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

(10) **Patent No.:** **US D450,534 S**

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(54) **MULTI-PURPOSE LIGHTER**

(76) **Inventor:** **Boqi Wang**, 5690 Bandini Blvd., Bell, CA (US) 90201

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

(21) **Appl. No.:** **29/121,866**

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(51) **LOC (7) Cl.** **07-99**

(52) **U.S. Cl.** **D7/416**

(58) **Field of Search** D7/416, 417; 126/409, 126/414, 406, 25 B; 431/254, 255, 13, 143, 273, 288, 260; 417/411; 361/260, 262; D27/154, 131

(56) **References Cited**

U.S. PATENT DOCUMENTS

- D. 327,813 * 7/1992 Shike et al. D7/416
- D. 377,736 * 2/1997 Iwagaki et al. D7/416
- D. 421,876 * 3/2000 Hsu D7/416

- D. 435,397 * 12/2000 Sung D7/416
- D. 443,474 * 6/2001 Shibata et al. D7/416
- 4,810,173 * 3/1989 Thomson et al. 417/411

* cited by examiner

Primary Examiner—M. N. Pandozzi

(74) *Attorney, Agent, or Firm*—Raymond Y. Chan; David and Raymond Patent Group

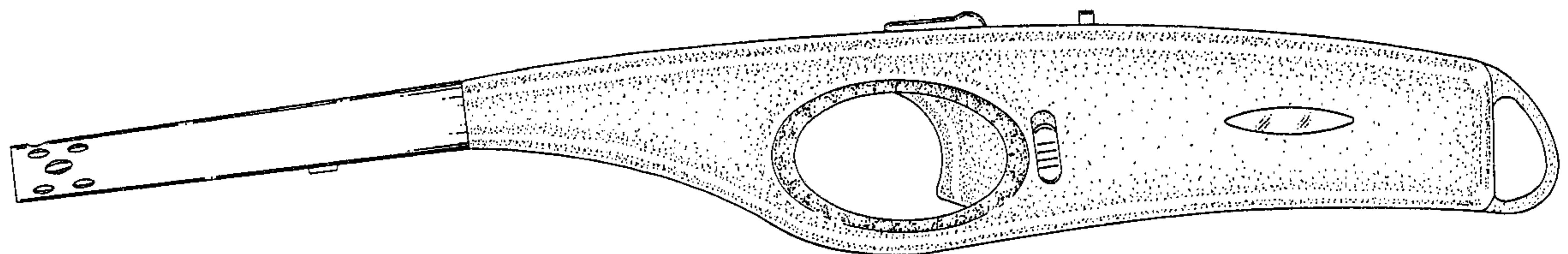
(57) **CLAIM**

The ornamental design for a multi-purpose lighter, as shown.

DESCRIPTION

- FIG. 1 is a perspective view showing my new design.
- FIG. 2 is a front view thereof.
- FIG. 3 is a rear view thereof.
- FIG. 4 is a left end view thereof.
- FIG. 5 is a right end view thereof.
- FIG. 6 is a top view thereof; and,
- FIG. 7 is a bottom view thereof.

