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(12) **United States Design Patent**
Arita et al.

(10) **Patent No.:** **US D484,537 S**

(45) **Date of Patent:** **** Dec. 30, 2003**

(54) **BALL-POINT PEN**

D472,575 S * 4/2003 Middleton et al. D19/43

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FOREIGN PATENT DOCUMENTS

JP 1029794 1/1999

(73) Assignee: **The Pilot Ink Co., Ltd.**, Aichi (JP)

* cited by examiner

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

Primary Examiner—Martie K. Holtje

(74) *Attorney, Agent, or Firm*—Sughrue Mion, PLLC

(21) Appl. No.: **29/177,233**

(57) **CLAIM**

(22) Filed: **Mar. 7, 2003**

The ornamental design for a ball-point pen, as shown and described.

(30) **Foreign Application Priority Data**

Sep. 9, 2002 (JP) 2002-024453

DESCRIPTION

(51) **LOC (7) Cl.** **19-06**

FIG. 1 is a perspective view of the top, front and right side of a ball-point pen showing our new design;

(52) **U.S. Cl.** **D19/43; D19/48; D19/57; D19/56**

FIG. 2 is a front elevational view thereof;

(58) **Field of Search** D19/35, 36, 41–51, D19/53, 54–58, 81–85; 401/6, 7, 88, 98, 202, 209, 213, 243–247, 261, 262, 196, 198

FIG. 3 is a rear elevational view thereof;

FIG. 4 is a left side elevational view thereof, the right side being a mirror image thereof;

FIG. 5 is a top plan view thereof;

FIG. 6 is a bottom plan view thereof;

(56) **References Cited**

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FIG. 7 is a side elevational view thereof with the cap removed for ease of illustration, the front, rear and opposite side being identical thereto;

FIG. 8 is a top plan view thereof;

FIG. 9 is a bottom plan view thereof;

FIG. 10 is a front elevational view of the cap, shown separately for ease of illustration;

FIG. 11 is a rear elevational view thereof;

FIG. 12 is a left side elevational view thereof, the opposite side being a mirror image thereof;

FIG. 13 is a top plan view thereof; and,

FIG. 14 is a bottom plan view thereof.

