



US00D456412S

(12) **United States Design Patent** (10) **Patent No.:** **US D456,412 S**
Khovaylo et al. (45) **Date of Patent:** **** Apr. 30, 2002**

(54) **OPTICAL SCANNER**

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(73) Assignee: **Hewlett-Packard Company**, Palo Alto, CA (US)

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

(21) Appl. No.: **29/140,350**

(22) Filed: **Apr. 17, 2001**

(51) **LOC (7) Cl.** **14-02**

(52) **U.S. Cl.** **D14/420; D14/426**

(58) **Field of Search** D14/420-429, D14/453; D18/36, 37, 39, 54; 250/556; 235/454, 470, 380, 382, 476, 482; 355/64, 65, 75, 81

(56) **References Cited**

U.S. PATENT DOCUMENTS

D336,078 S	6/1993	Khovaylo	.....	D14/107
D337,606 S	7/1993	Khovaylo	.....	D18/49
D342,490 S	* 12/1993	Tzu-Chin	.....	D14/426
D377,346 S	* 1/1997	Karlin	.....	D14/426
5,646,402 A	7/1997	Khovaylo et al.	.....	250/234
D412,496 S	8/1999	Khovaylo et al.		
D419,140 S	1/2000	Khovaylo et al.	.....	D14/107
D420,344 S	2/2000	Dow et al.	.....	D14/116
D445,424 S	* 7/2001	Dow et al.	.....	D14/426

OTHER PUBLICATIONS

U.S. application No. 09/154,001 filed Sep. 25, 1998 for Optical Scanner with Inclined Platen of Modest Khovaylo.
U.S. Design application No. 29/092,525 filed Aug. 20, 1998 for Optical Scanner of Modest Khovaylo, Davin Stowell and Scott Henderson.

U.S. Divisional Design application No. 29/115,793 filed Dec. 17, 1999 for Optical Scanner of Modest Khovaylo, Davin Scott Henderson.

U.S. Design application No. 29/121,951 filed Apr. 17, 2000 for Scanner of Modest Khovaylo, Max Burton, David Farrage, Steven Vordenberg, Kevin Lozeau, and Davin Stowell.
U.S. Design application No. 29/121,952 filed Apr. 17, 2000 for Scanner of Modest Khovaylo, Steven Vordenberg, Arsenio Garcia-Monsalve, Davin Stowell, Kevin Lozeau and Scott Henderson.

* cited by examiner

Primary Examiner—Kay H. Chin

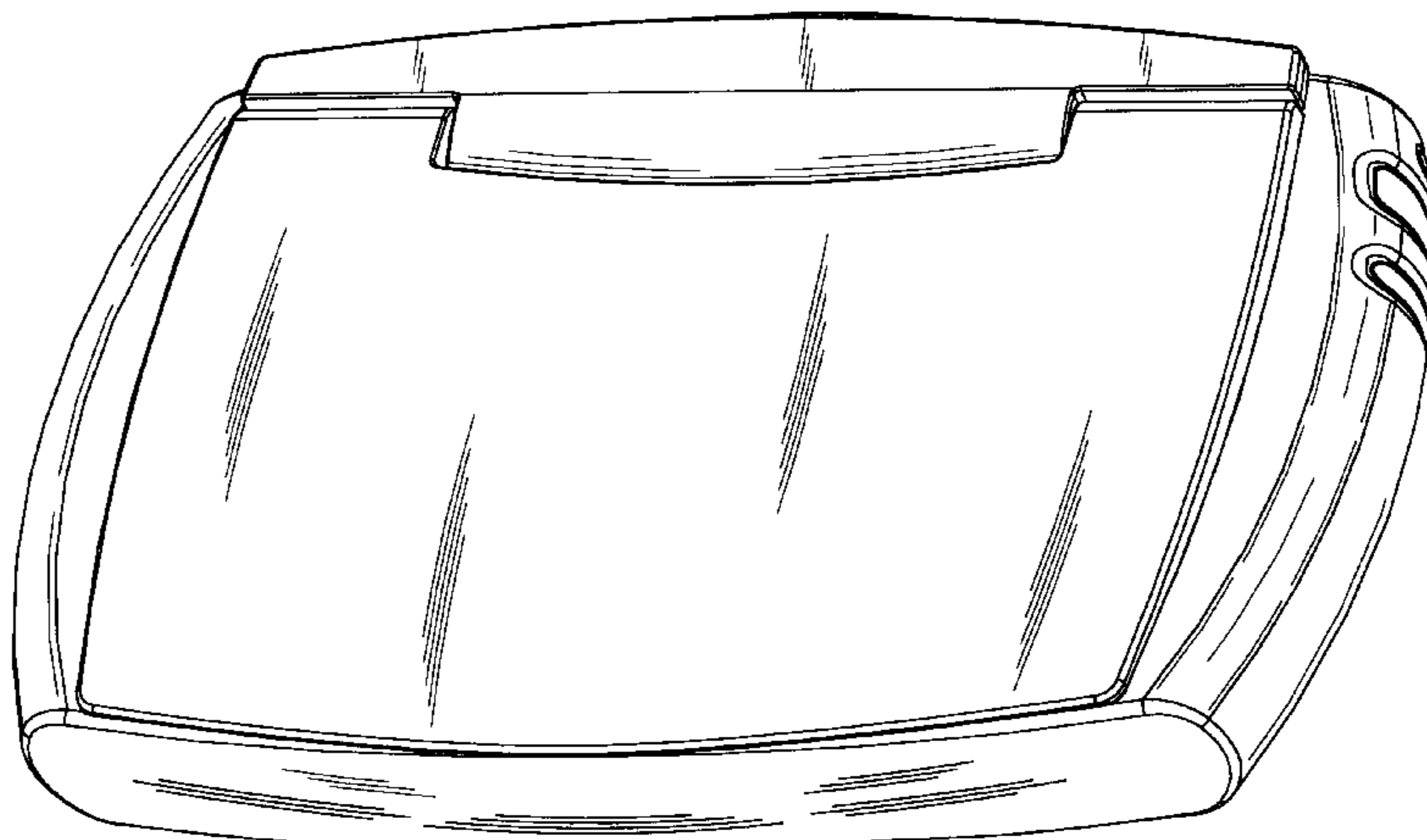
(57) **CLAIM**

The ornamental design for an optical scanner, as shown and described.

DESCRIPTION

FIG. 1 is an isometric view of a scanner;
FIG. 2 is a top plan view thereof;
FIG. 3 is a bottom plan view thereof;
FIG. 4 is a front elevation view thereof;
FIG. 5 is a rear elevation view thereof;
FIG. 6 is a left side elevation view thereof;
FIG. 7 is a right side elevation view thereof;
FIG. 8 is An isometric view of a second embodiment of a scanner;
FIG. 9 is a top plan view of the second embodiment;
FIG. 10 is a bottom plan view of the second embodiment;
FIG. 11 is a front elevation view of the second embodiment;
FIG. 12 is a rear elevation view of the second embodiment;
FIG. 13 is a left side elevation view of the second embodiment;
FIG. 14 is a right side elevation view of the second embodiment;
FIG. 15 is an isometric view of a third embodiment of a scanner directed to a scanner right side portion;
FIG. 16 is a top plan view of the third embodiment;
FIG. 17 is a bottom plan view of the third embodiment;
FIG. 18 is a front elevation view of the third embodiment;
FIG. 19 is a rear elevation view of the third embodiment;
FIG. 20 is a left side elevation view of the third embodiment;
and,
FIG. 21 is a right side elevation view of the third embodiment.

