



US00D601262S

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

(10) **Patent No.:** **US D601,262 S**

(45) **Date of Patent:** **** Sep. 29, 2009**

(54) **MEASURING DEVICE FOR THE LENGTH OF ROOT CANAL**

(75) Inventors: **Shinichi Okawa**, Kyoto (JP); **Hiroaki Kusakabe**, Kyoto (JP); **Seiichiro Yamashita**, Kyoto (JP); **Kyoko Yamada**, Kyoto (JP)

(73) Assignee: **J. Morita Manufacturing Corporation** (JP)

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

(21) Appl. No.: **29/289,477**

(22) Filed: **Jul. 20, 2007**

(30) **Foreign Application Priority Data**

Jan. 26, 2007 (JP) D 2007-004582

(51) **LOC (9) Cl.** **24-02**

(52) **U.S. Cl.** **D24/186; D24/176**

(58) **Field of Classification Search** D10/46,
D10/70, 78; D24/140, 180, 133, 176-177,
D24/186; 433/27, 72, 75, 77, 98-99; 33/513-514;
D3/218; 422/68.1; 600/309
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,273,531 A * 6/1981 Hasegawa 433/27
5,897,315 A * 4/1999 Nakayama et al. 433/72
5,902,105 A * 5/1999 Uejima et al. 433/27
D457,144 S * 5/2002 Suen D13/162
D522,657 S * 6/2006 Murphy et al. D24/186
D539,428 S * 3/2007 Nakanishi D24/177
D548,347 S * 8/2007 Ichino et al. D24/186

D548,839 S * 8/2007 Kobayakawa et al. D24/165
D581,056 S * 11/2008 Kurokawa et al. D24/186
2006/0263742 A1 * 11/2006 Saliger 433/72
2008/0241783 A1 * 10/2008 Yamashita et al. 433/72

* cited by examiner

Primary Examiner—Ian Simmons

Assistant Examiner—Wan Laymon

(74) *Attorney, Agent, or Firm*—SAIDMAN DesignLaw Group

(57) **CLAIM**

The ornamental design for a measuring device for the length of root canal, as shown and described.

DESCRIPTION

FIG. 1 is a front view of a measuring device for the length of root canal, showing my new design;

FIG. 2 is a rear view thereof;

FIG. 3 is a top plan view thereof;

FIG. 4 is a bottom plan view thereof;

FIG. 5 is a right side view thereof;

FIG. 6 is a left side view thereof;

FIG. 7 is a perspective view thereof;

