US00D669375S

(12) United States Design Patent

Kao et al.

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(45) Date of Patent: ** Oct. 23, 2012

(54) **GAS DETECTOR**

(75) Inventors: **Ming-Je Kao**, Hsinchu (TW); **Chi-Fan Wang**, Taoyuan County (TW)

(73) Assignee: **Industrial Technology Research Institute**, Hsinchu (TW)

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

(21) Appl. No.: **29/409,153**

(22) Filed: **Dec. 20, 2011**

(51) **LOC (9) Cl.** **10-04**
(52) **U.S. Cl.** **D10/81**; D10/78
(58) **Field of Classification Search** D10/78, D10/81; 73/31.02, 31.03, 31.05, 431, 1.03, 73/1.06, 1.07, 23.2, 866.5; 324/693
See application file for complete search history.

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Primary Examiner — Antoine D Davis
(74) *Attorney, Agent, or Firm* — Jianq Chyun IP Office

(57) **CLAIM**

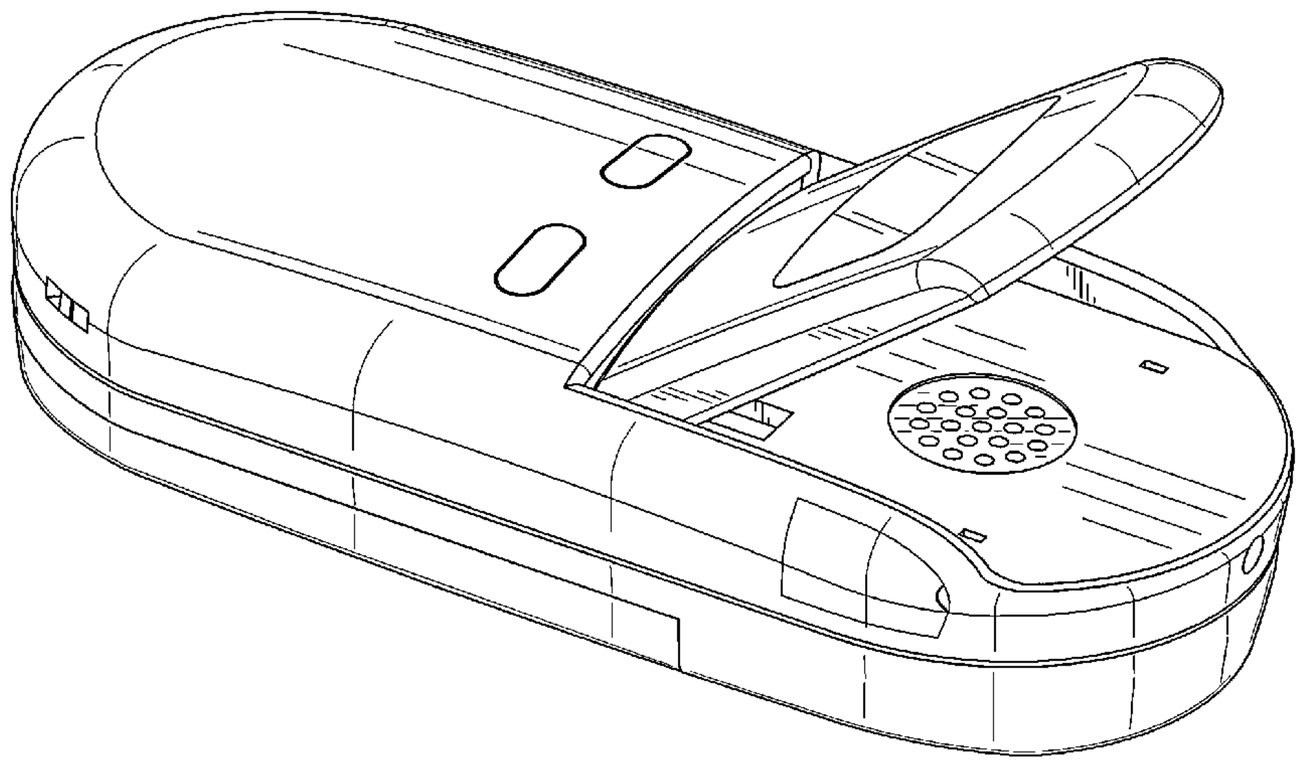
The ornamental design for a gas detector, as shown and described.

DESCRIPTION

FIG. **1** is a perspective view of a gas detector showing a first embodiment of our new design;
FIG. **2** is another perspective view of the first embodiment;
FIG. **3** is still another perspective view of the first embodiment;
FIG. **4** is still another perspective view of the first embodiment showing the cover of the gas detector being closed;
FIG. **5** is a front view of the first embodiment;
FIG. **6** is a rear view of the first embodiment;
FIG. **7** is a left side view of the first embodiment;
FIG. **8** is a right side view of the first embodiment;
FIG. **9** is a top view of the first embodiment;
FIG. **10** is a bottom view of the first embodiment;
FIG. **11** is a perspective view of a gas detector showing a second embodiment of our new design;
FIG. **12** is another perspective view of the second embodiment;
FIG. **13** is still another perspective view of the second embodiment;
FIG. **14** is still another perspective view of the second embodiment showing the cover is opened;
FIG. **15** is a perspective view of the second embodiment showing an optional calibration adaptor is connected with the gas detector;
FIG. **16** is a front view of the second embodiment;
FIG. **17** is a rear view of the second embodiment;
FIG. **18** is a left side view of the second embodiment;
FIG. **19** is a right side view of the second embodiment;
FIG. **20** is a top view of the second embodiment;
FIG. **21** is a bottom view of the second embodiment;
FIG. **22** is a front view of a gas detector showing a third embodiment of our new design;
FIG. **23** is a rear view of the third embodiment;
FIG. **24** is a left side view of the third embodiment;
FIG. **25** is a right side view of the third embodiment;
FIG. **26** is a top view of the second embodiment;
FIG. **27** is a bottom view of the second embodiment; and,
FIG. **28** is a perspective view of the third embodiment showing an optional calibration adaptor is connected with the gas detector.

The broken lines shown in the drawings are for illustrative purposes only and form no part of the claimed design.

1 Claim, 26 Drawing Sheets



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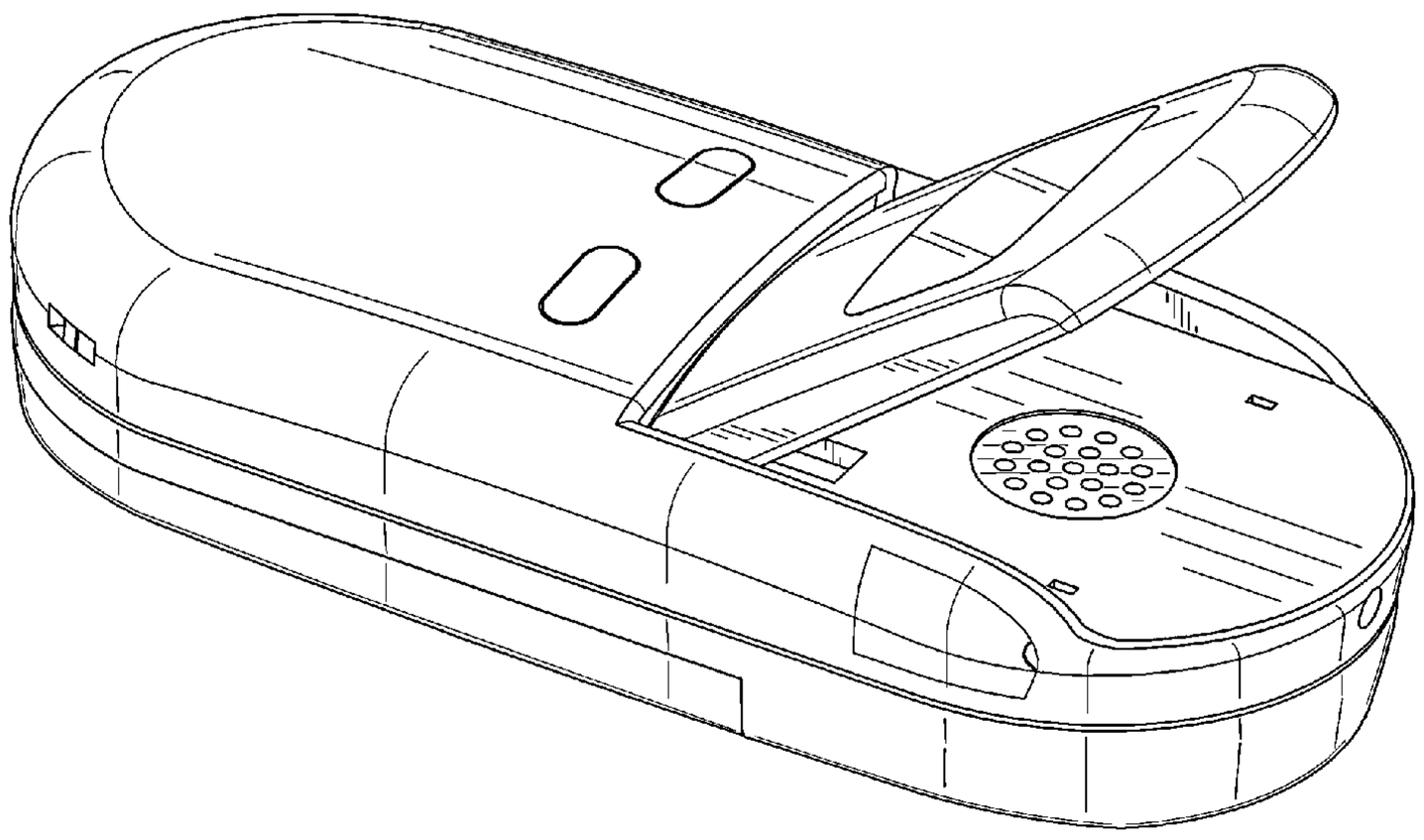

