



US00D490079S

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

(10) **Patent No.:** **US D490,079 S**

(45) **Date of Patent:** **\*\* May 18, 2004**

(54) **OPTICAL SCANNER FRONT END PORTION**

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(73) Assignee: **Hewlett-Packard Development Company, L.P.**, Houston, TX (US)

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

(21) Appl. No.: **29/186,792**

(22) Filed: **Jul. 21, 2003**

**Related U.S. Application Data**

(62) Division of application No. 29/173,270, filed on Dec. 23, 2002, now Pat. No. Des. 480,085, which is a division of application No. 29/151,300, filed on Dec. 7, 2001, now abandoned.

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

(52) **U.S. Cl.** ..... **D14/425**

(58) **Field of Search** ..... D14/424, 425, D14/453, 464; D18/36, 37, 39; 250/556; 235/470, 476, 483, 441; 355/64, 65, 75

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

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\* cited by examiner

*Primary Examiner*—Freda S. Nunn

(57) **CLAIM**

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

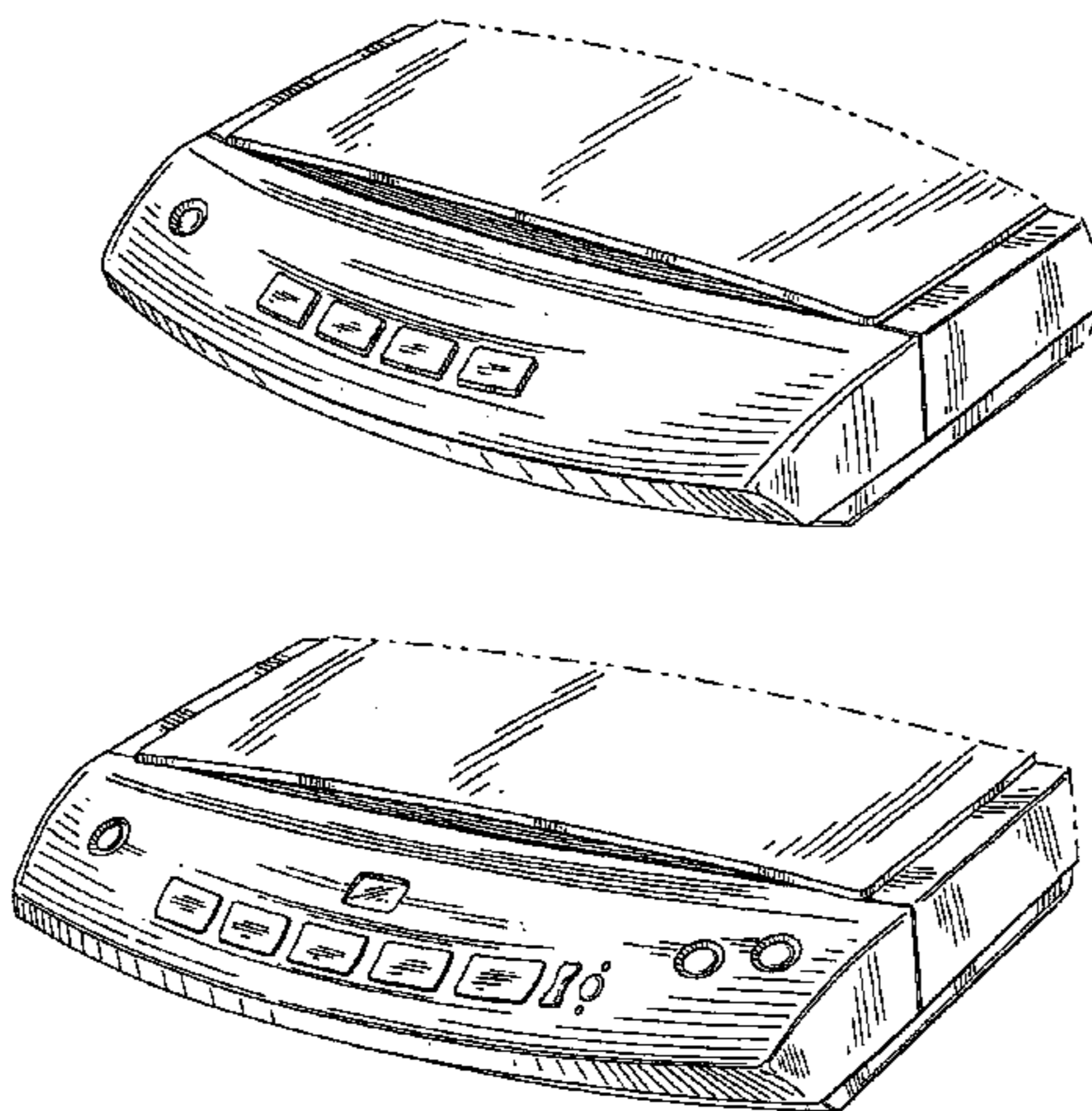
**DESCRIPTION**

FIG. 1 is a top plan view of an optical scanner front end portion;

FIG. 2 is a bottom plan view thereof;  
 FIG. 3 is a right side elevation view thereof;  