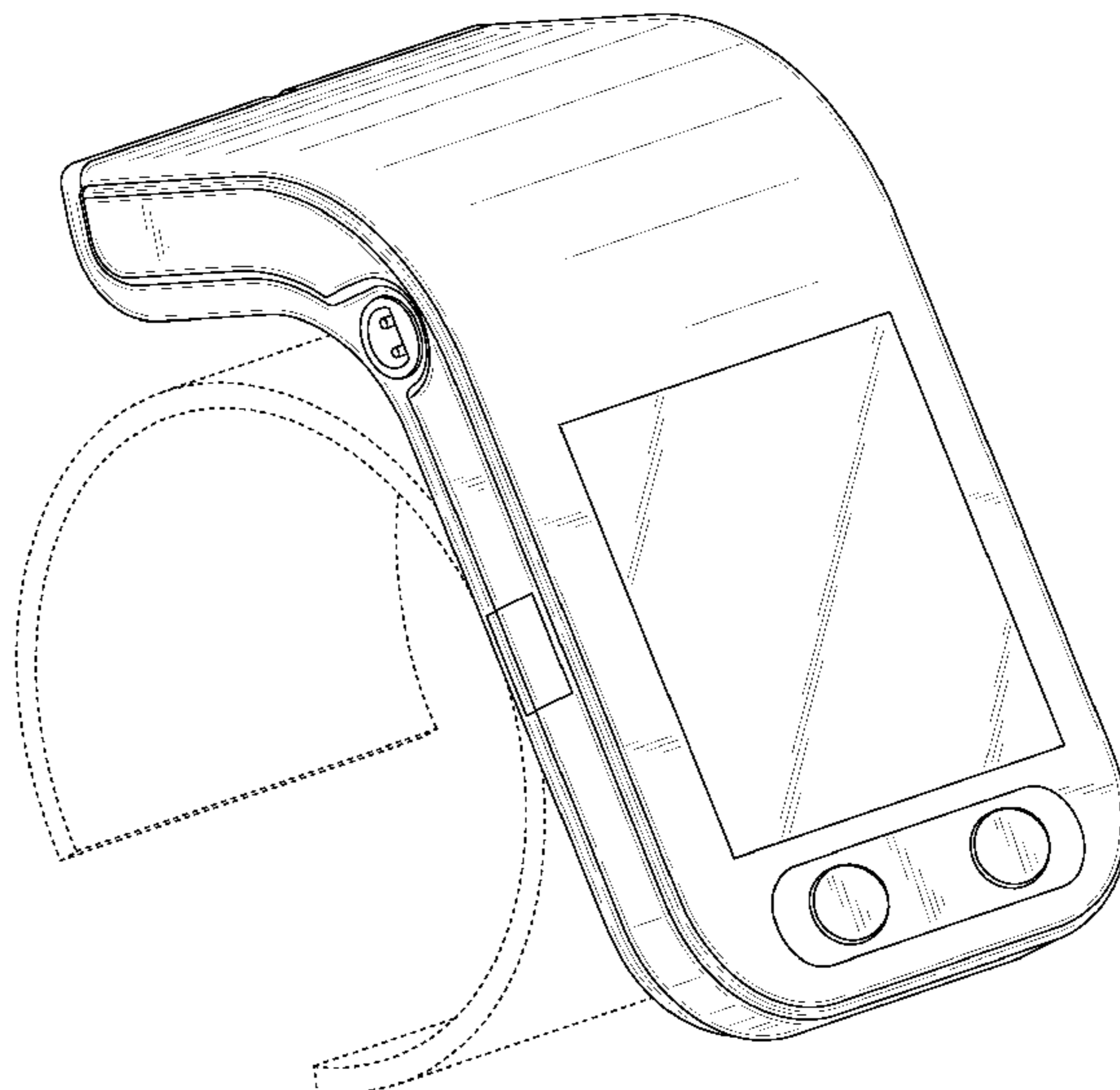
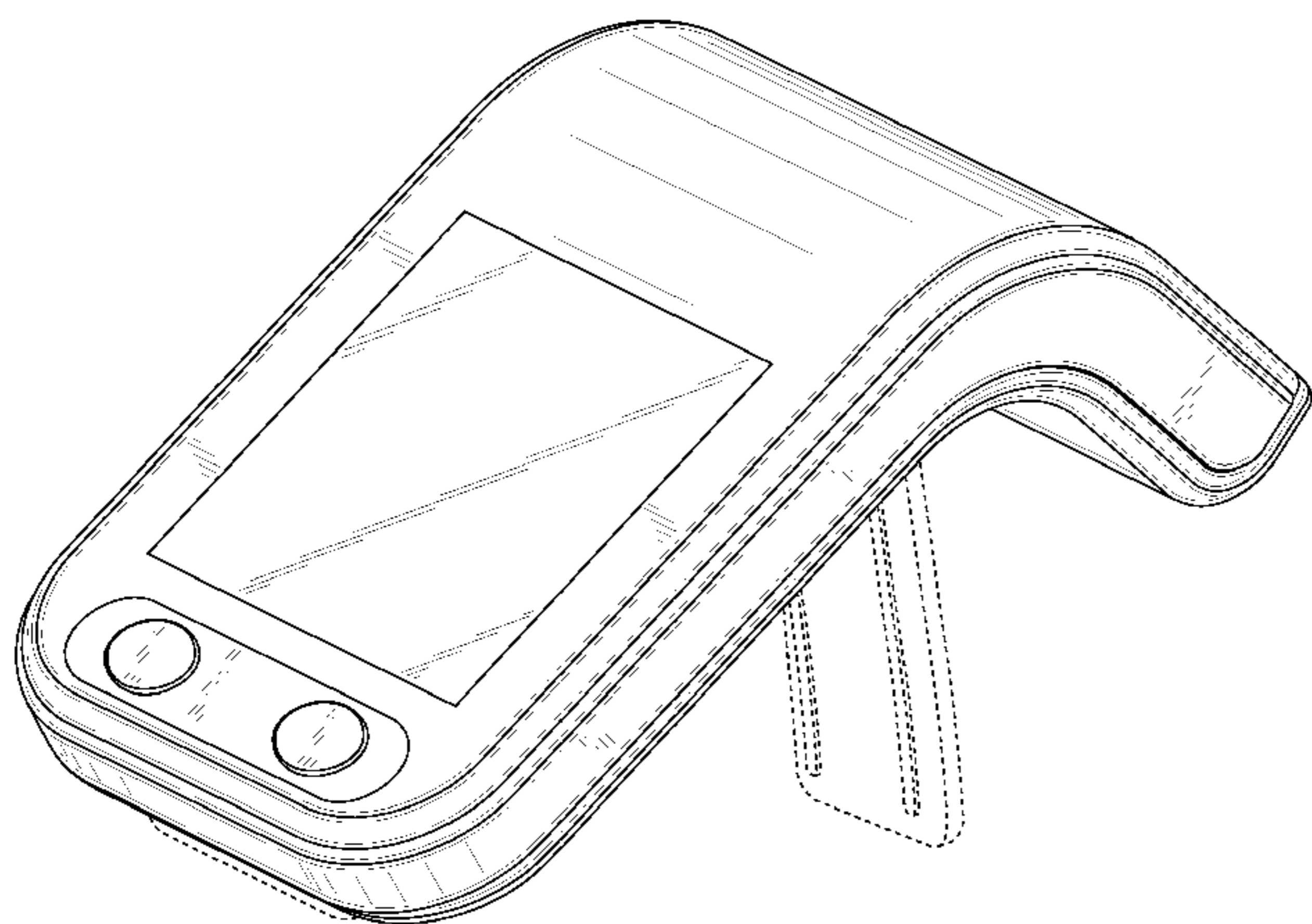
FIG. 8 is a perspective view, where the stand member is opened;

FIG. 9 is a perspective view, where another stand member is attached; and,

FIG. 10 is a perspective view, where still another stand member is attached.

The broken line showing the stand members is for illustrative purpose and forms no part of the claimed design.

