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

(10) **Patent No.:** **US D724,449 S**  
(45) **Date of Patent:** **\*\* Mar. 17, 2015**

(54) **MULTI-FUNCTIONAL INFRARED THERMOMETER**

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(73) Assignee: **APPA Technology Corp.**, New Taipei (TW)

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

(21) Appl. No.: **29/471,992**

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

(52) **U.S. Cl.**  
USPC ..... **D10/57**

(58) **Field of Classification Search**

CPC ..... G01J 5/061; G01J 5/0843; G01J 5/0846;  
G01J 5/0859; G01J 5/089; G01J 5/0896;  
G01J 5/048; G01J 5/16; G01J 5/522; G01J  
5/0205; G01J 5/0887; G01J 5/0003; G01J  
5/0275; G01J 5/084; G01J 5/0834; G01J 5/12;  
G01J 5/14  
USPC ..... D10/57; 374/1-209, E1.011-E1.017;  
600/474, 549

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

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\* cited by examiner

*Primary Examiner* — Antoine D Davis

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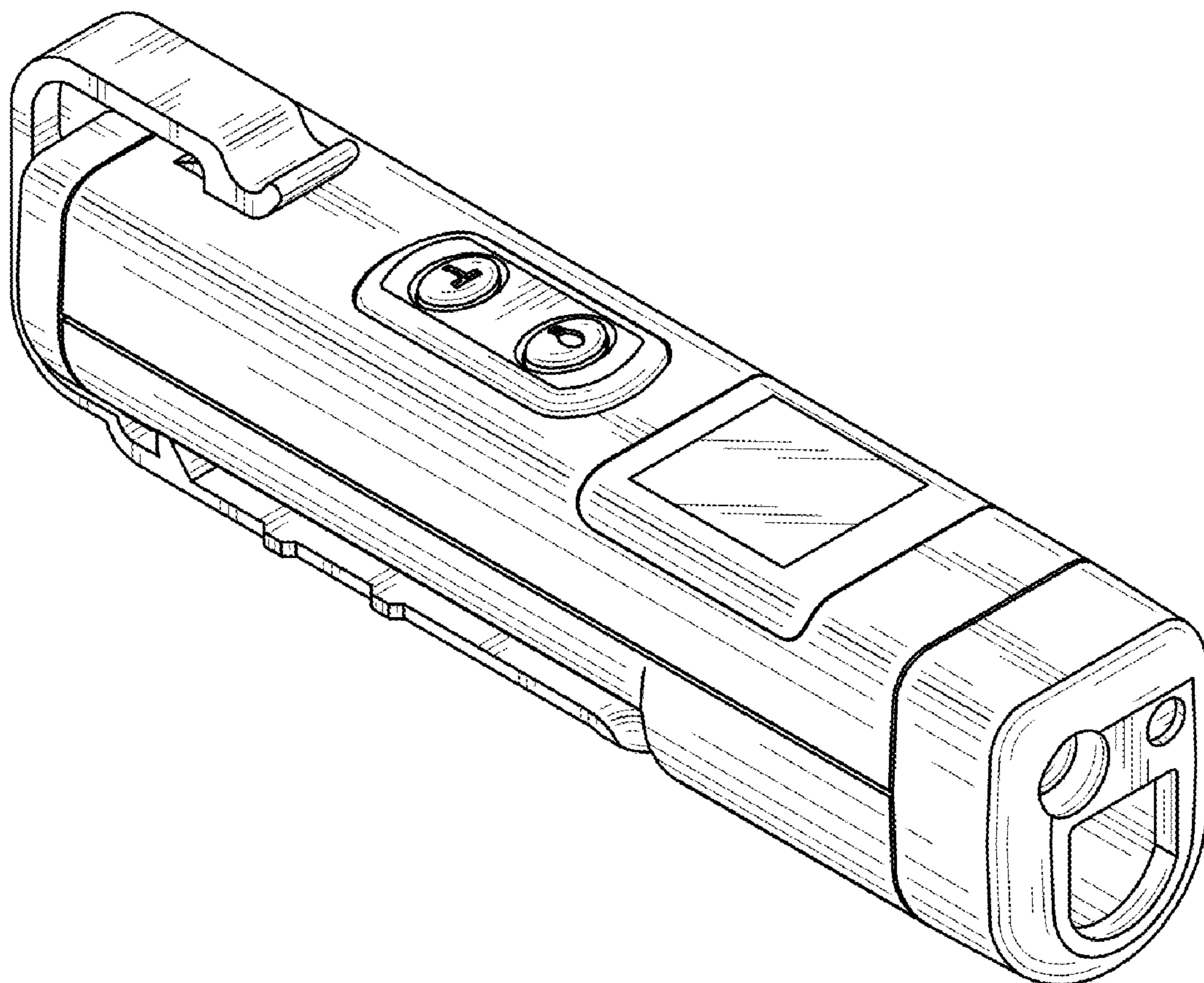
(57) **CLAIM**