FIG. 1

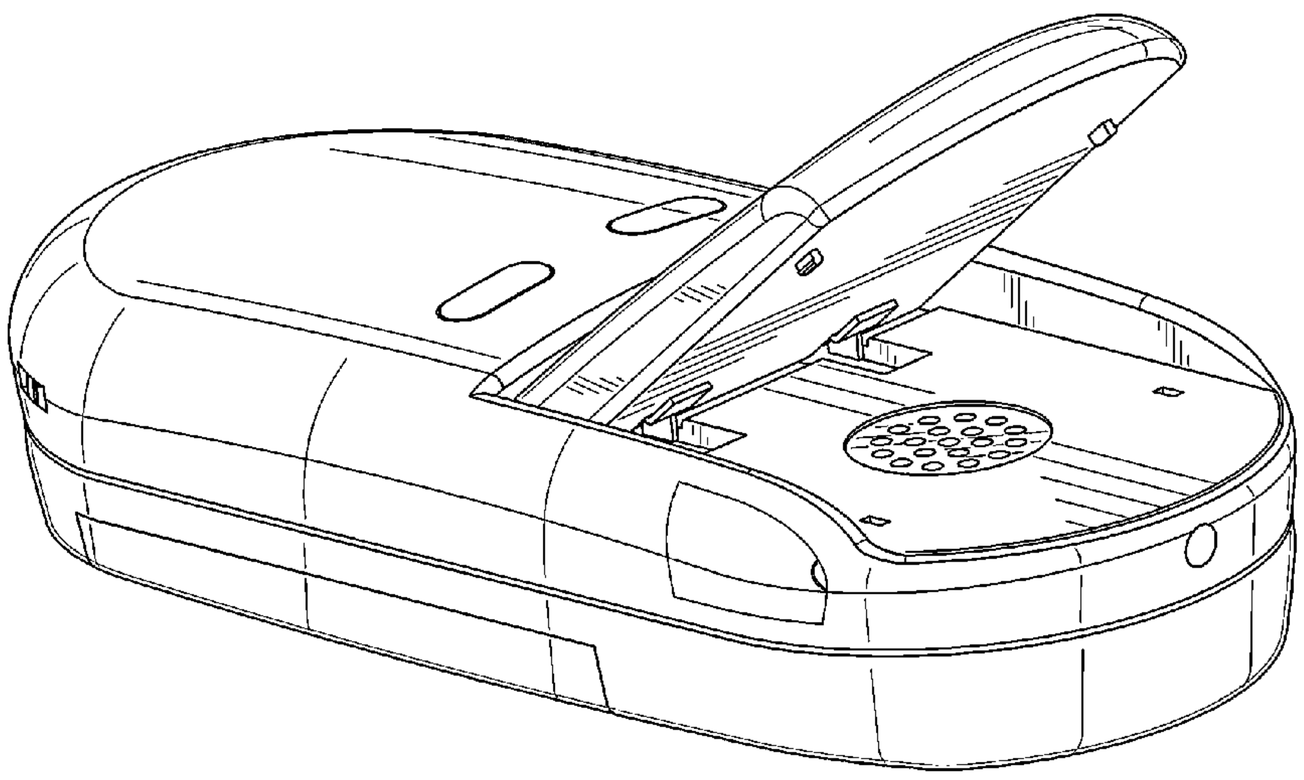

FIG. 2

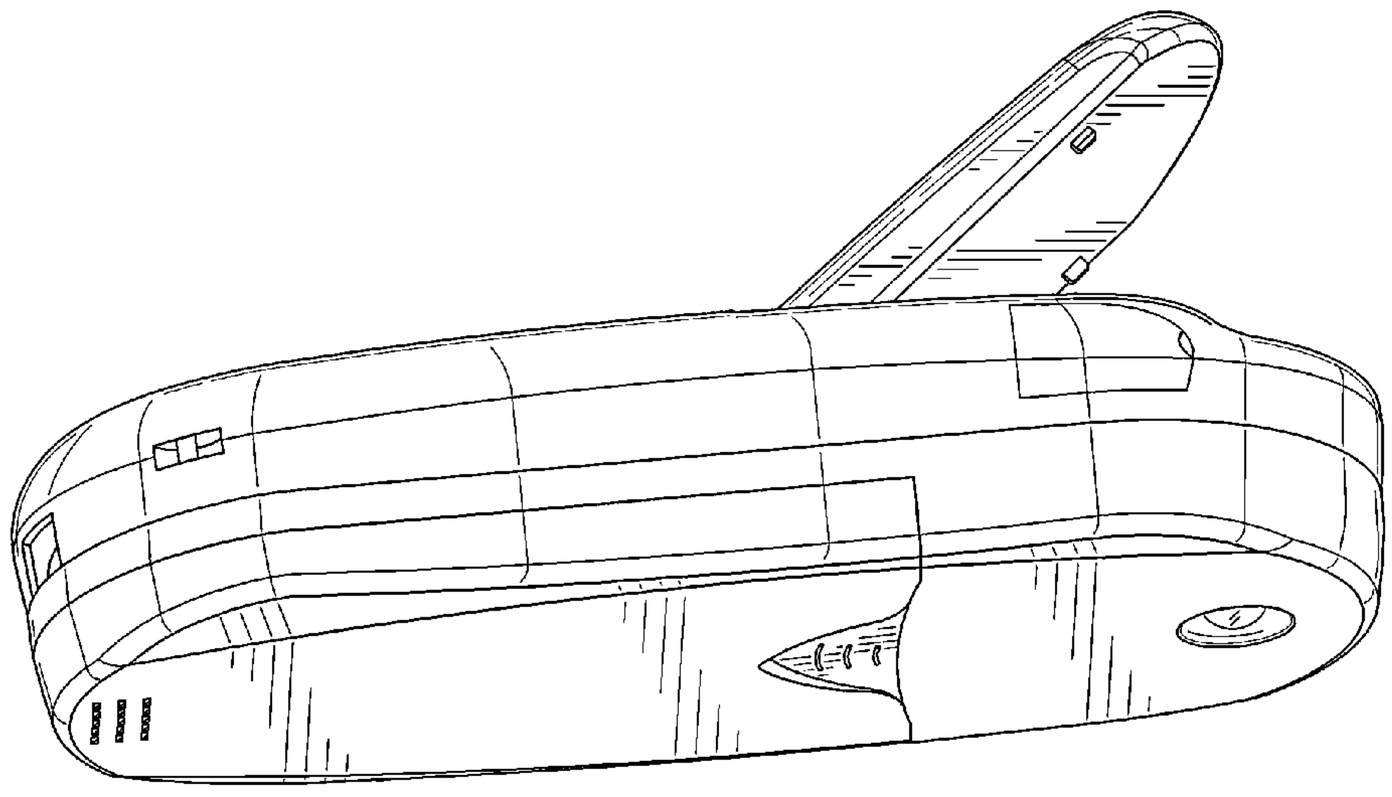

FIG. 3

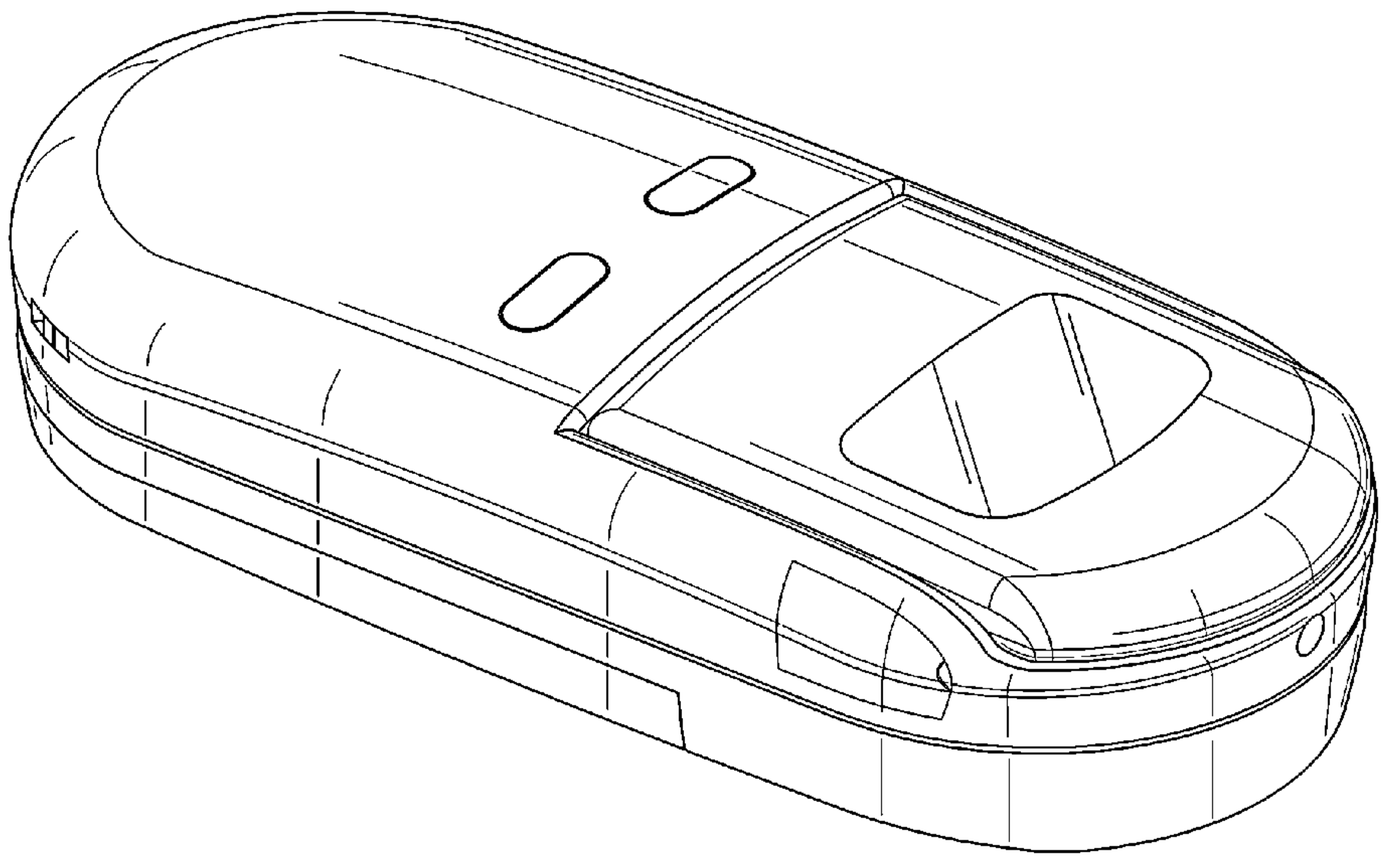

FIG. 4

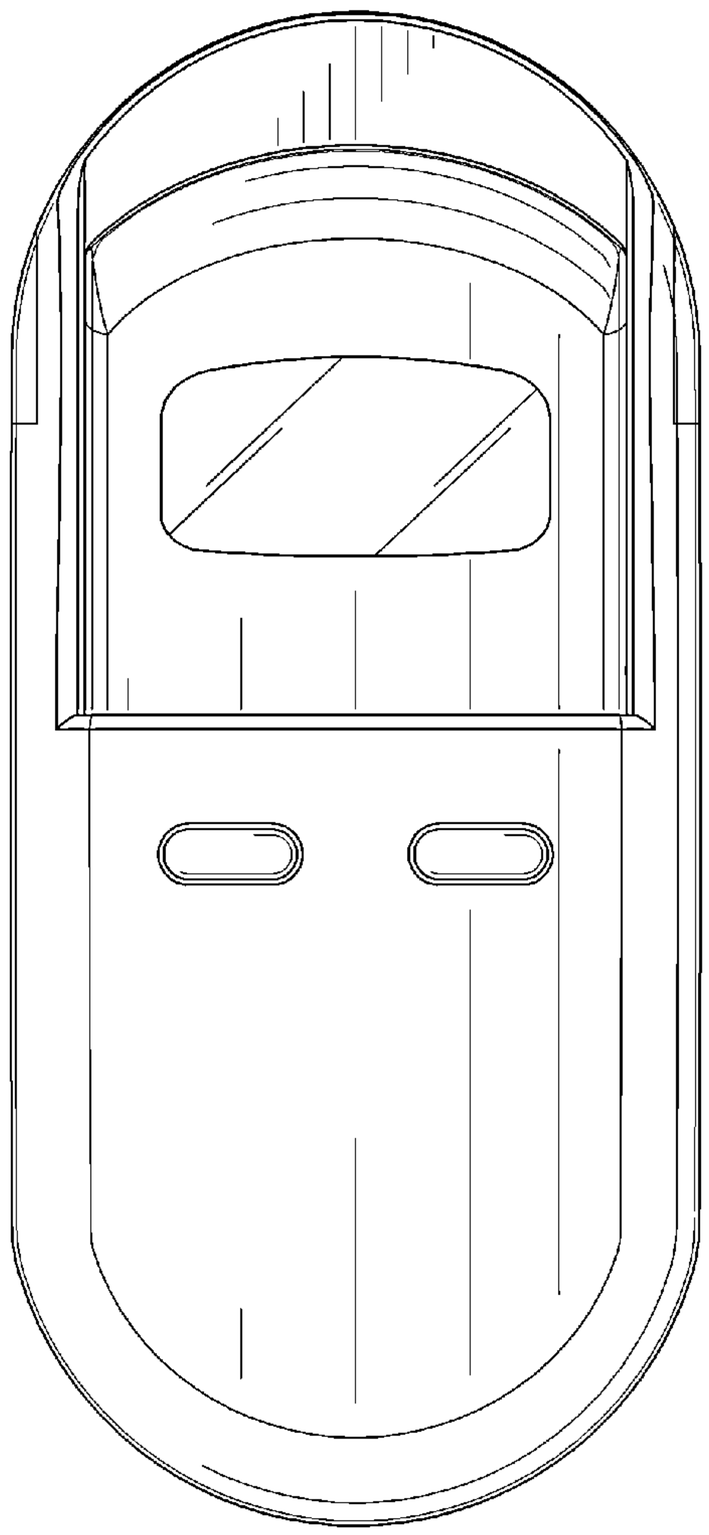

