US00D698779S

(12) United States Design Patent

Kaula et al.

(10) Patent No.: US D698,779 S
(45) Date of Patent: ** Feb. 4, 2014

(54) **CLINICIAN PROGRAMMER FOR IMPLANTABLE NEUROSTIMULATOR**

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

(21) Appl. No.: **29/423,109**

(22) Filed: **May 29, 2012**

(51) **LOC (10) Cl.** **14-02**

(52) **U.S. Cl.**
USPC **D14/341**

(58) **Field of Classification Search**
USPC ..... D14/341–347, 137, 138 AA, 138 R, D14/138 C, 138 G, 496, 203.1, 203.3, 203.7, D14/426, 129, 130, 420, 147, 218, 247–248, D14/389, 388, 315–318; D10/65, 104.1; D18/6–7; D21/324, 329, 330; 455/556.1, 556.2, 566, 575.1, 90.3; 379/433.04, 433.01, 433.06, 916; 345/173, 901, 905; 361/679.26, 361/679.27, 679.3, 679.55, 679.56, 361/680–686; 248/917–924; 348/373, 376; D19/60
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D606,129	S	*	12/2009	Ben-Moshe	D21/517
D647,499	S	*	10/2011	Page et al.	D14/138 AD
D667,398	S	*	9/2012	Koh	D14/341
D671,086	S	*	11/2012	Yu et al.	D14/138 G
D673,951	S	*	1/2013	Chang et al.	D14/341
D675,612	S	*	2/2013	Andre et al.	D14/341
D686,178	S	*	7/2013	Lee	D14/138 G
D686,180	S	*	7/2013	Kim et al.	D14/138 G
D687,800	S	*	8/2013	Lee	D14/138 G
D689,049	S	*	9/2013	Chang et al.	D14/341

OTHER PUBLICATIONS

Advanced Bionics, A Boston Scientific Company, Physician Implant Manual, Part No. 9055521-001 Rev A, Copyright 2006 by Advanced Bionics Corporation.

Medtronic, Inc.; 8440 Programmer—exterior front shot; 8440 Base Module—exterior front shot with telemetry module extended; 8840 Programmer—exterior back shot; 8840 Base Module—exterior back shot with optional magnet on extended telemetry module; 8440 Programmer—exterior bottom and left edges shot; 8440 Programmer—top and right edges shot.

(Continued)

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(74) *Attorney, Agent, or Firm* — Pearne & Gordon LLP

(57) **CLAIM**

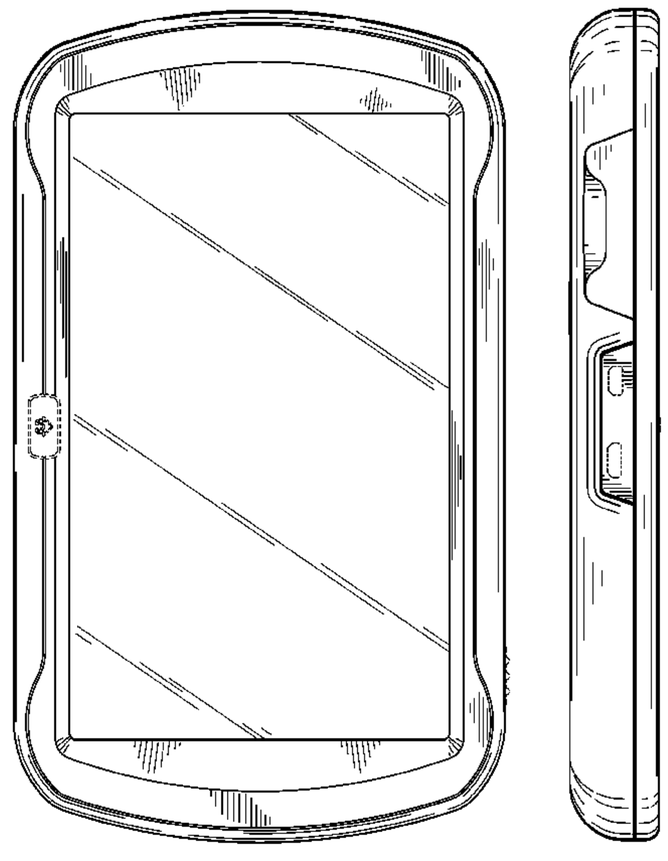
The ornamental design for a clinician programmer for implantable neurostimulator, as shown and described.

