



US00D724455S

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

(10) **Patent No.:** **US D724,455 S**  
(45) **Date of Patent:** **\*\* Mar. 17, 2015**

(54) **LASER RANGE METER**

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

(21) Appl. No.: **29/479,228**

(22) Filed: **Jan. 14, 2014**

(51) **LOC (10) Cl.** ..... **10-04**

(52) **U.S. Cl.**  
USPC ..... **D10/78**

(58) **Field of Classification Search**

CPC ..... G01C 3/08; G01C 3/02; G01C 15/002;  
G01C 15/004; G01D 11/29; G01S 7/51;  
G01S 7/4813; G01S 7/497; G01S 7/06;  
G01S 7/023; G01S 7/08; G01S 7/32; G01S  
7/36; G01S 17/06; G01S 17/023; G01S 17/08;  
G01S 17/32; G01S 17/36; G01S 7/491;  
G01S 7/4911  
USPC ..... D10/65, 70, 78; 73/1.79; 356/3.01, 3.1,  
356/4.01, 4.1, 5.01, 5.02, 5.09, 5.1, 5.11,  
356/5.12, 5.15

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

6,324,888 B1 \* 12/2001 Schmidt et al. .... 73/1.79  
7,075,626 B2 \* 7/2006 Schmidt et al. .... 356/5.09  
D538,188 S \* 3/2007 Liu ..... D10/70  
D539,680 S \* 4/2007 Liu et al. .... D10/70  
D539,690 S \* 4/2007 Allin ..... D11/43  
7,259,837 B2 \* 8/2007 Stierle et al. .... 356/5.01  
D574,276 S \* 8/2008 Burkandt ..... D10/70

D576,895 S \* 9/2008 Burkandt ..... D10/70  
D589,826 S \* 4/2009 Kiesel ..... D10/70  
D590,281 S \* 4/2009 Kiesel ..... D10/70  
D594,359 S \* 6/2009 Aglassinger ..... D10/70  
D594,360 S \* 6/2009 Aglassinger ..... D10/70  
D607,352 S \* 1/2010 Hackenberg ..... D10/70  
D607,353 S \* 1/2010 Hackenberg ..... D10/70  
8,111,382 B2 \* 2/2012 Wolf et al. .... 356/4.01  
D670,582 S \* 11/2012 Matuschek et al. .... D10/70  
D673,062 S \* 12/2012 Marzynski ..... D10/70  
D687,726 S \* 8/2013 Aglassinger ..... D10/65  
D692,329 S \* 10/2013 Burkandt et al. .... D10/70  
D692,330 S \* 10/2013 Burkandt et al. .... D10/70  
8,681,318 B2 \* 3/2014 Skultety-Betz et al. .... 356/4.01

\* cited by examiner

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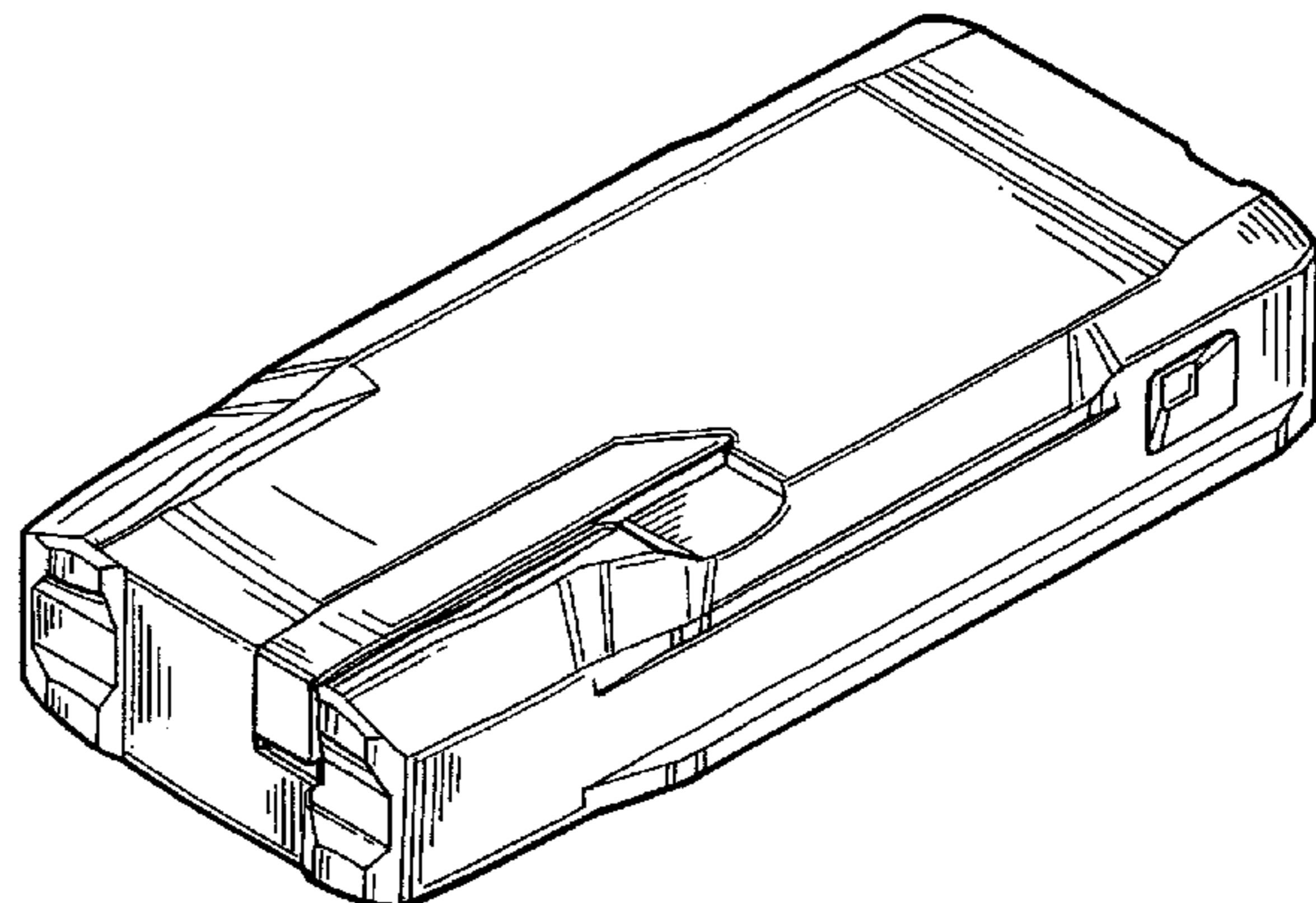
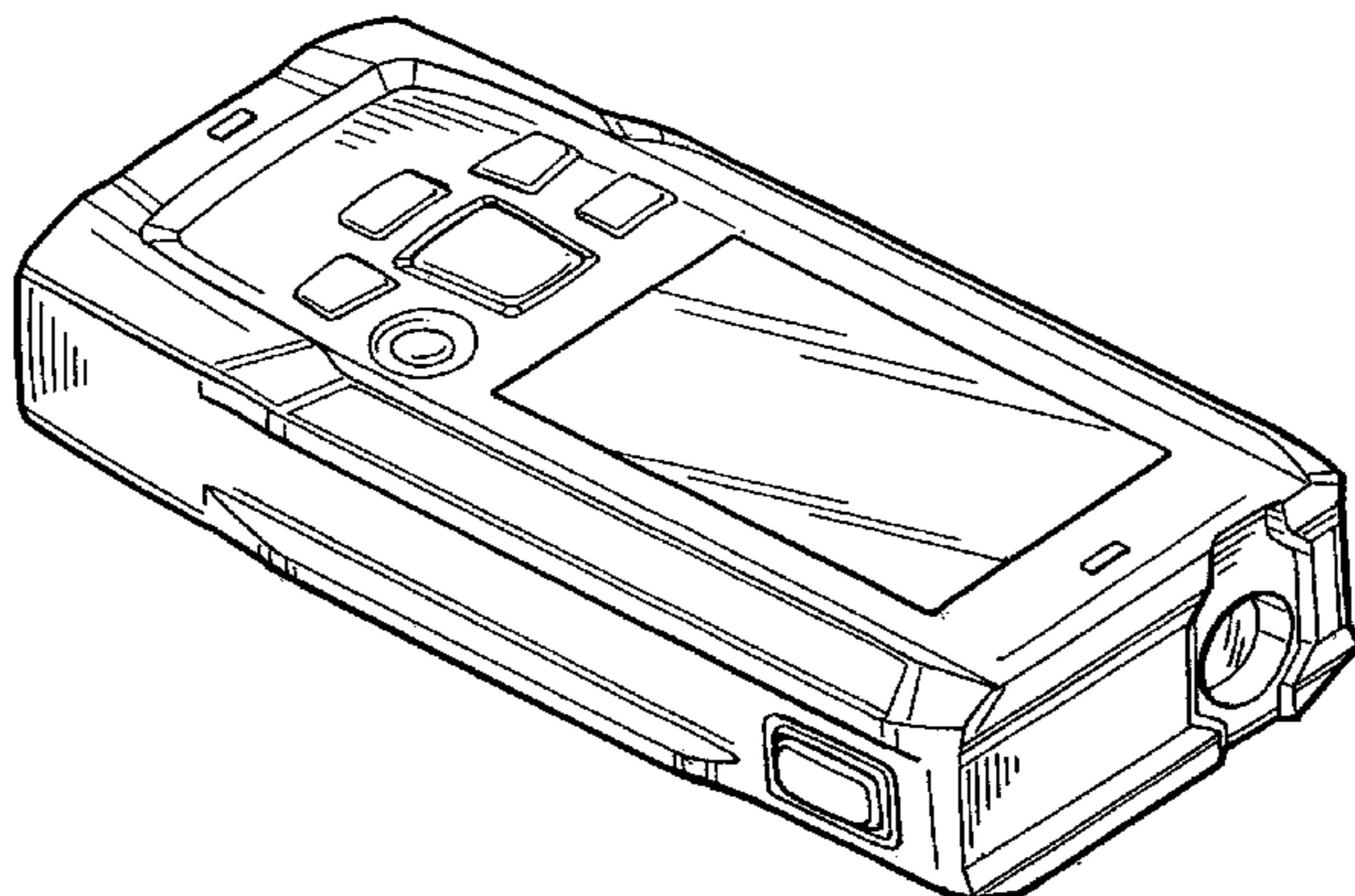
(57) **CLAIM**