1 Claim, 9 Drawing Sheets



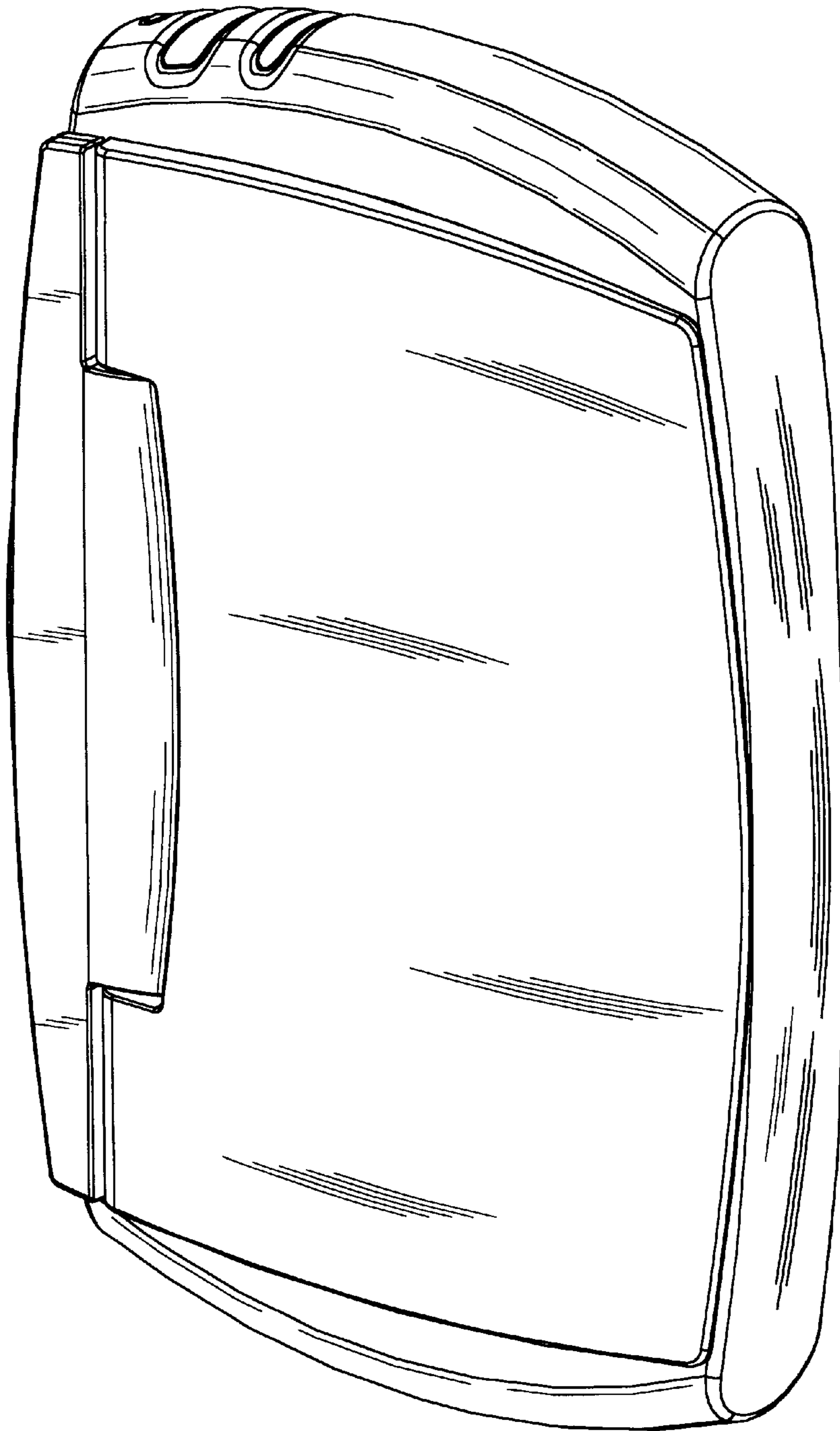


FIG. 1

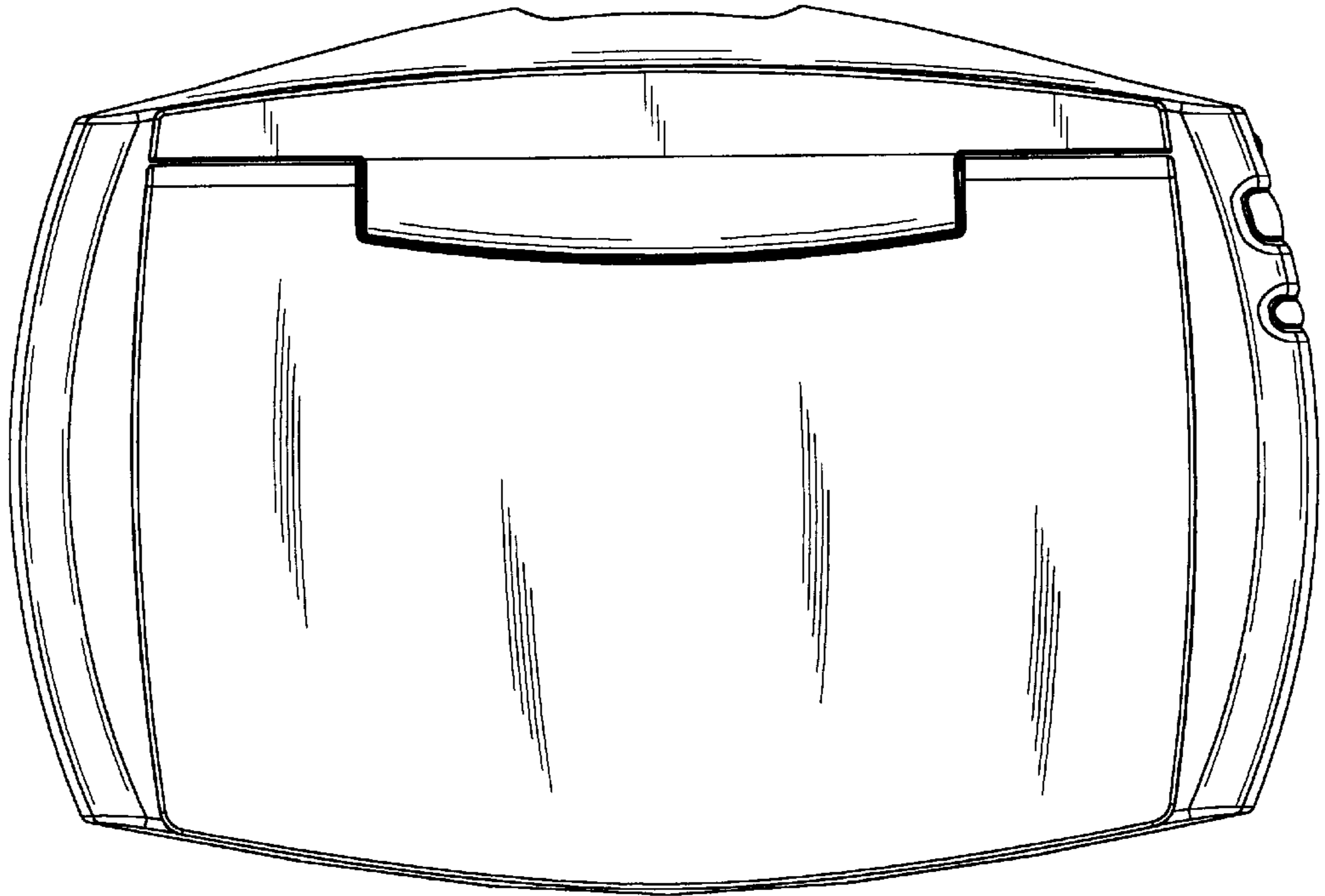


FIG. 2

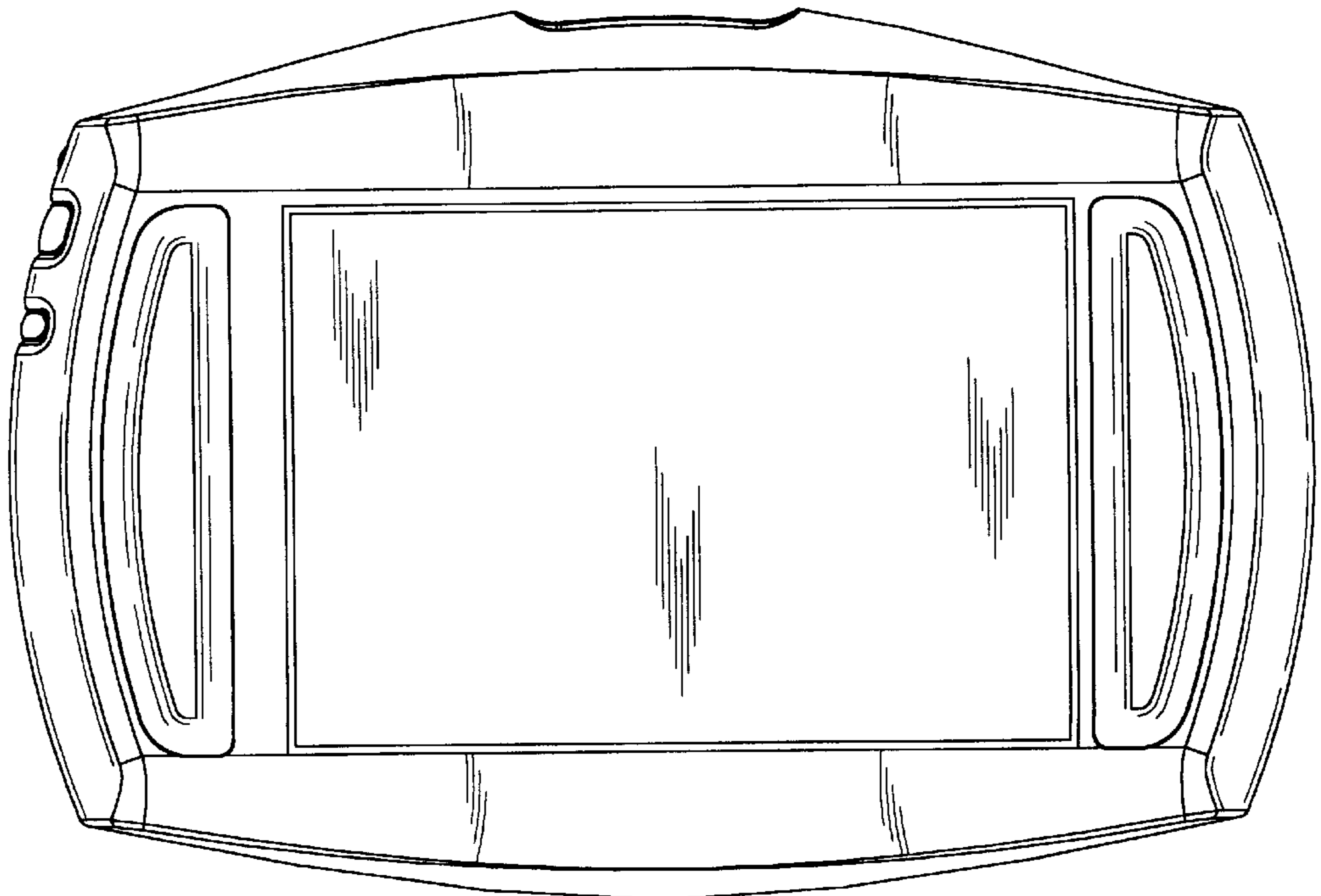