1 Claim, 9 Drawing Sheets



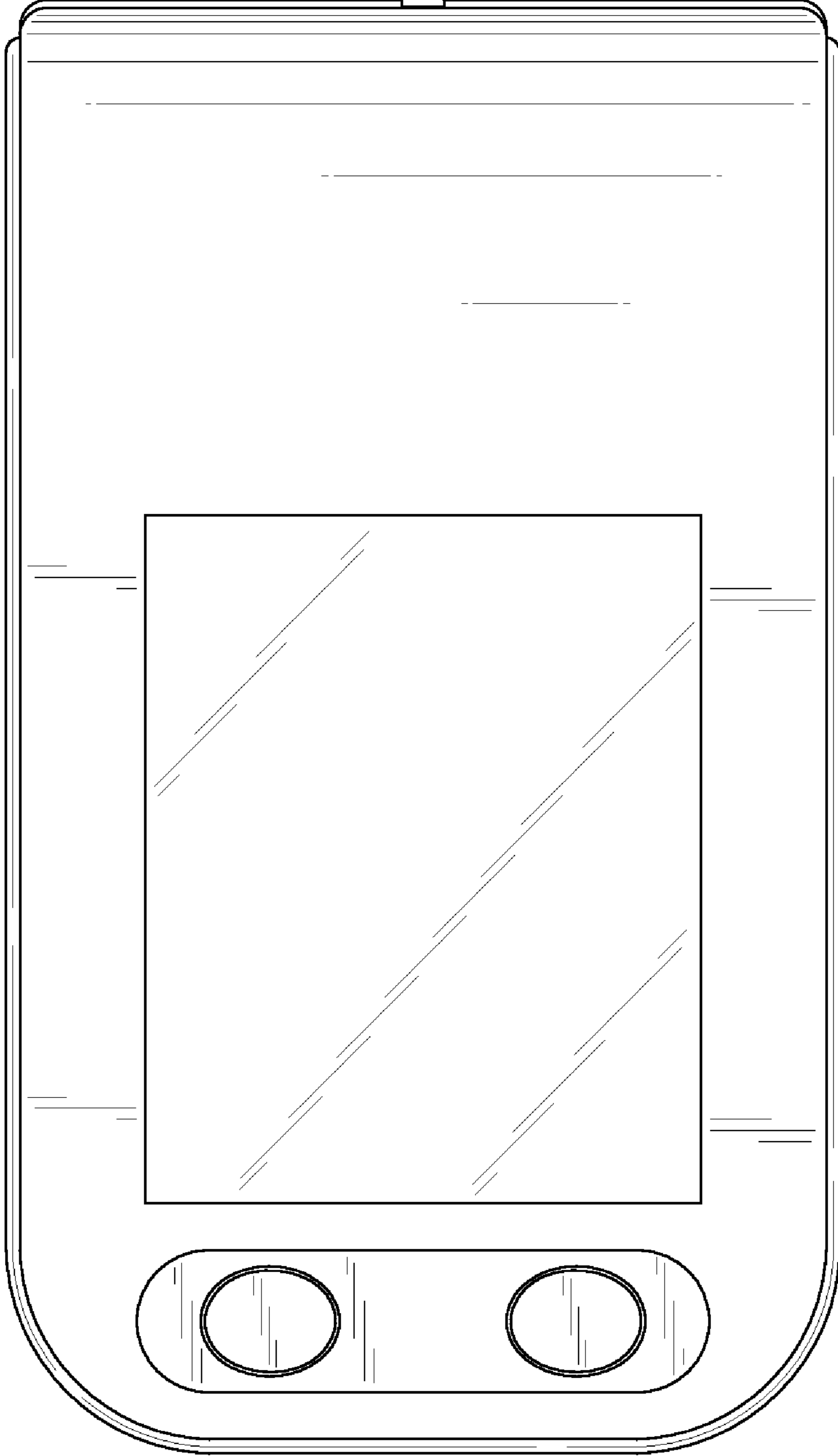


Fig. 1