 FIG. 4 is a left side elevation view thereof;  
 FIG. 5 is a front elevation view thereof;  
 FIG. 6 is a rear elevation view thereof;  
 FIG. 7 is a top right perspective view thereof;  
 FIG. 8 is a bottom right perspective view thereof;  
 FIG. 9 is a top plan view of a second embodiment of an optical scanner front end portion;  
 FIG. 10 is a bottom plan view of the second embodiment;  
 FIG. 11 is a right side elevation view of the second embodiment;  
 FIG. 12 is a left side elevation view of the second embodiment;  
 FIG. 13 is a front elevation view of the second embodiment;  
 FIG. 14 is a rear elevation view of the second embodiment;  
 FIG. 15 is a top right perspective view of the second embodiment;  
 FIG. 16 is a bottom right perspective view of the second embodiment;  
 FIG. 17 is a top plan view of a third embodiment of an optical scanner front end portion;  
 FIG. 18 is a bottom plan view of the third embodiment;  
 FIG. 19 is a right side elevation view of the third embodiment;  
 FIG. 20 is a left side elevation view of the third embodiment;  
 FIG. 21 is a front elevation view of the third embodiment;  
 FIG. 22 is a rear elevation view of the third embodiment;  
 FIG. 23 is a top right perspective view of the third embodiment; and,  
 FIG. 24 is a bottom right perspective view of the third embodiment.