1 Claim, 3 Drawing Sheets

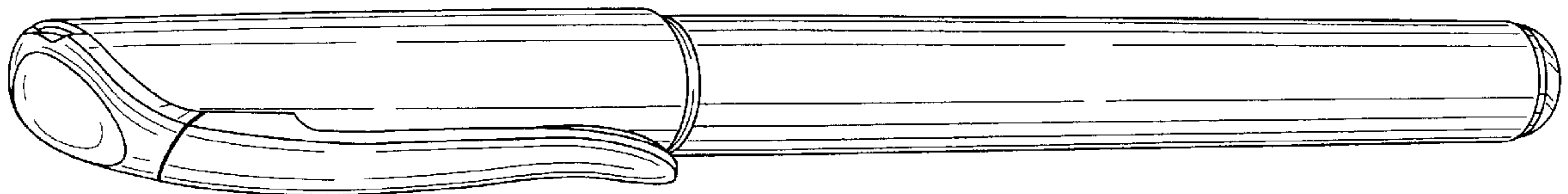


FIG. 1

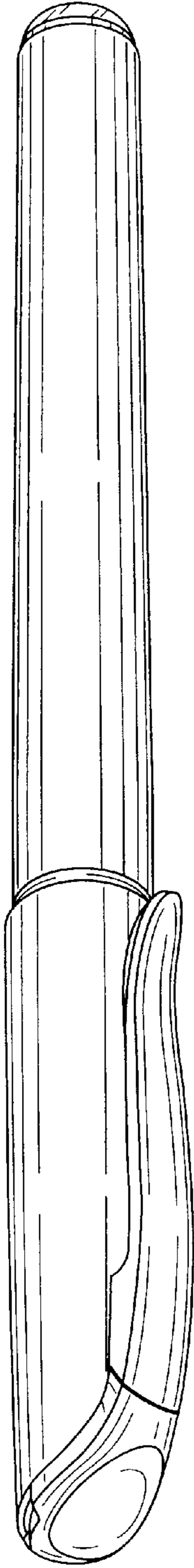


FIG. 2

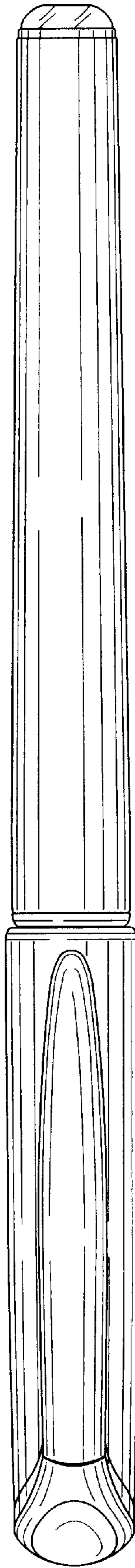


FIG. 3

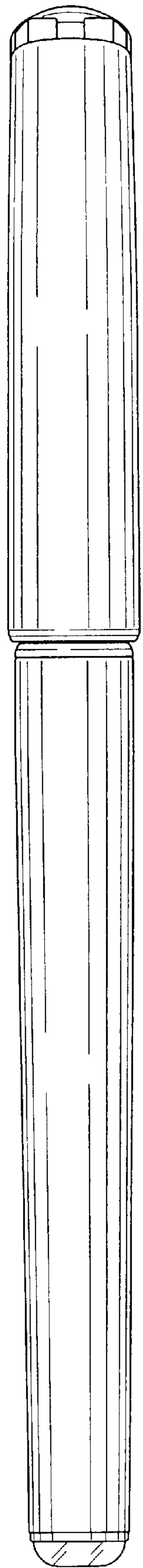


FIG. 4

