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

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(54) **PH METER**

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**Yoshiaki Torigoe**, Tokyo (JP); **Jun Oosuga**, Tokyo (JP)

(57) **CLAIM**

The ornamental design for the part of a pH meter, as shown and described.

(73) Assignee: **ATAGO CO., LTD.**, Tokyo (JP)

(\*\*) Term: **15 Years**

**DESCRIPTION**

(21) Appl. No.: **29/536,095**

(22) Filed: **Aug. 13, 2015**

(30) **Foreign Application Priority Data**

Feb. 13, 2015 (JP) ..... 2015-002825

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

(52) **U.S. Cl.**  
USPC ..... **D10/103**

(58) **Field of Classification Search**

USPC ..... D10/81, 103  
CPC ..... G01N 27/4166; G01N 27/4167; G01N 21/80; G01N 31/22; G01N 31/221; G01N 21/78; A61B 5/145; A61B 5/14539

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

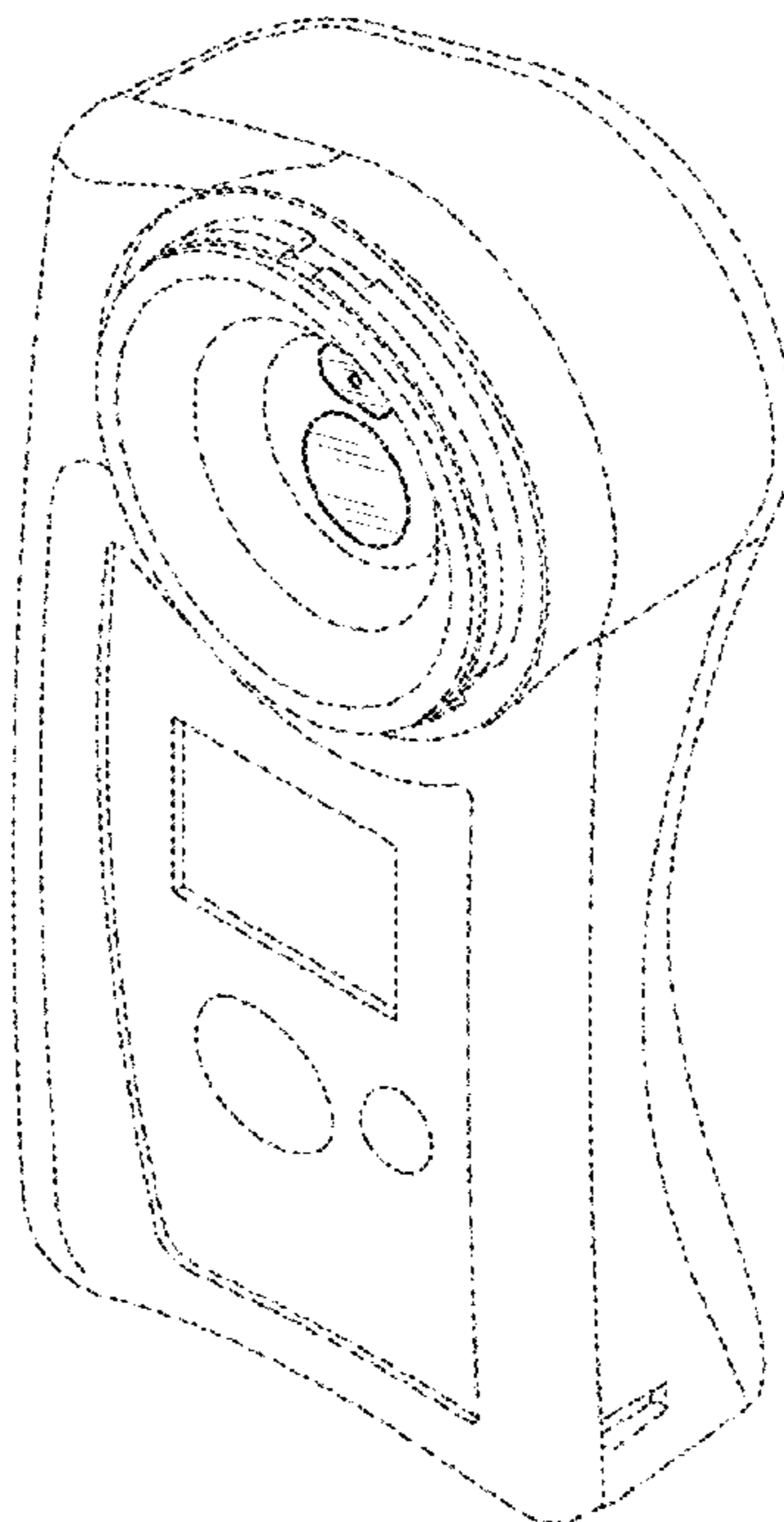
D312,421 S \* 11/1990 Trottmann ..... D10/81

