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

(10) **Patent No.:** **US D472,579 S**

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(54) **BALL-POINT PEN**

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

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

(52) **U.S. Cl.** ..... **D19/51; D19/55; D19/56**

(58) **Field of Search** ..... **D19/35, 36, 41-51, D19/53-58, 81-85; 401/99, 91, 100, 101, 103-106, 107-110, 111-117, 209, 6, 7, 88**

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D146,215 S	*	1/1947	Florman	.....	D19/51
2,655,131 A	*	10/1953	Wendt	.....	401/91
3,045,593 A	*	7/1962	Petterson	.....	401/112 X
3,094,105 A	*	6/1963	Jenkins	.....	401/209 X
D226,338 S	*	2/1973	Tailer	.....	D19/51

D333,152 S \* 2/1993 Anavil et al. .... D19/55

6,056,462 A \* 5/2000 Fukai et al. .... 401/6

D433,448 S \* 11/2000 Rosenbaum ..... D19/51

6,146,038 A \* 11/2000 Mittersinker et al. .... 401/6

D450,765 S \* 11/2001 Rosenbaum ..... D19/36

\* cited by examiner

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(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a perspective view of a ball-point pen embodying my design.

FIG. 2 is a top plan view thereof;

FIG. 3 is a bottom plan view thereof;

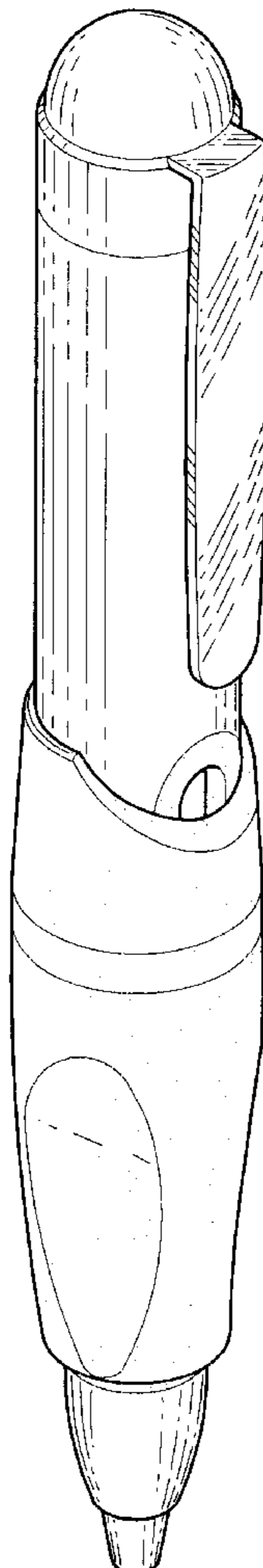
FIG. 4 is a left elevational view thereof;

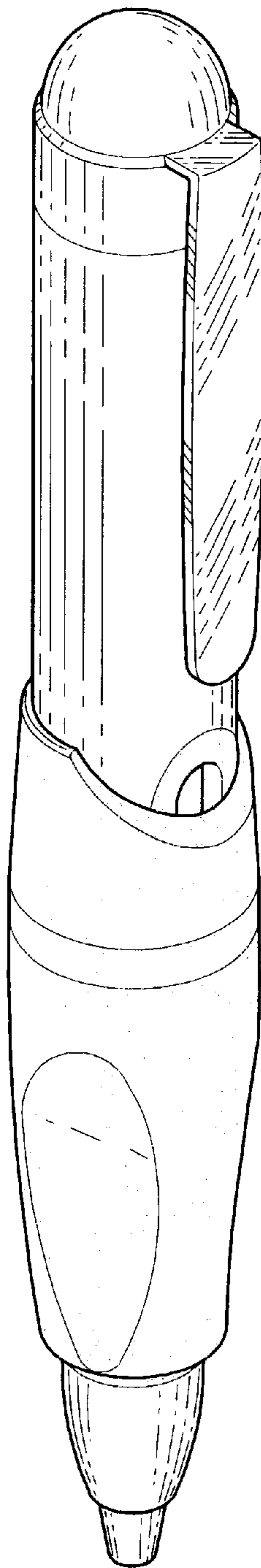
FIG. 5 is a right elevational view thereof;