1 Claim, 6 Drawing Sheets



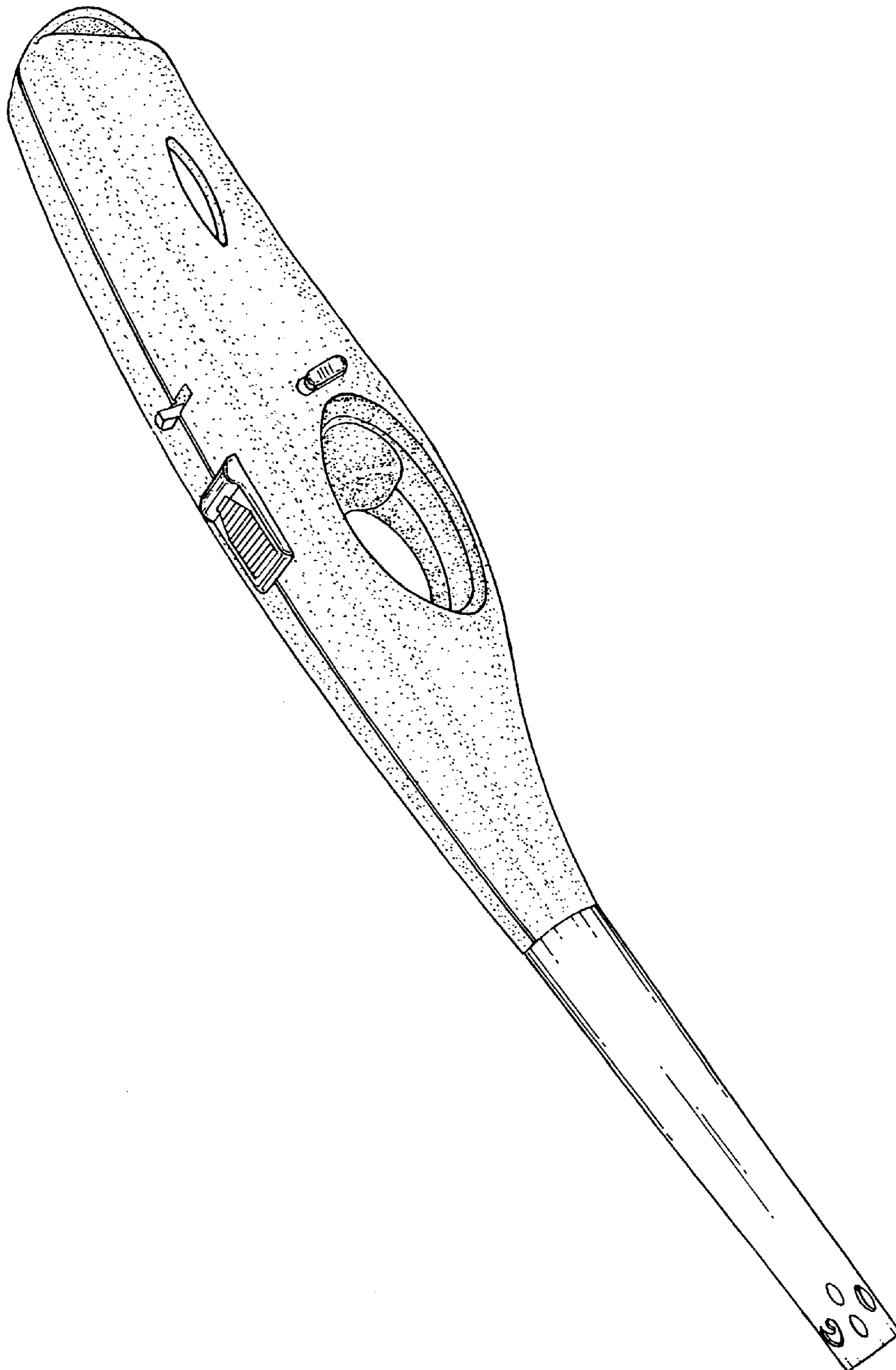


FIG. 1

