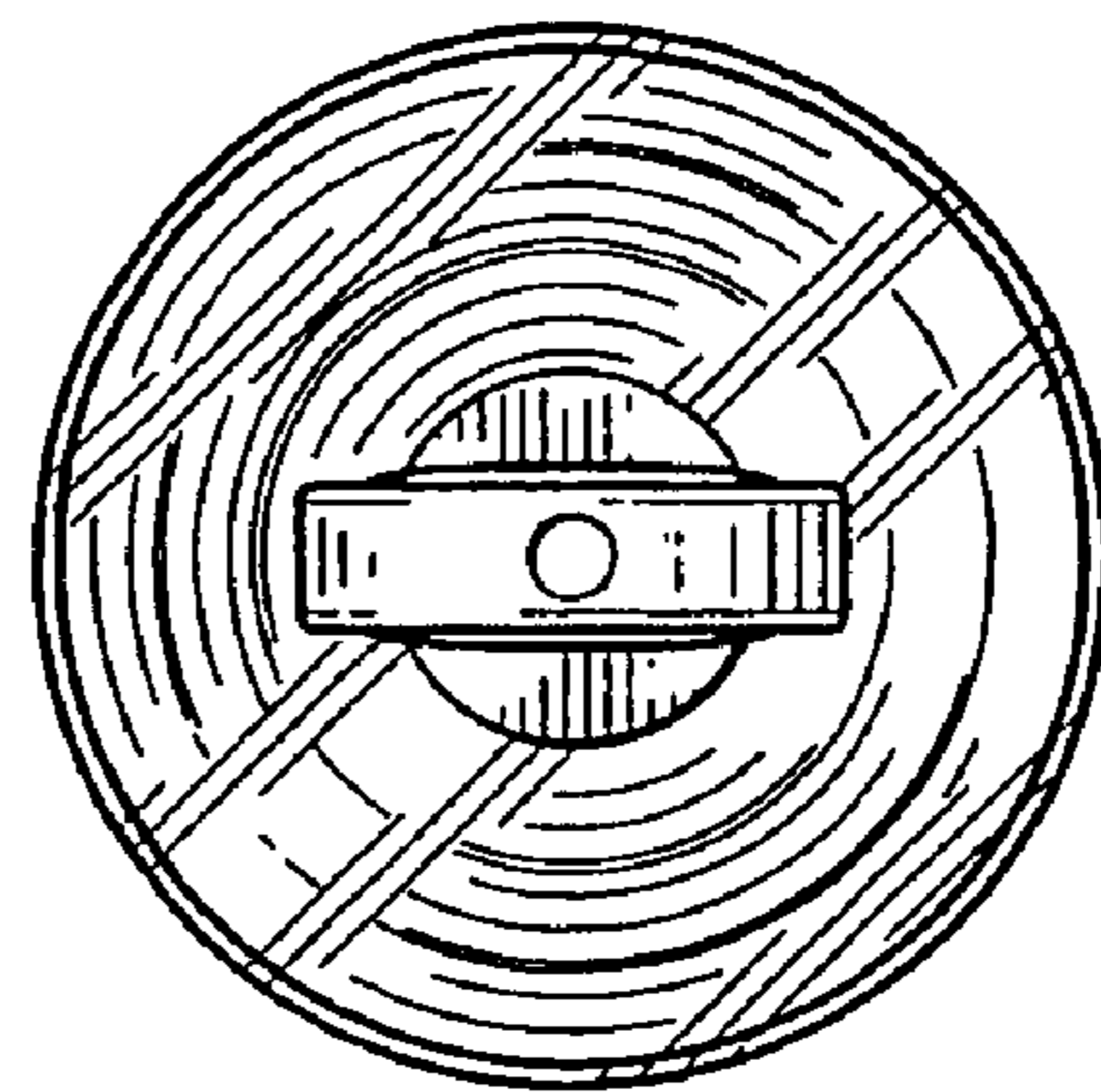
**FIG. 2**