DESCRIPTION

FIG. **1** is a front perspective view of a clinician programmer for implantable neurostimulator showing our new design;
FIG. **2** is a rear perspective view thereof;
FIG. **3** is a front view thereof;
FIG. **4** is a rear view thereof;
FIG. **5** is a top view thereof;
FIG. **6** is a bottom view thereof;
FIG. **7** is a left side view thereof;
FIG. **8** is a right side view thereof; and,
FIG. **9** is an alternative rear perspective view of the clinician programmer of FIG. **2** with a removable port cover removed.

The broken lines shown in the drawings represent portions of the clinician programmer for implantable neurostimulator which form no part of the claimed design.

1 Claim, 7 Drawing Sheets



(56) **References Cited**

OTHER PUBLICATIONS

Medtronic N'Vision Clinician Technical Manual for Programmer 8440; Copyright 2004 by Medtronic, Inc.
Advanced Bionics; SC-5212 Precision Remote Control—exterior front shot.
Boston Scientific Precision Spinal Cord Stimulator System Clinician Manual; Referencing SC-5212 Precision Remote Control; 90607862-08 Rev A; Copyright 2012 by Boston Scientific Corporation or its affiliagtes.
Advanced Bionics; Rapid Programmer Operator's Manual; pp. 8 -13 inclusive.

