



US00D492723S1

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

(10) **Patent No.:** **US D492,723 S**
(45) **Date of Patent:** **** Jul. 6, 2004**

(54) **BALL-POINT PEN**

(76) **Inventor:** **Shu-Hui Kuo Chiang**, No. 37, Renai St., Shulin City, Taipei Hsien (TW)

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

(21) **Appl. No.:** **29/179,837**

(22) **Filed:** **Apr. 16, 2003**

(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; 401/6, 7, 8, 88, 99, 100, 101, 103-106, 107-110, 111-117, 209; 24/10 R, 11 R, 11 C, 11 P, 11 PP**

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,459,517 A	*	6/1923	Sawyer	.....	D19/55 X
D92,534 S	*	6/1934	Hale	.....	D19/51
D228,369 S	*	9/1973	Longarzo	.....	D19/51
4,932,800 A	*	6/1990	Lin et al.	.....	401/6
D338,915 S	*	8/1993	Willat	.....	D19/46 X

D443,446 S	*	11/2000	Rosenbaum	.....	D19/51
6,146,038 A	*	11/2000	Mittersinker et al.	.....	401/6
D448,805 S	*	10/2001	Willat et al.	.....	D19/55
D472,579 S	*	4/2003	Chiang	.....	D19/51
D474,809 S	*	5/2003	Willat et al.	.....	D19/51