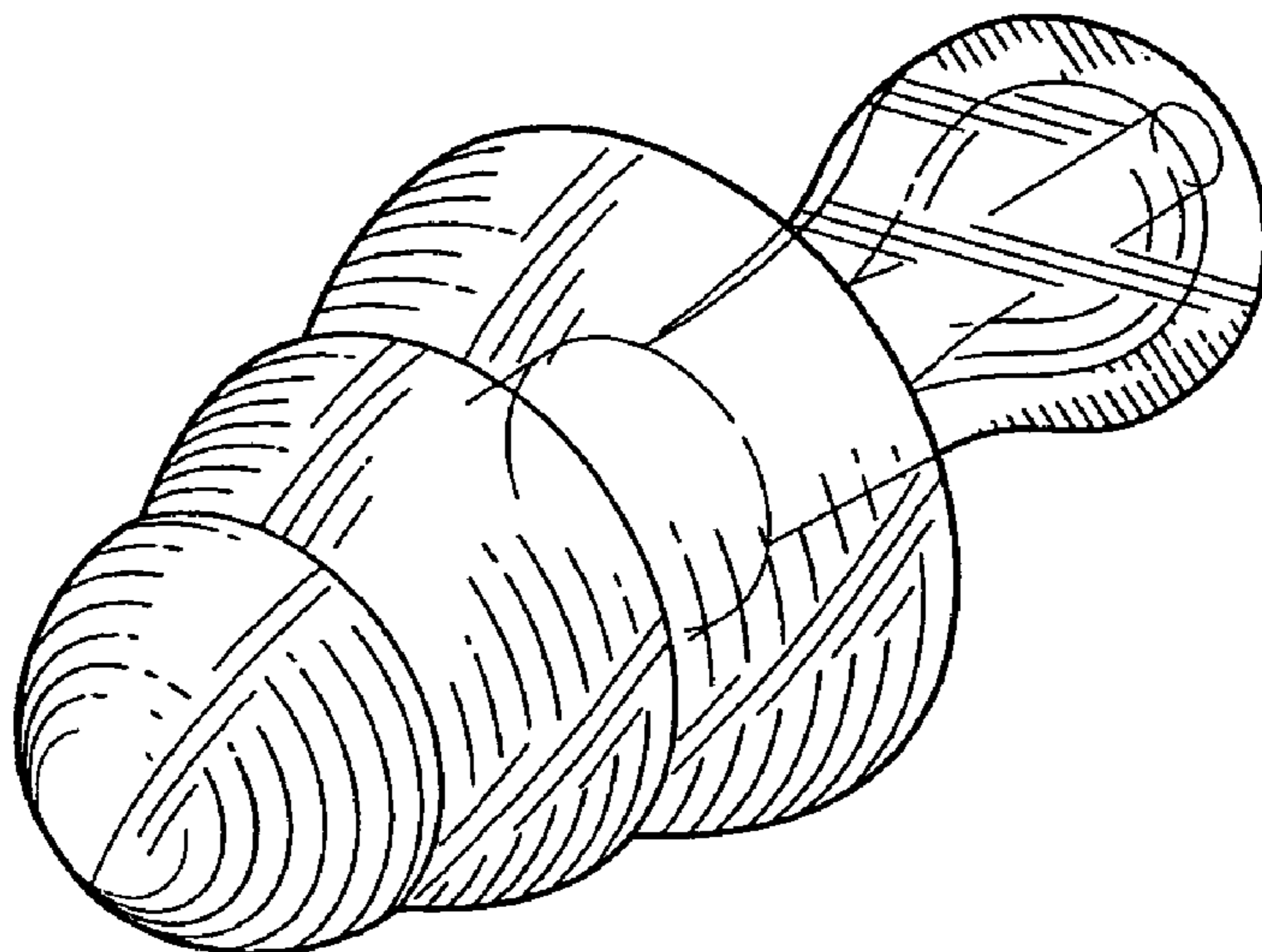
**FIG. 3**