* cited by examiner

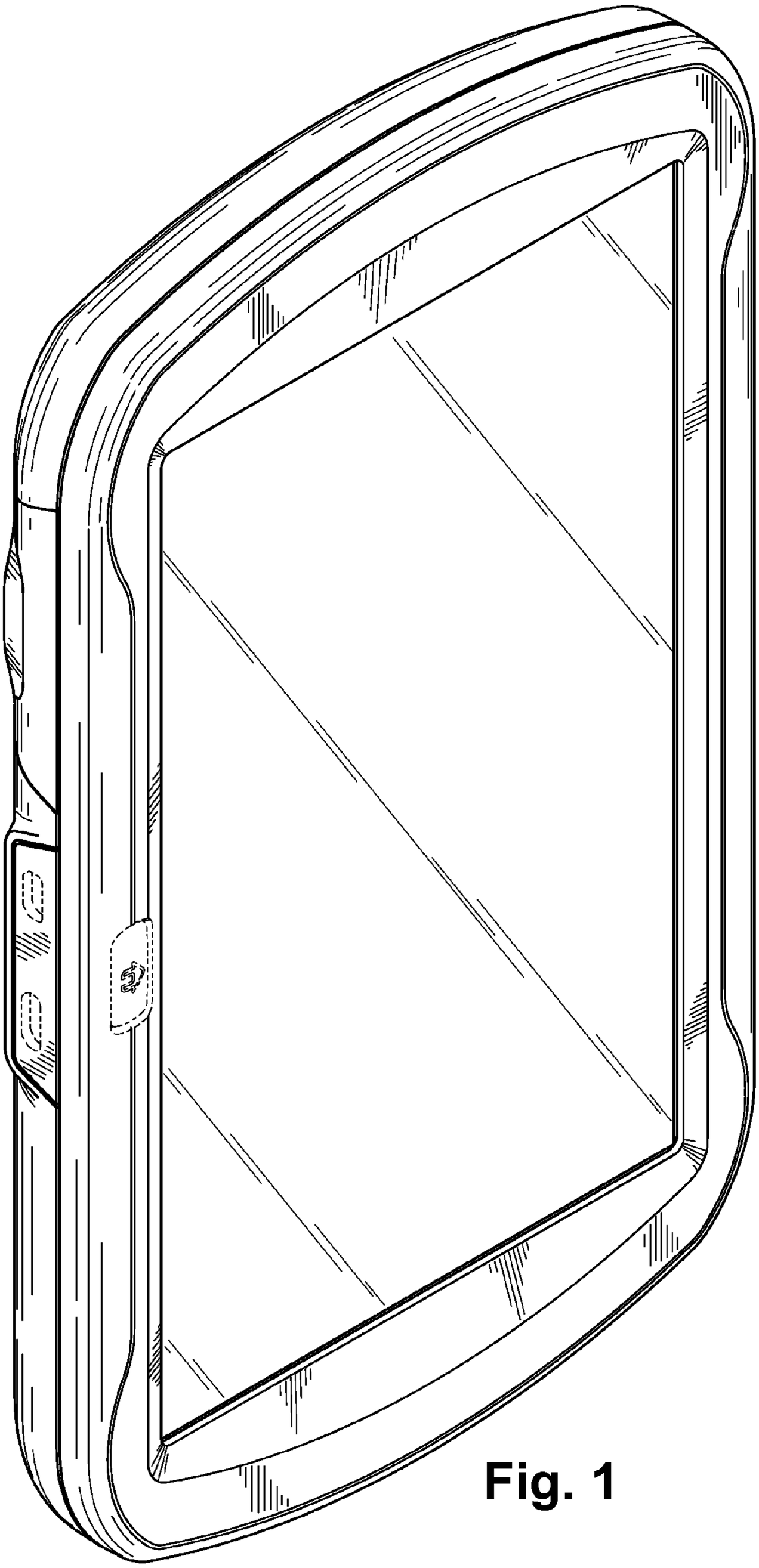


Fig. 1

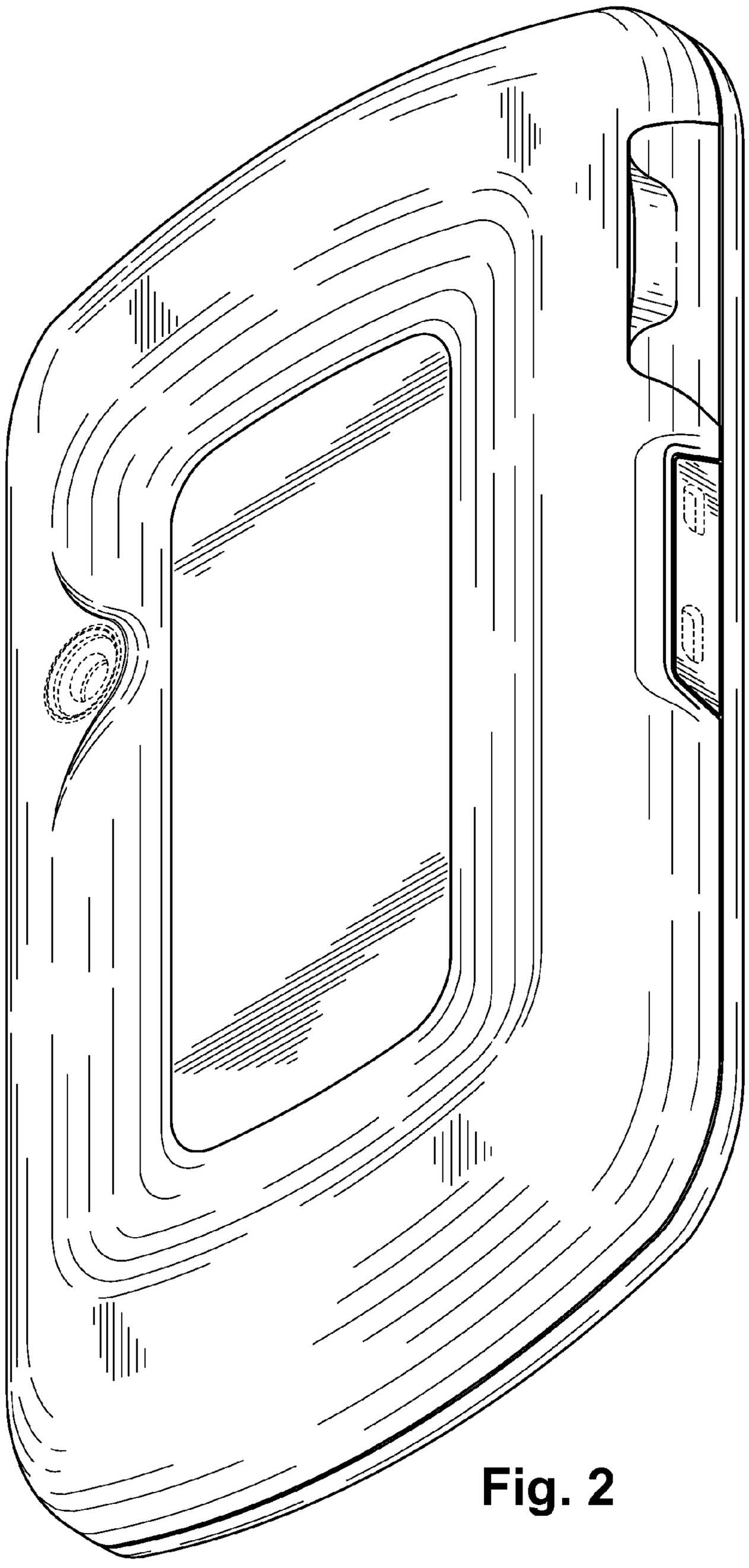