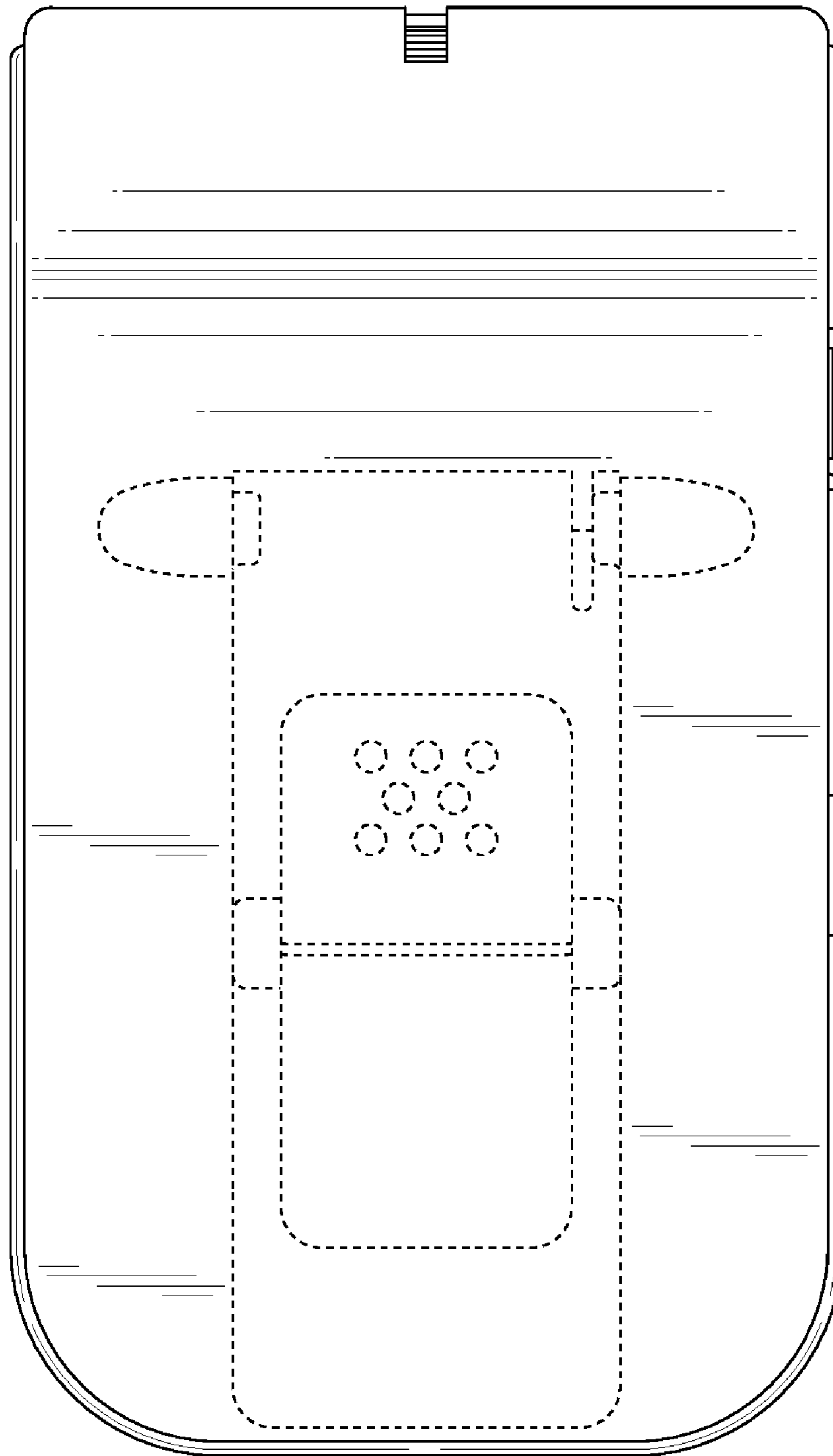


Fig. 2

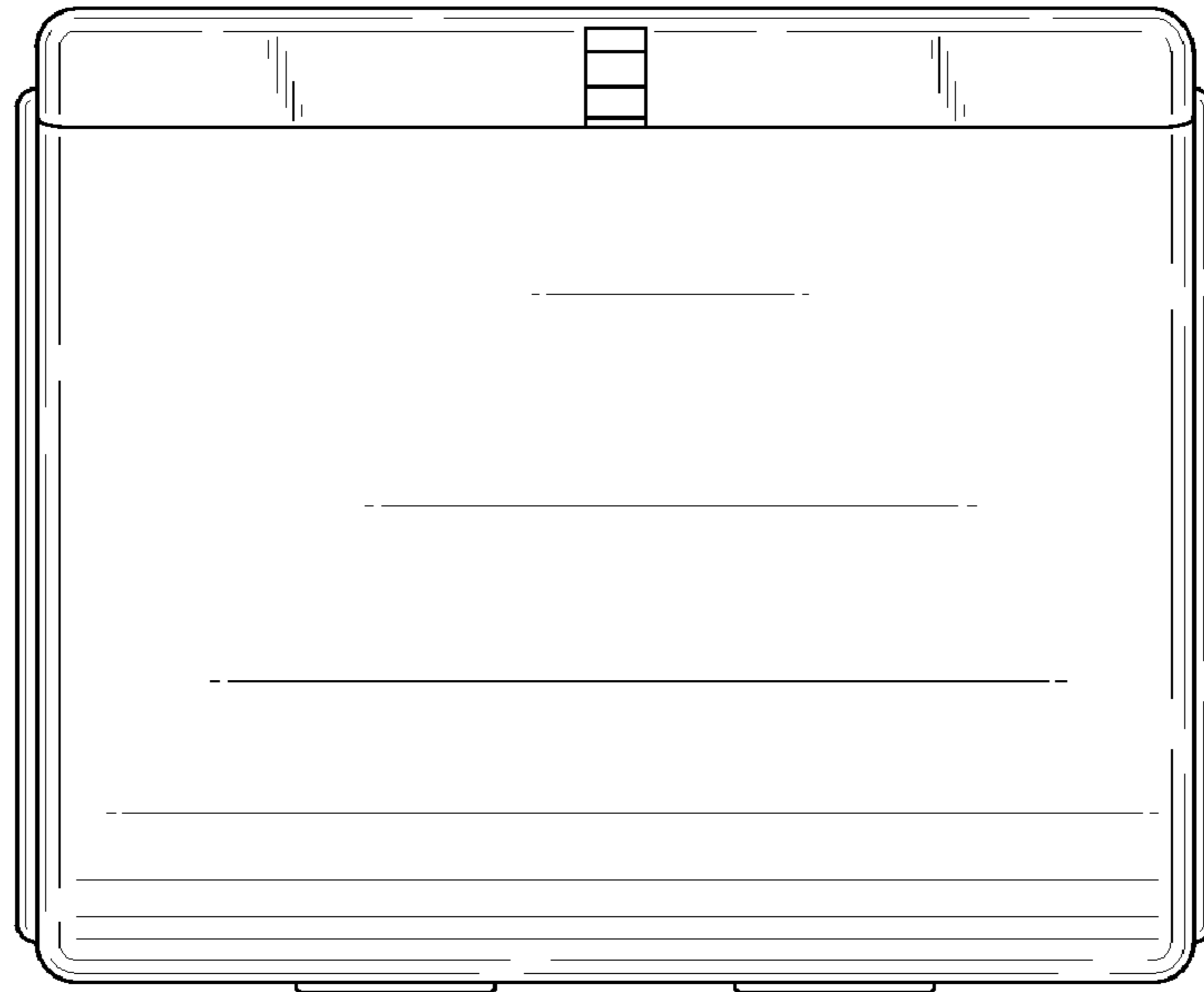


Fig. 3