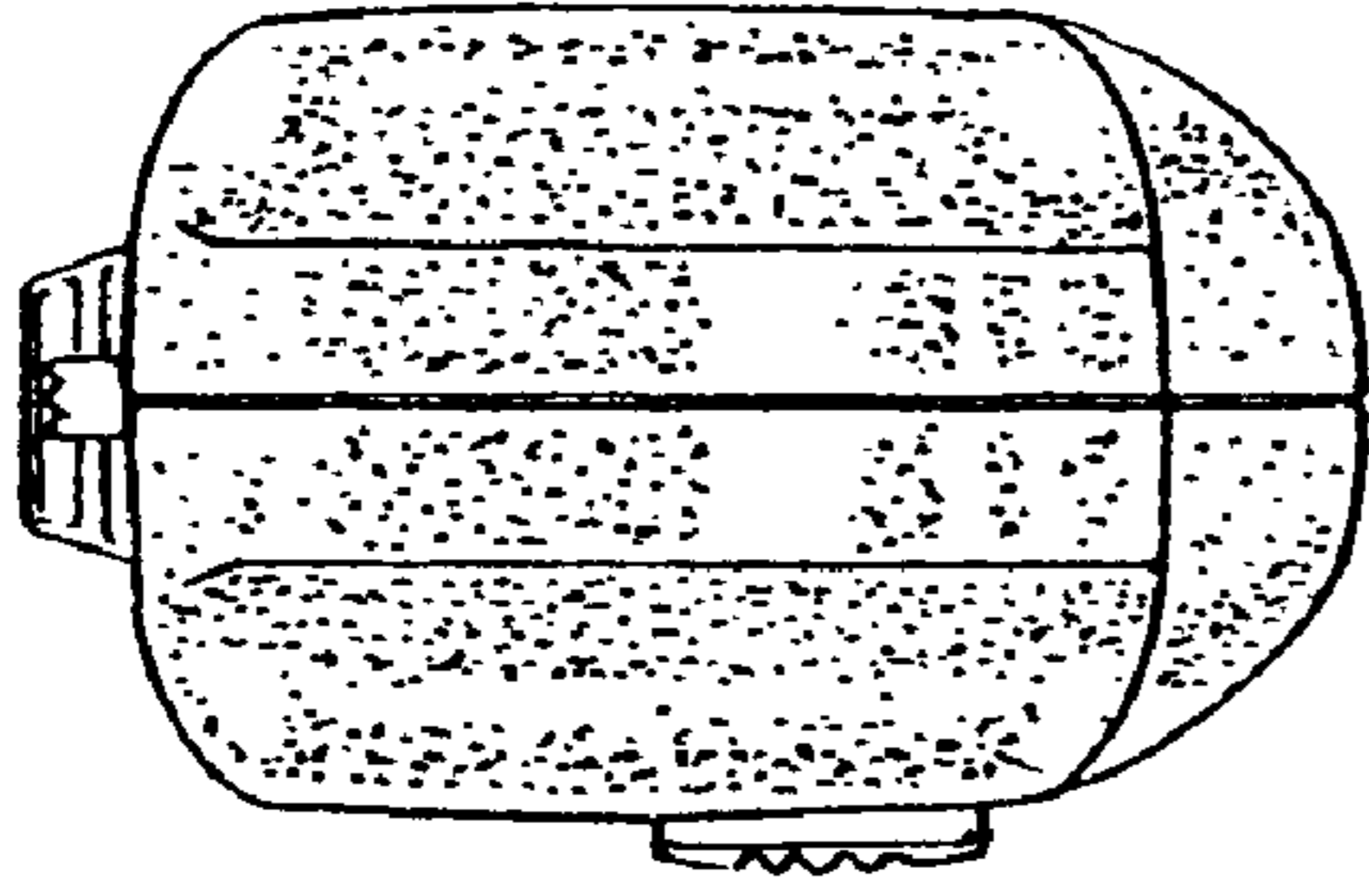


FIG. 3

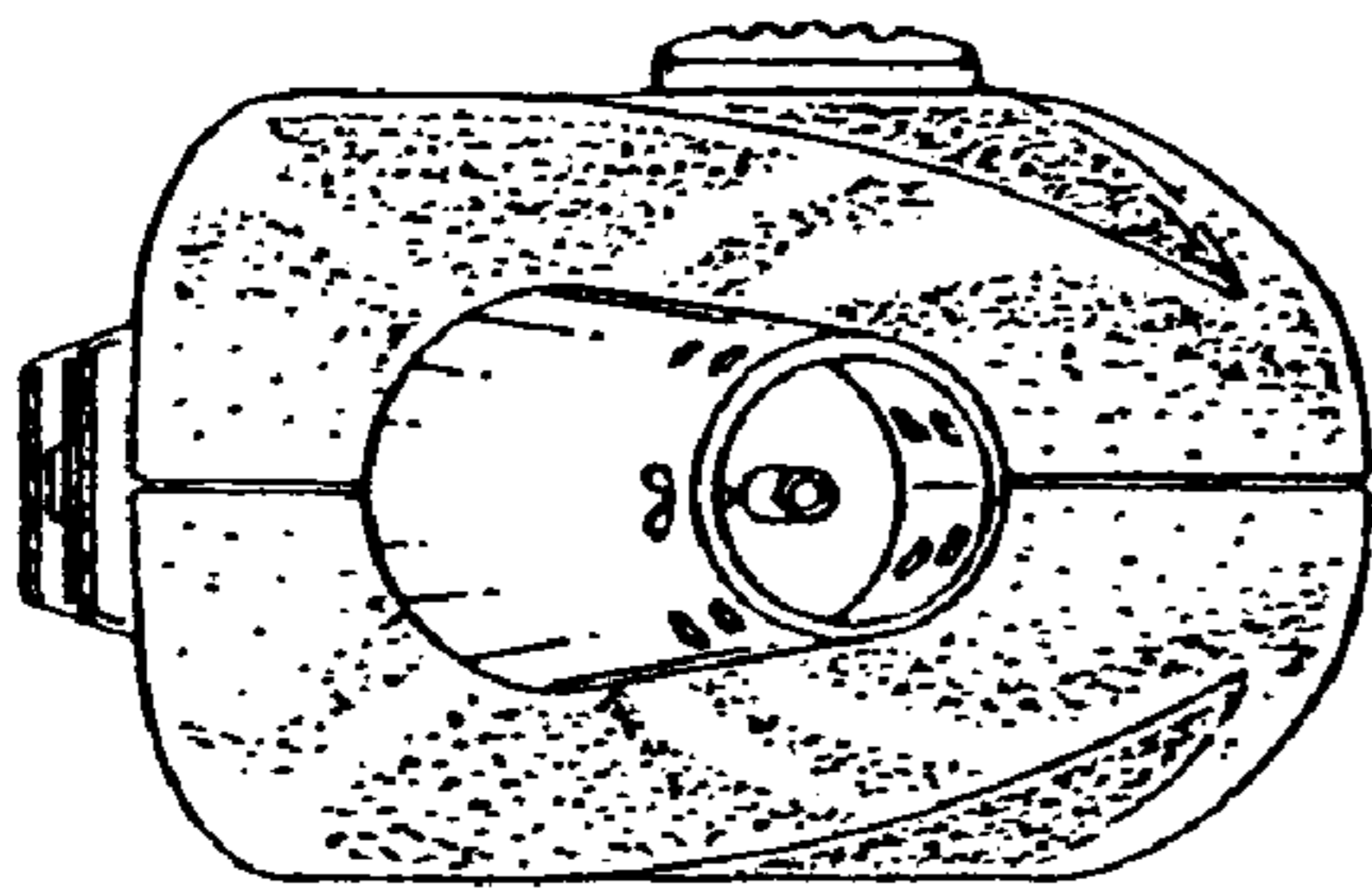


FIG. 2