FIG. 5

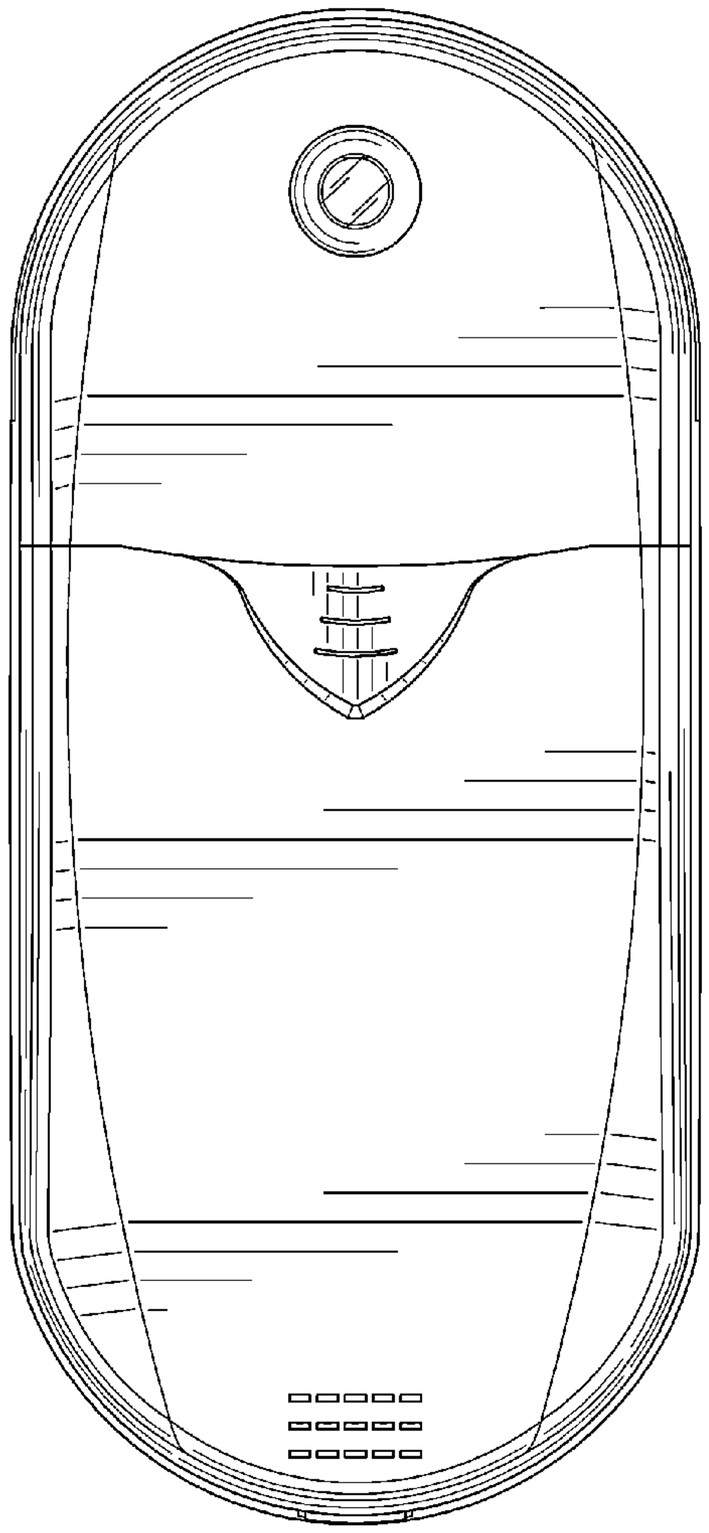

FIG. 6

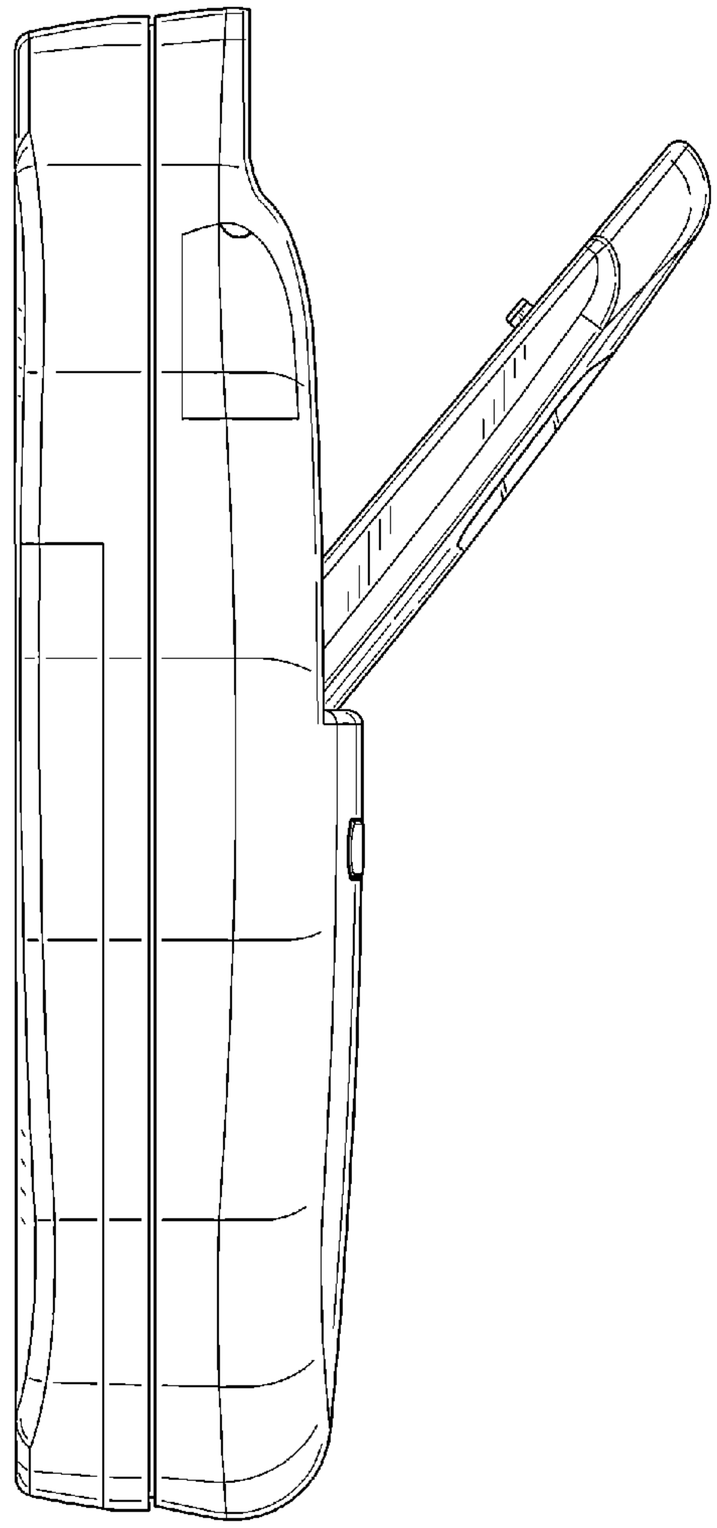

FIG. 7

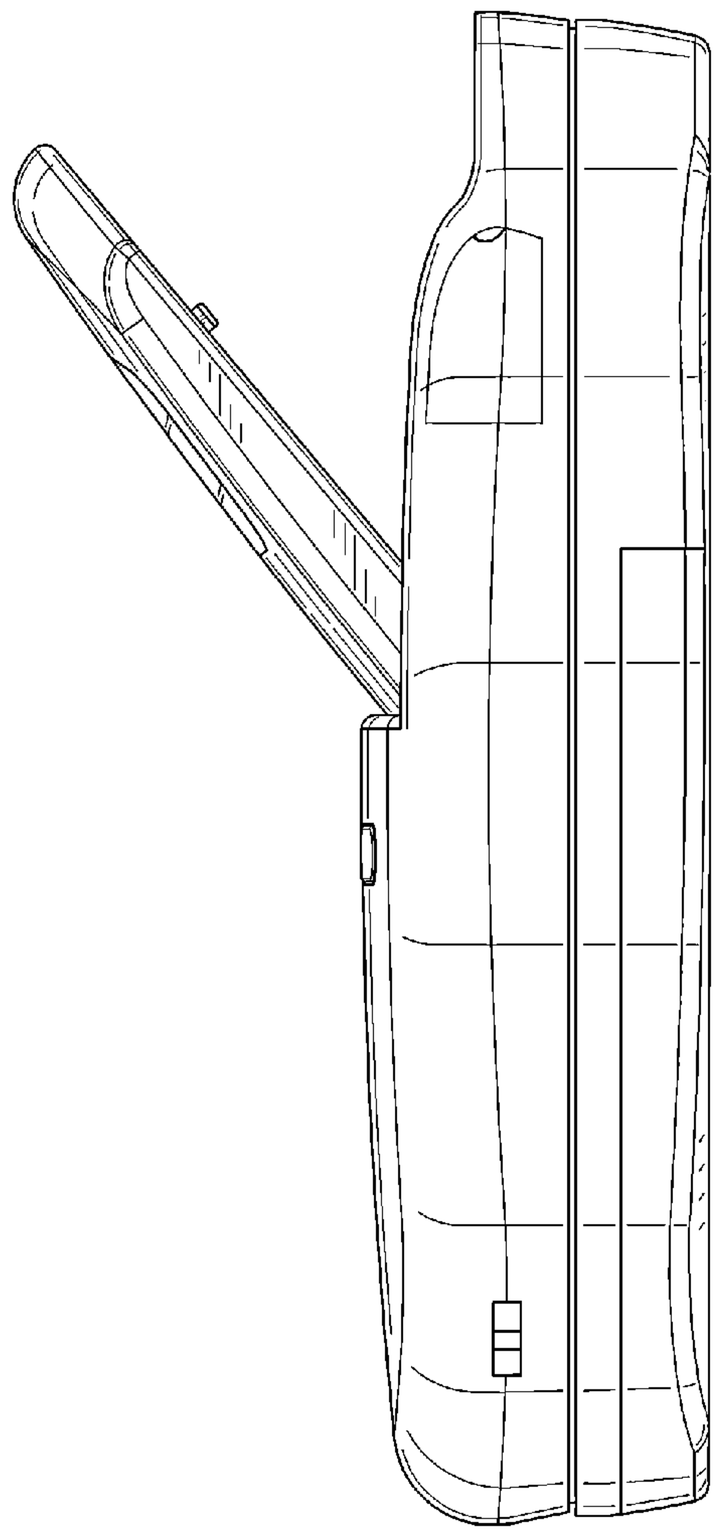

FIG. 8

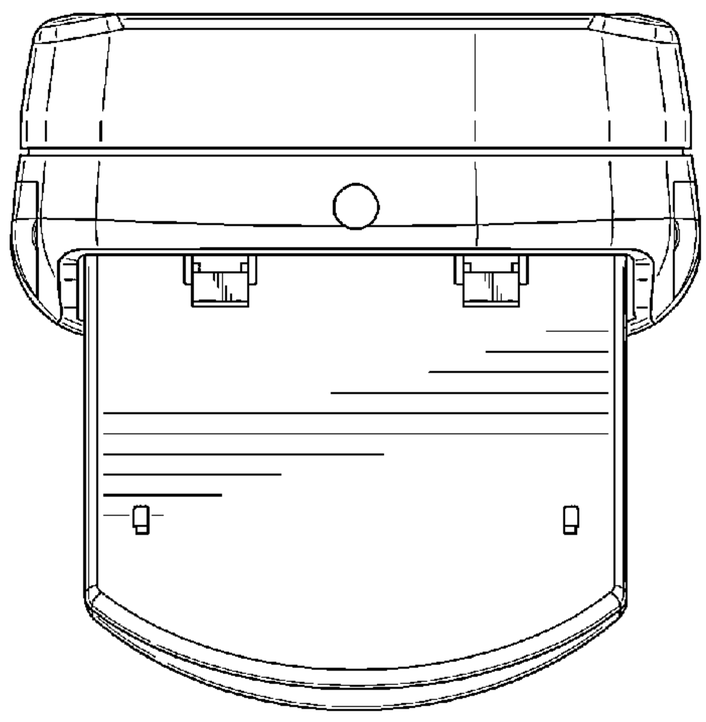