Fig. 2

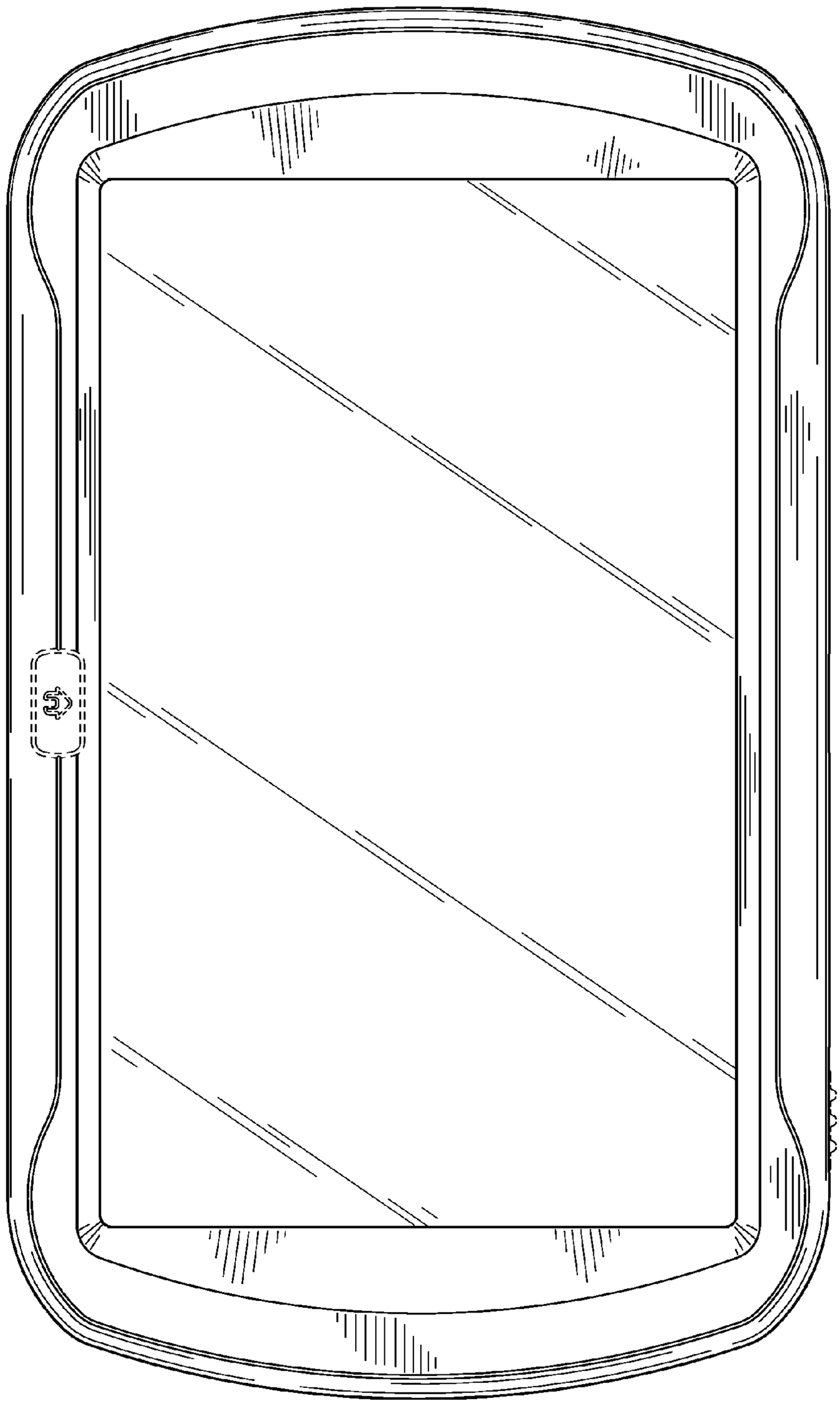


Fig. 3