The ornamental design for the multi-functional infrared thermometer, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of the multi-functional infrared thermometer showing the new design; FIG. 2 is a front view of the new design; FIG. 3 is a rear view of the new design; FIG. 4 is a left view of the new design; FIG. 5 is a right view of the new design; FIG. 6 is a top view of the new design; and, FIG. 7 is a bottom view of the new design.

**1 Claim, 4 Drawing Sheets**



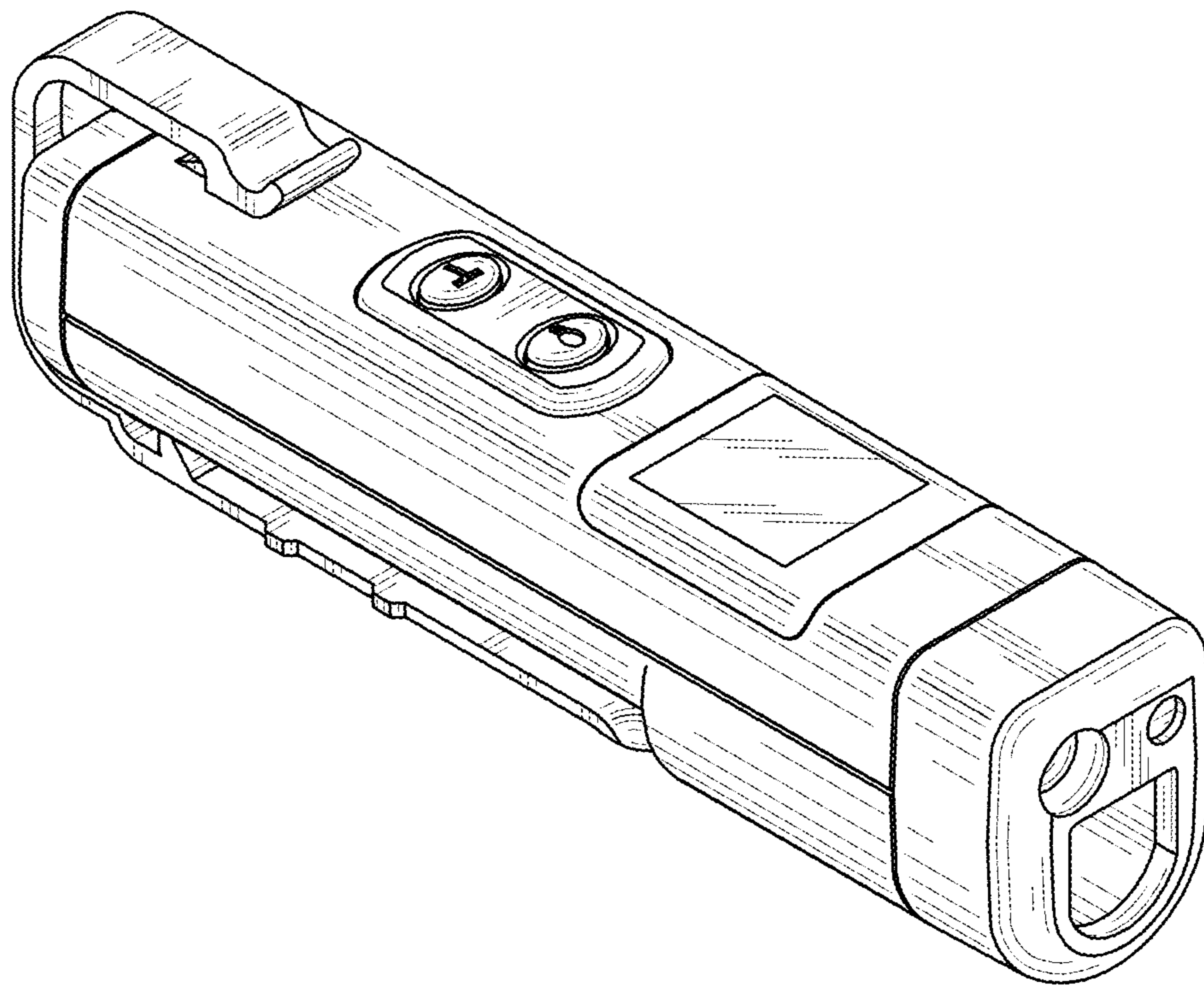