The ornamental design for a laser range meter, as shown and described.

**DESCRIPTION**

FIG. 1 is a top, front, right perspective view of a first embodiment of a laser range meter according to the design; FIG. 2 is bottom, rear, left perspective view thereof; FIG. 3 is a front view thereof; FIG. 4 is a rear view thereof; FIG. 5 is a right side view thereof; FIG. 6 is a left side view thereof; FIG. 7 is a top view thereof; and FIG. 8 is a bottom view thereof. FIG. 9 is a top, front, right perspective view of a second embodiment of the laser range meter according to the design; FIG. 10 is bottom, rear, left perspective view thereof; FIG. 11 is a front view thereof; FIG. 12 is a rear view thereof; FIG. 13 is a right side view thereof; FIG. 14 is a left side view thereof; FIG. 15 is a top view thereof; and, FIG. 16 is a bottom view thereof.

**1 Claim, 6 Drawing Sheets**



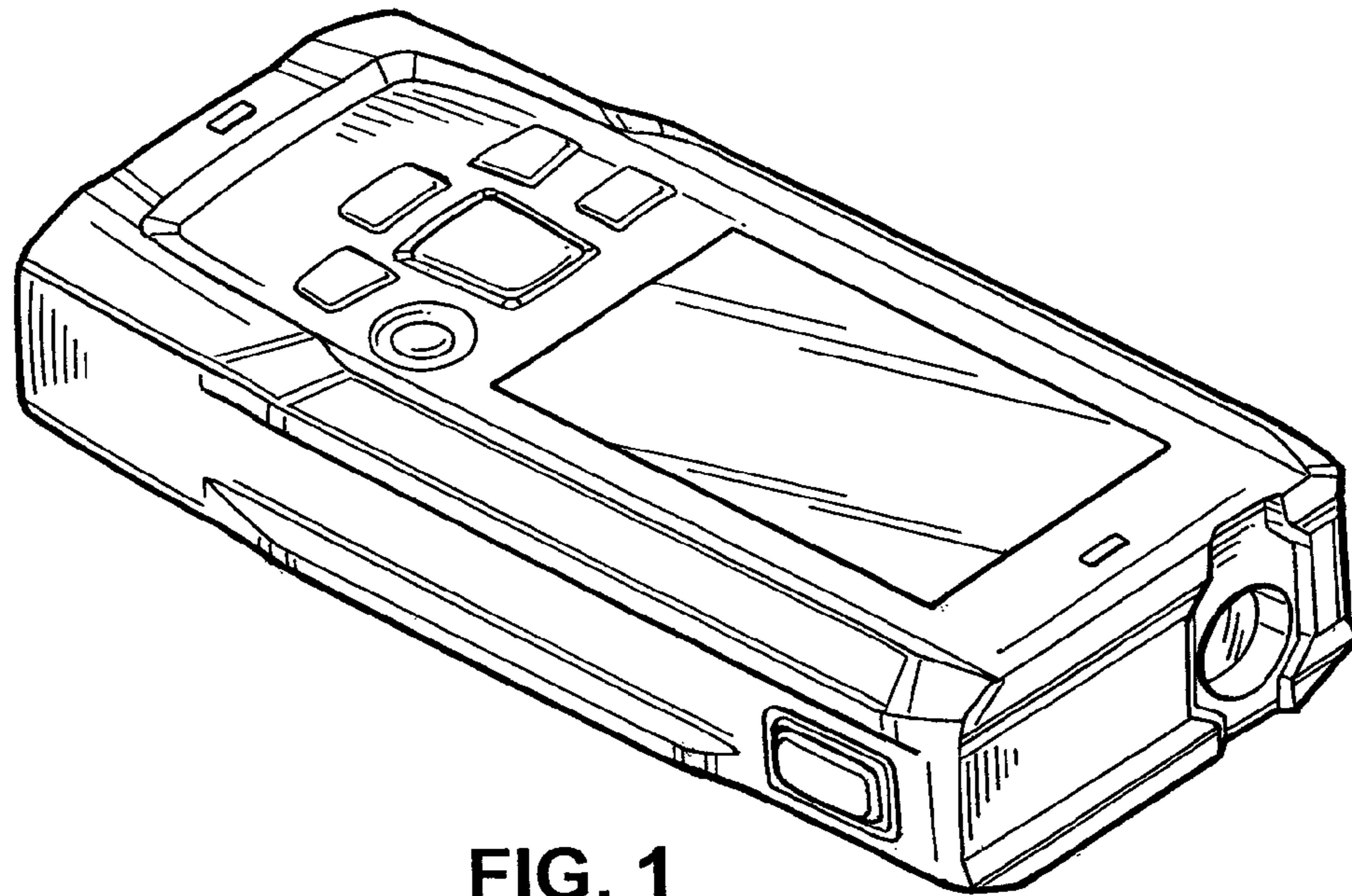


FIG. 1

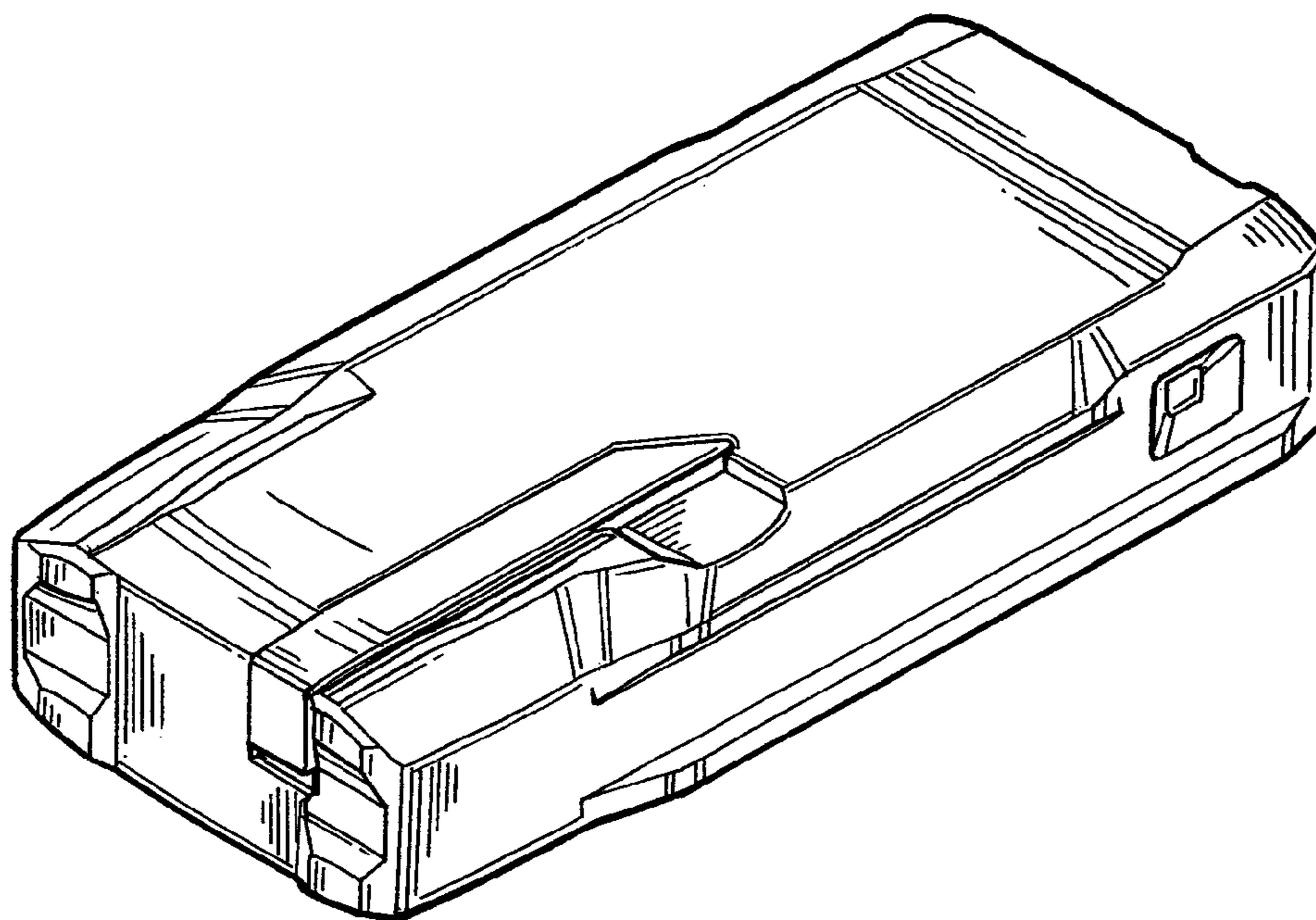