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

**1 Claim, 9 Drawing Sheets**



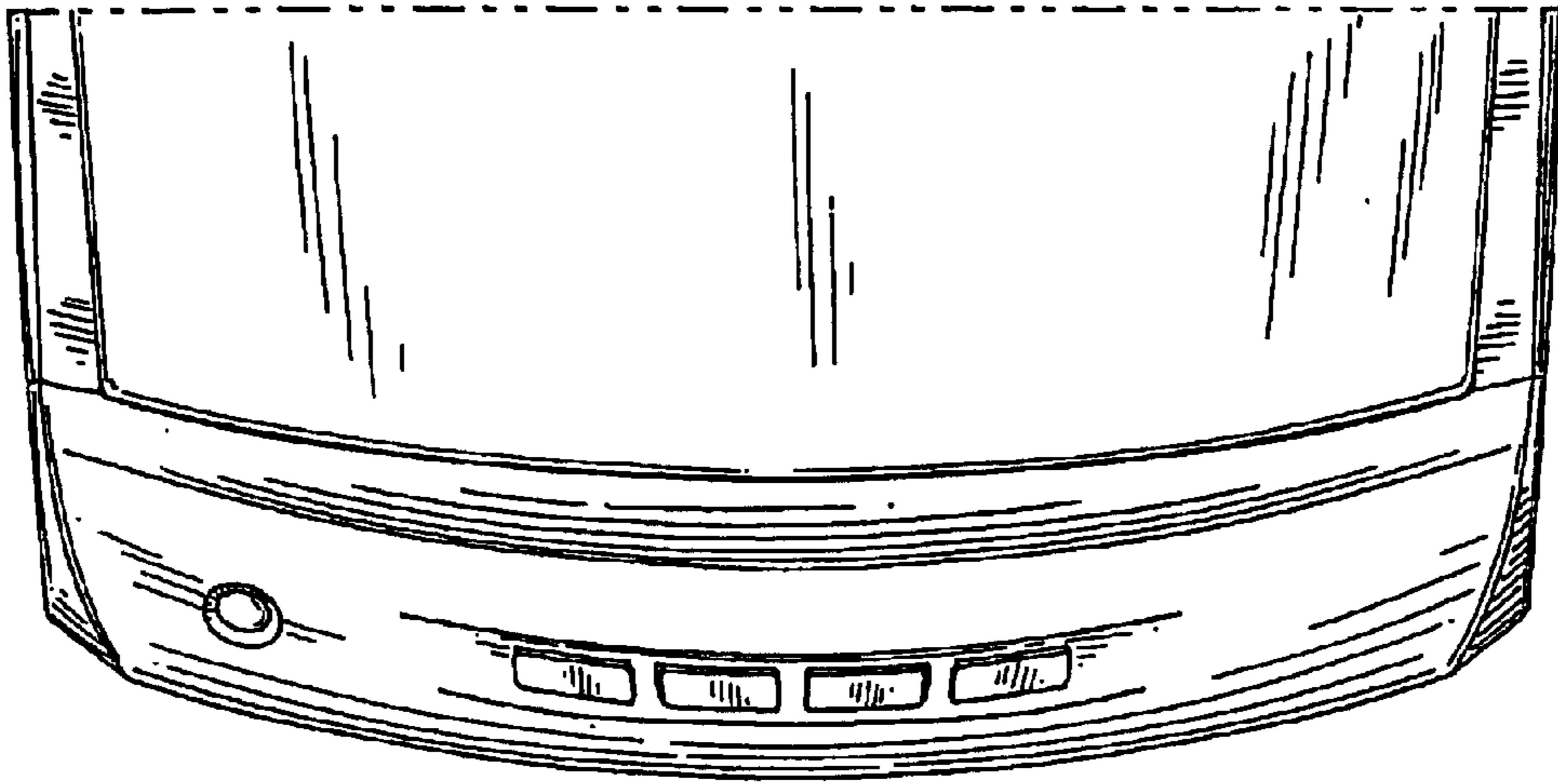


FIG. 1

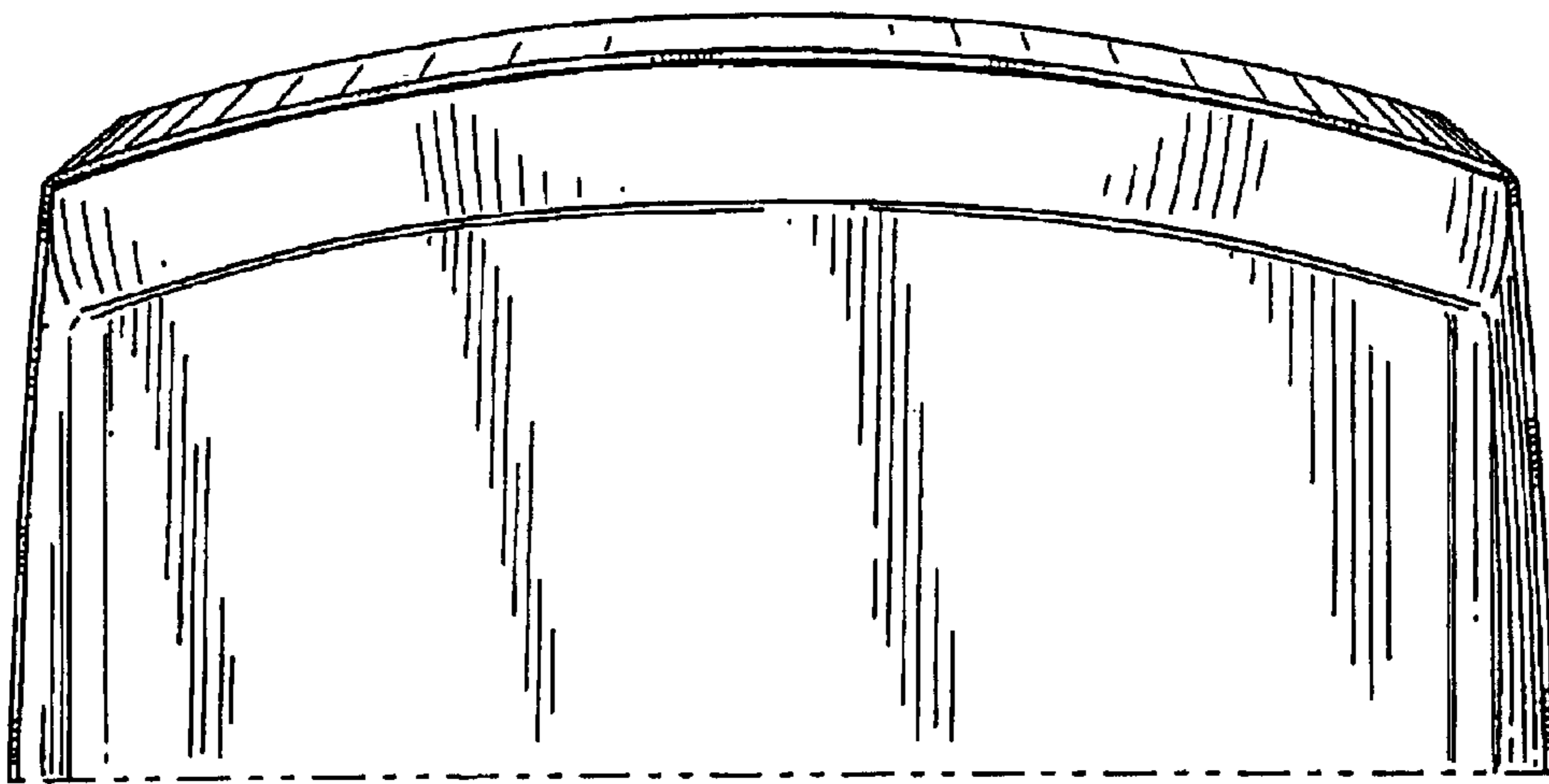