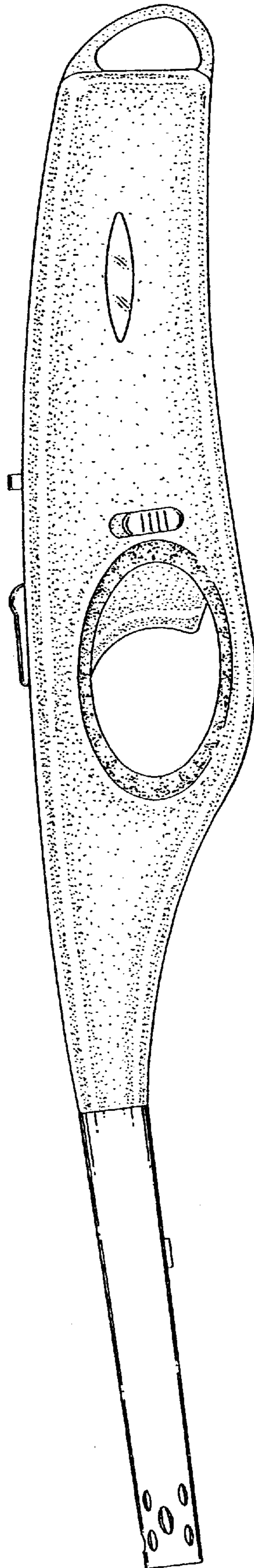


FIG. 4

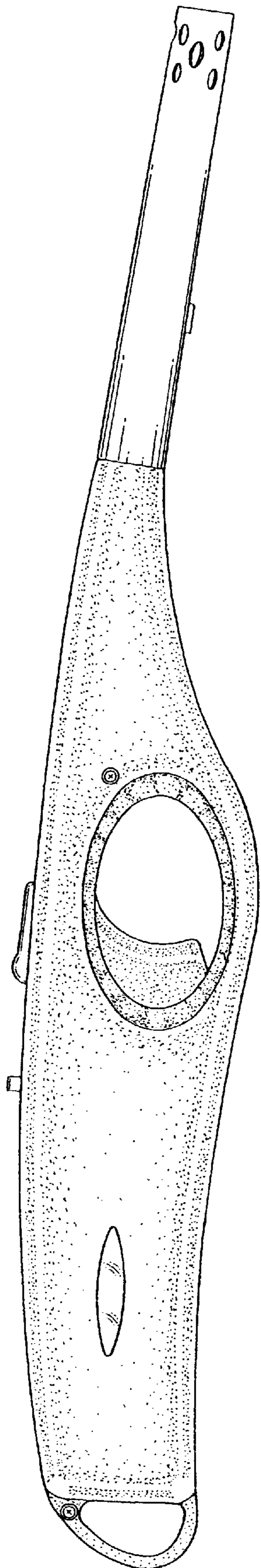


FIG. 5