FIG. 9

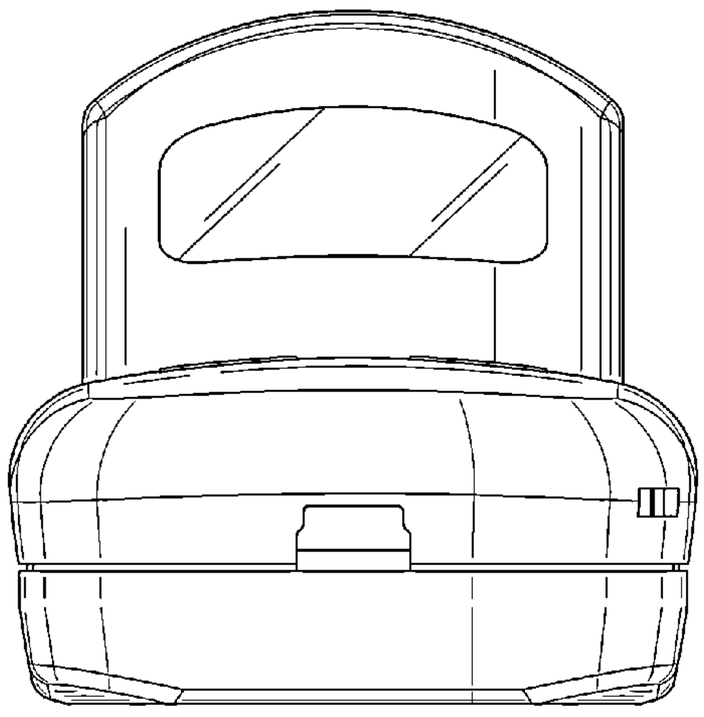

FIG. 10

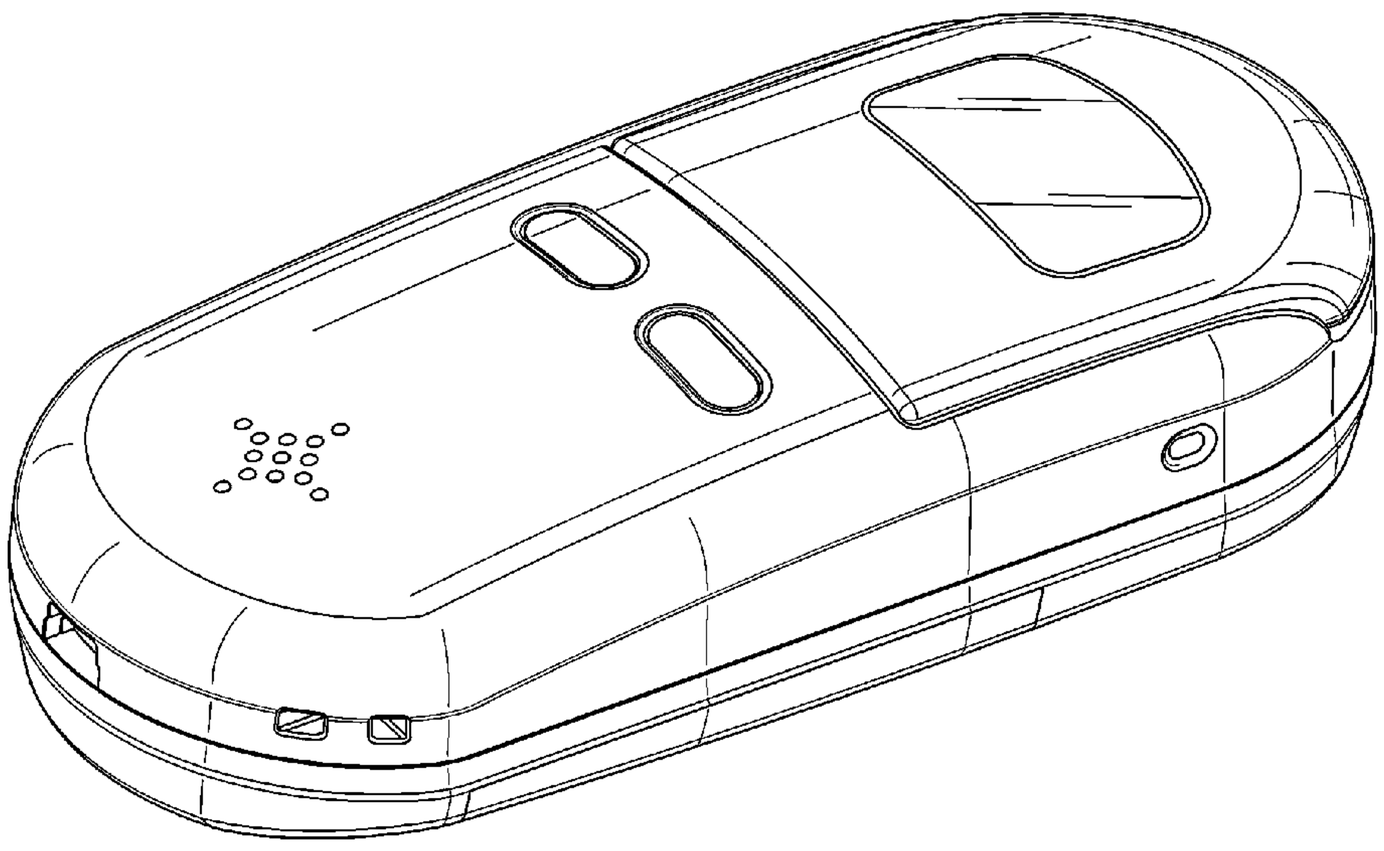

FIG. 11

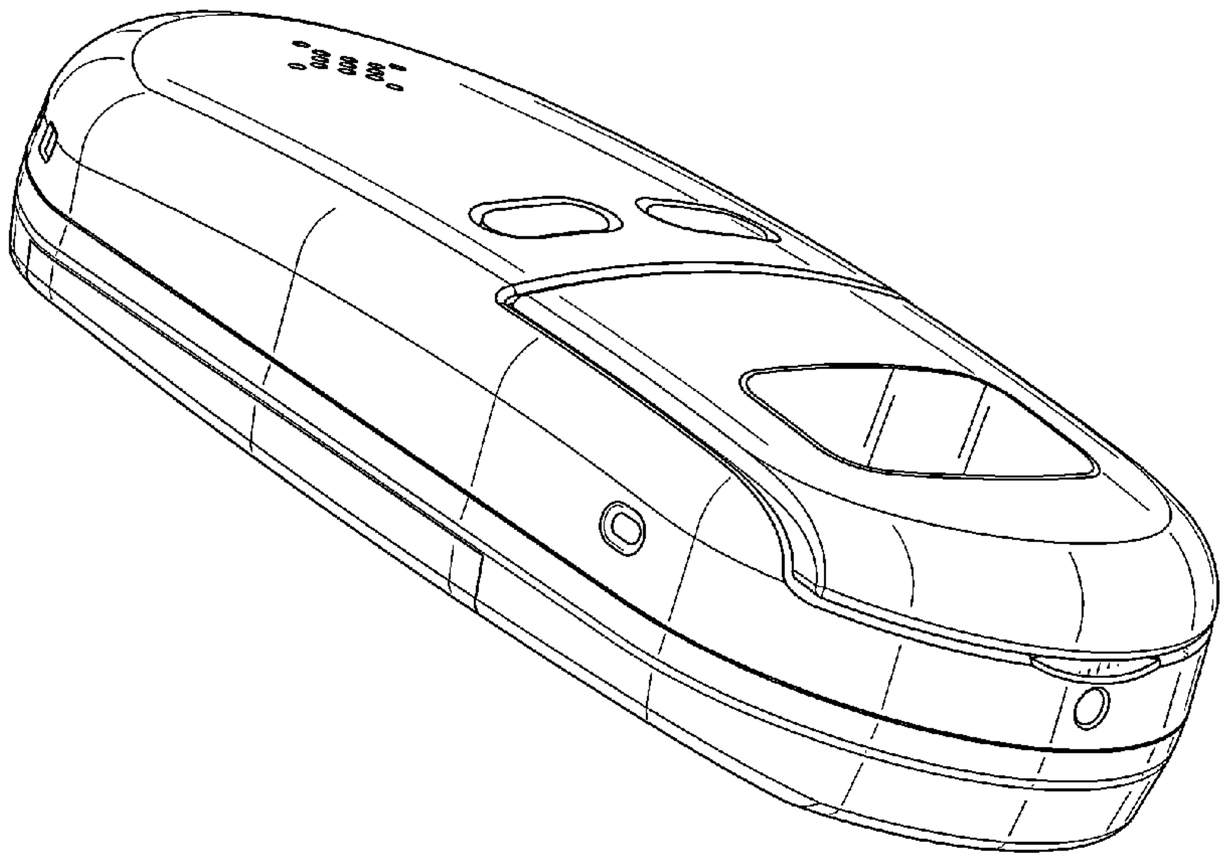

FIG. 12

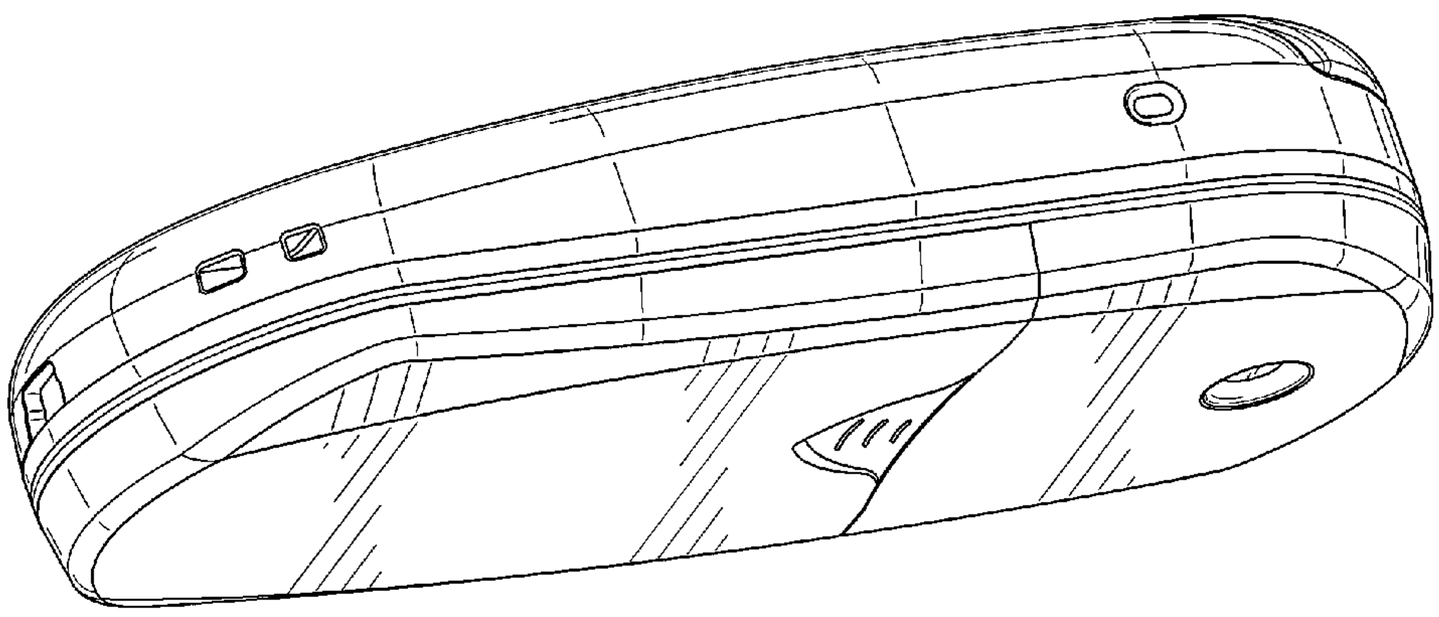