FIG. 2

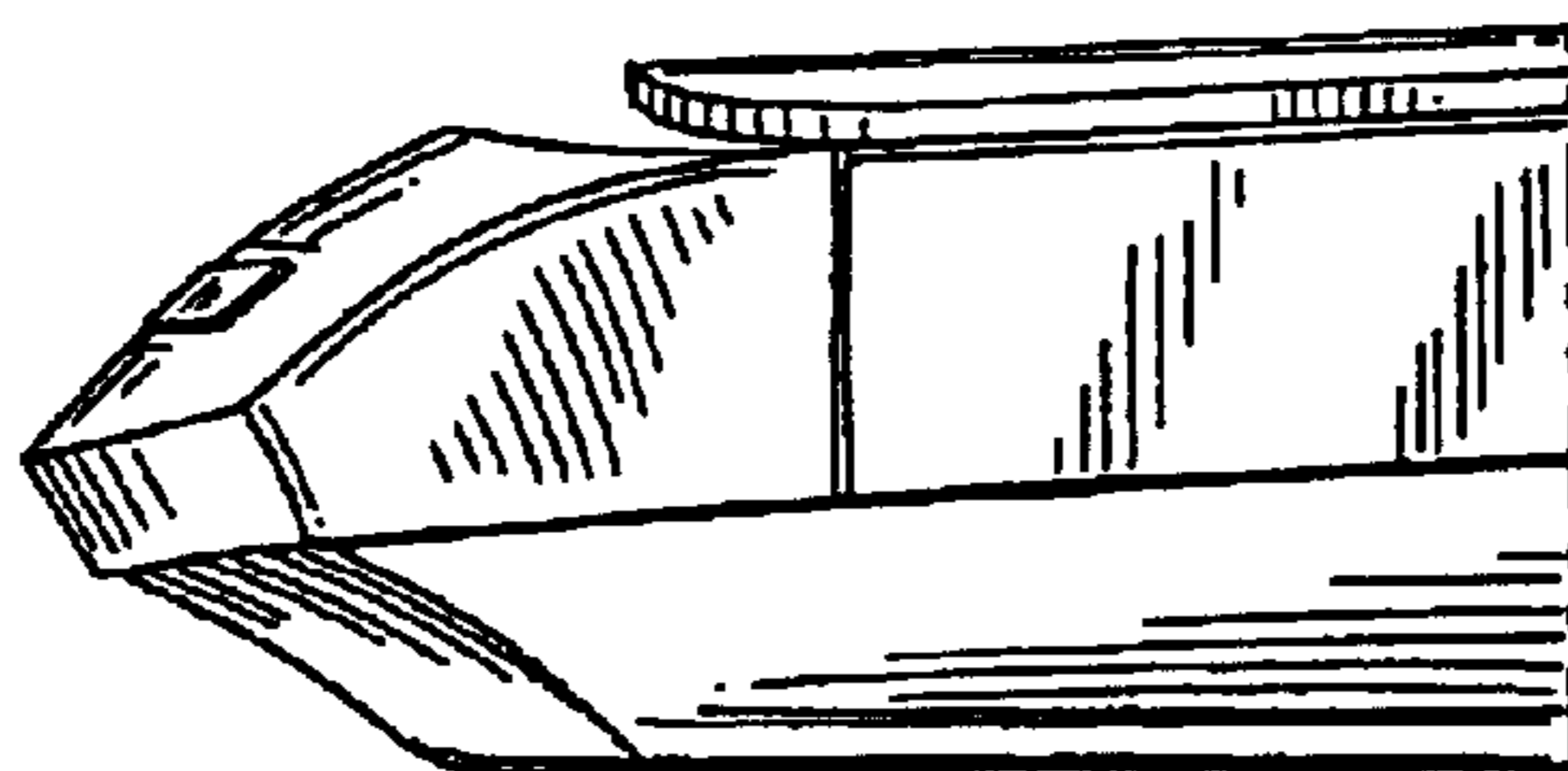


FIG. 3