FIG. 6 is a rear elevational view thereof; and,

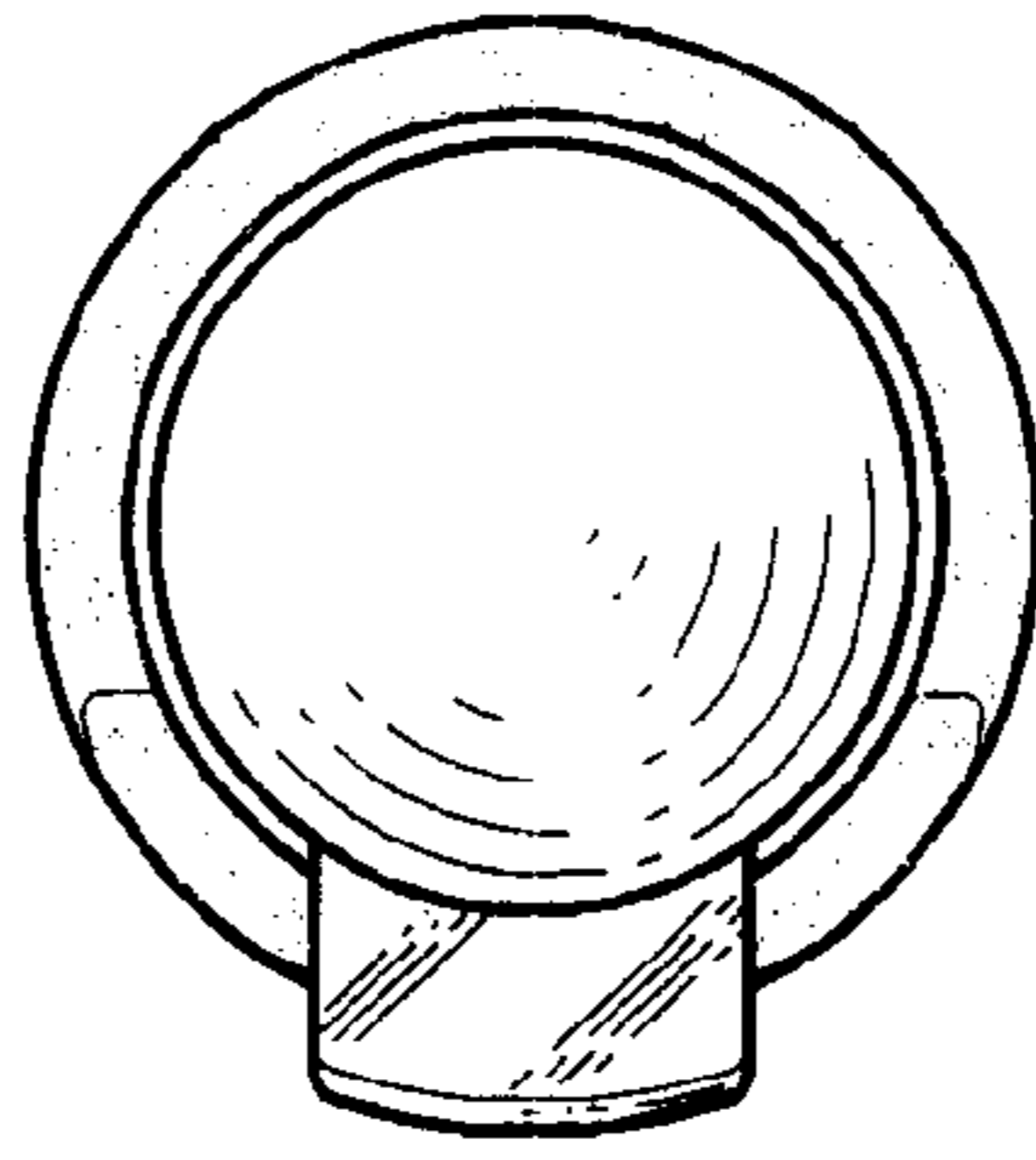
FIG. 7 is a front elevational view thereof.