FIG. 3

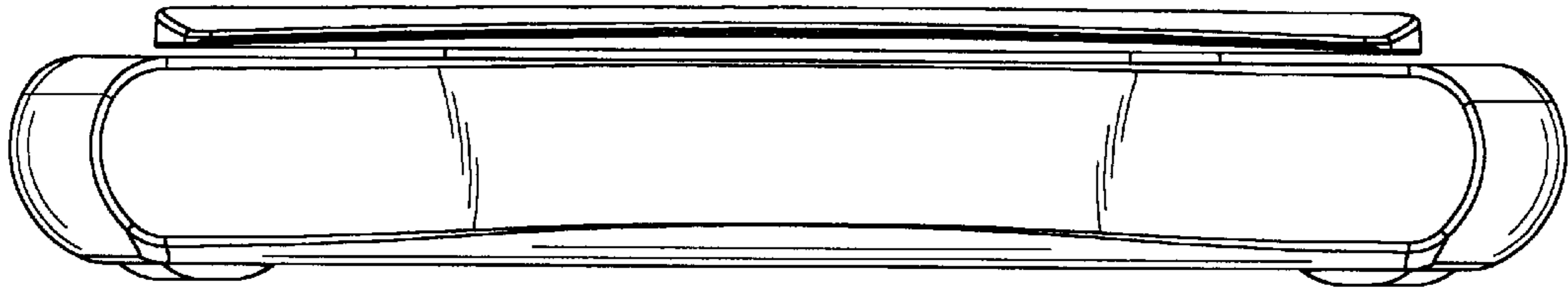


FIG. 4

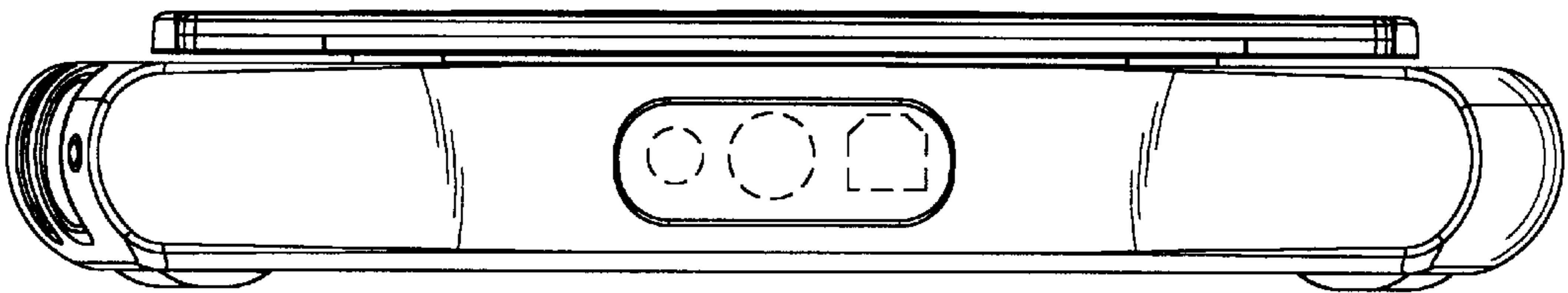


FIG. 5

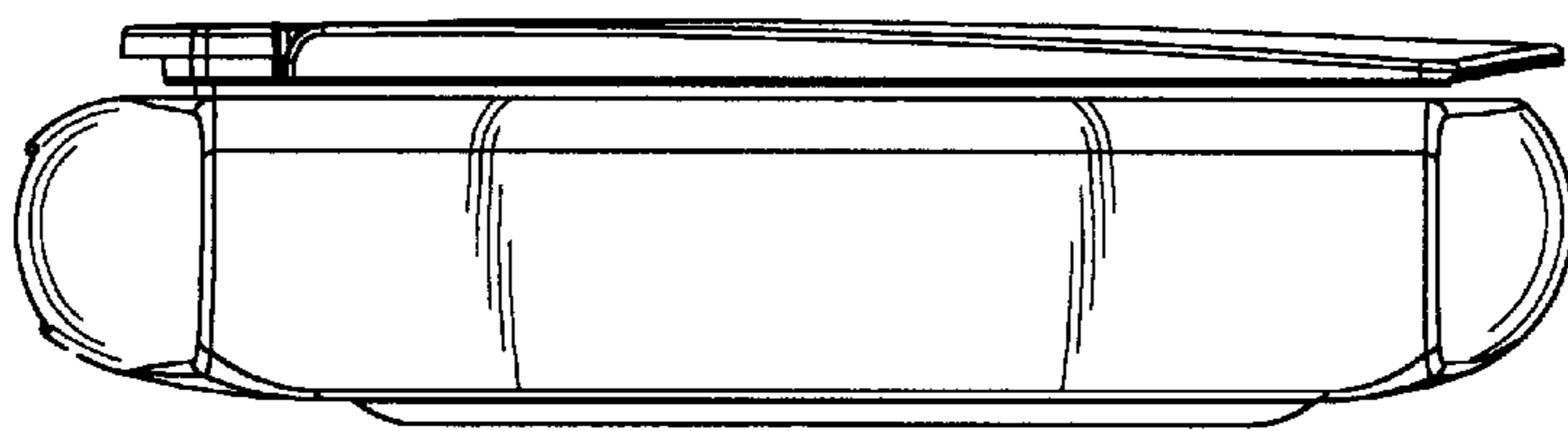