Fig.1

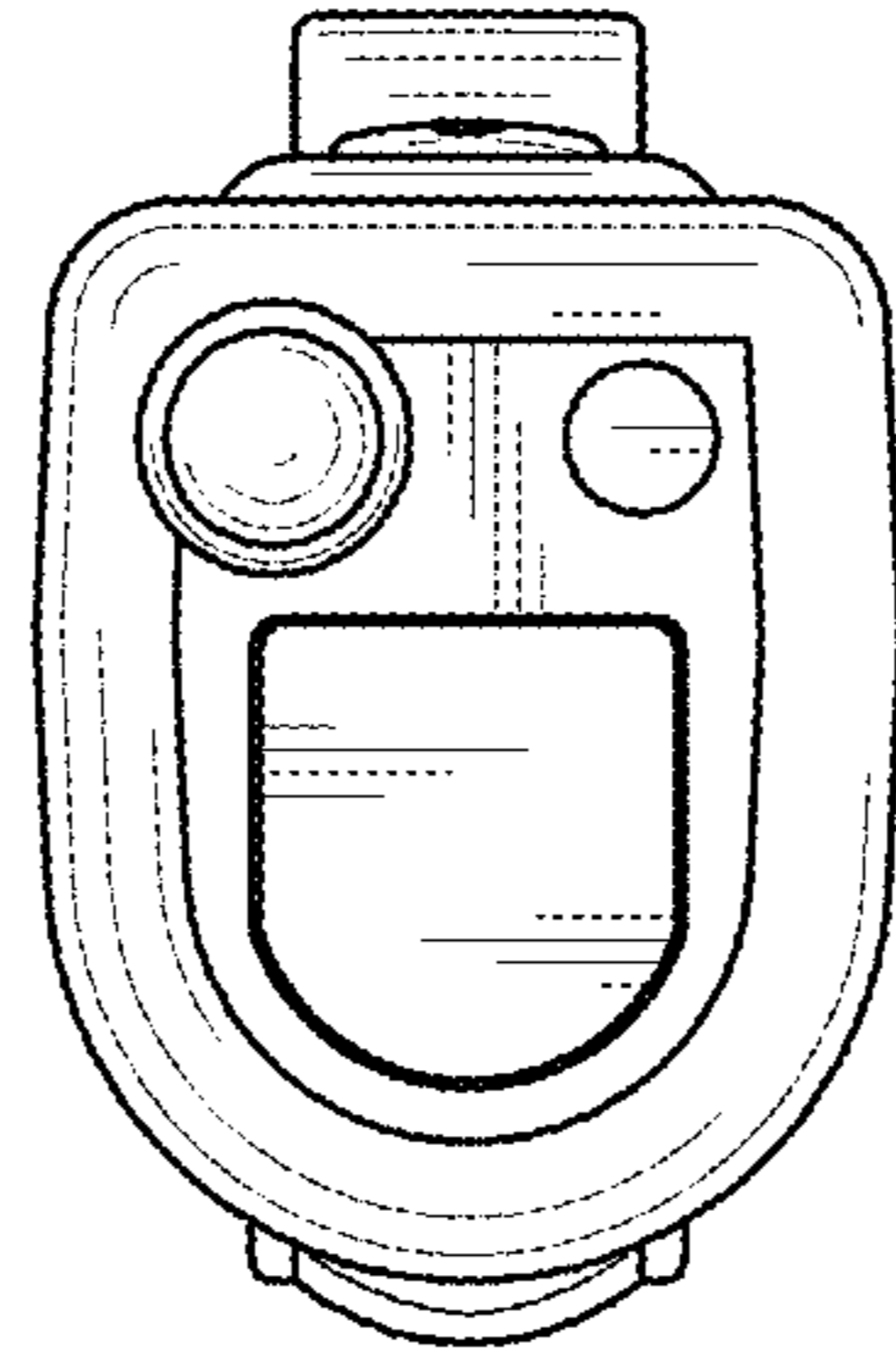


Fig.2

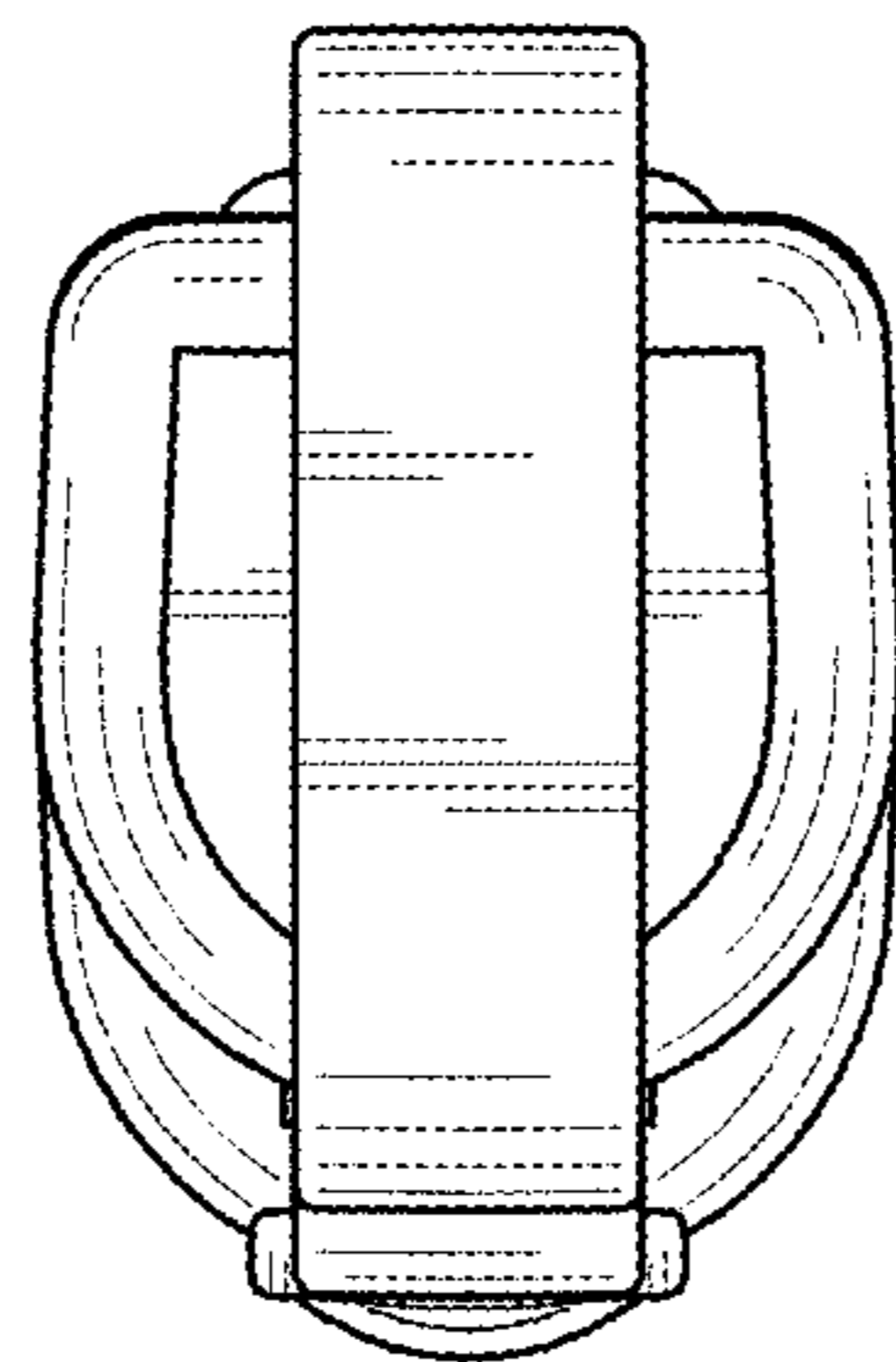


Fig.3

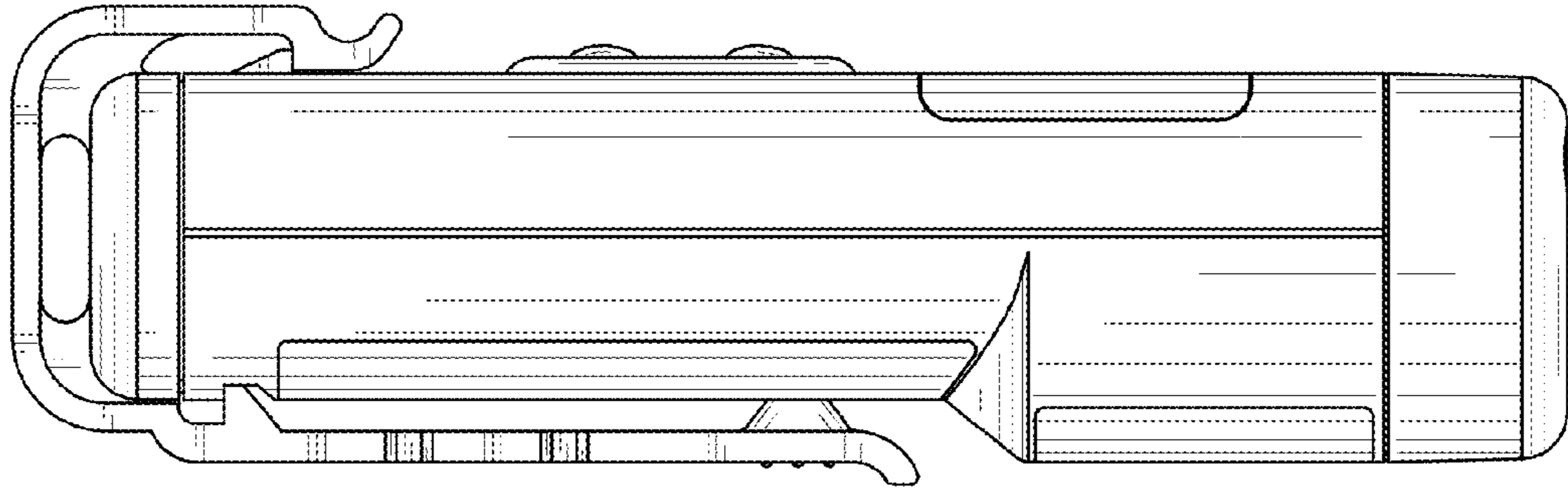