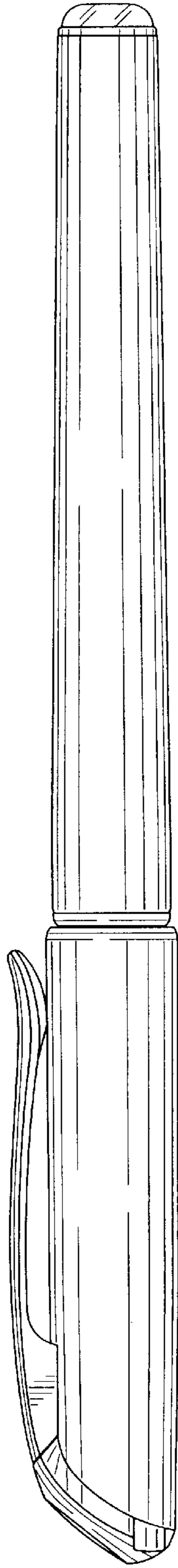


FIG. 5

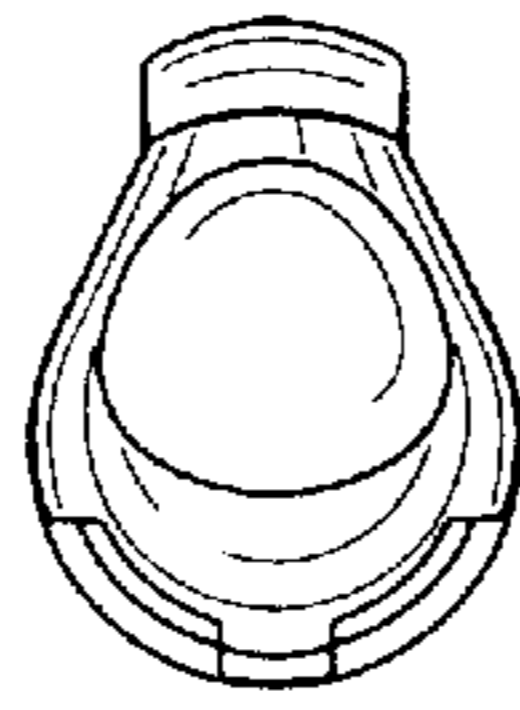


FIG. 6

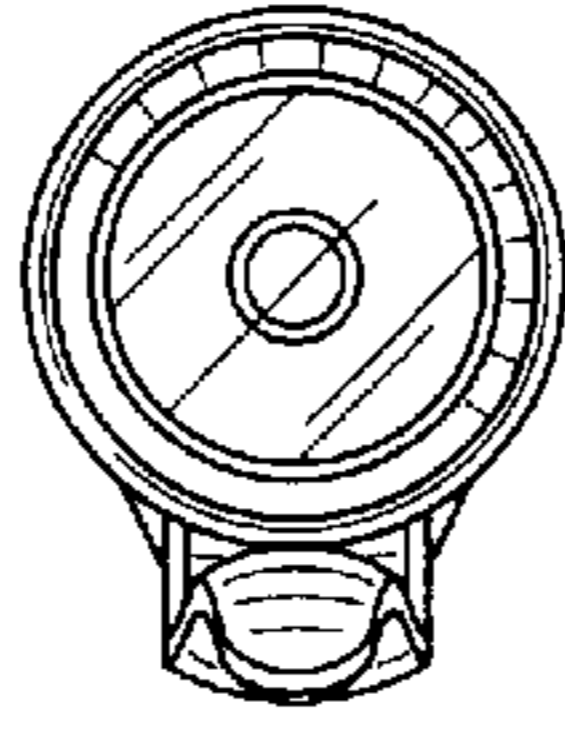


FIG. 7



FIG. 8

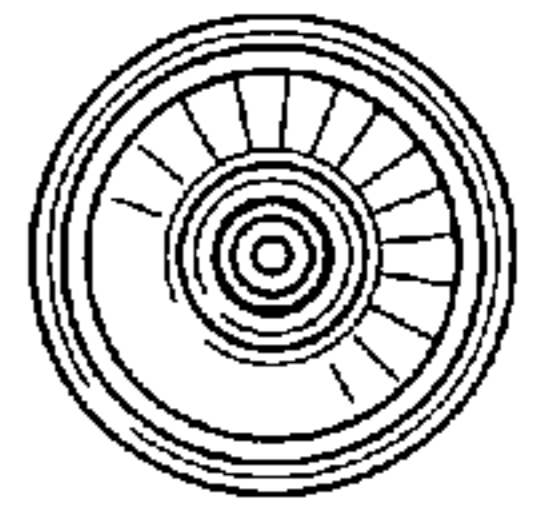


FIG. 9

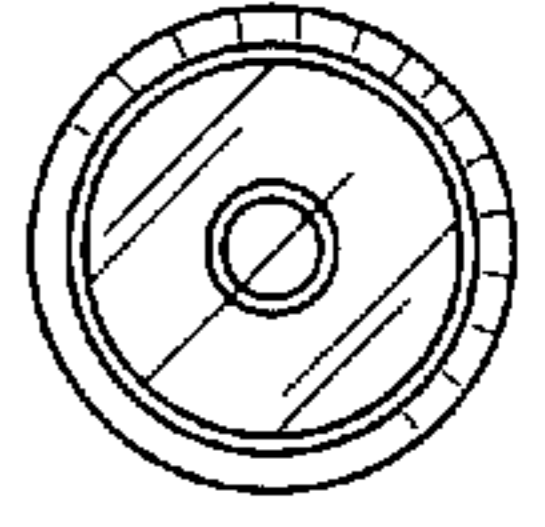