FIG. 13

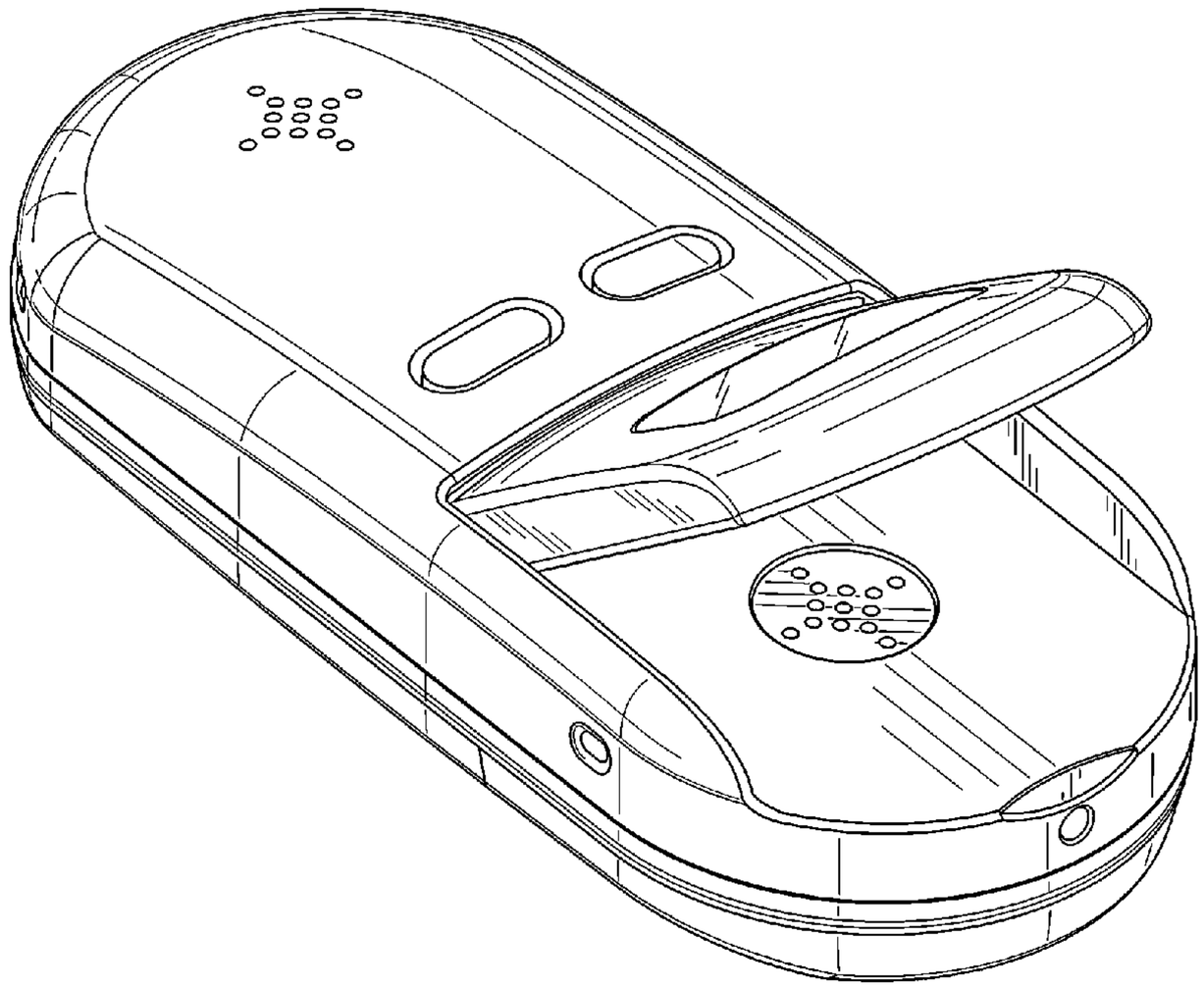

FIG. 14

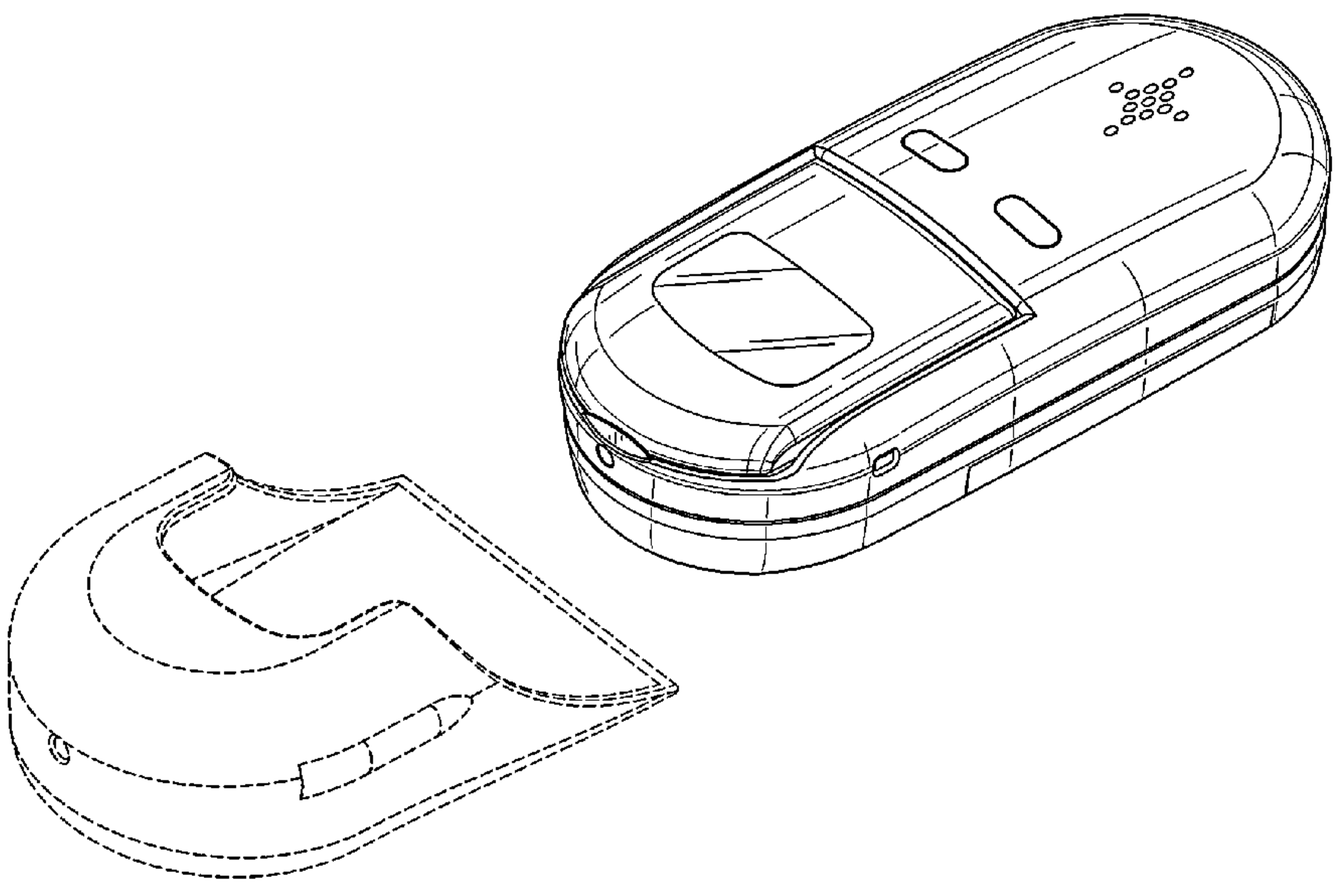

FIG. 15

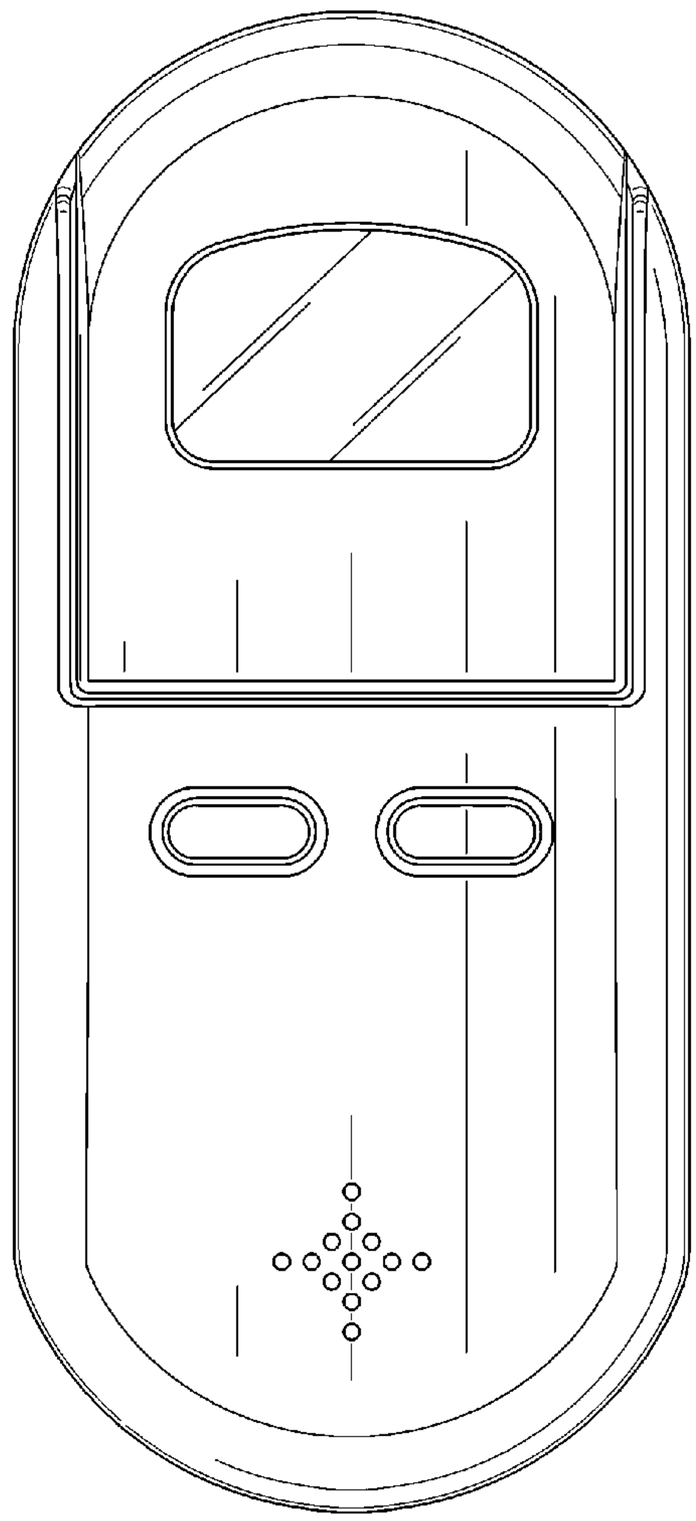

FIG. 16