Fig.4

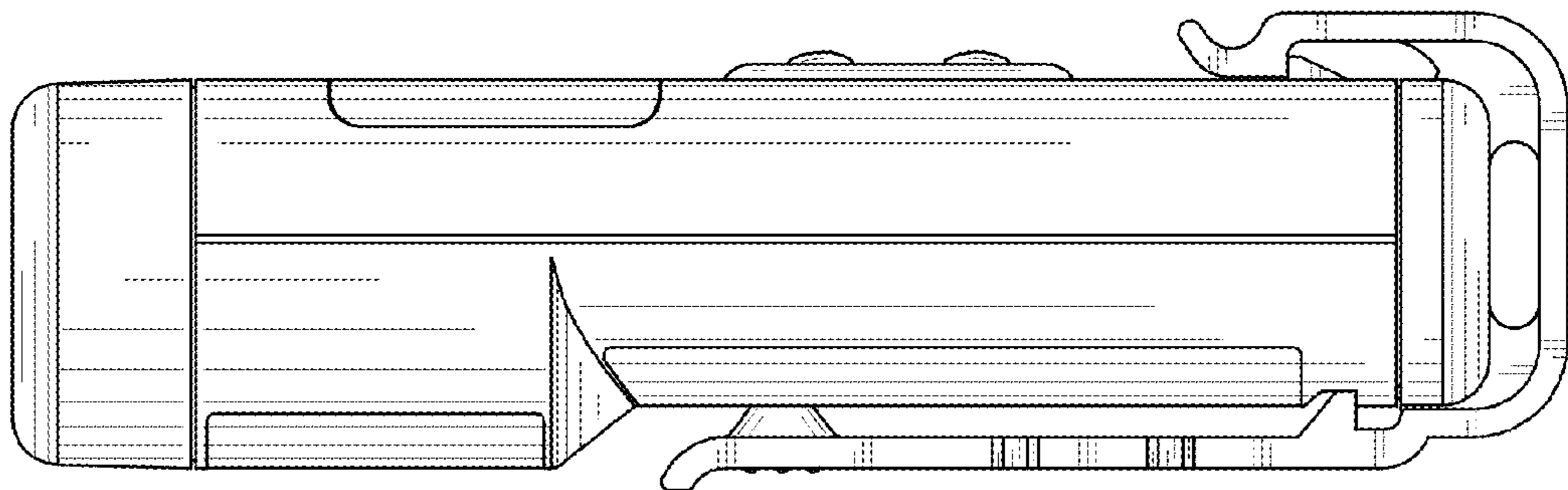


Fig.5



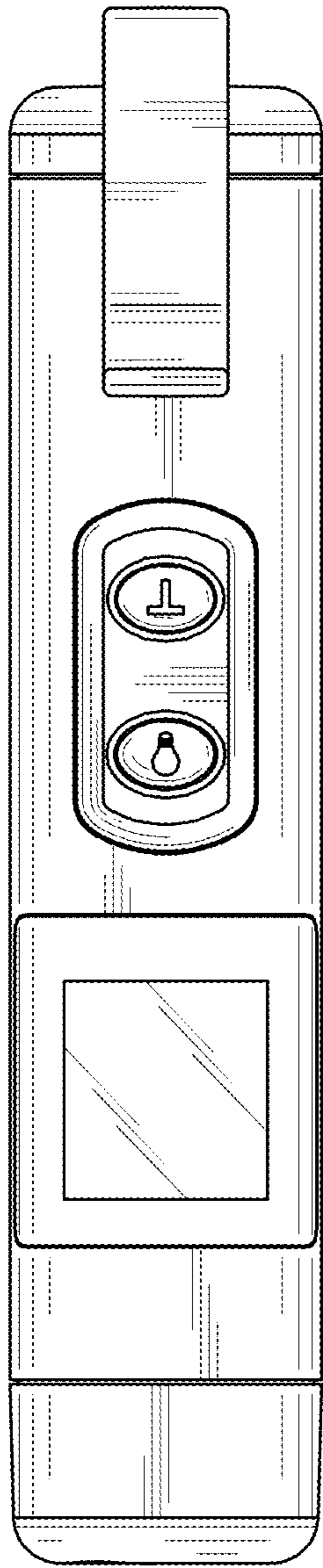


Fig.6

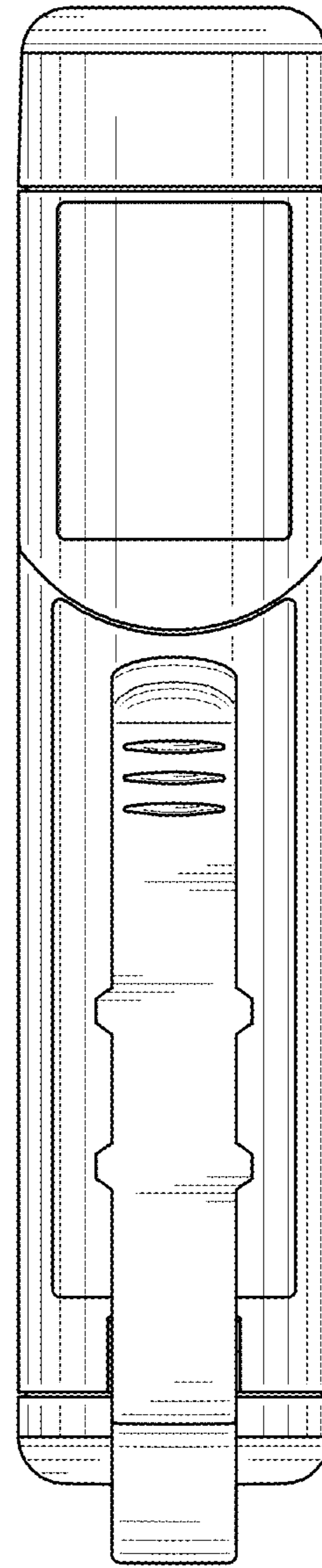


Fig.7