FIG. 10

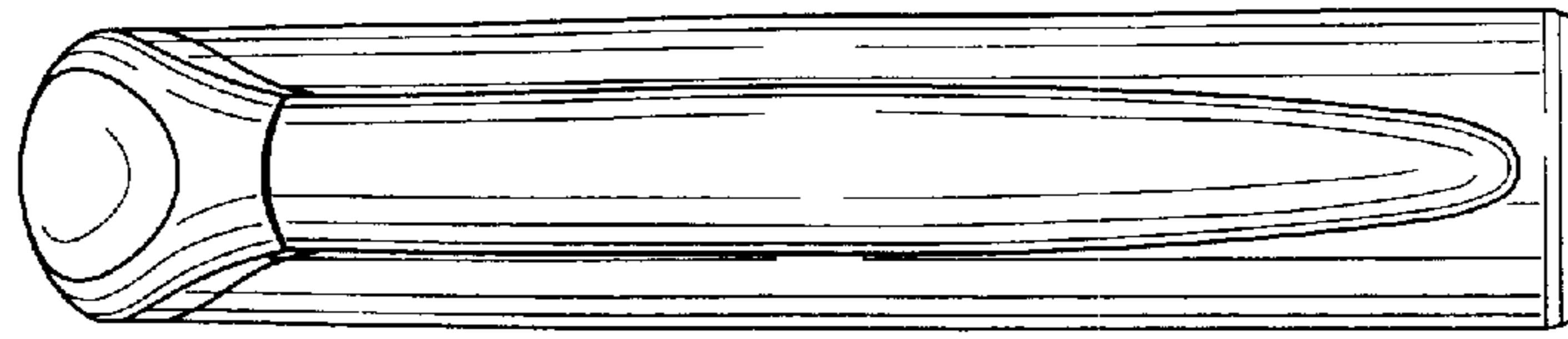


FIG. 11

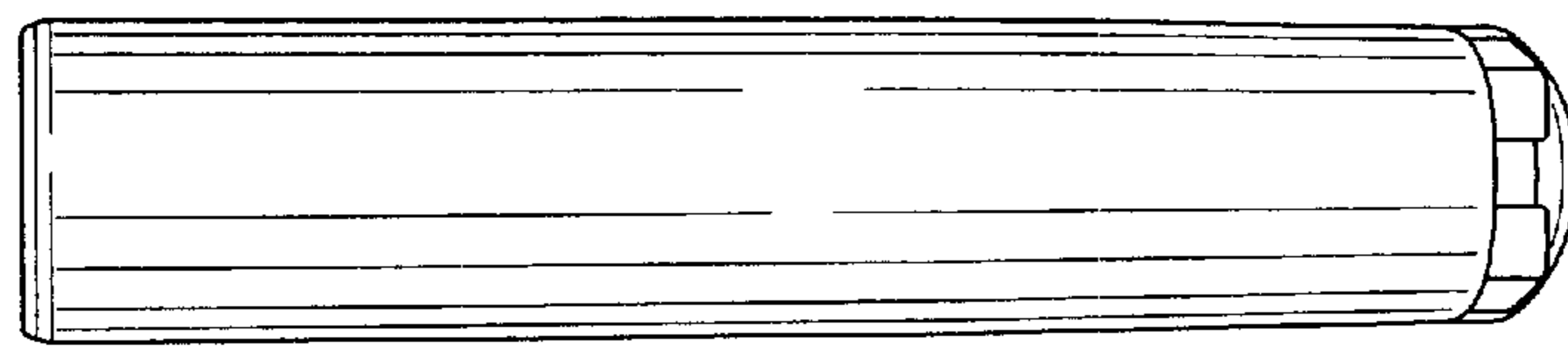


FIG. 12

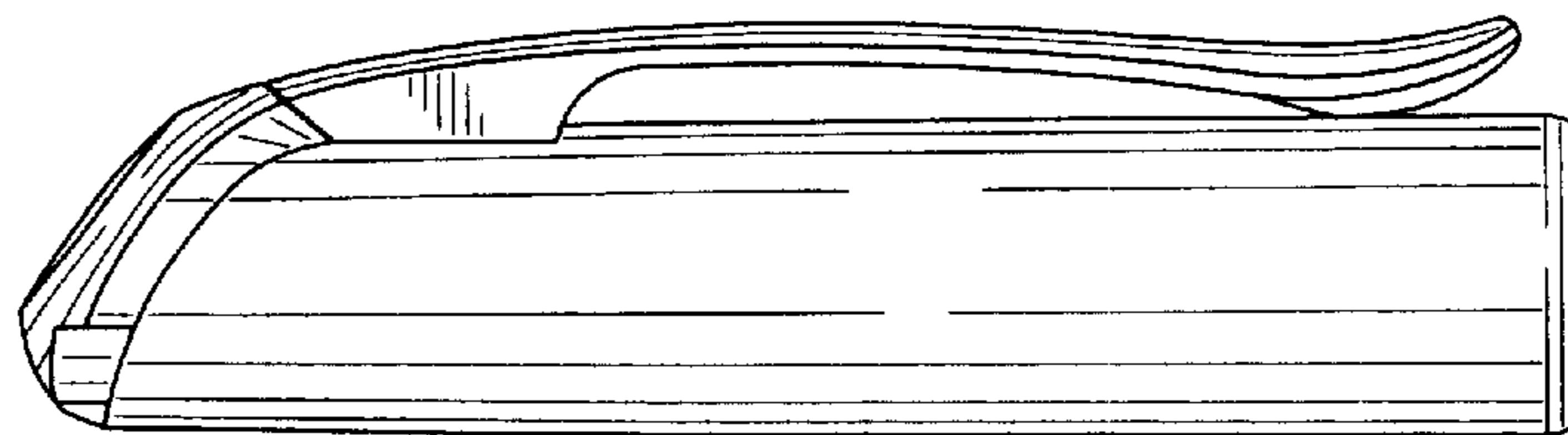


FIG. 13

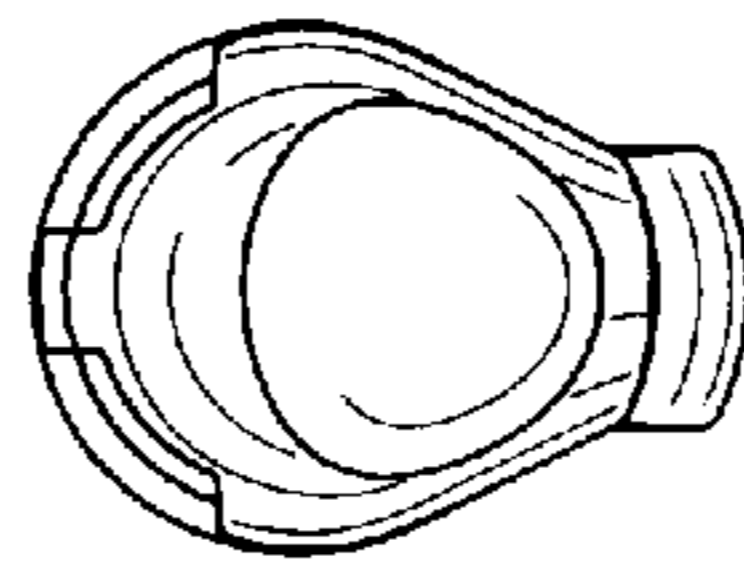


FIG. 14