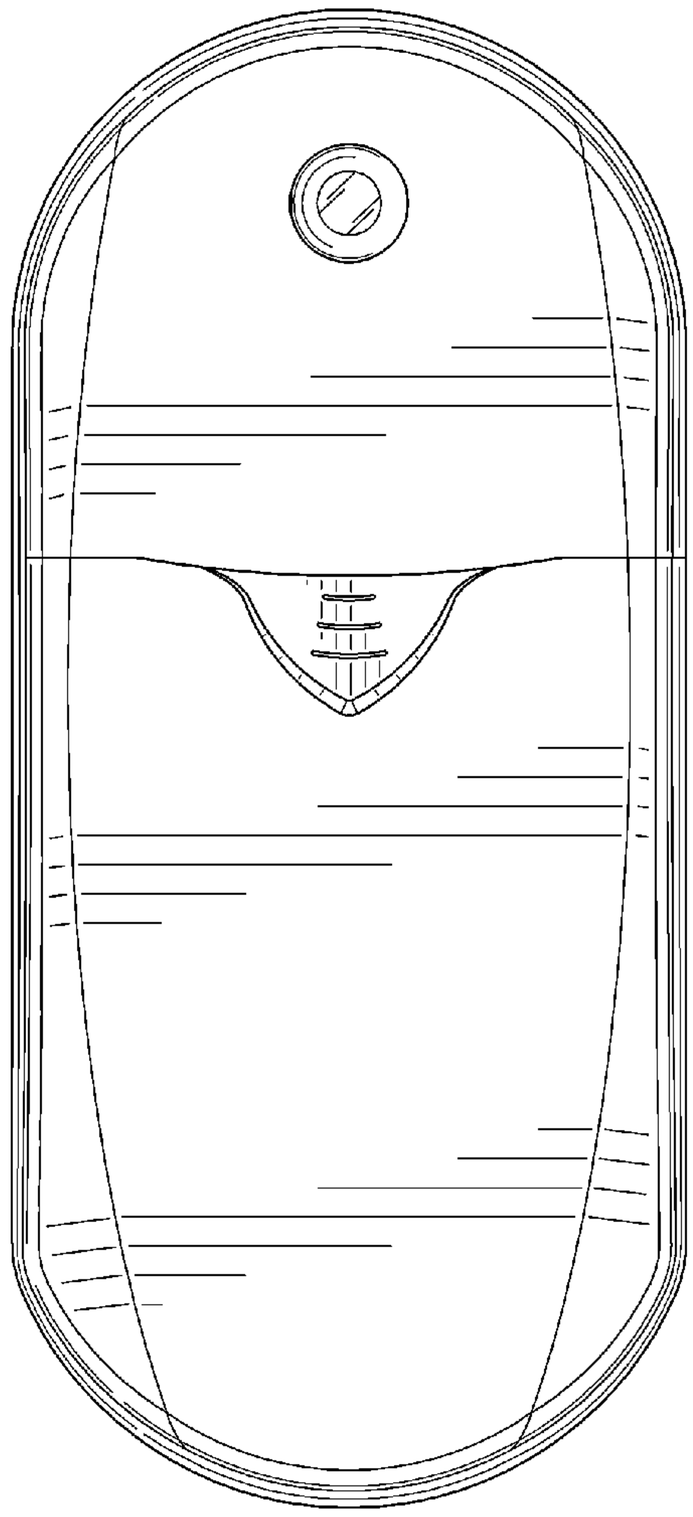

FIG. 17

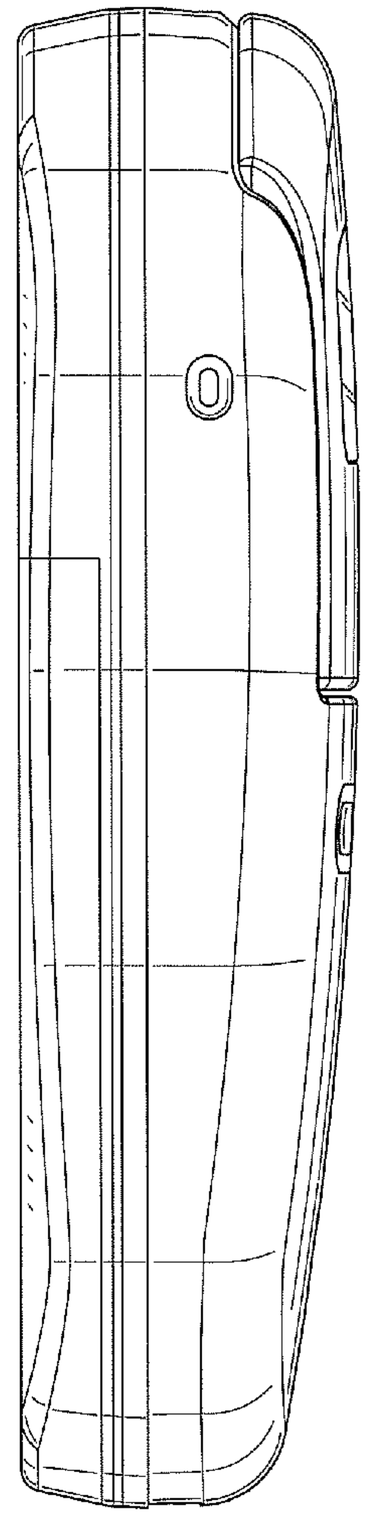

FIG. 18

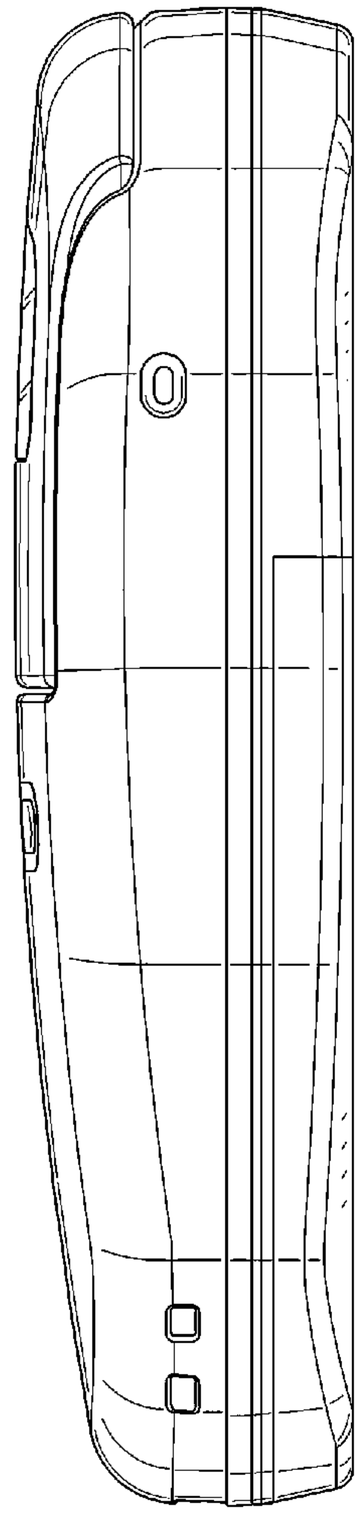

FIG. 19

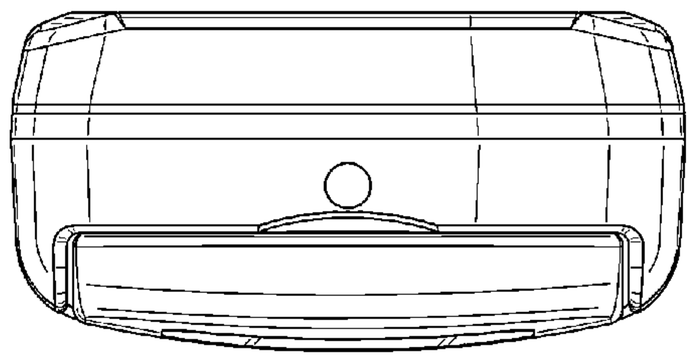

FIG. 20