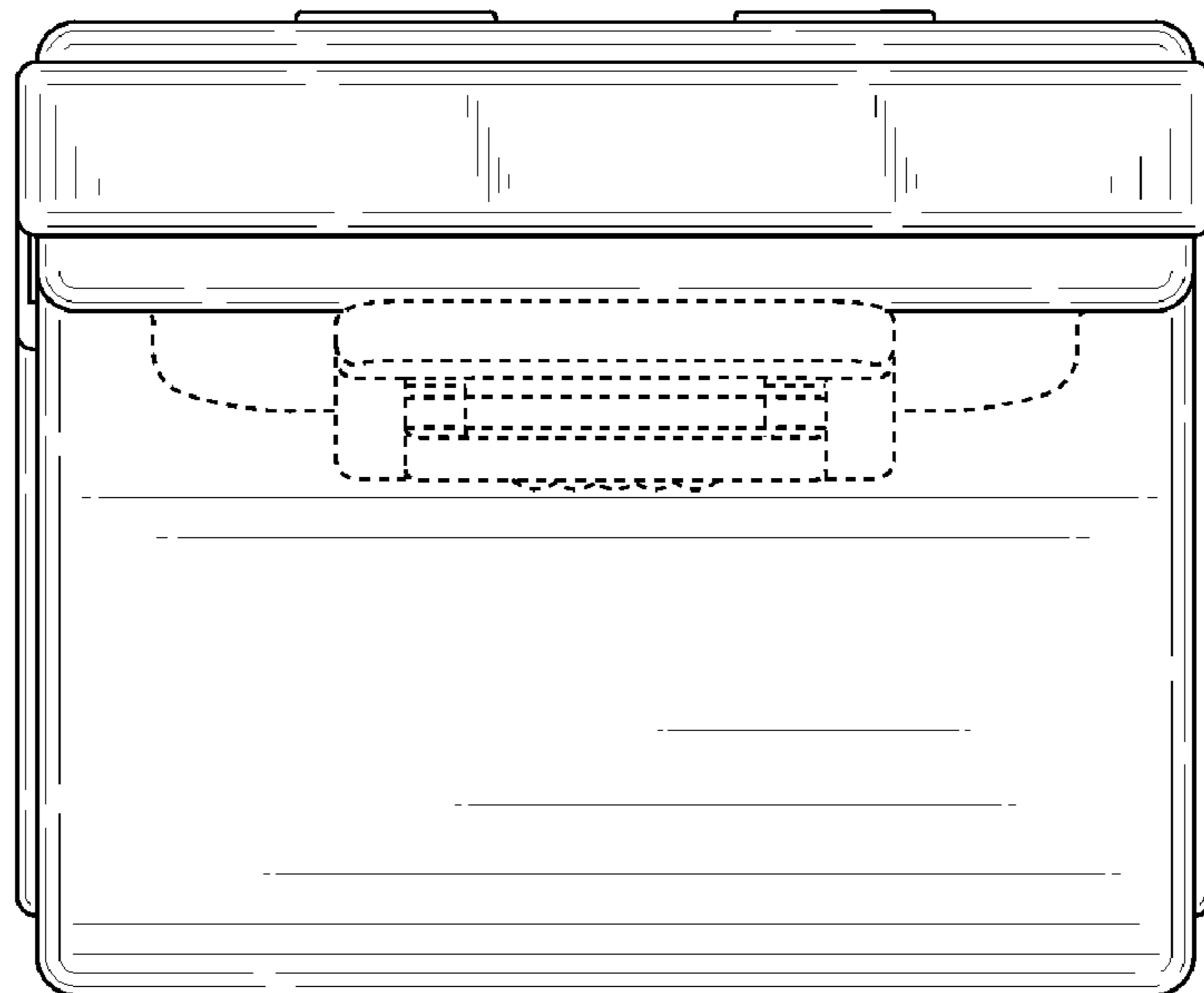


Fig. 4

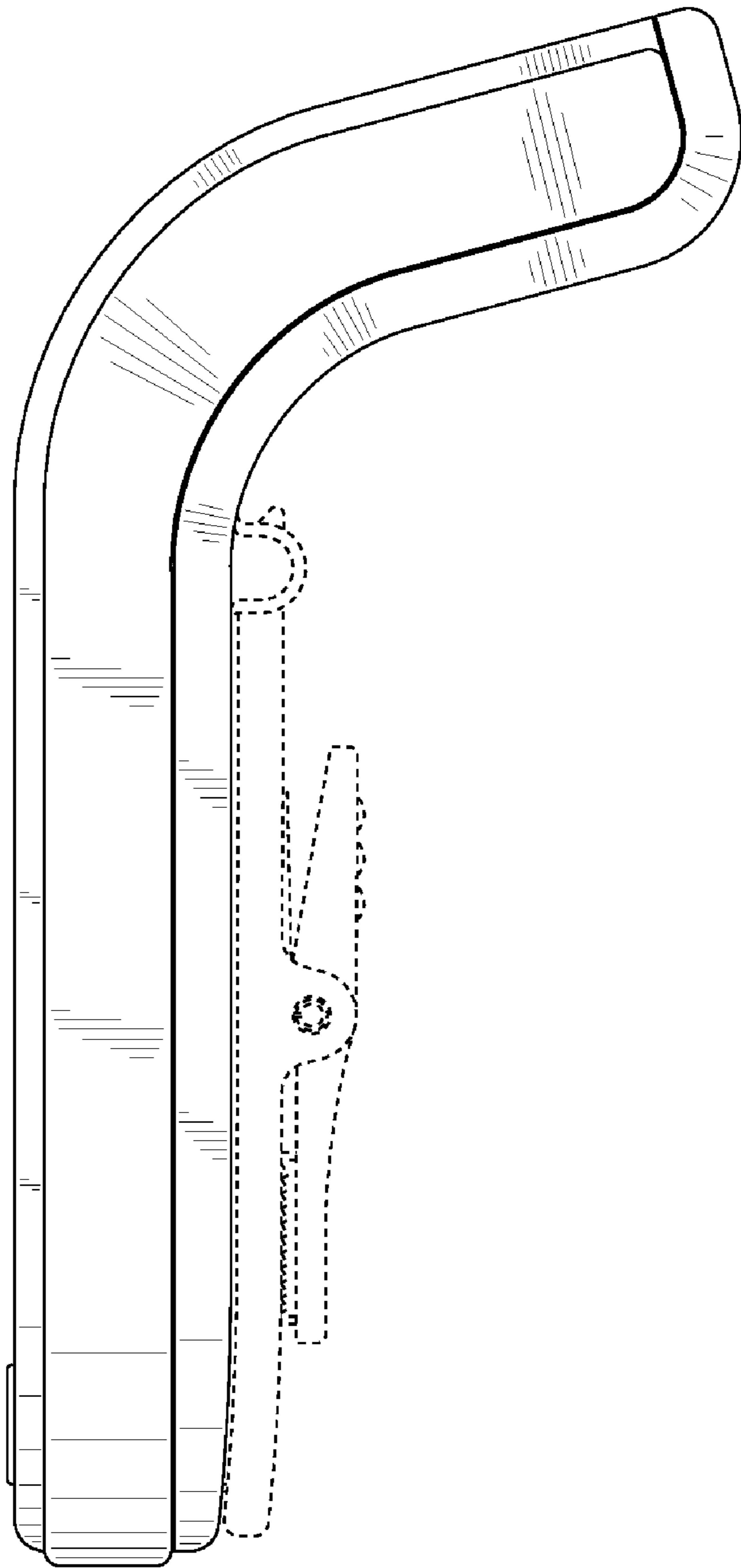