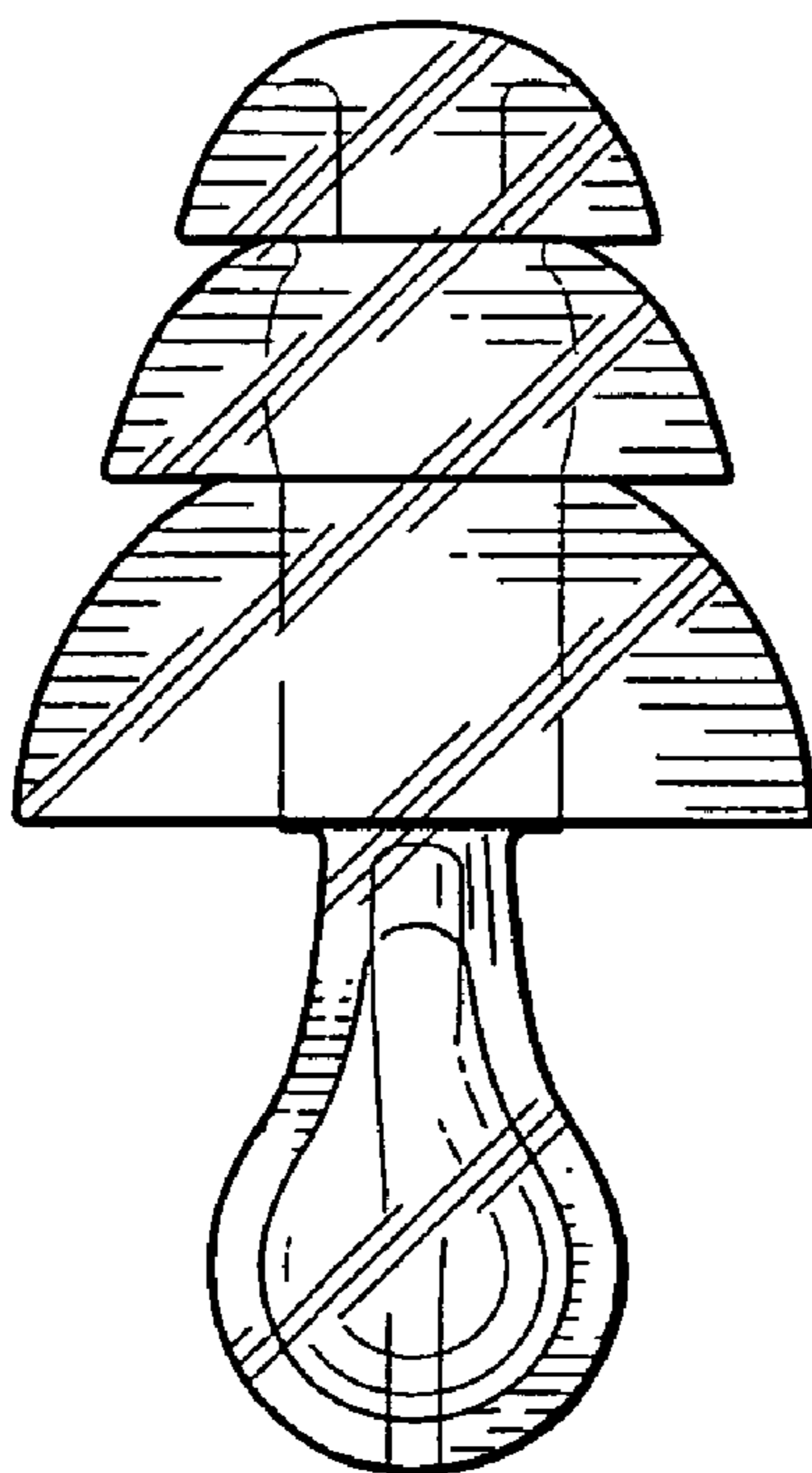
**FIG. 4**