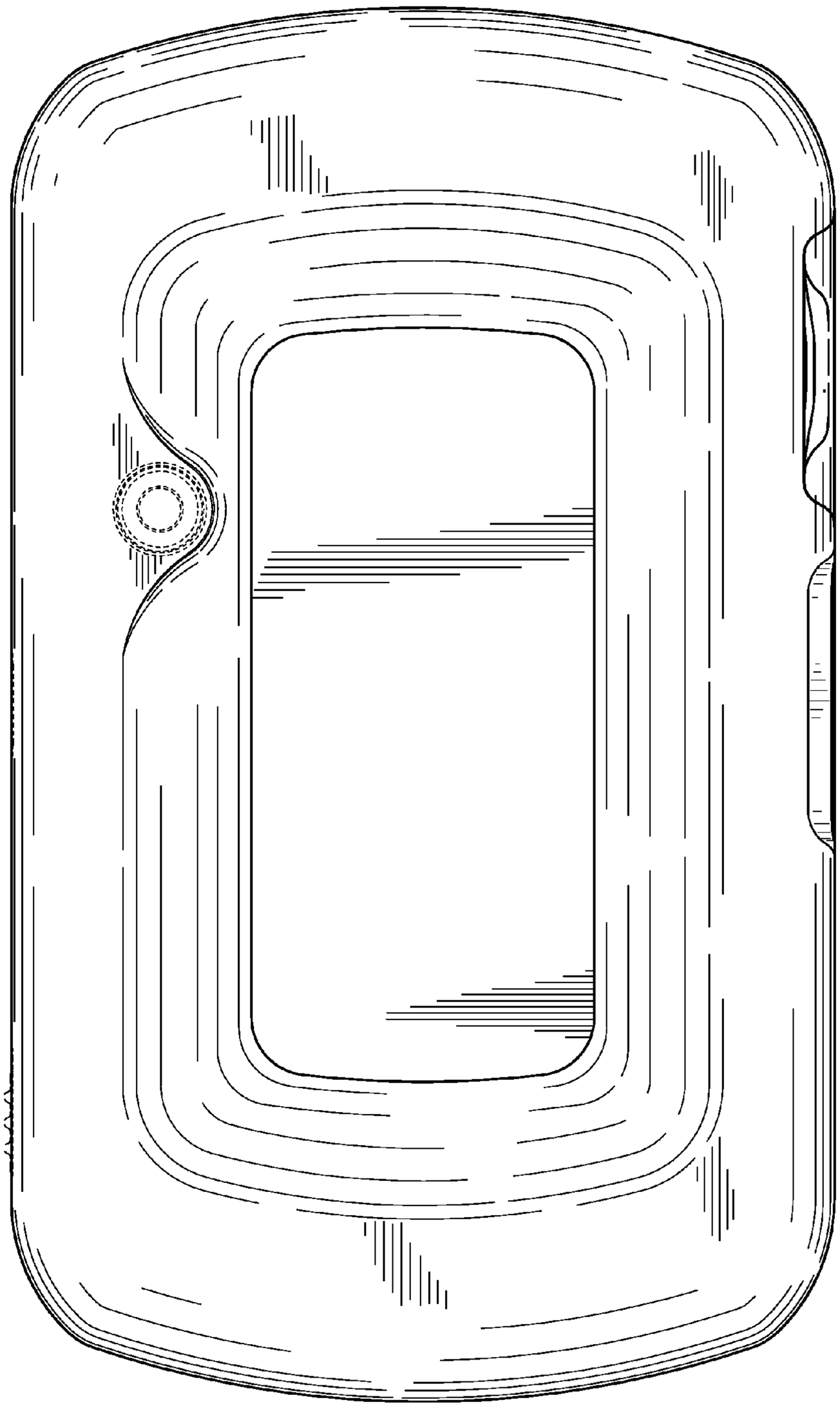


Fig. 4

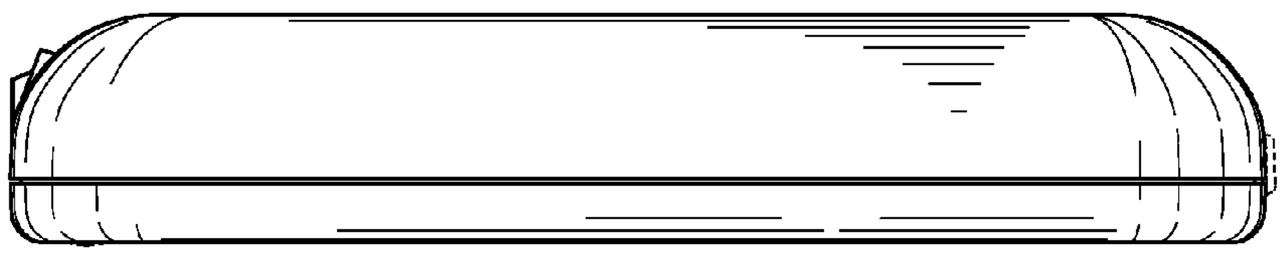


Fig. 5