* cited by examiner

Primary Examiner—Martie K. Holtje

(74) *Attorney, Agent, or Firm*—Harrison & Egbert

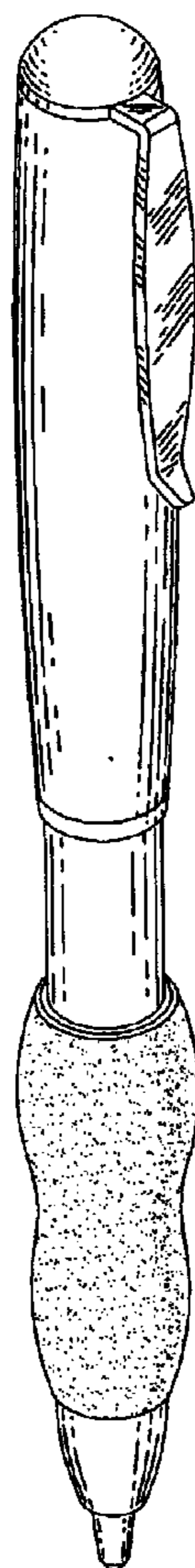
(57) **CLAIM**

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

DESCRIPTION

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

1 Claim, 4 Drawing Sheets



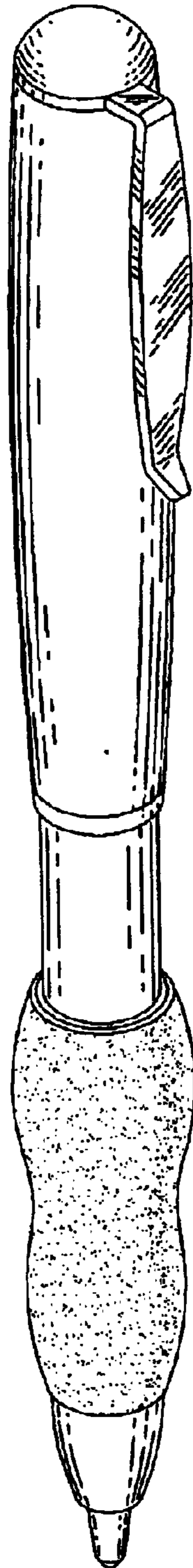


FIG. 1

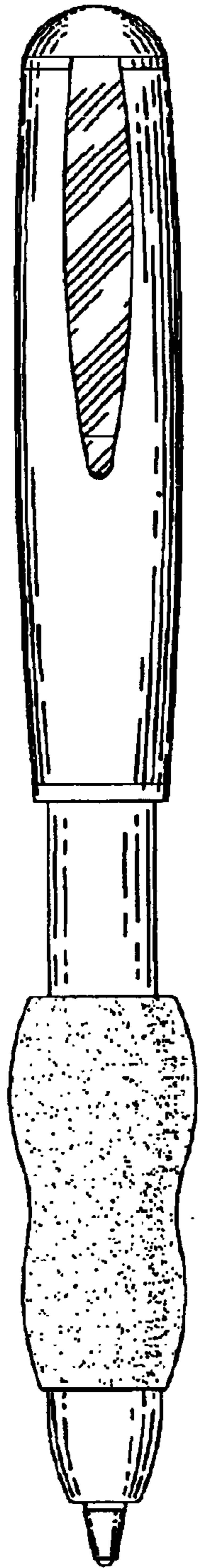


FIG. 2

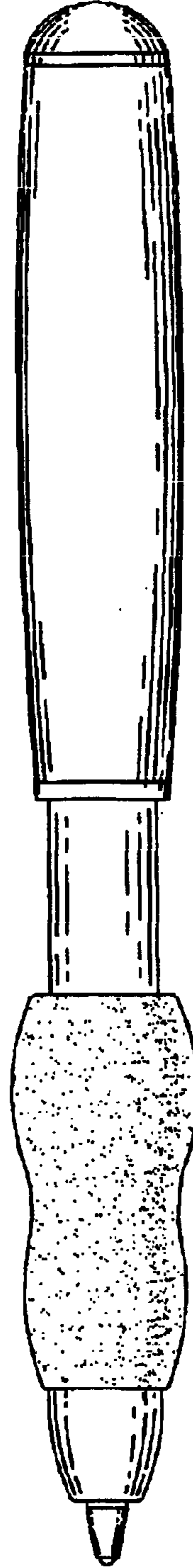