Fig. 5

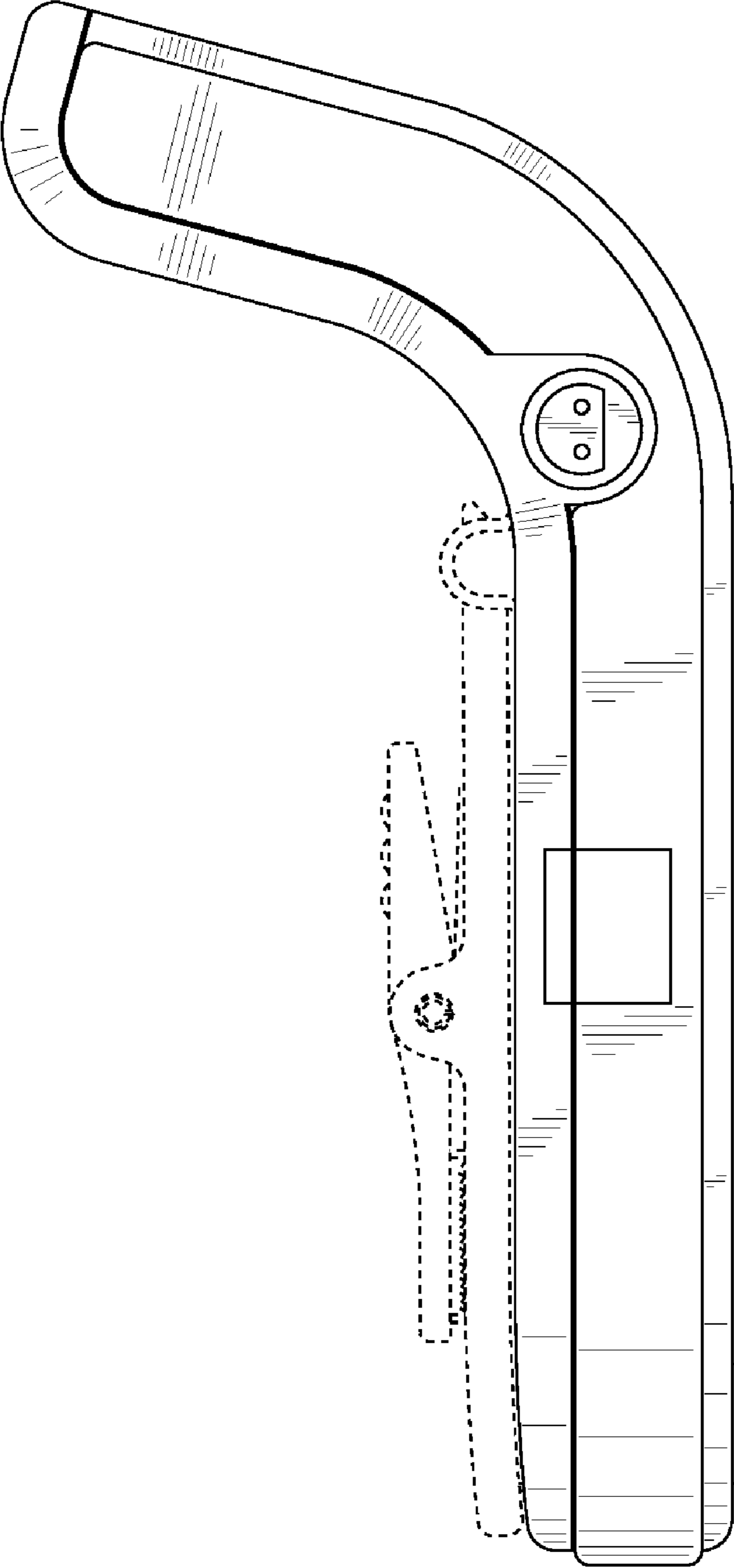


Fig. 6

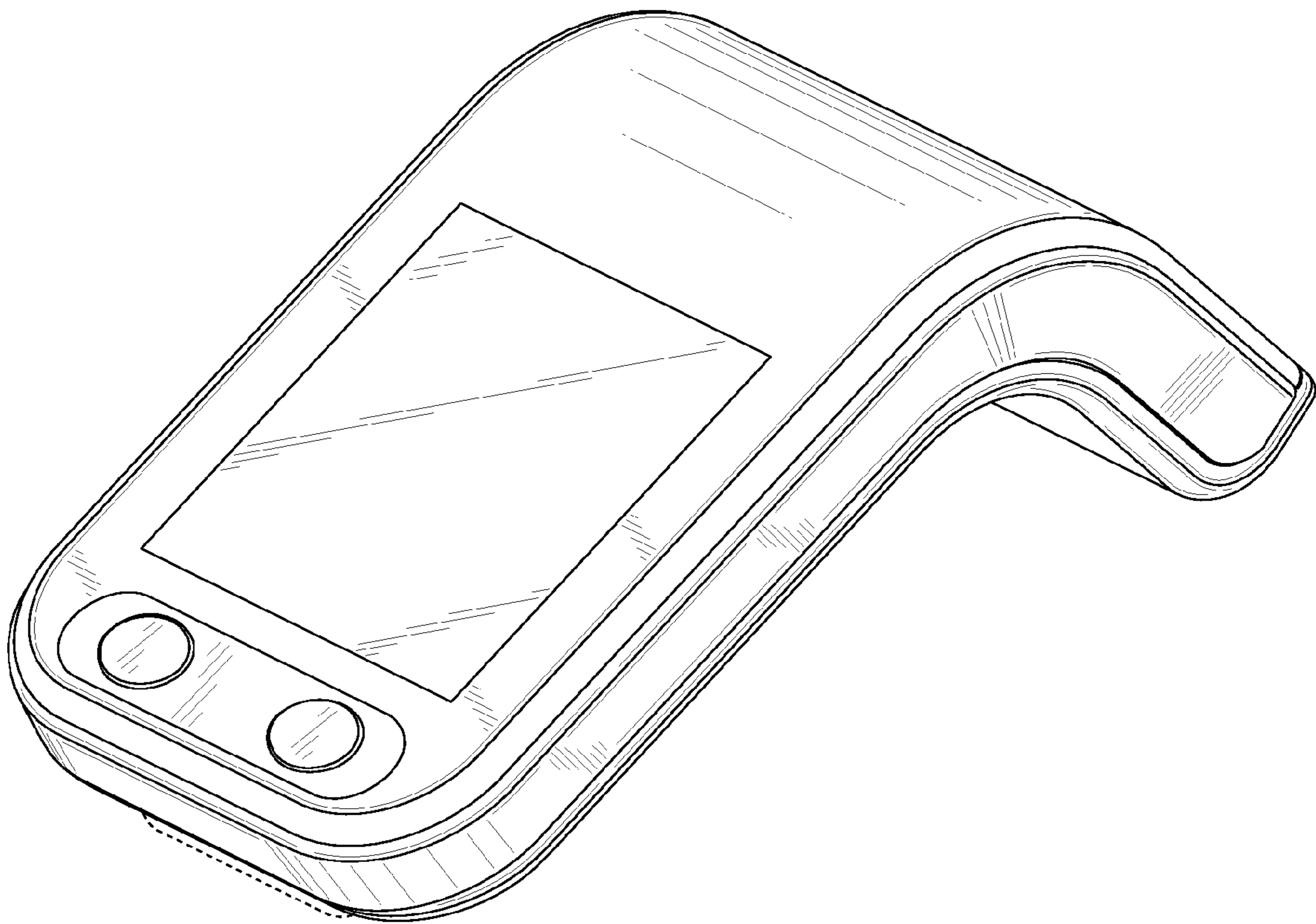