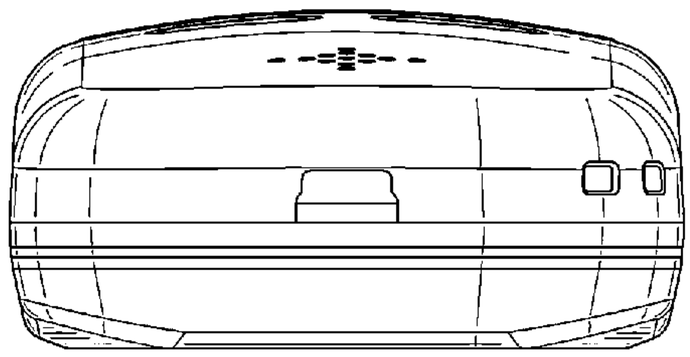

FIG. 21

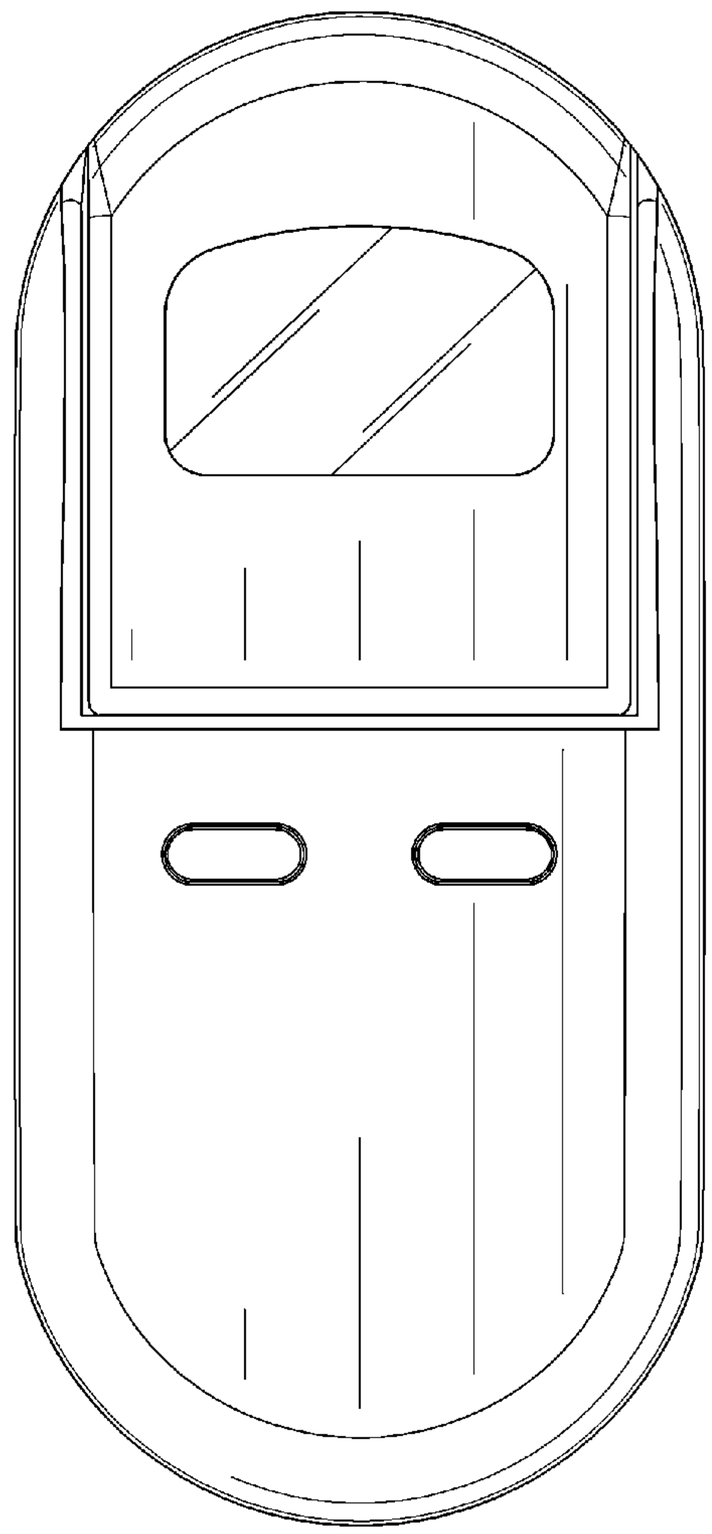

FIG. 22

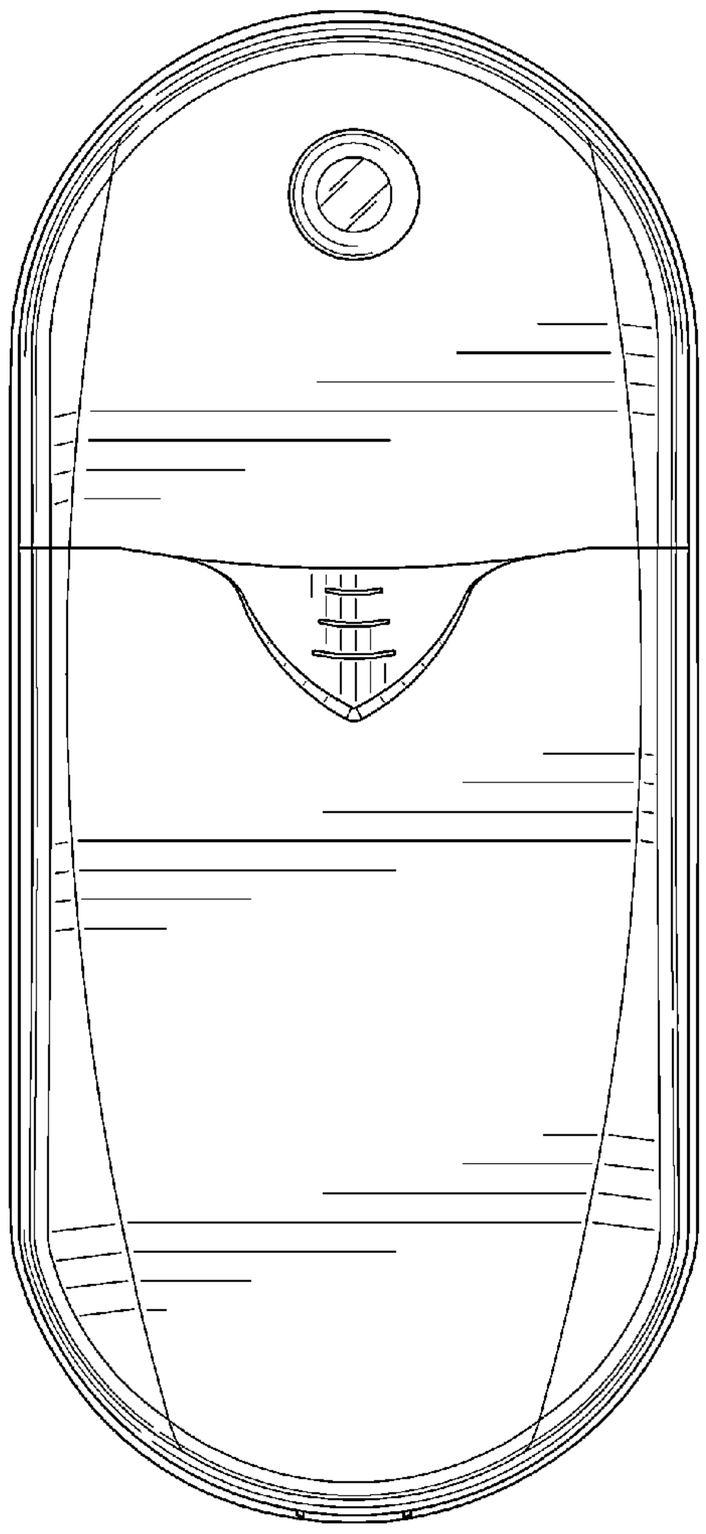

FIG. 23

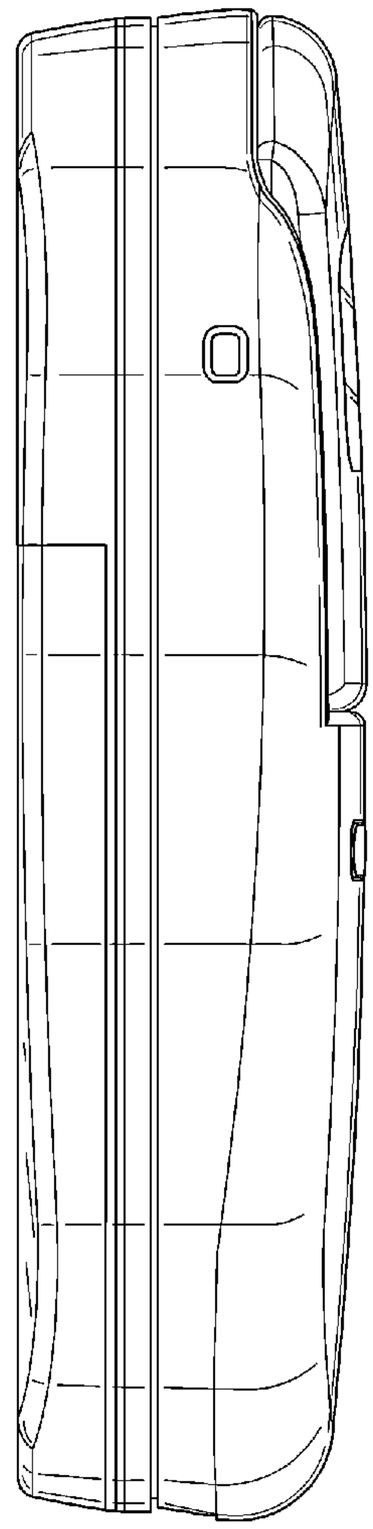

FIG. 24