\* cited by examiner

FIG. 1 is a perspective view of a pH meter; FIG. 2 is a front view of the pH meter; FIG. 3 is a rear view of the pH meter; FIG. 4 is a left side view of the pH meter; FIG. 5 is a right side view of the pH meter; FIG. 6 is a top view of the pH meter; FIG. 7 is a bottom view of the pH meter; and, FIG. 8 is a reference view showing a transparent part. This article is directed to measure hydrogen ion index (pH value) of a sample solution by measuring an electromotive force generated on a sensing film of a reference electrode (pH electrode). Parts of the design desired to be claimed is a reference electrode and a comparison electrode disposed in a tray where a sample is dropped. In this article, the comparison electrode can be mounted and demounted freely, and thus the solution measured can be added to a container in the tray. The solid line part indicates a part desired to be claimed. In FIG. 8 showing a transparent part, the shaded gray part is transparent. The broken lines are for illustrative purposes only and form no part of the claimed invention.

*Primary Examiner* — Antoine D Davis

**1 Claim, 8 Drawing Sheets**



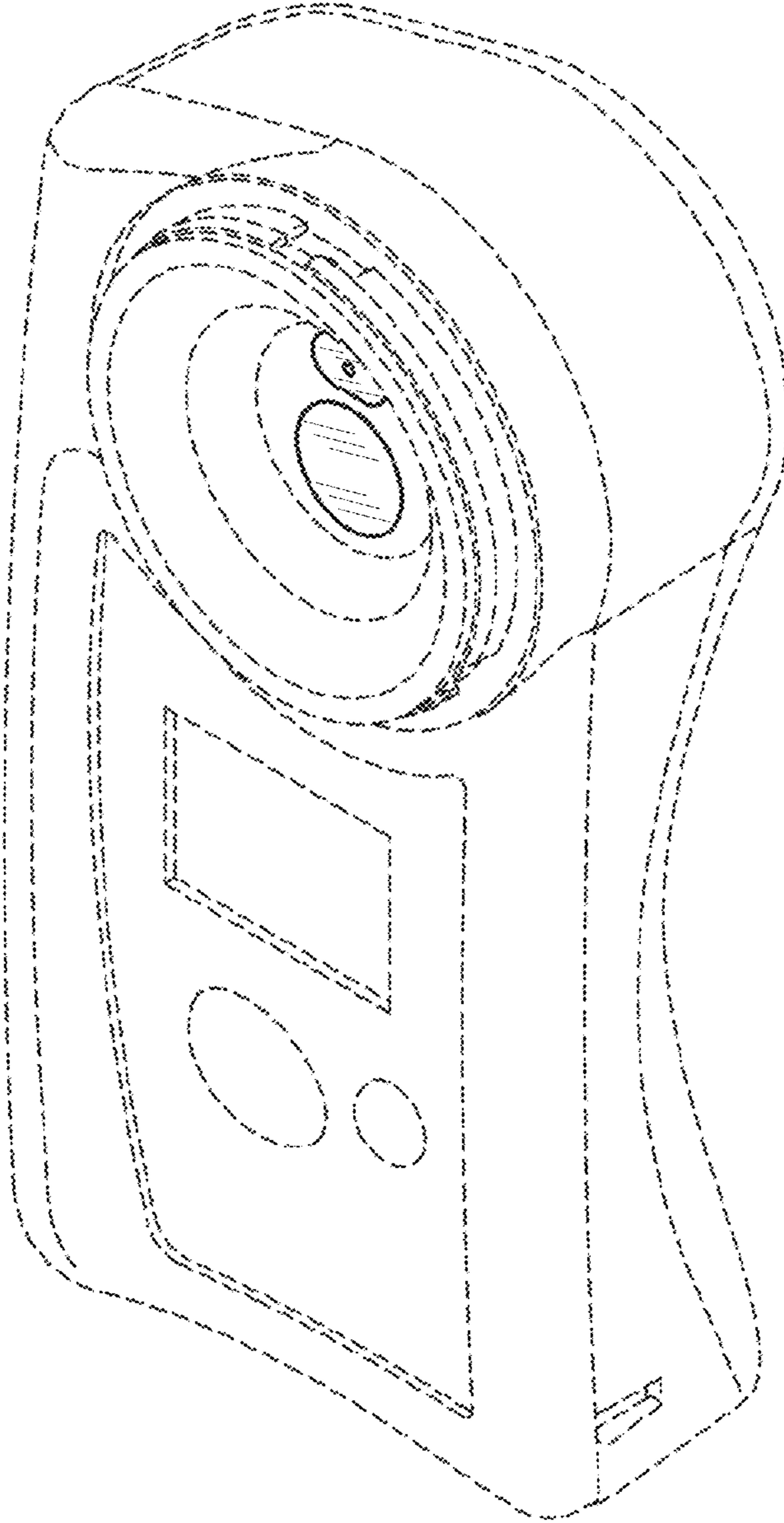


FIG. 1

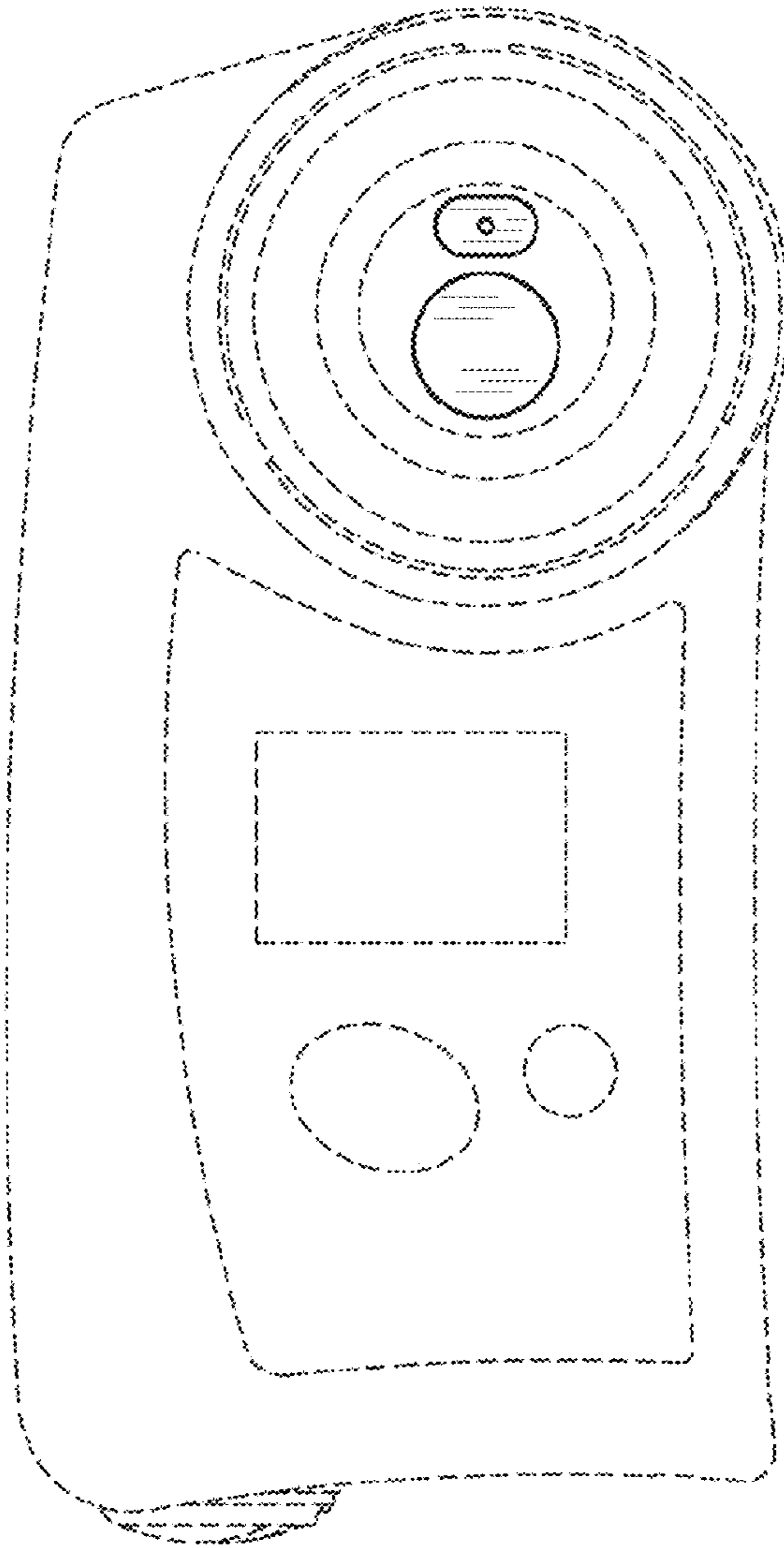


FIG. 2

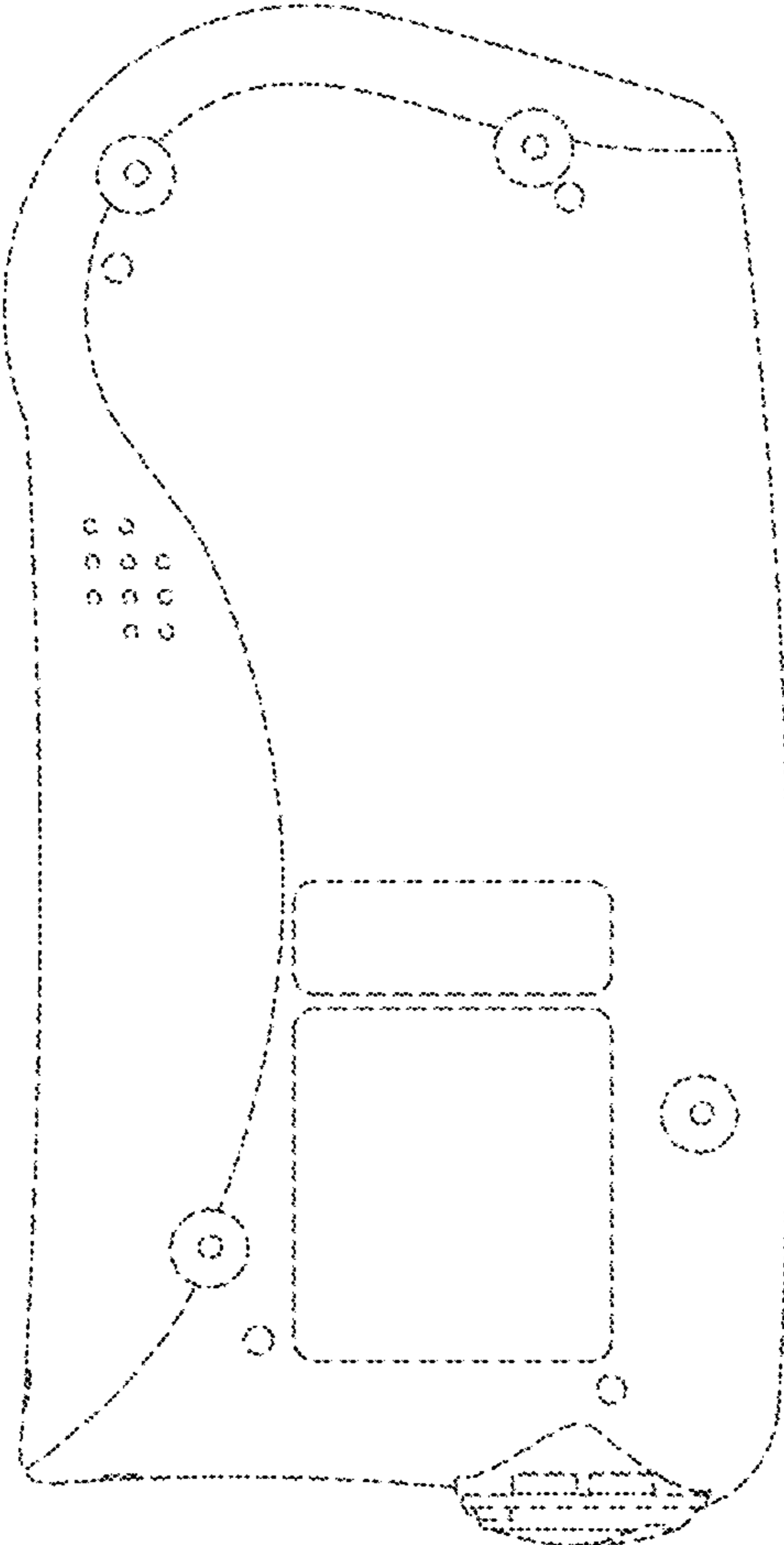


FIG. 3

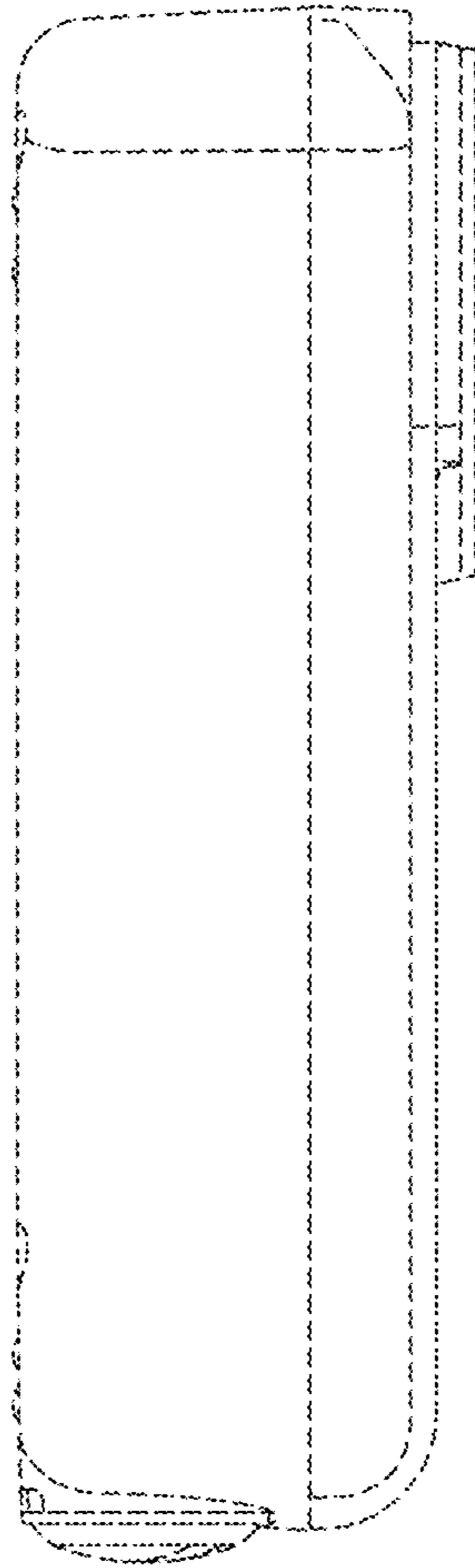