Fig. 7

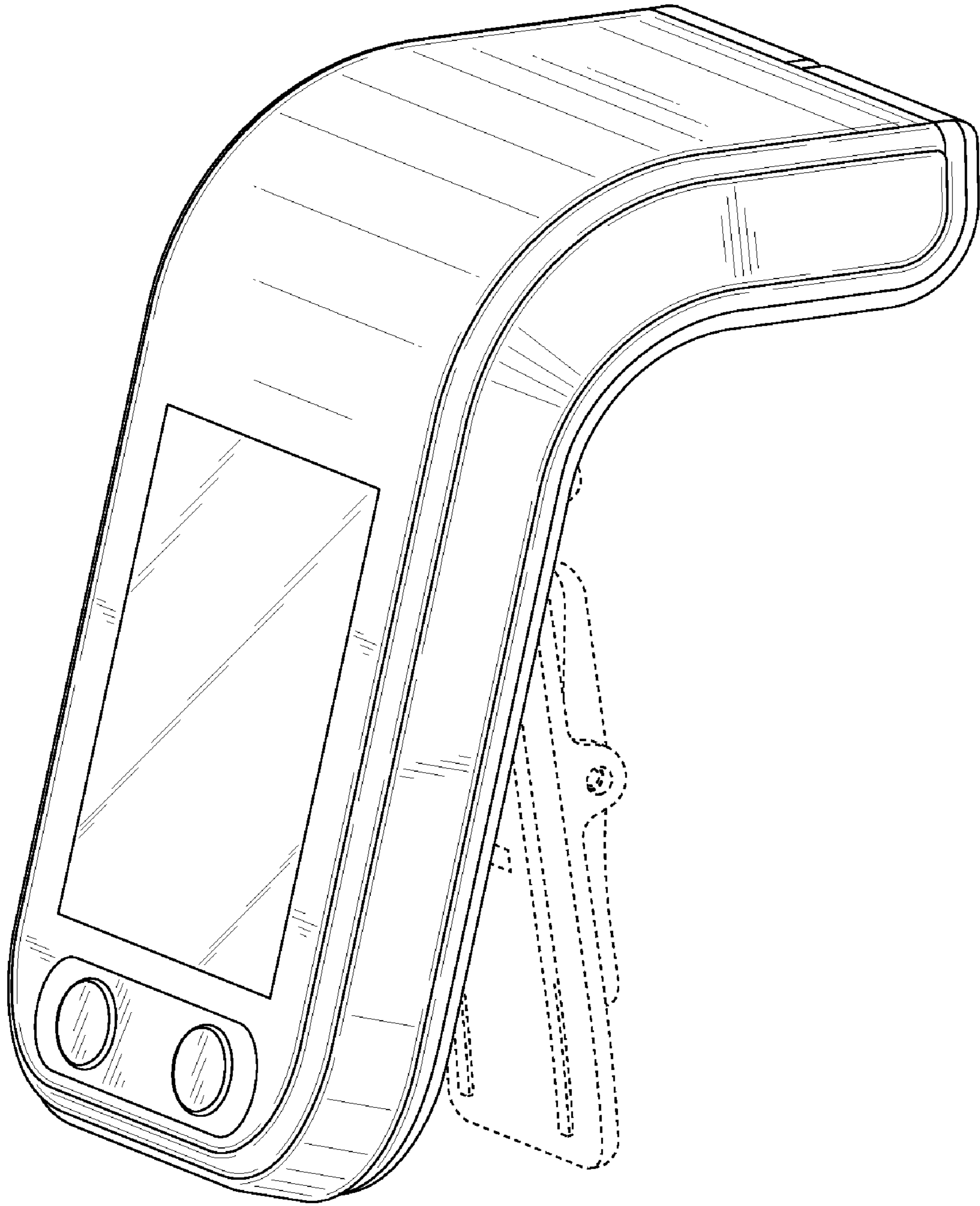


Fig. 8