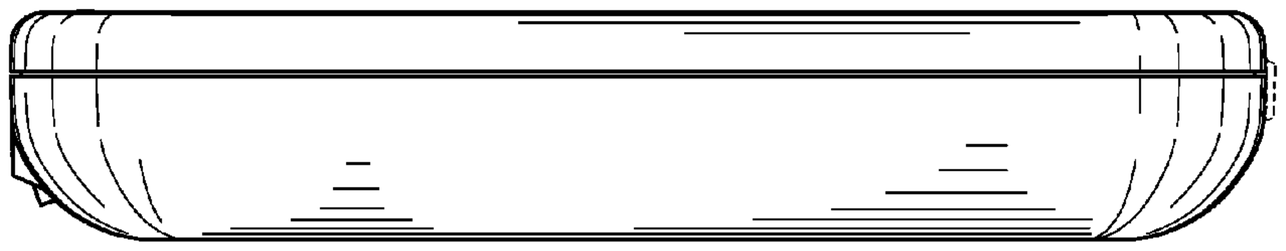


Fig. 6

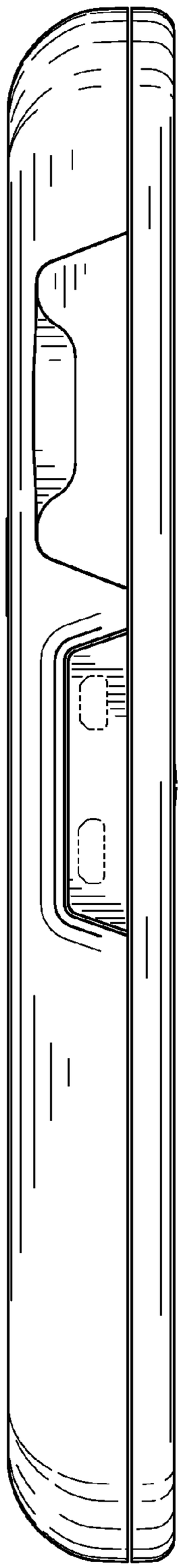


Fig. 7