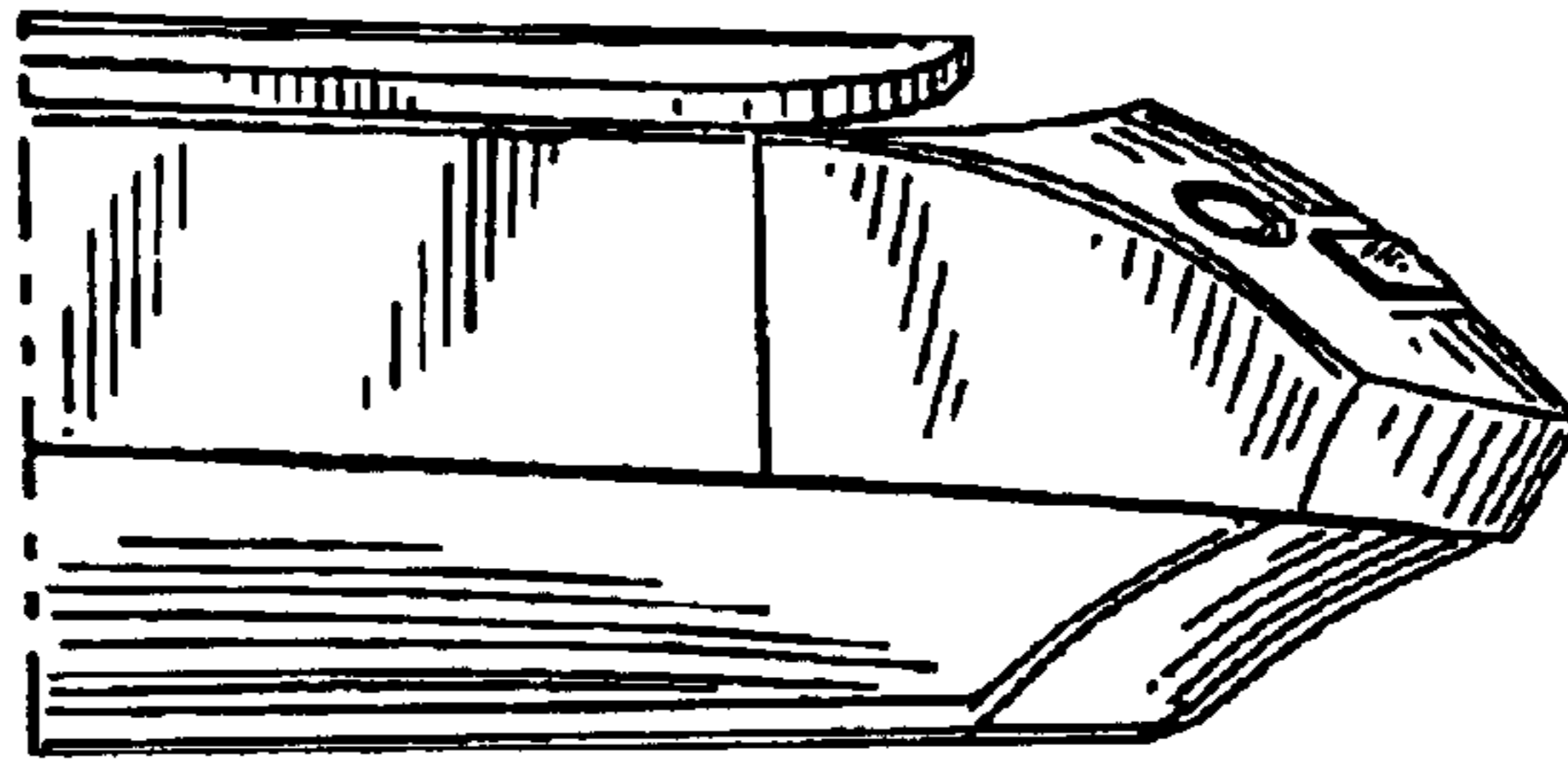


FIG. 4

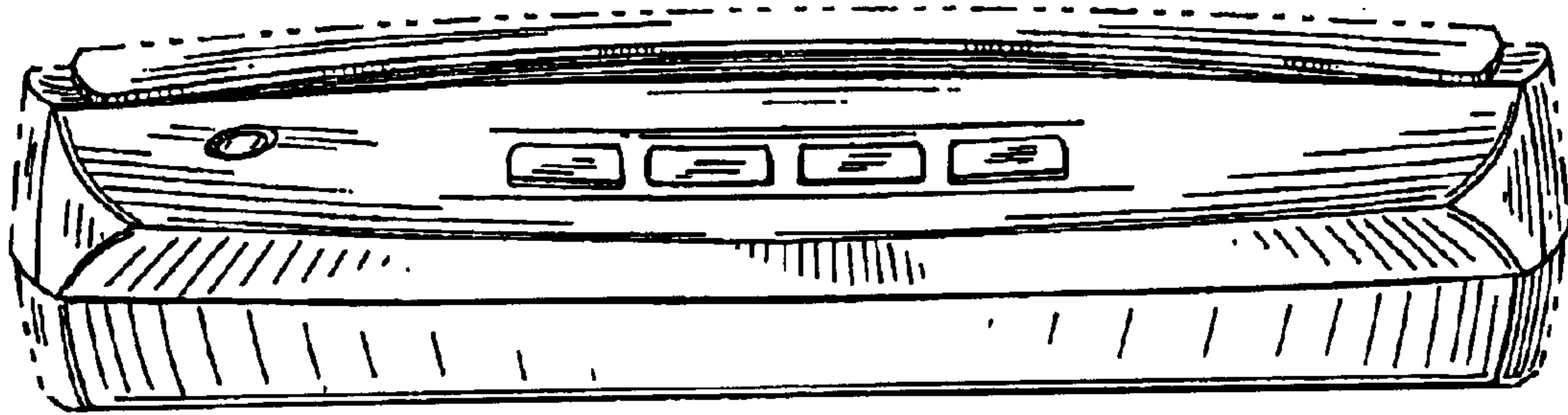