FIG. 4

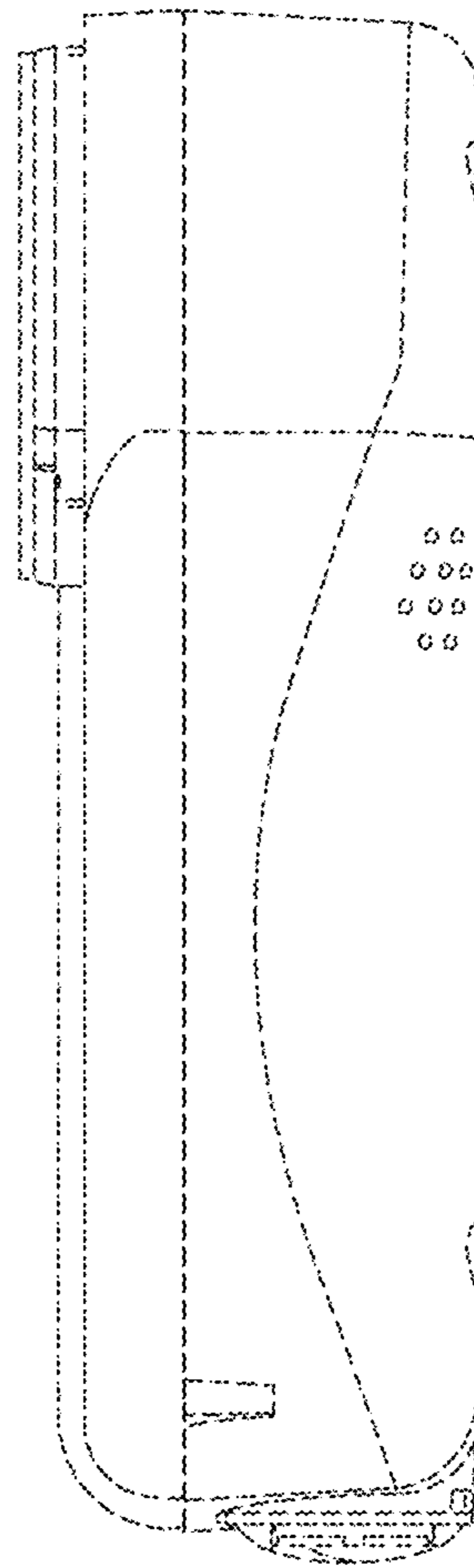


FIG. 5

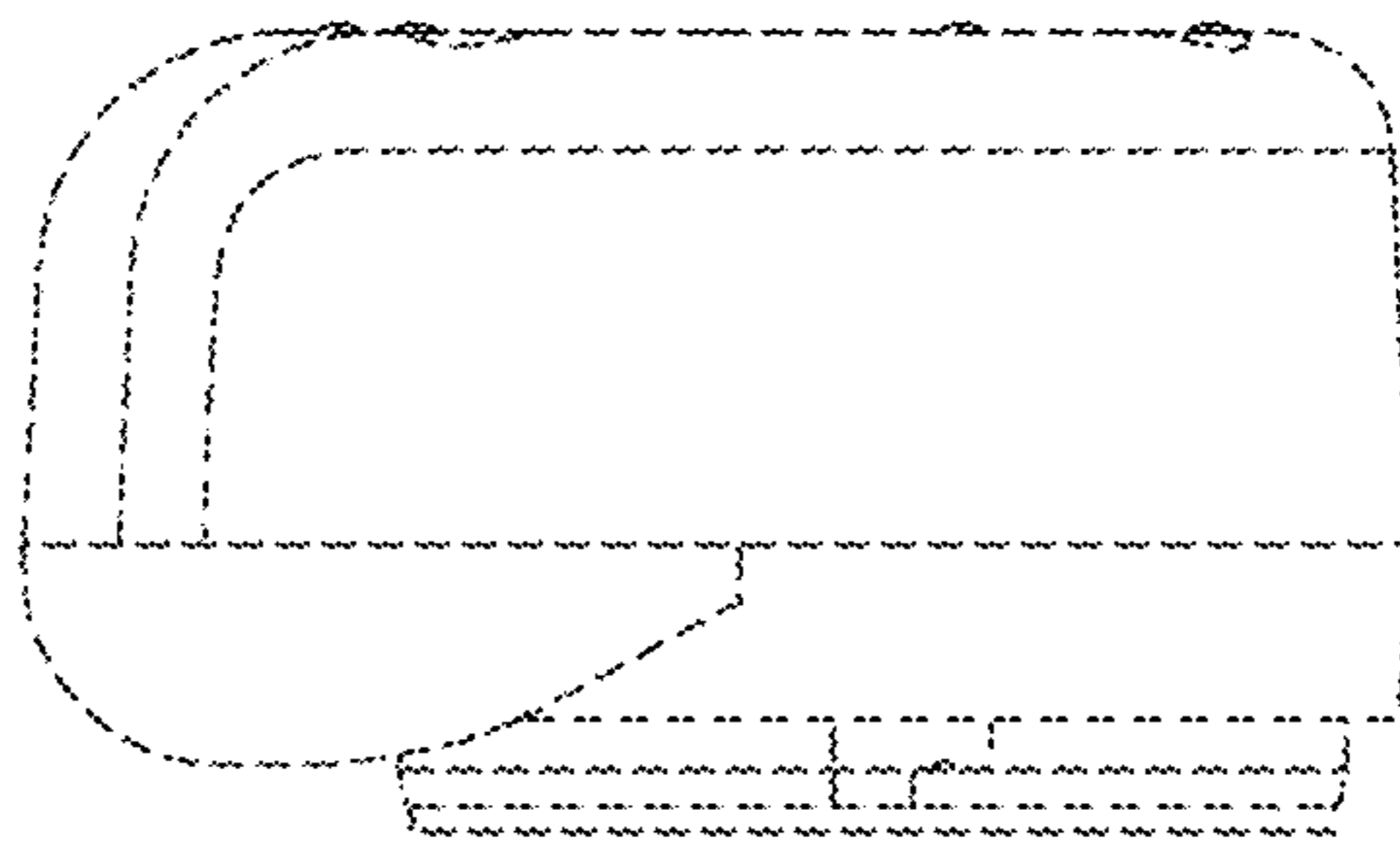


FIG. 6

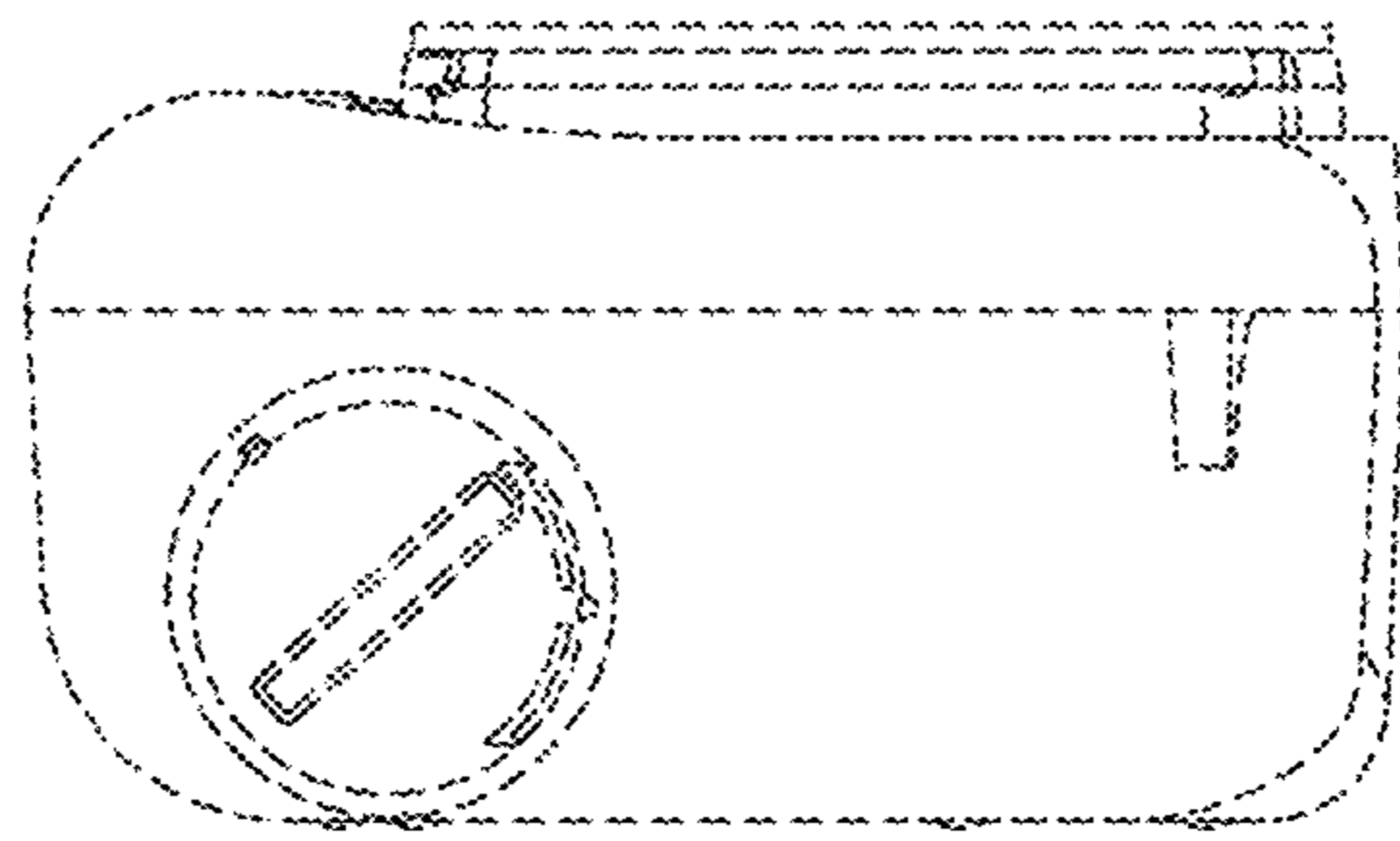


FIG. 7



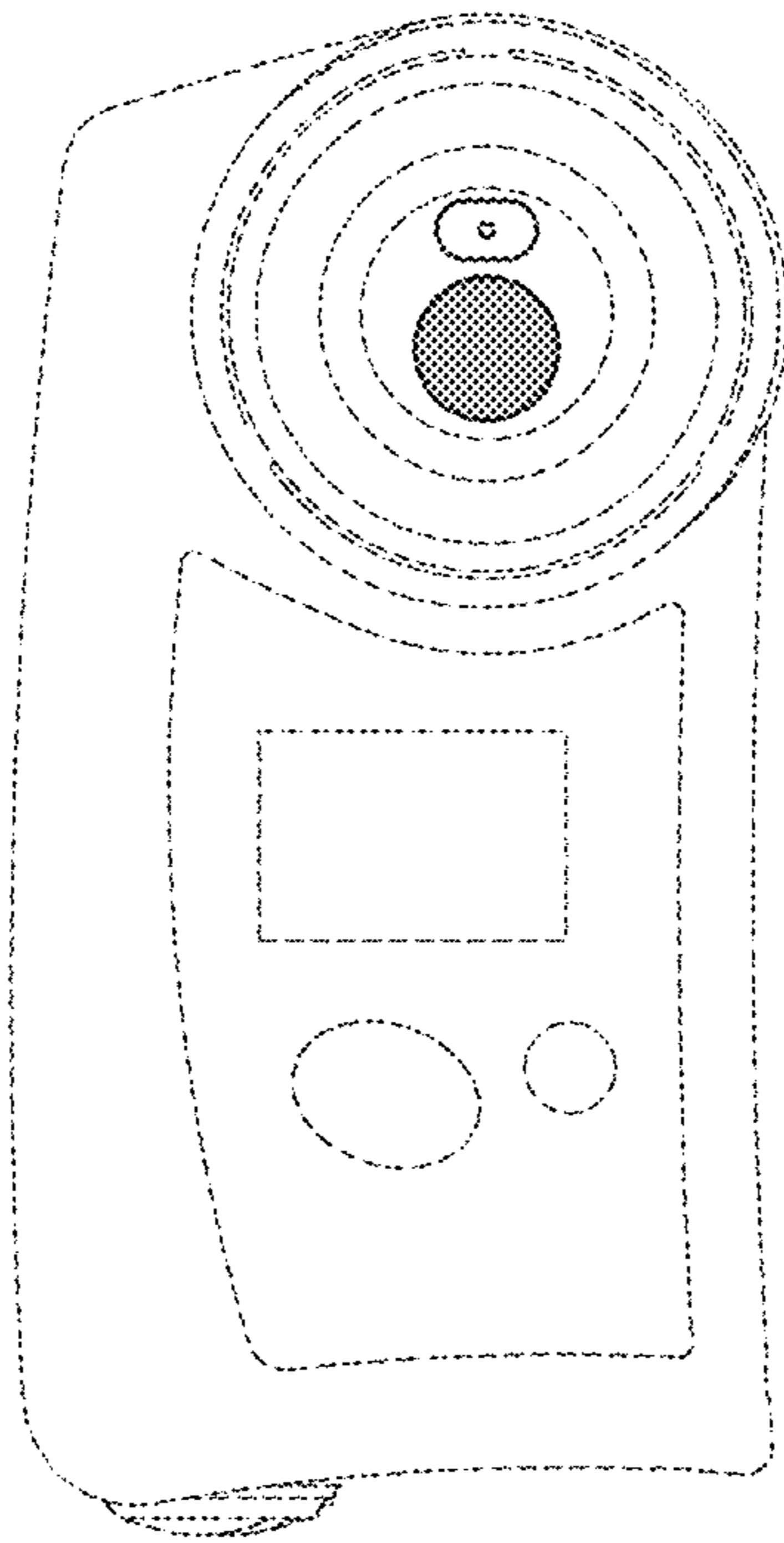


FIG. 8