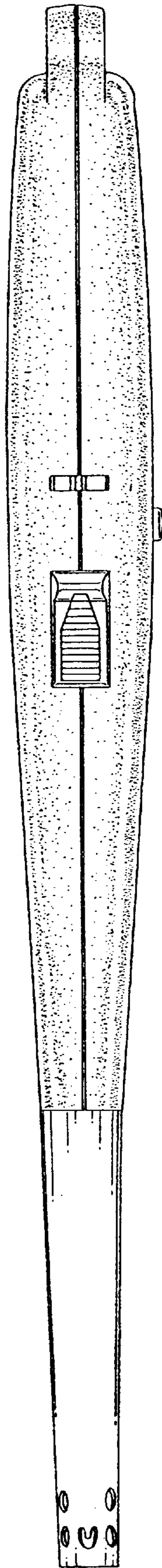


FIG. 6

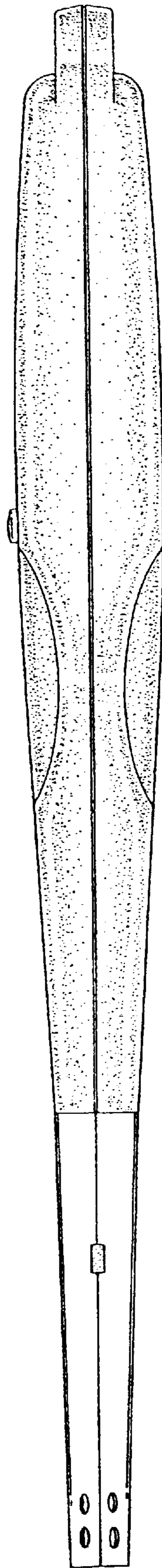


FIG. 7