FIG. 6

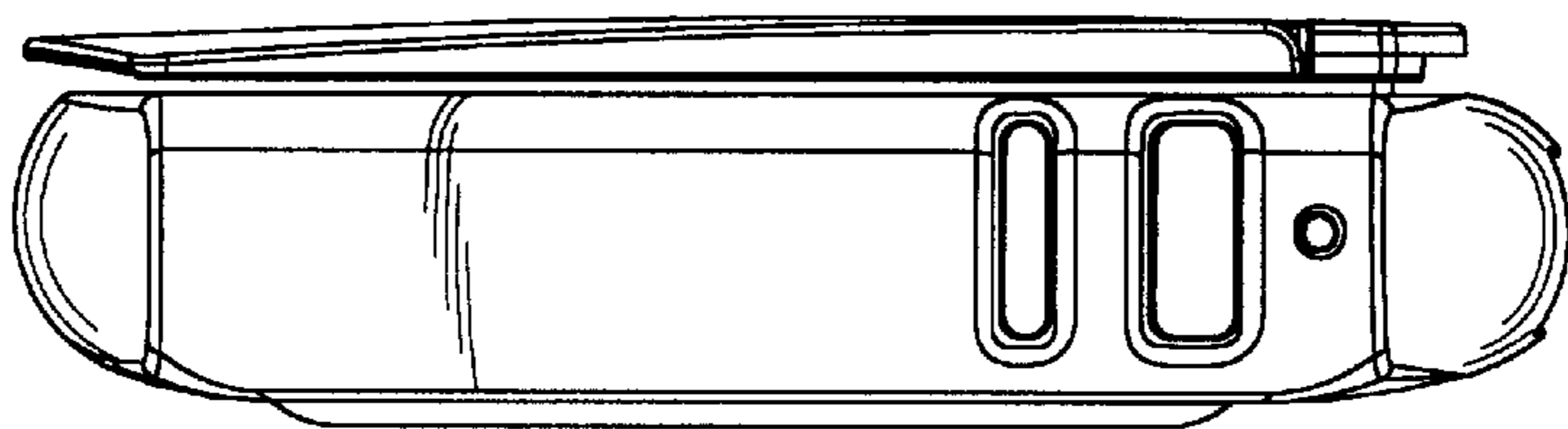


FIG. 7

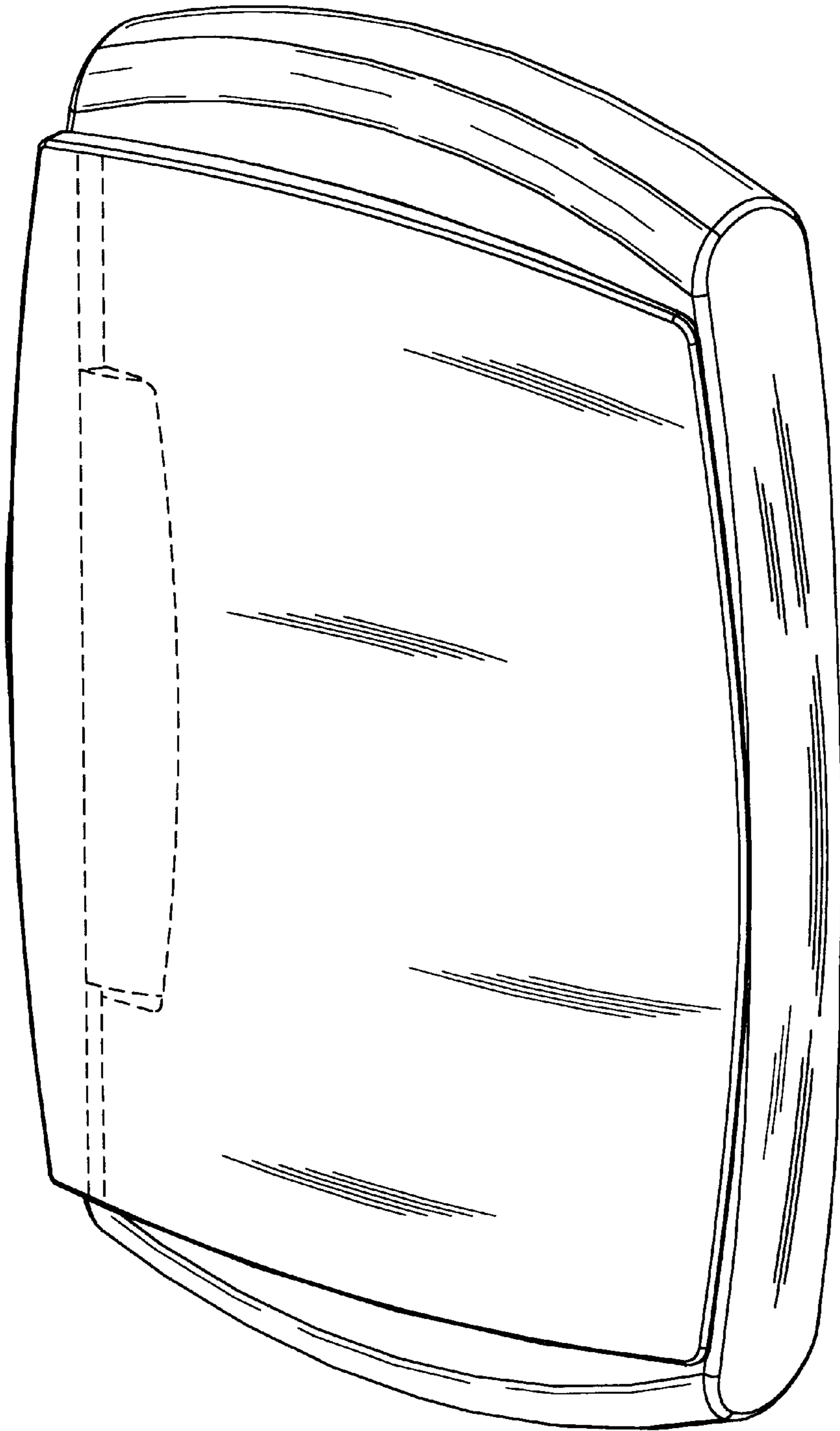


FIG. 8

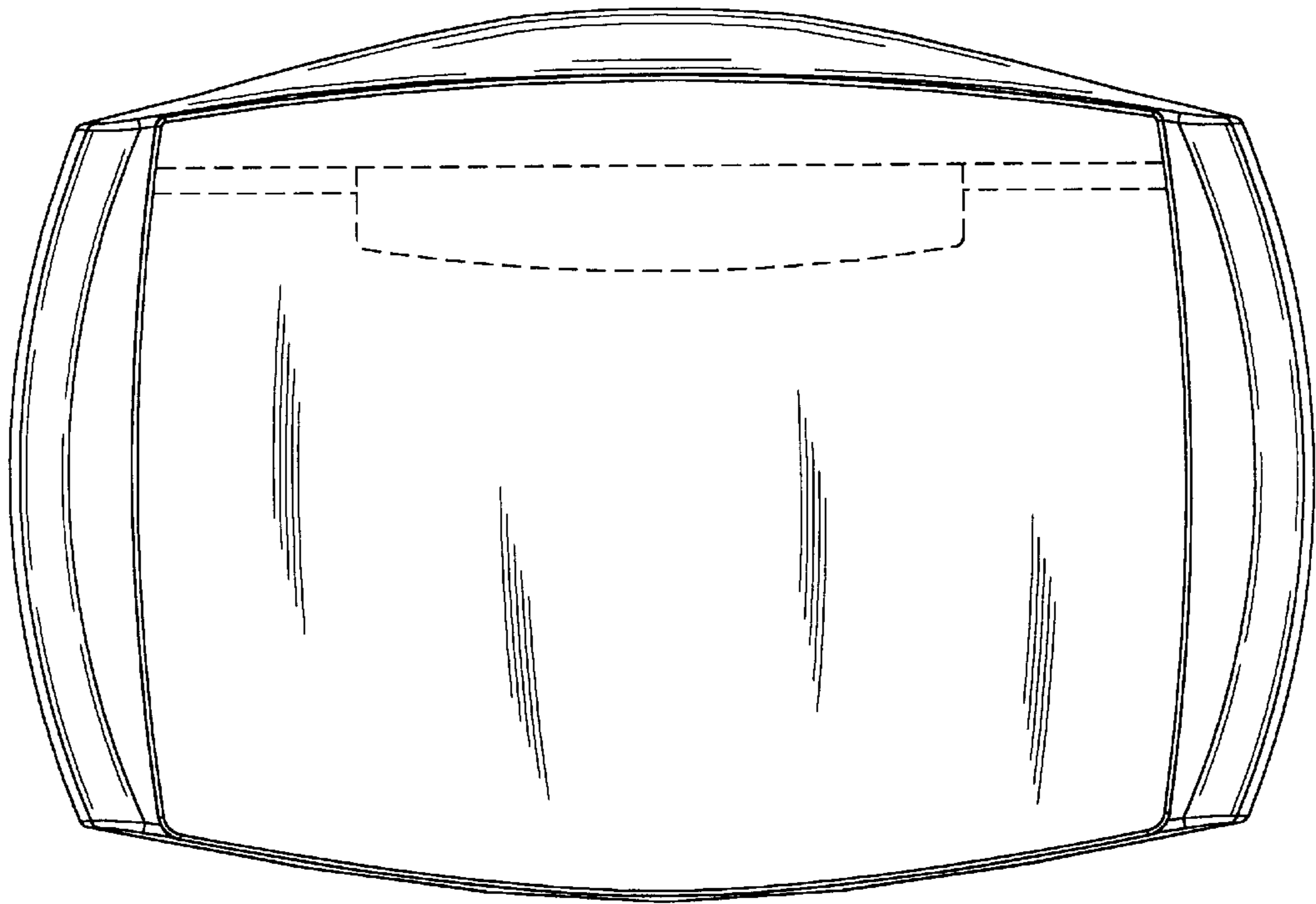