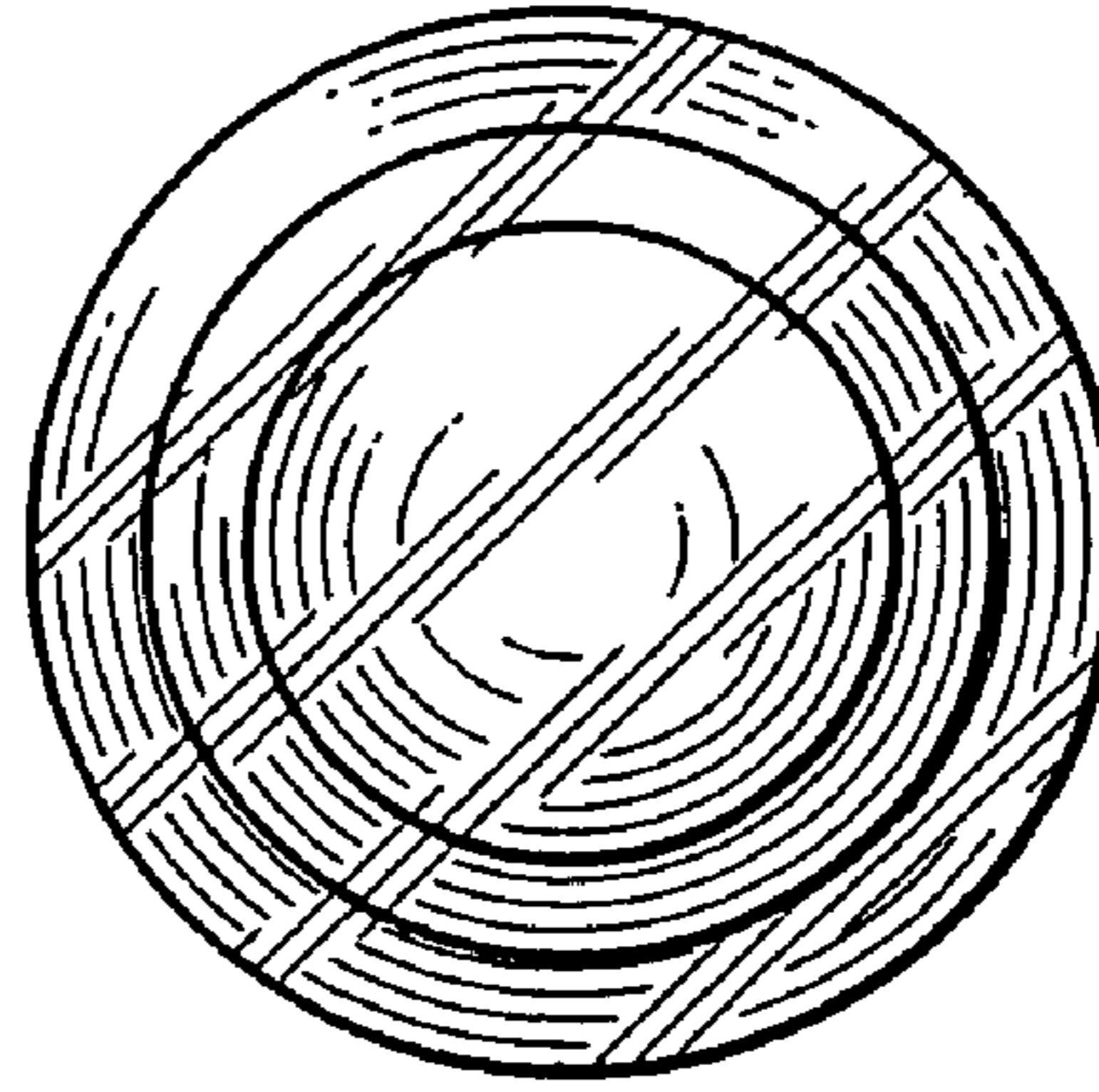
**FIG. 5**



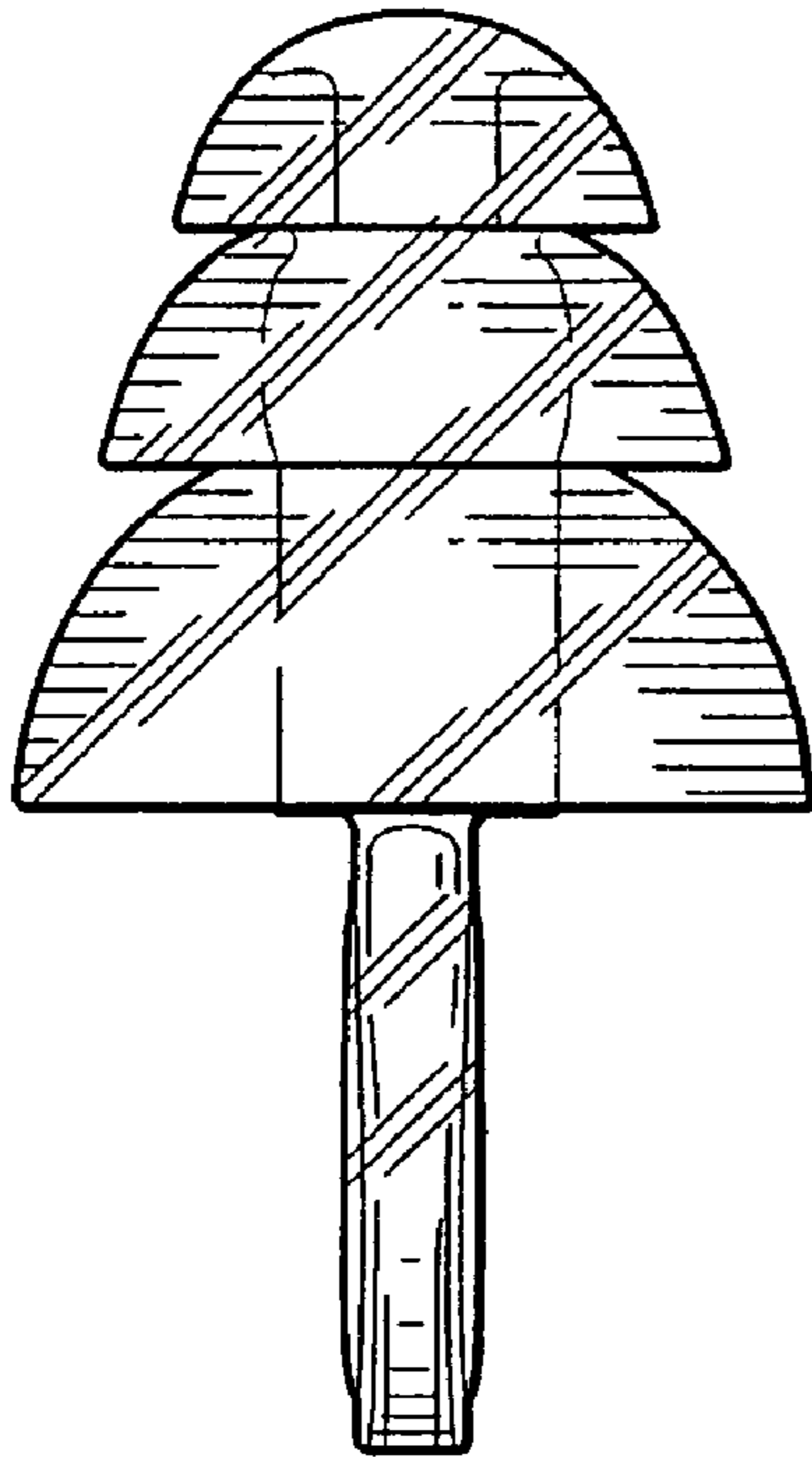