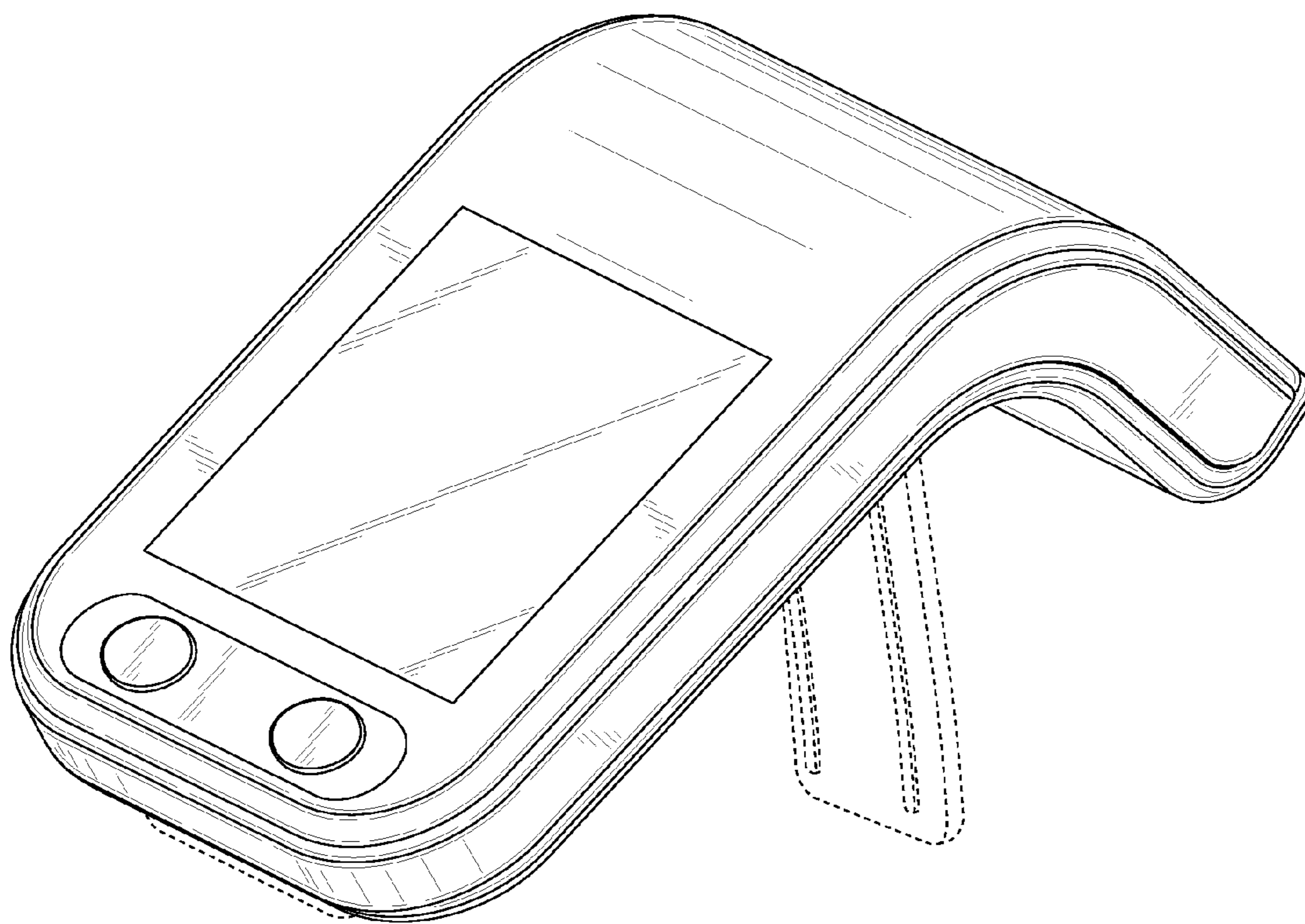


Fig. 9

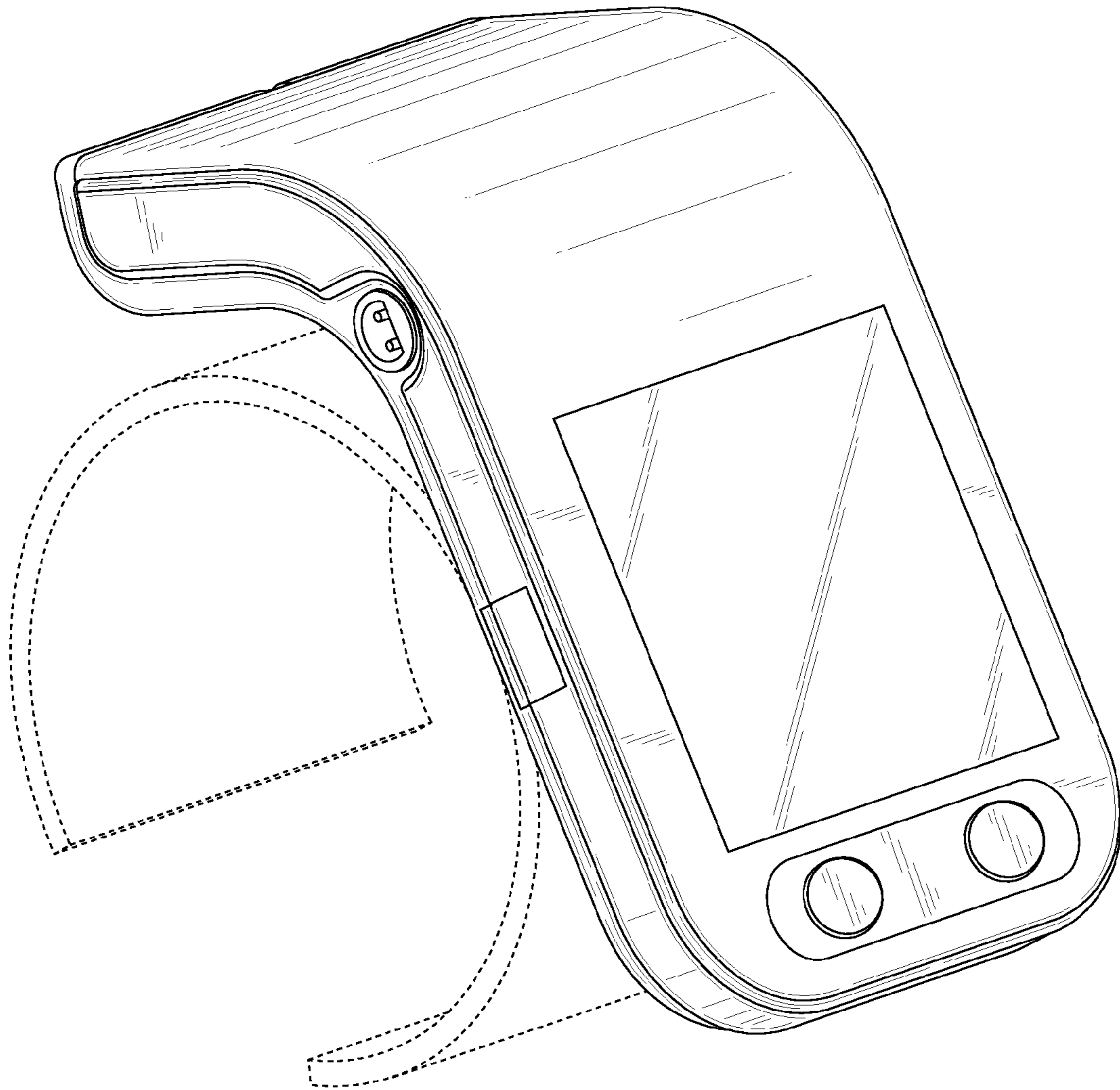


Fig. 10