FIG. 9

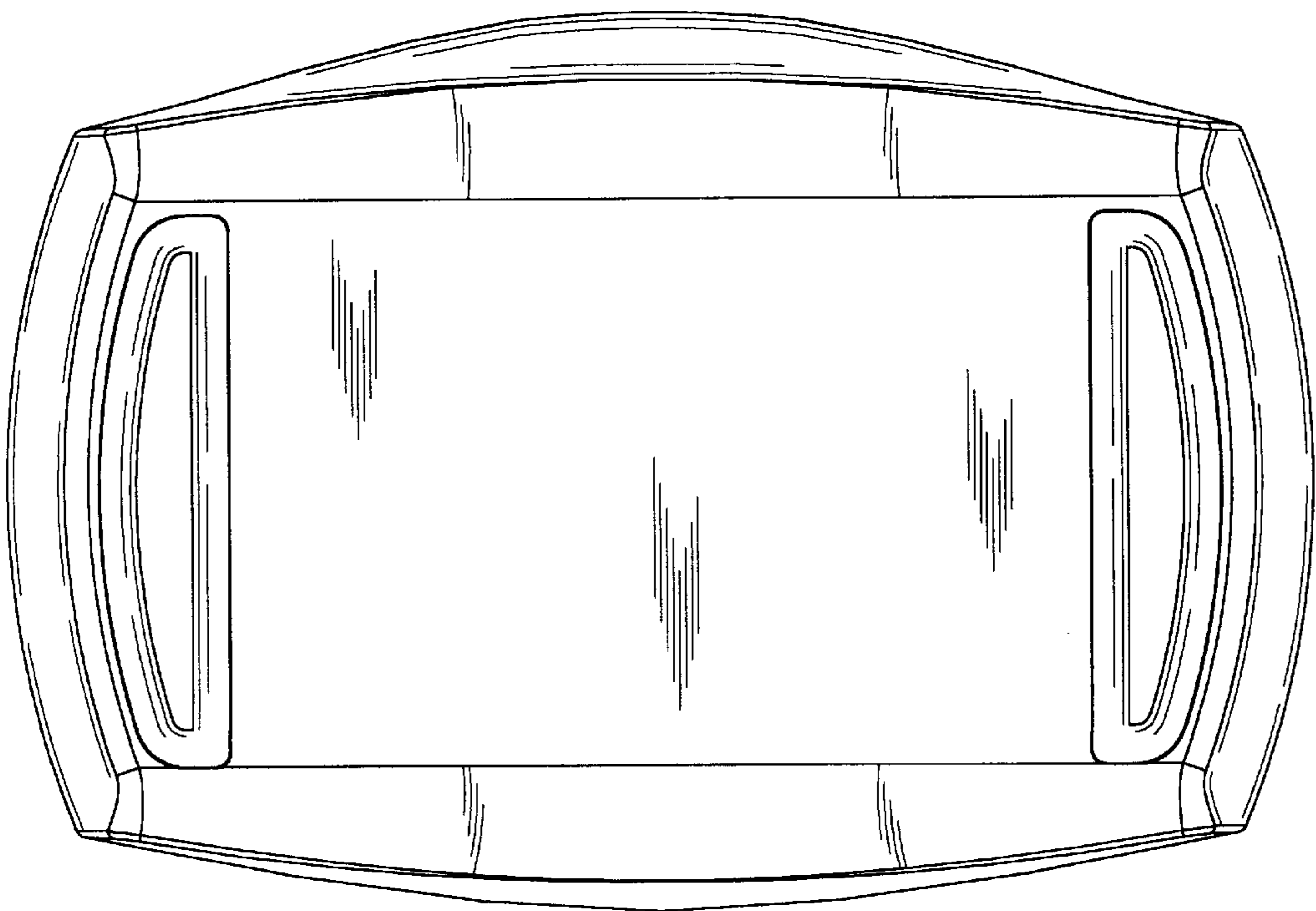


FIG. 10

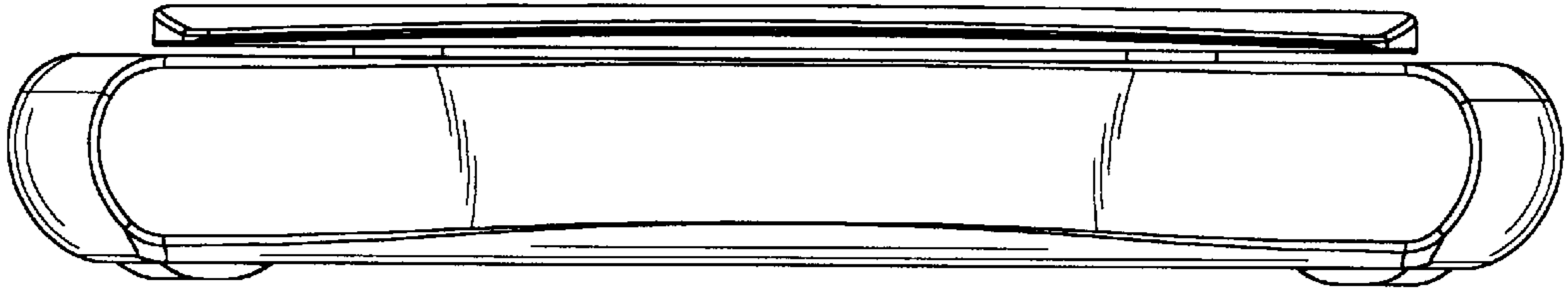


FIG. 11

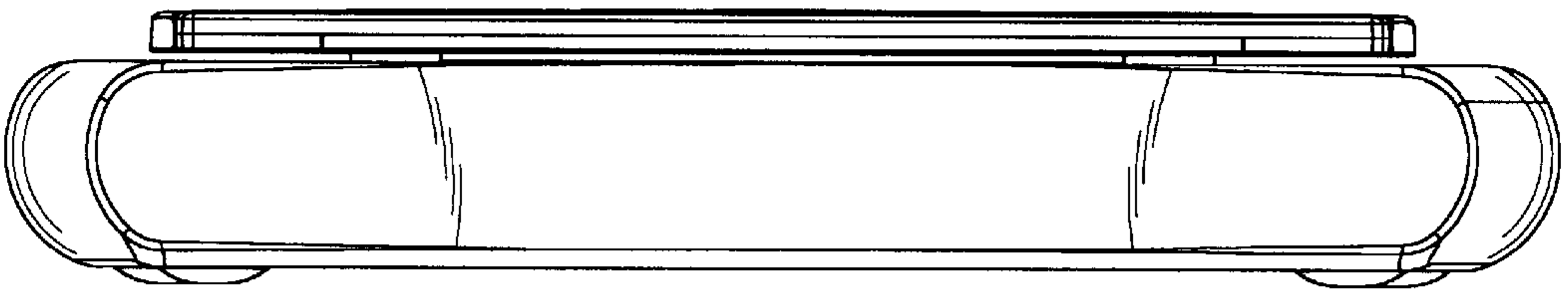