**1 Claim, 4 Drawing Sheets**

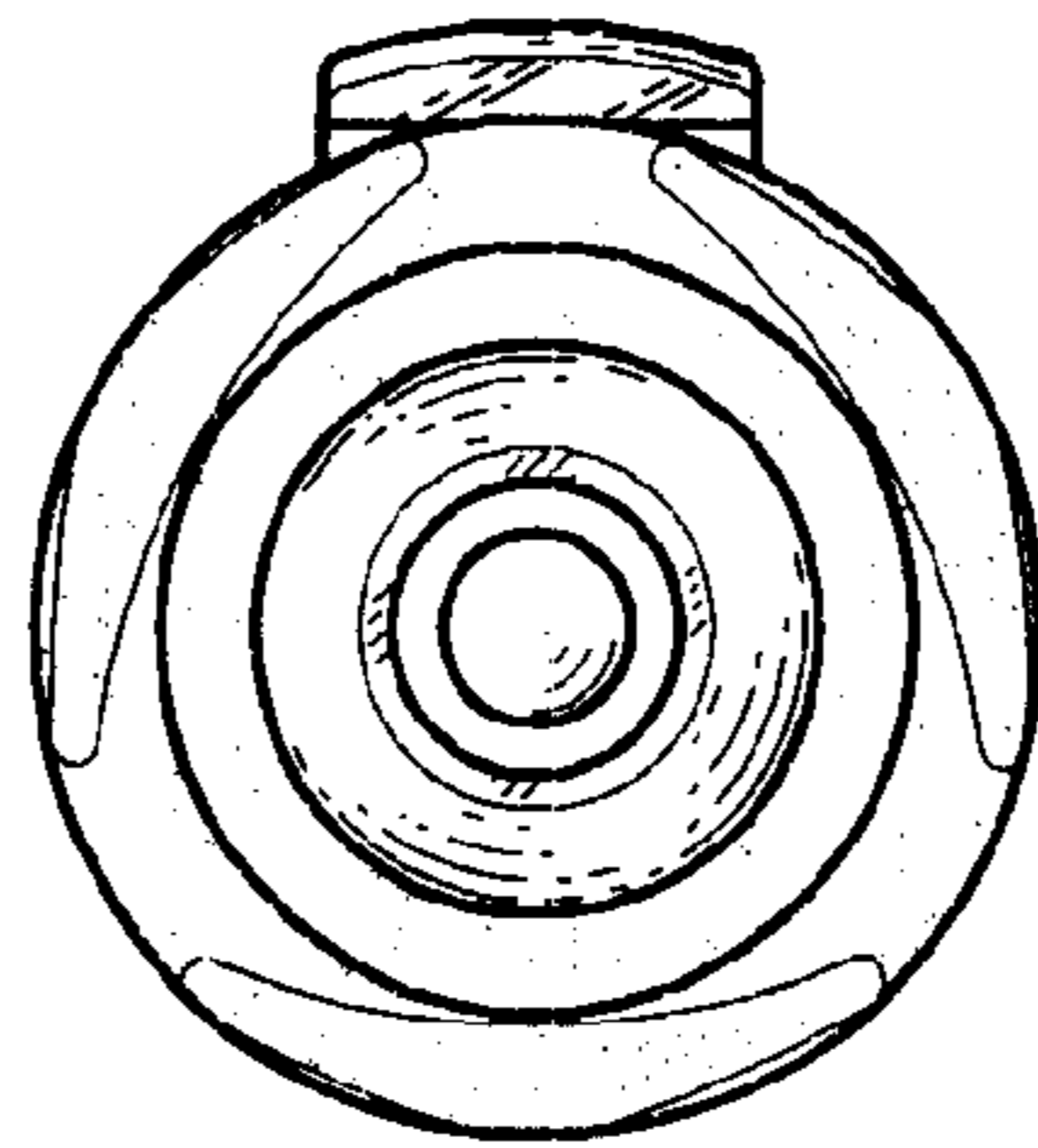




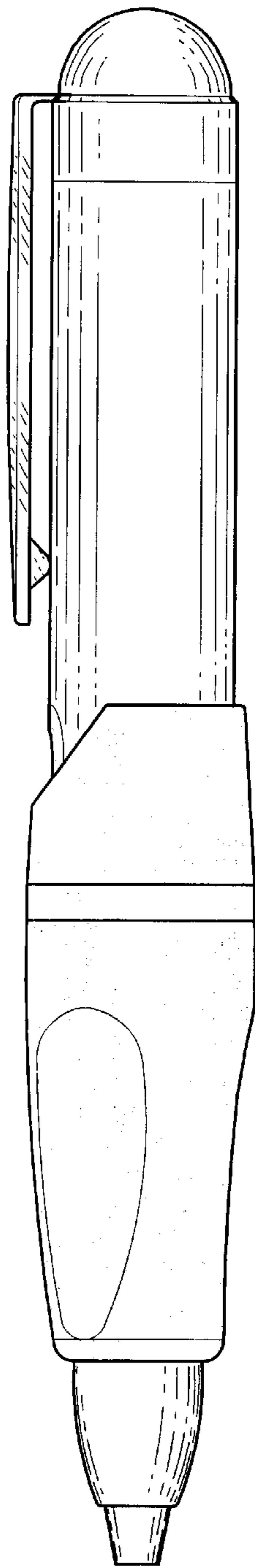
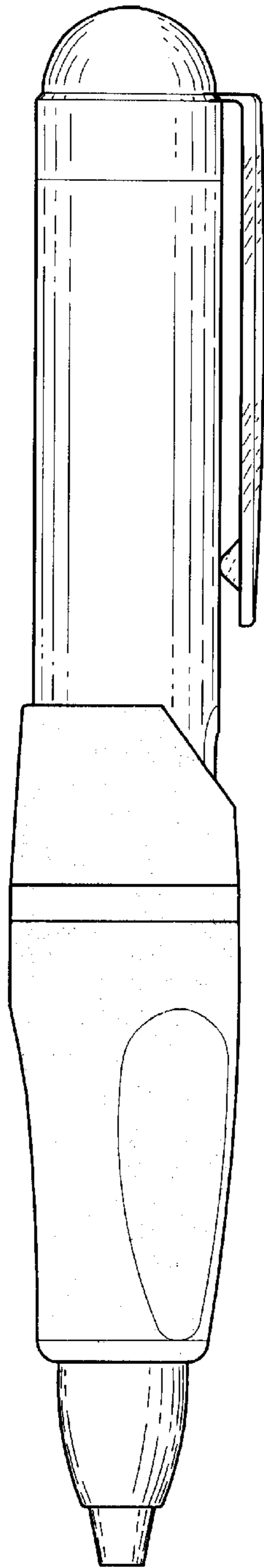