FIG. 2

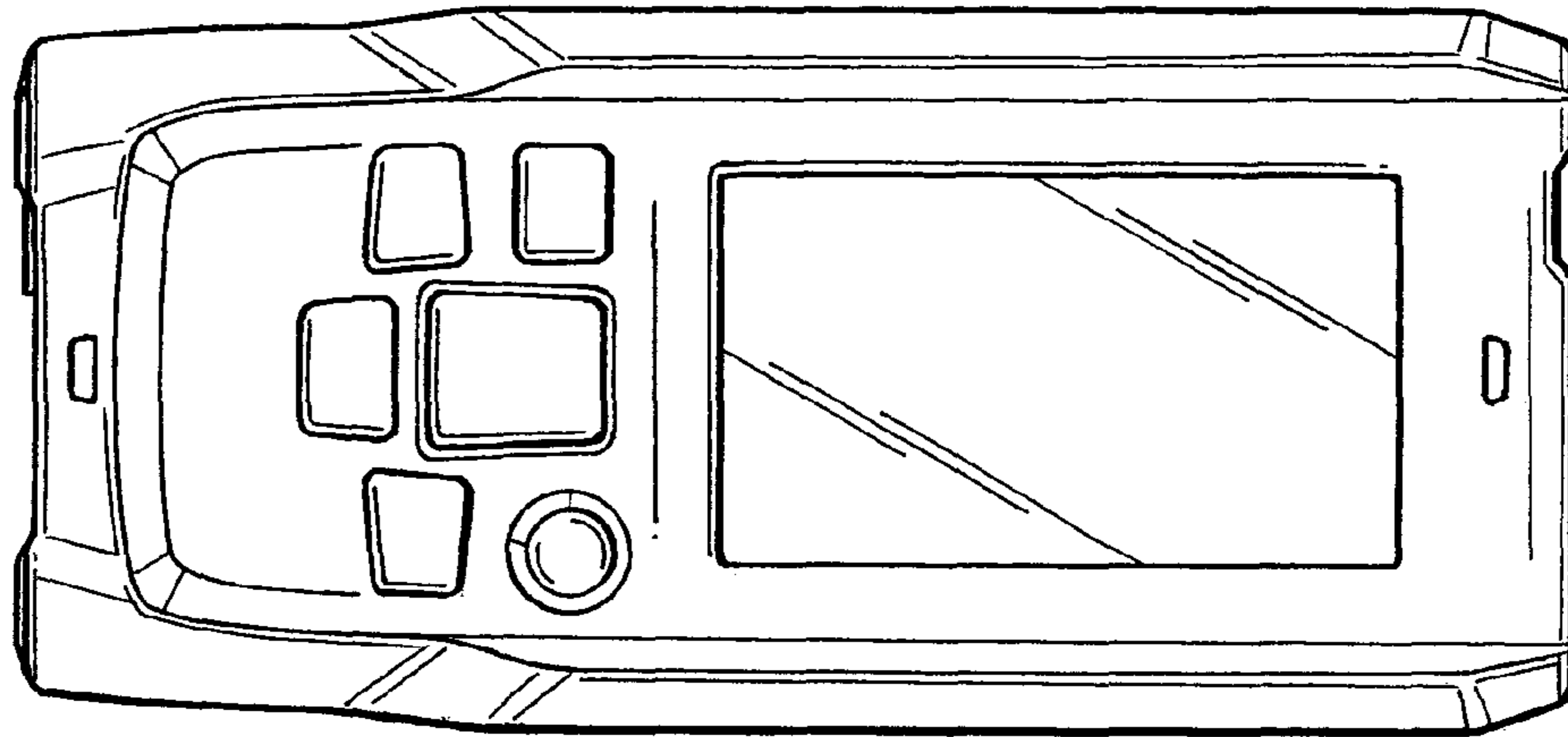


FIG. 3

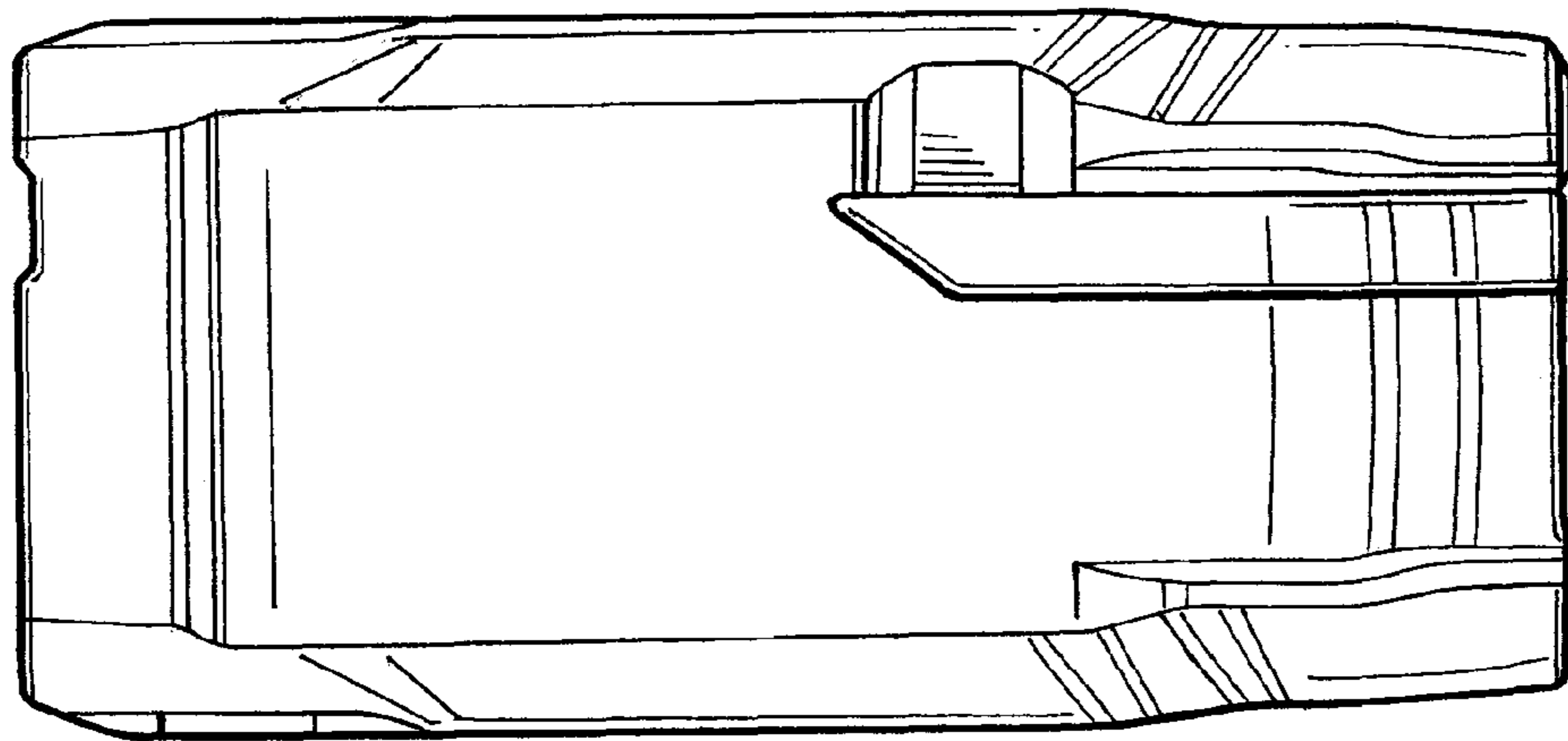


FIG. 4

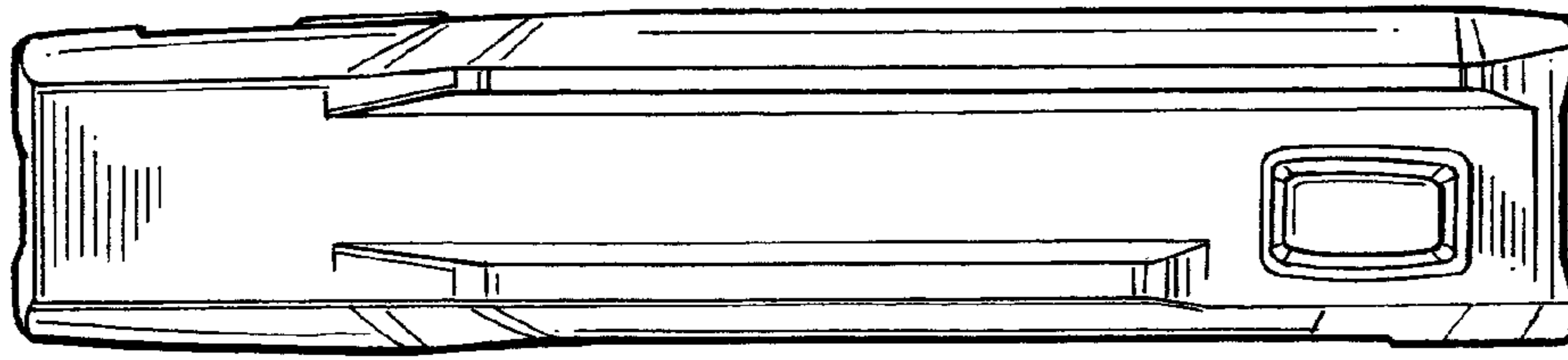


FIG. 5

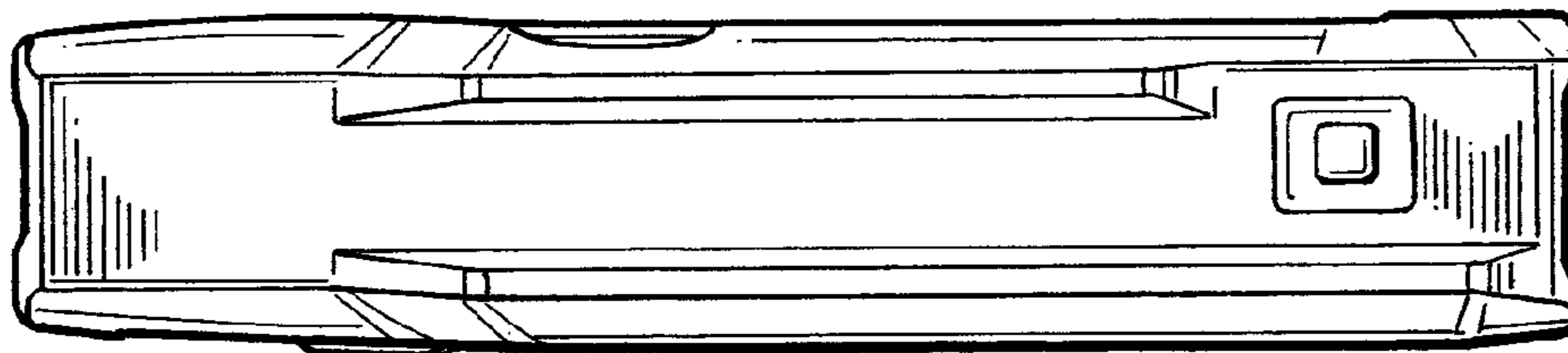


FIG. 6

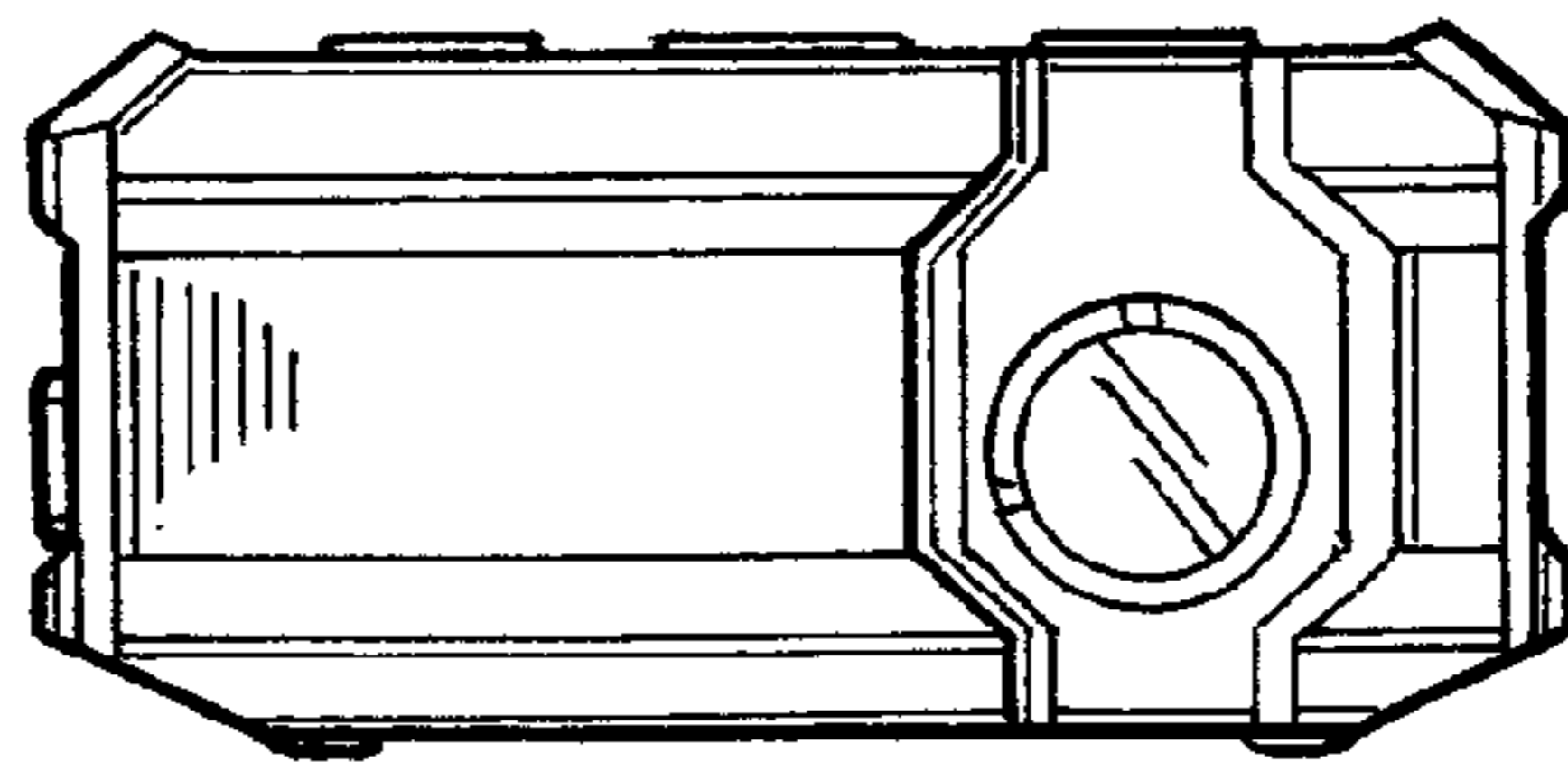