**FIG. 6**



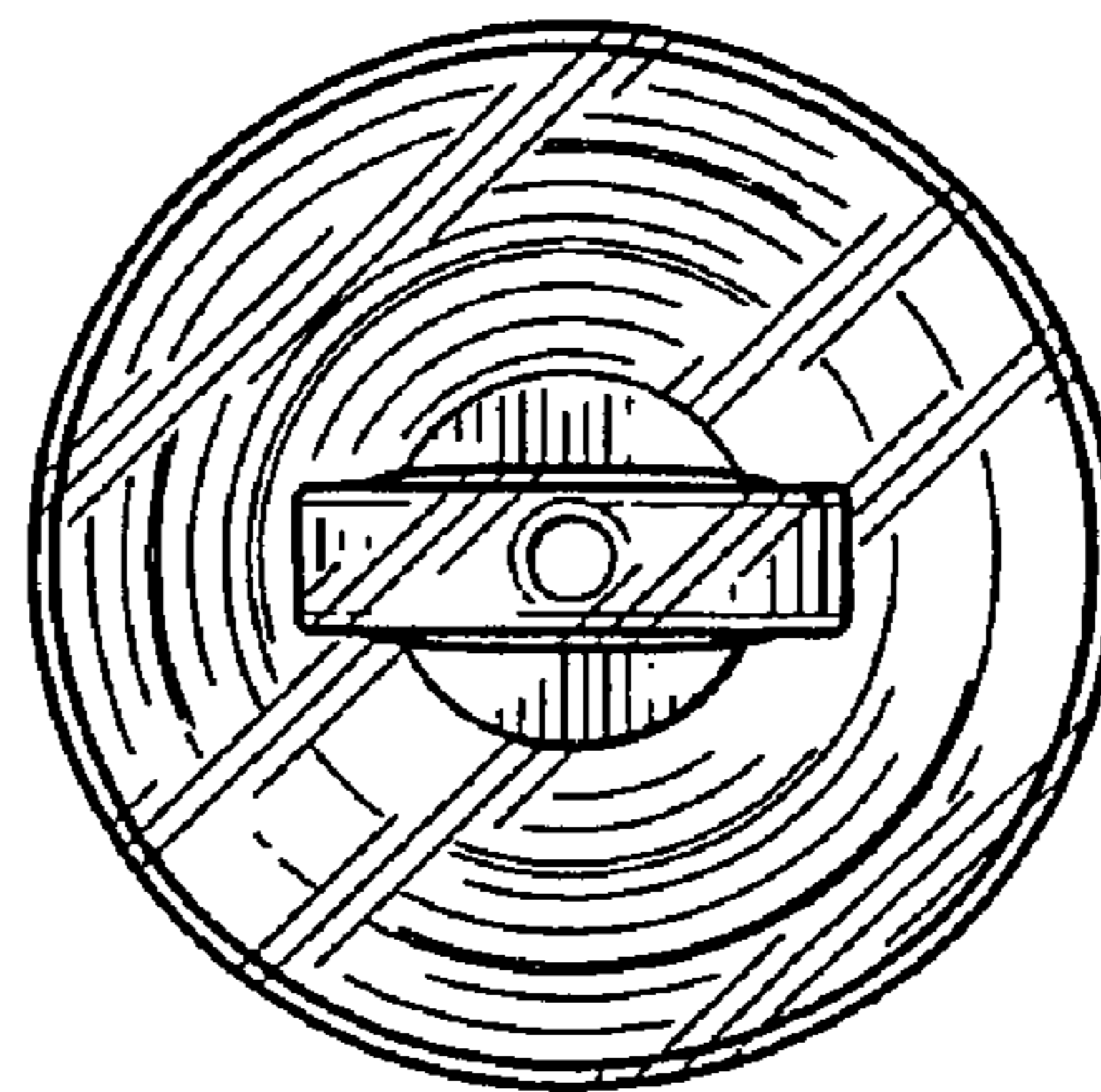
**FIG. 7**



**FIG. 8**



**FIG. 9**



**FIG. 10**