*FIG. 1*



*FIG. 2*

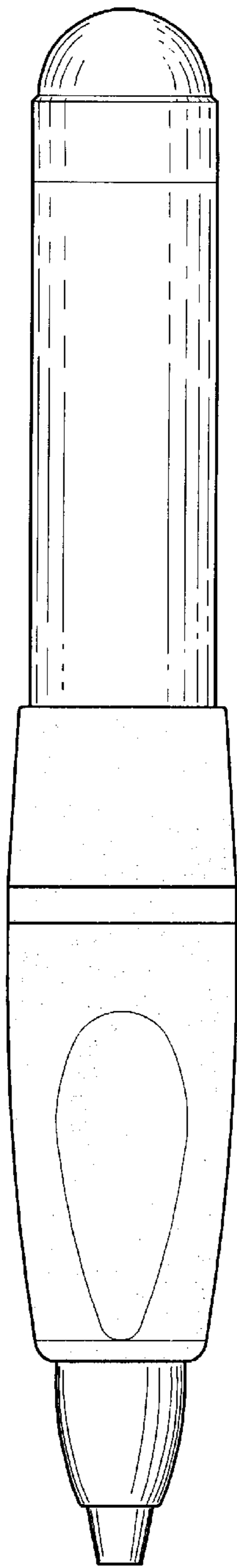


*FIG. 3*

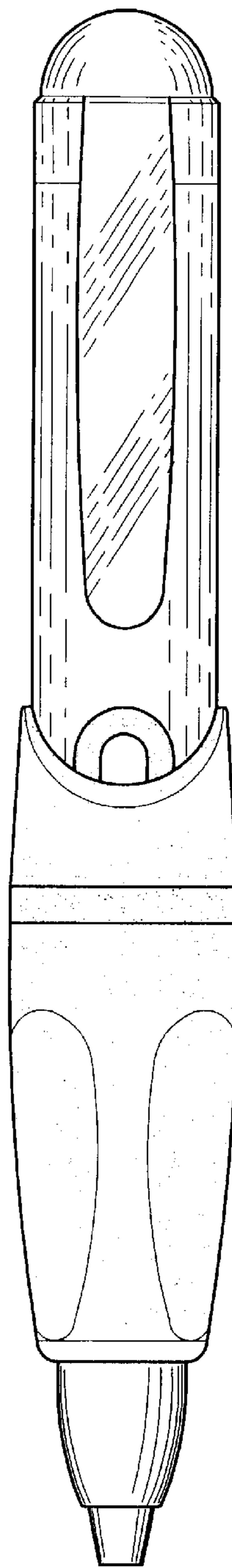


*FIG. 4*

*FIG. 5*



*FIG. 6*



*FIG. 7*