FIG. 7

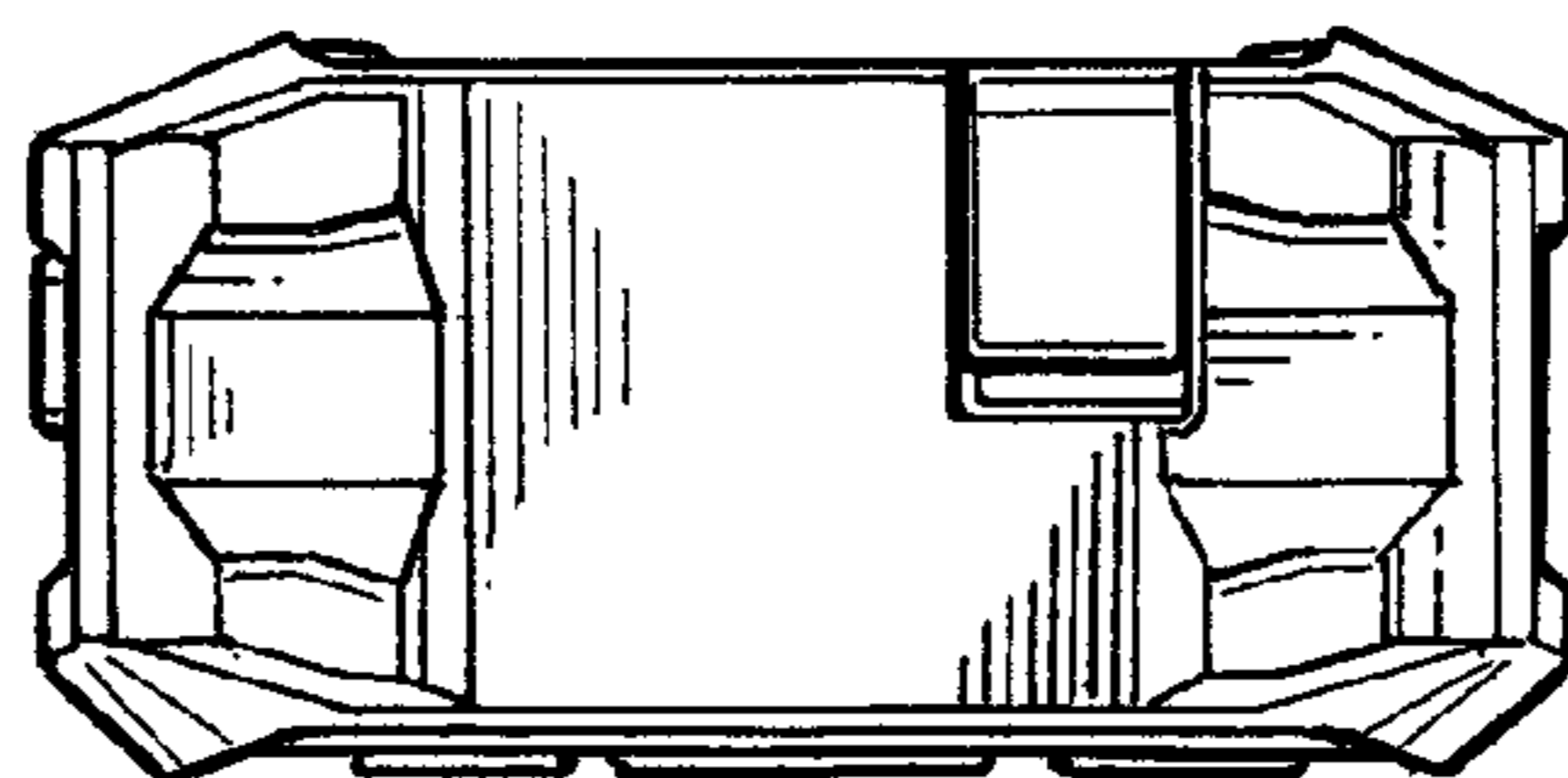


FIG. 8

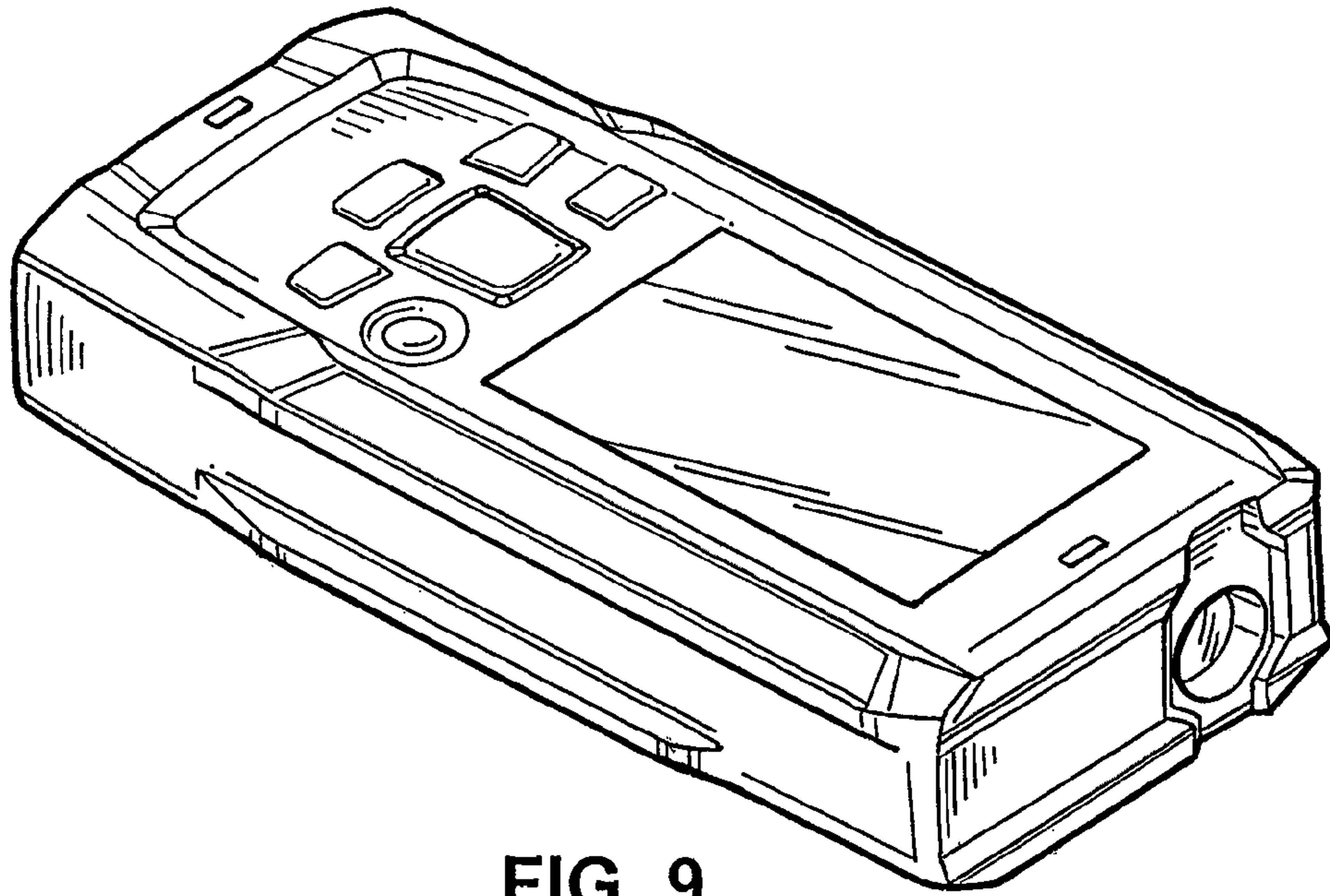


FIG. 9

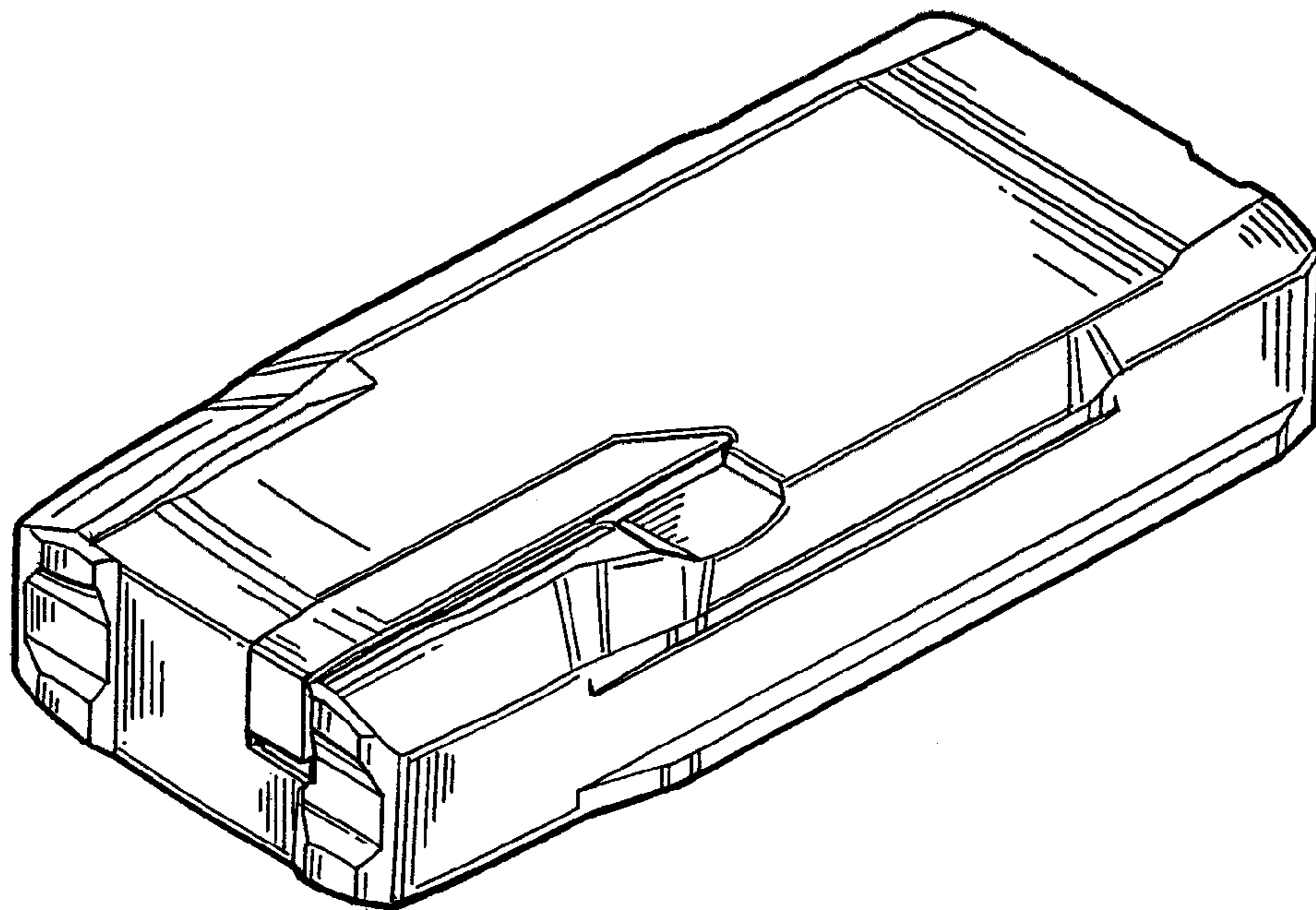


FIG. 10

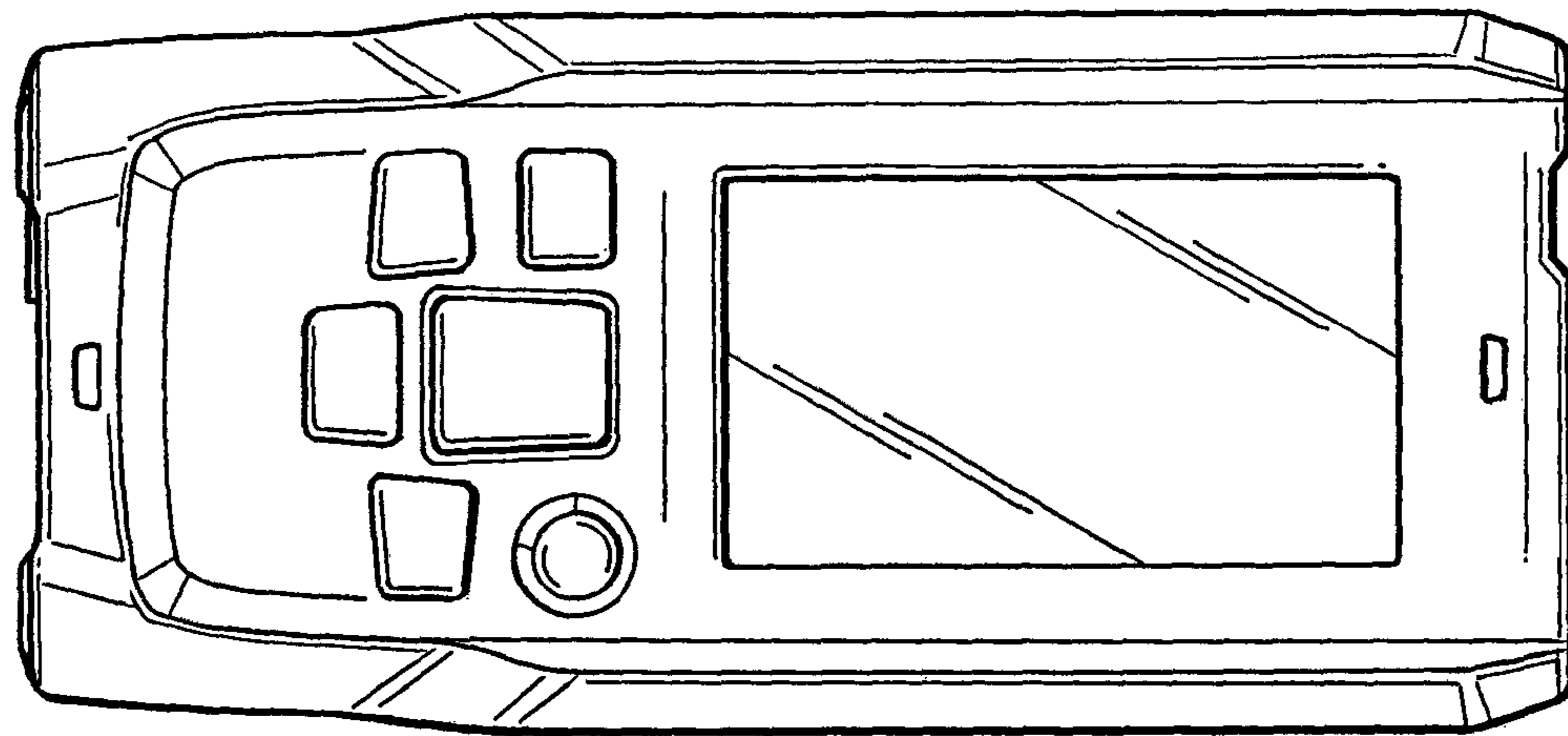


FIG. 11