FIG. 12

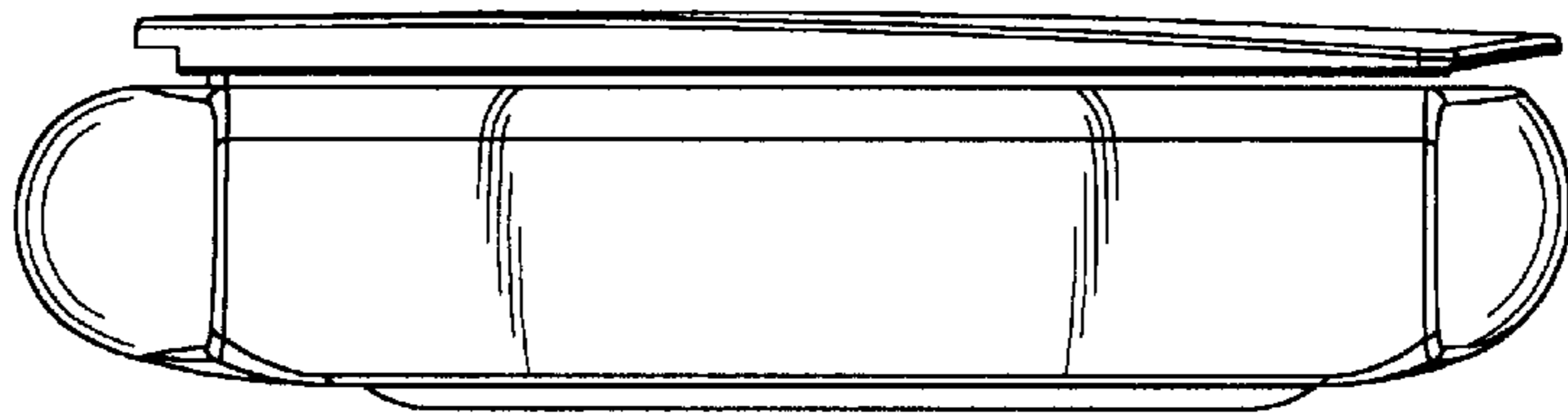


FIG. 13

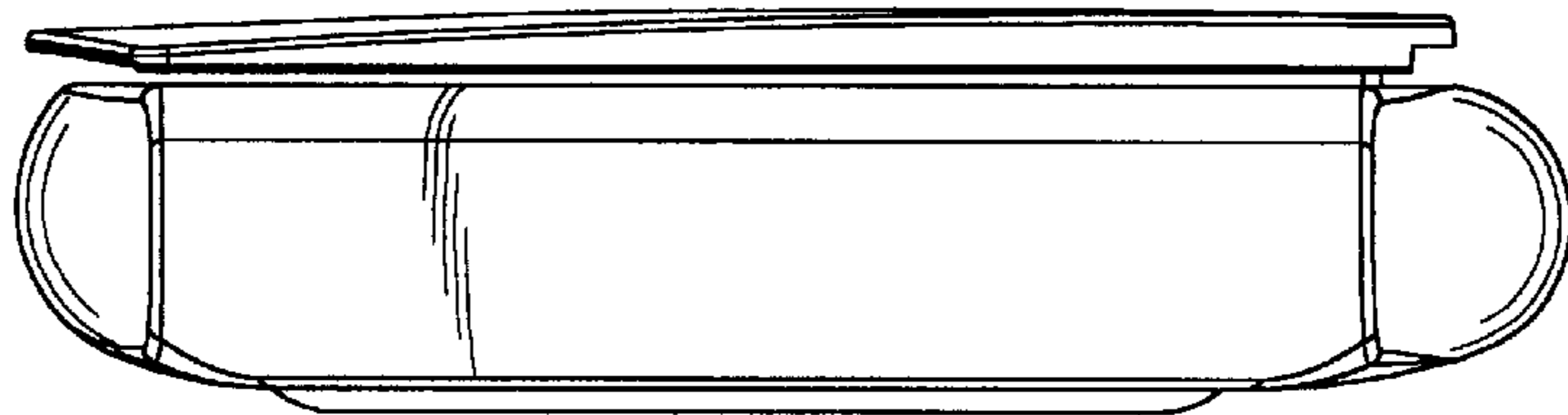


FIG. 14

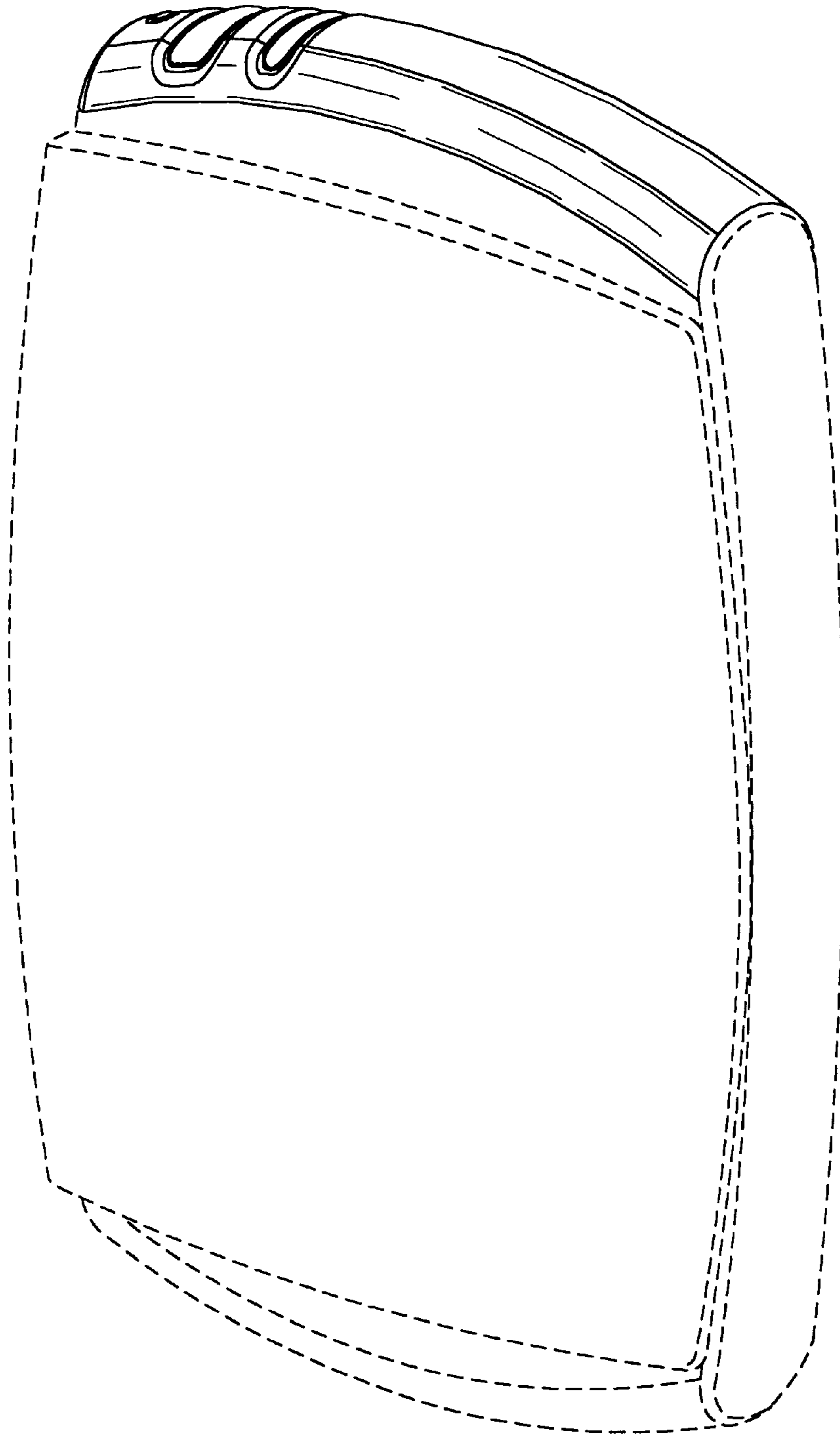