FIG. 3

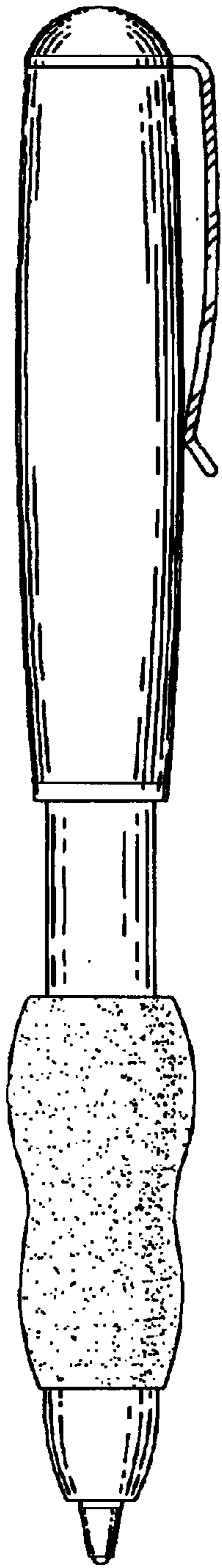


FIG. 4

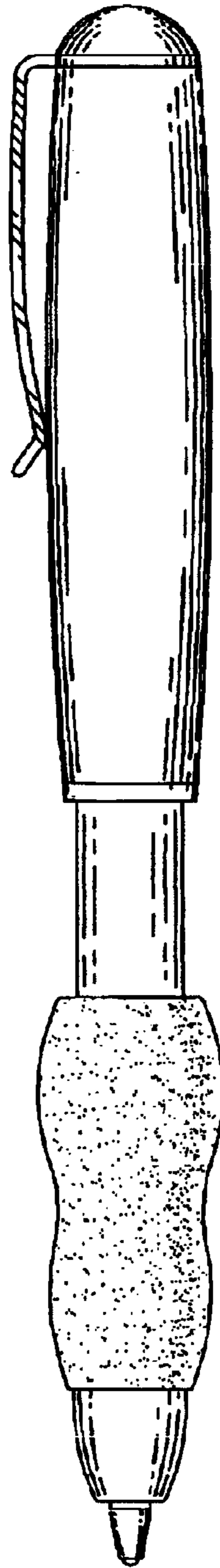


FIG. 5

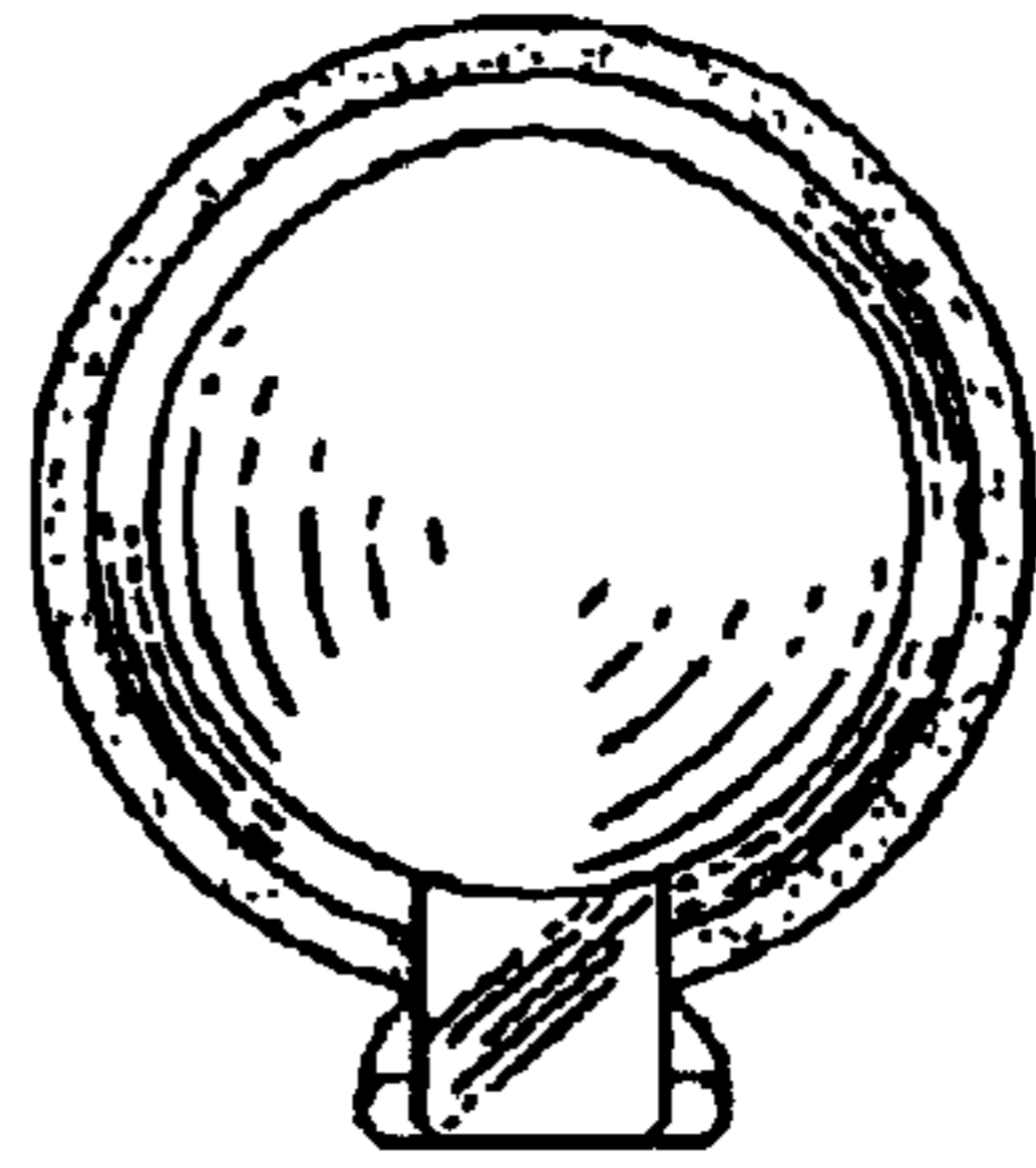


FIG. 6

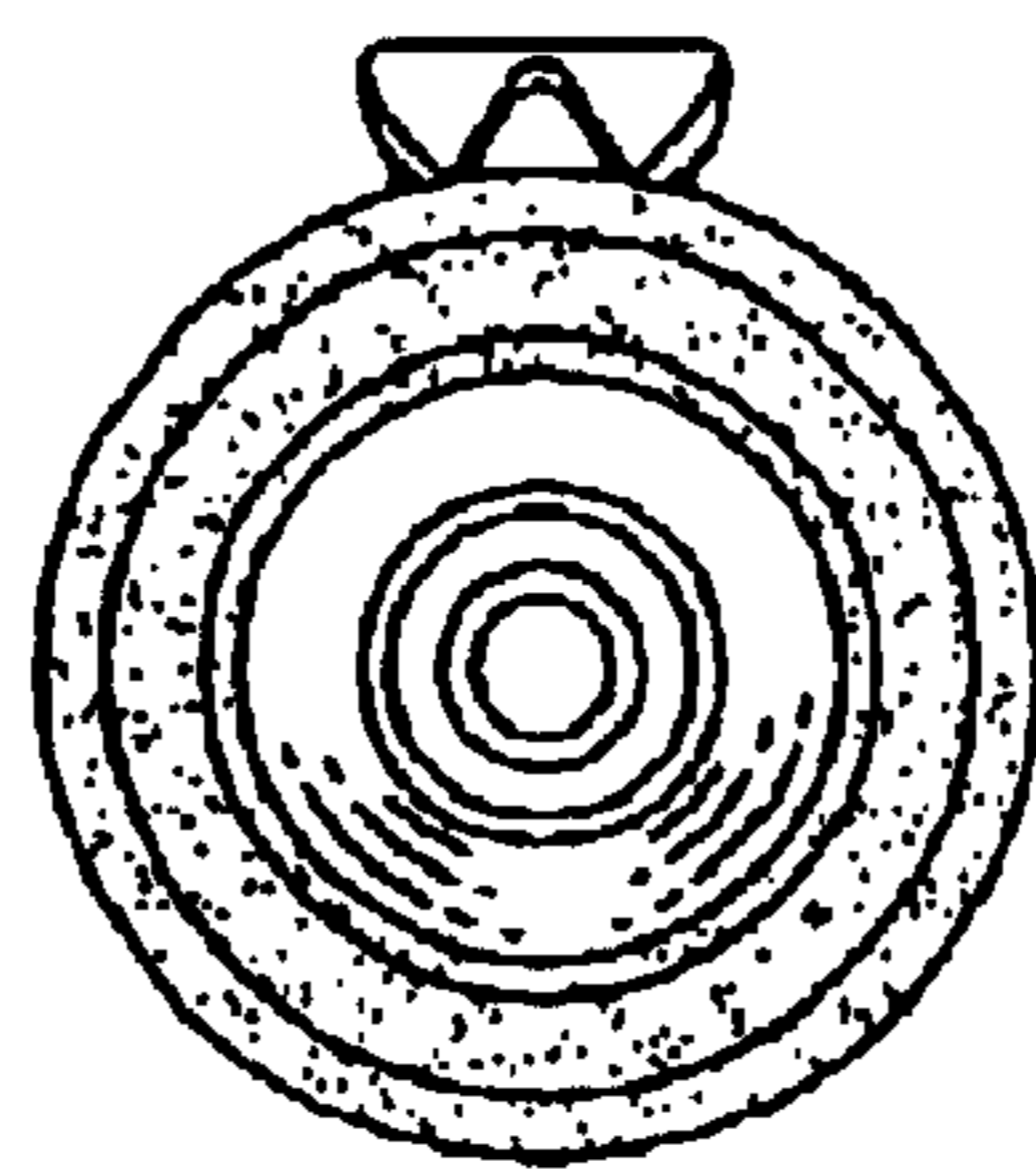


FIG. 7