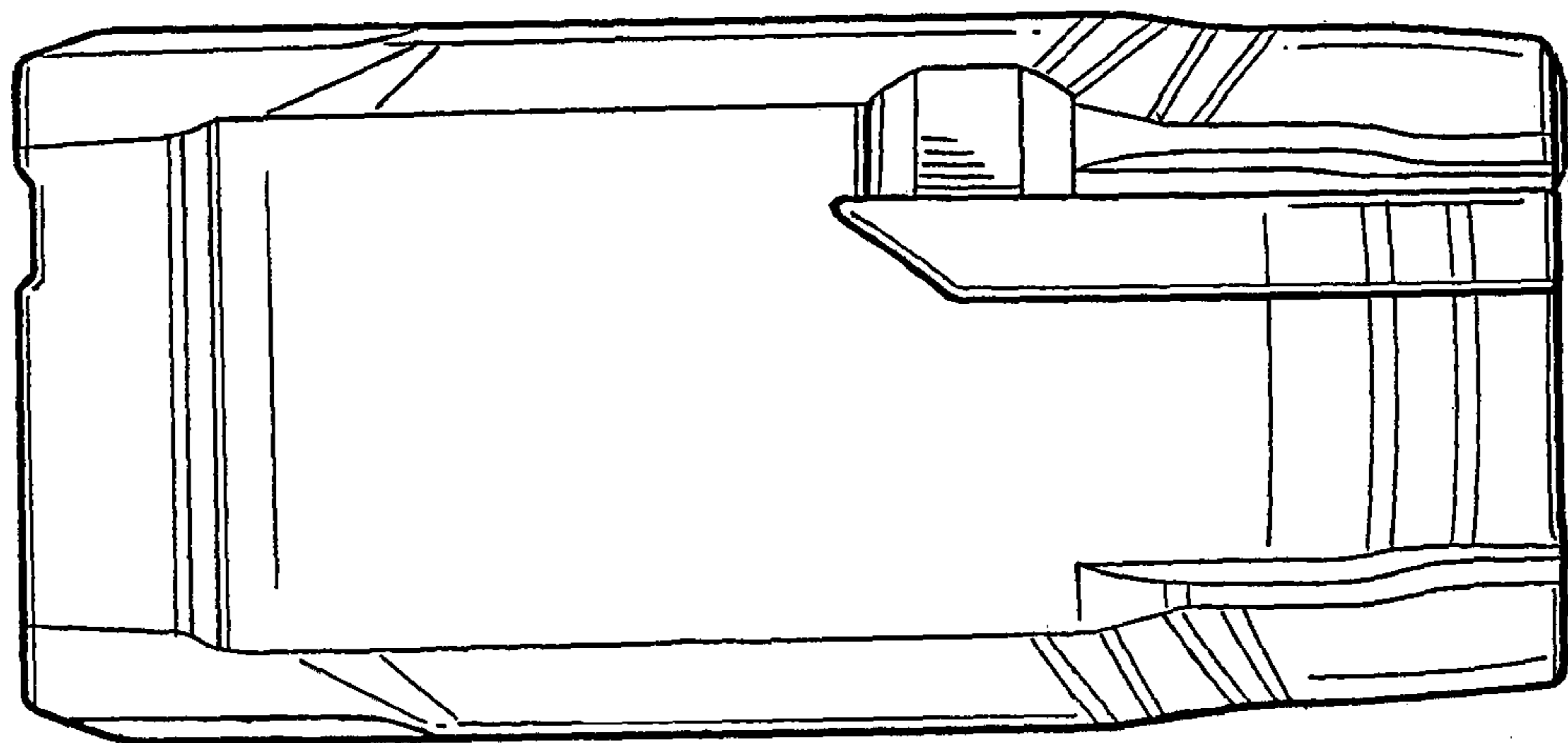


FIG. 12

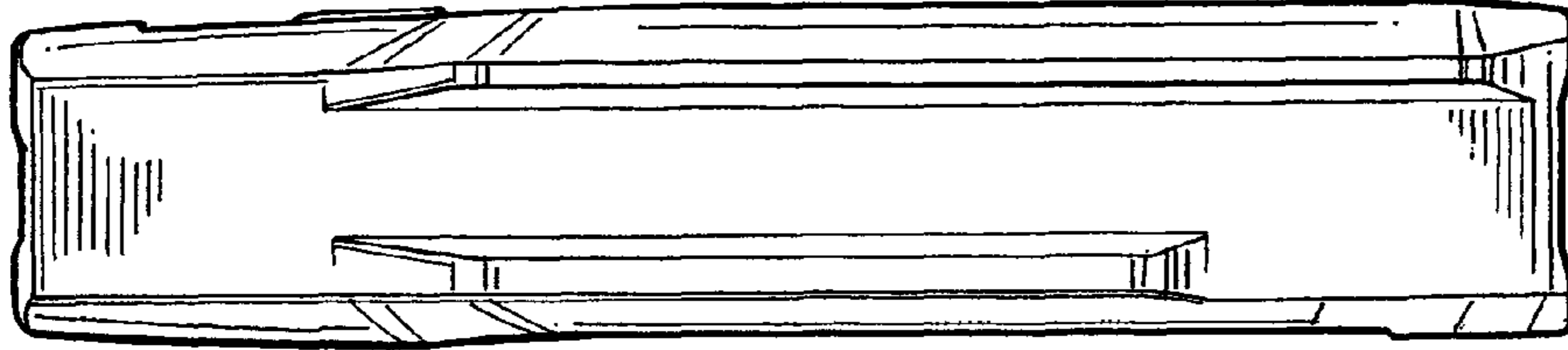


FIG. 13

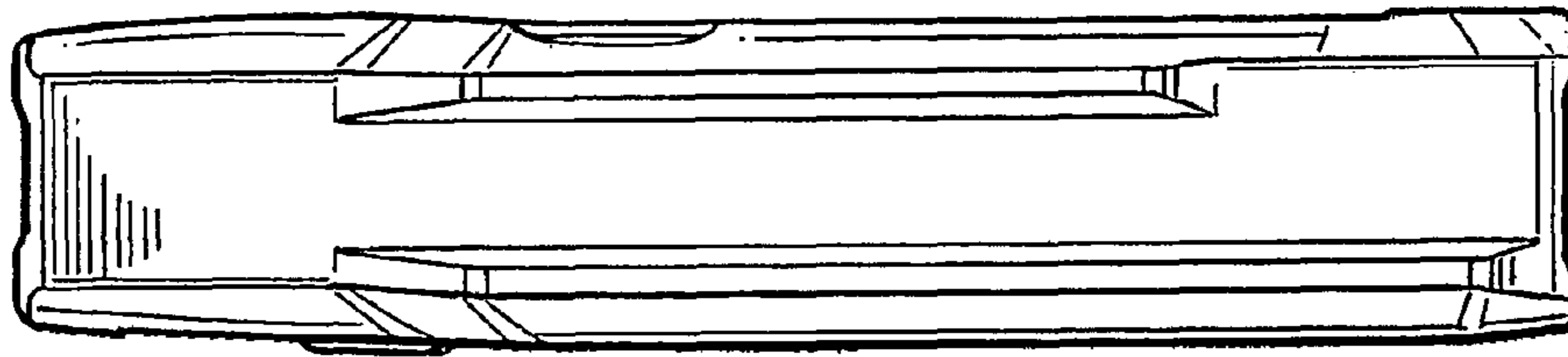


FIG. 14

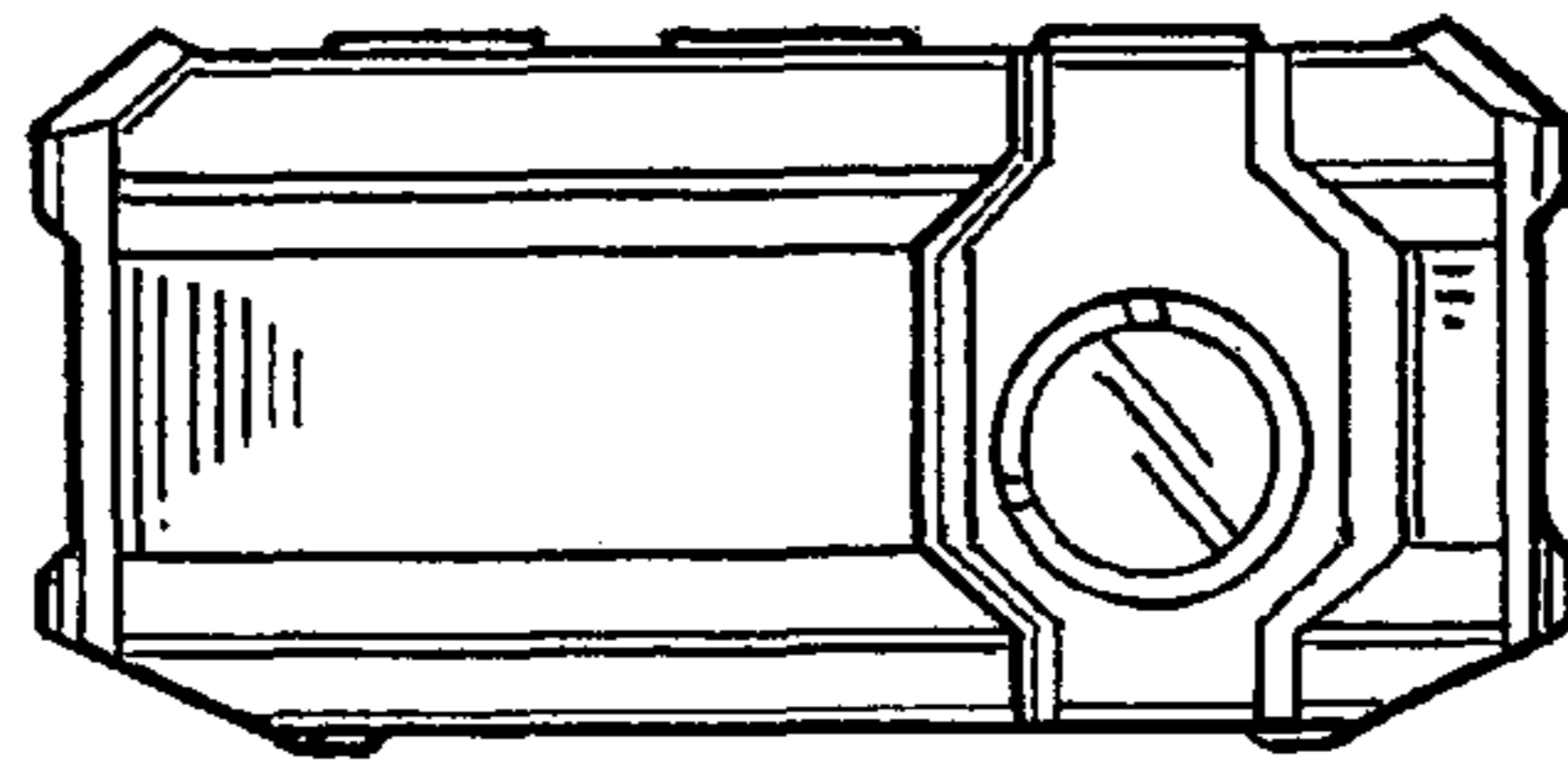


FIG. 15

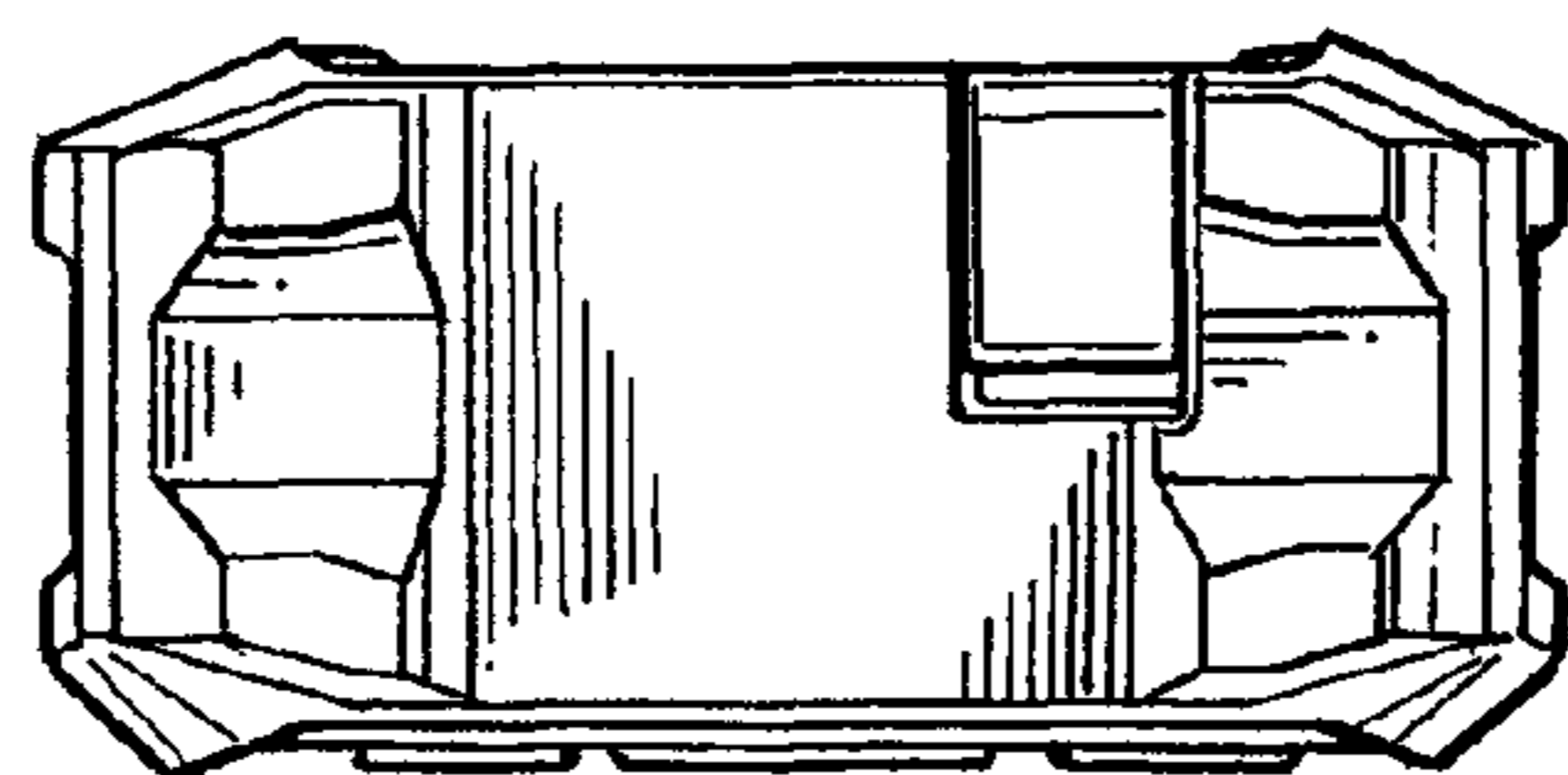


FIG. 16