FIG. 15

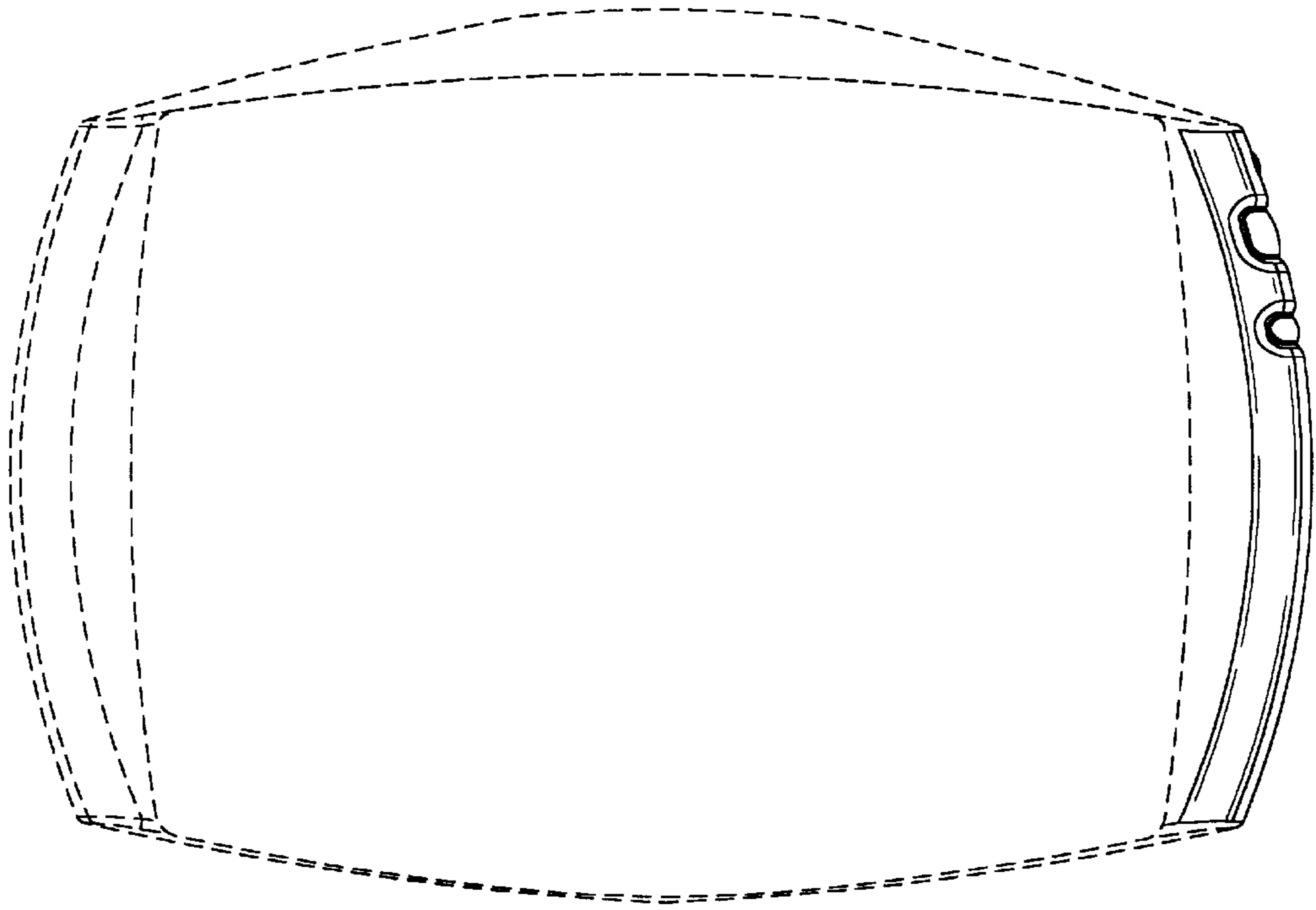


FIG. 16

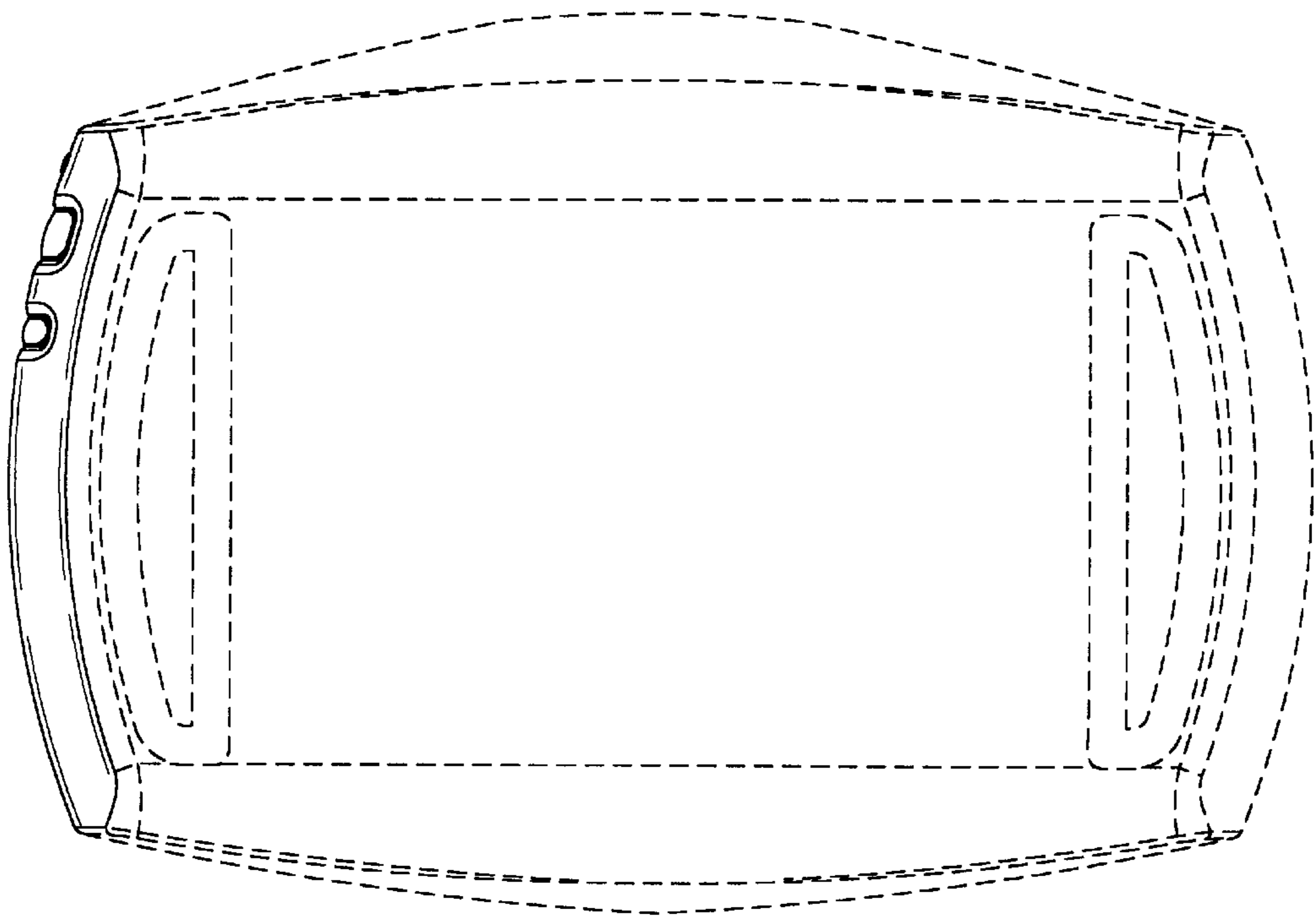


FIG. 17

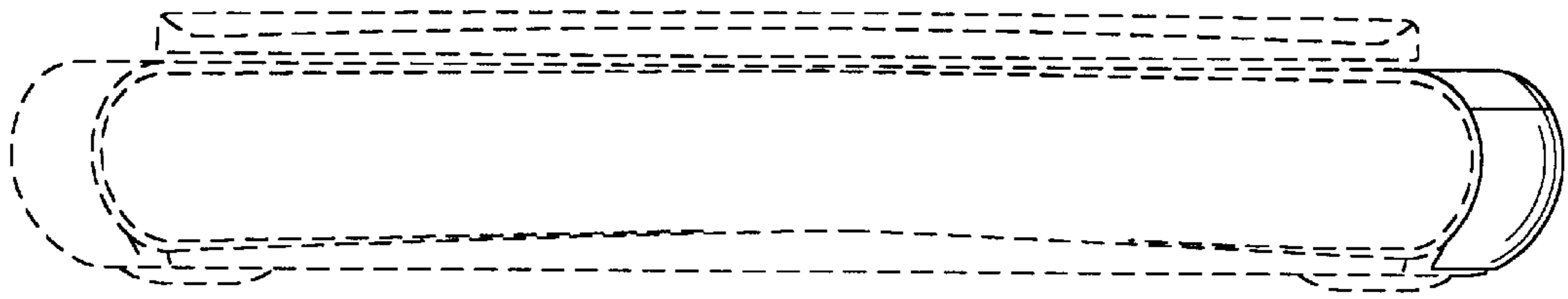