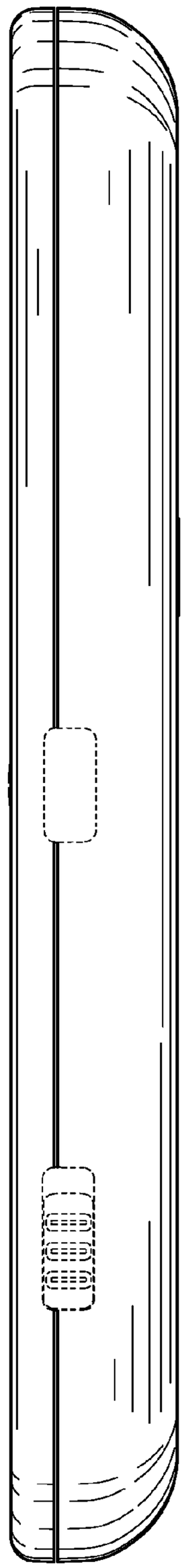


Fig. 8

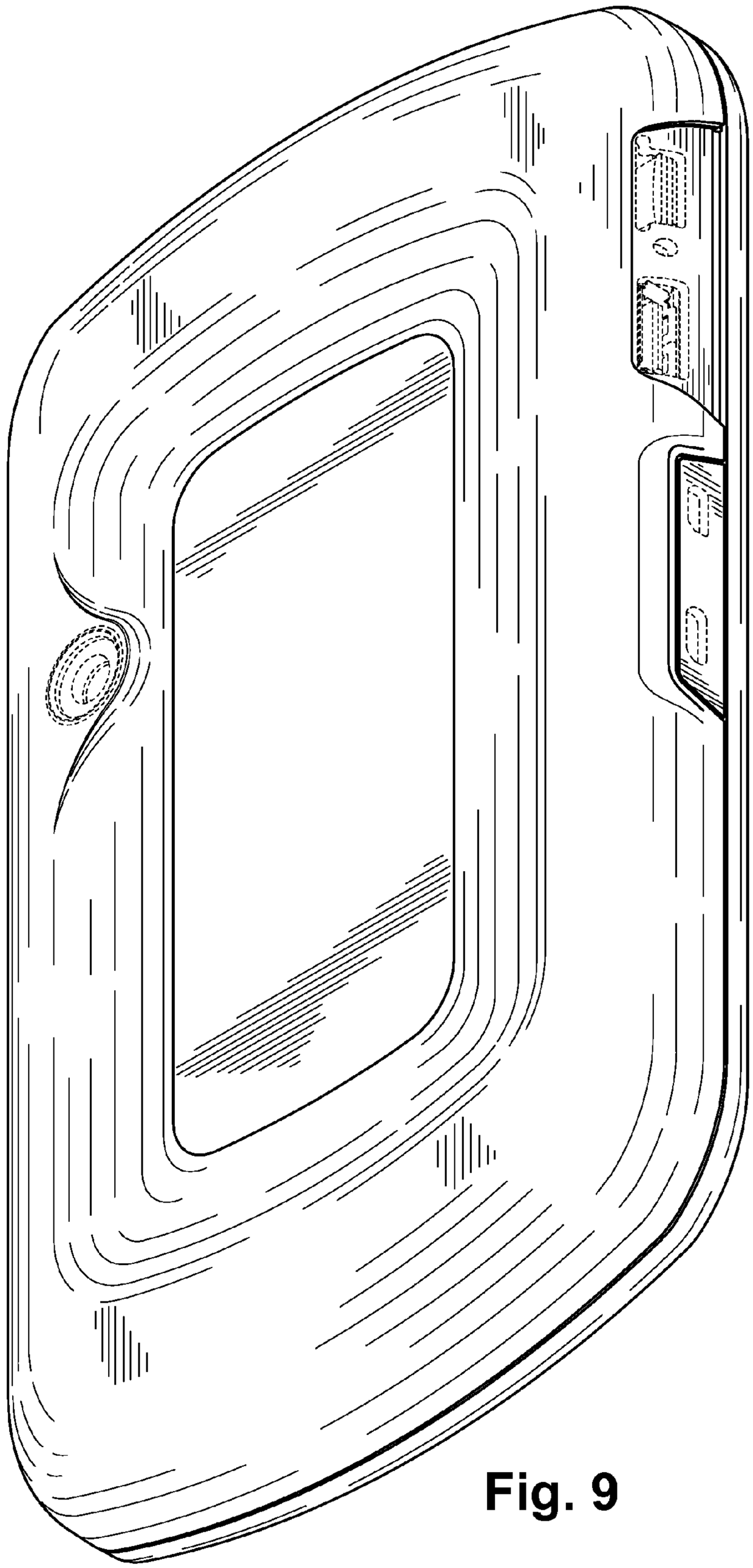


Fig. 9