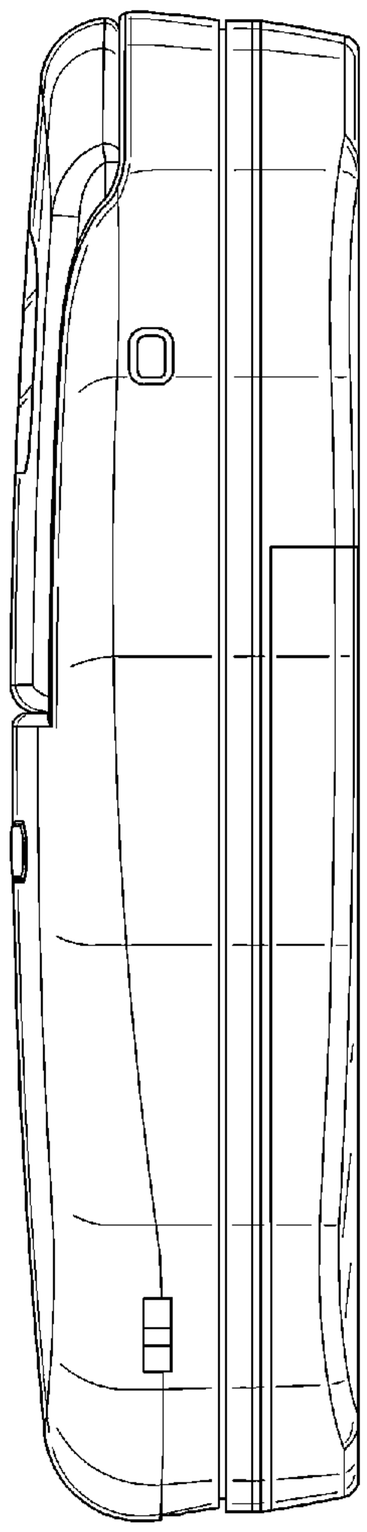

FIG. 25

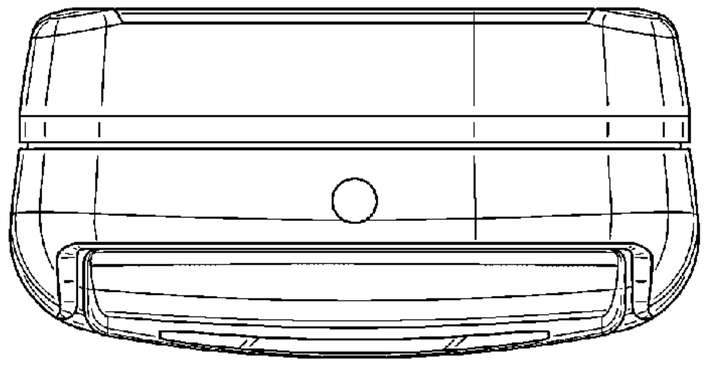

FIG. 26

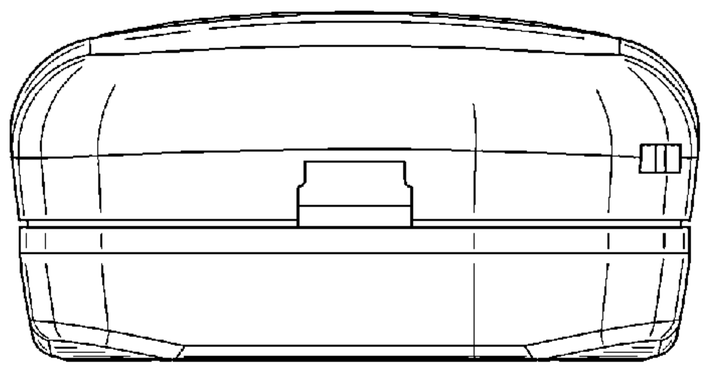

FIG. 27

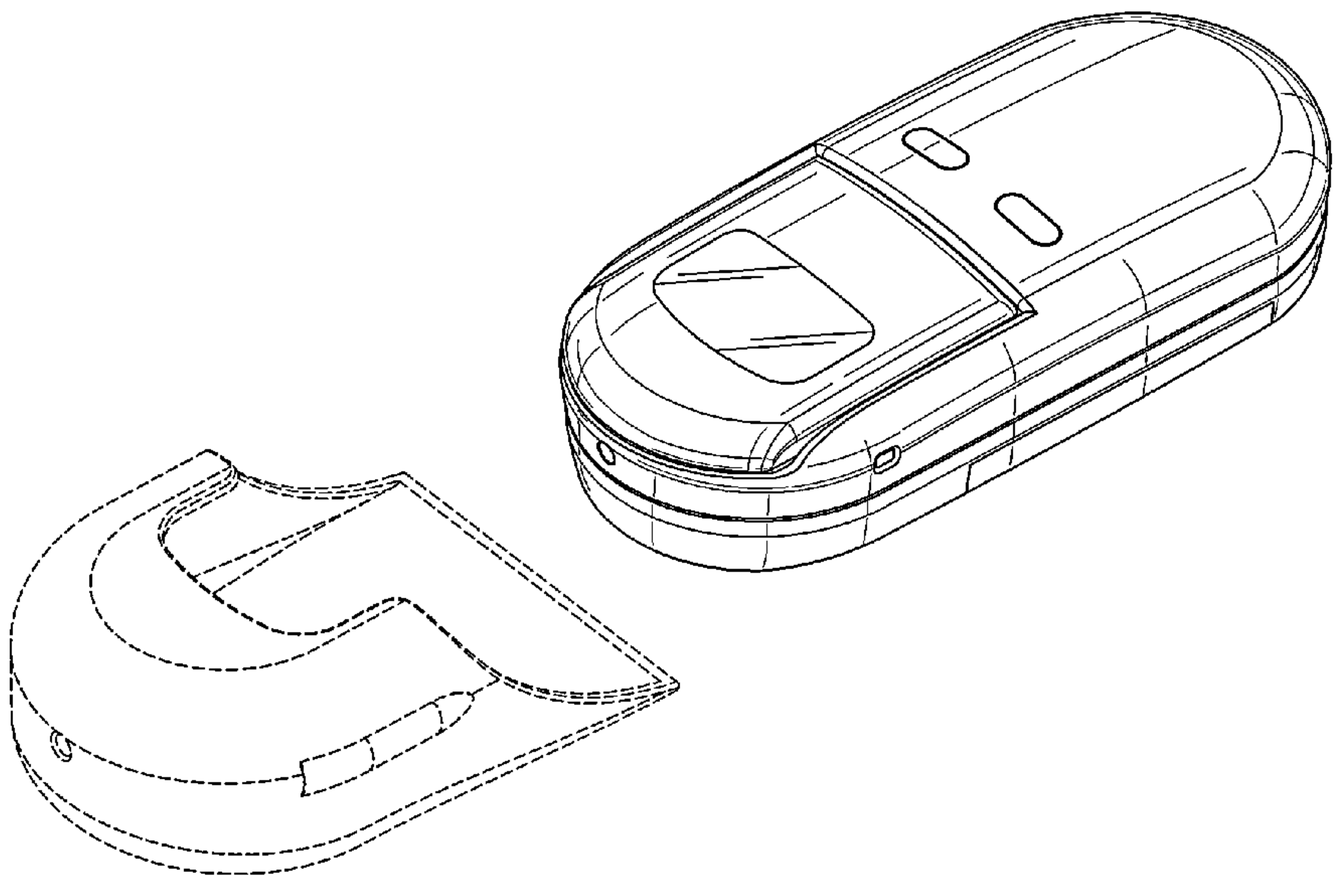

FIG. 28