FIG. 18

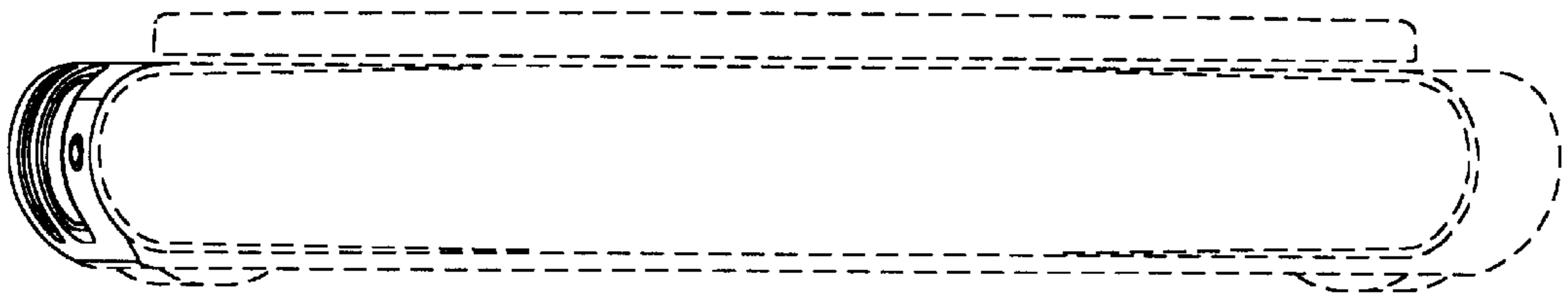


FIG. 19

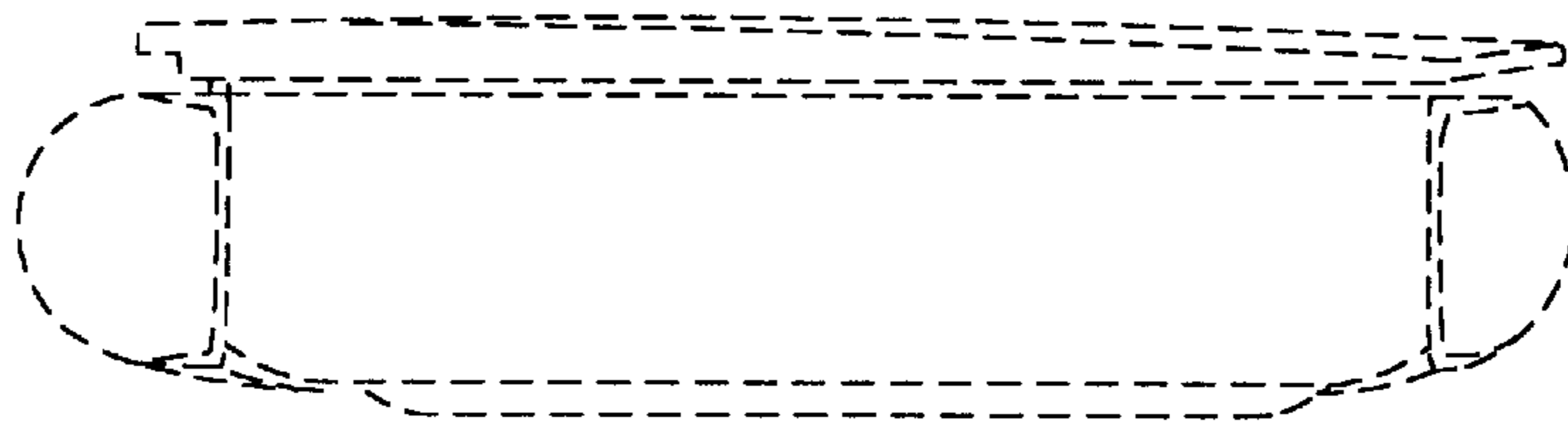


FIG. 20

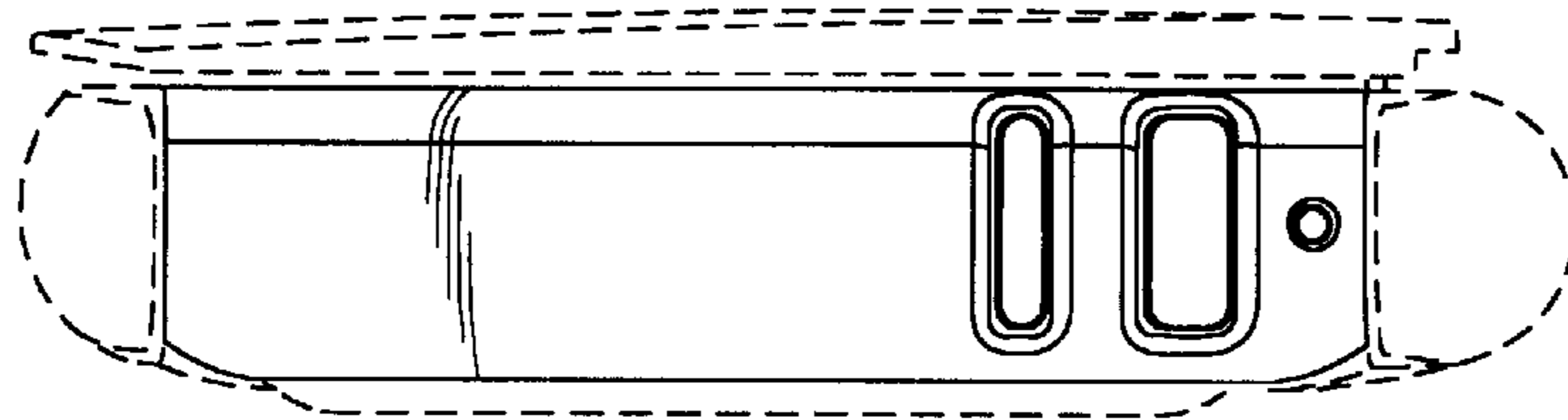


FIG. 21