FIG. 5



FIG. 6

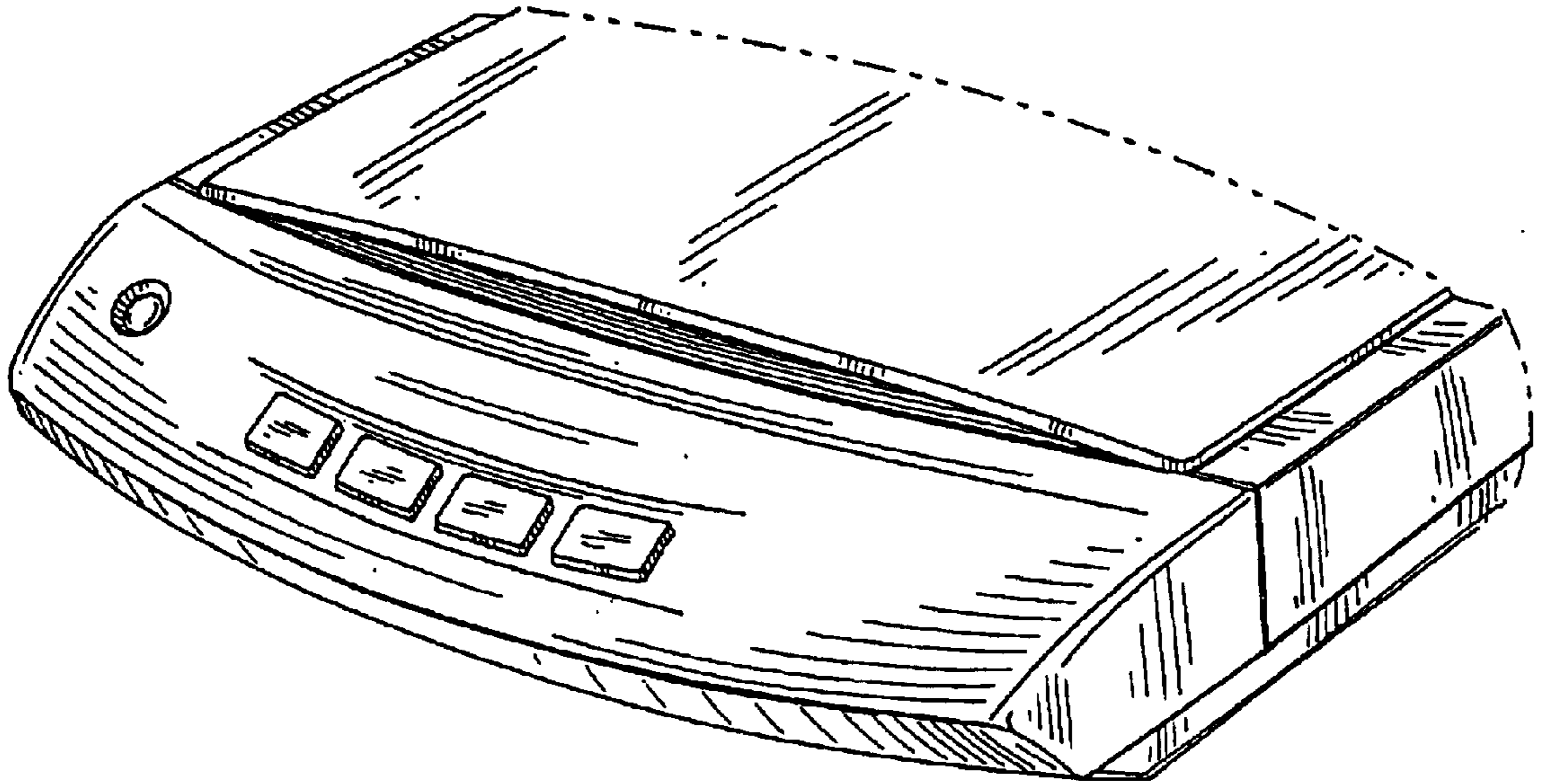


FIG. 7

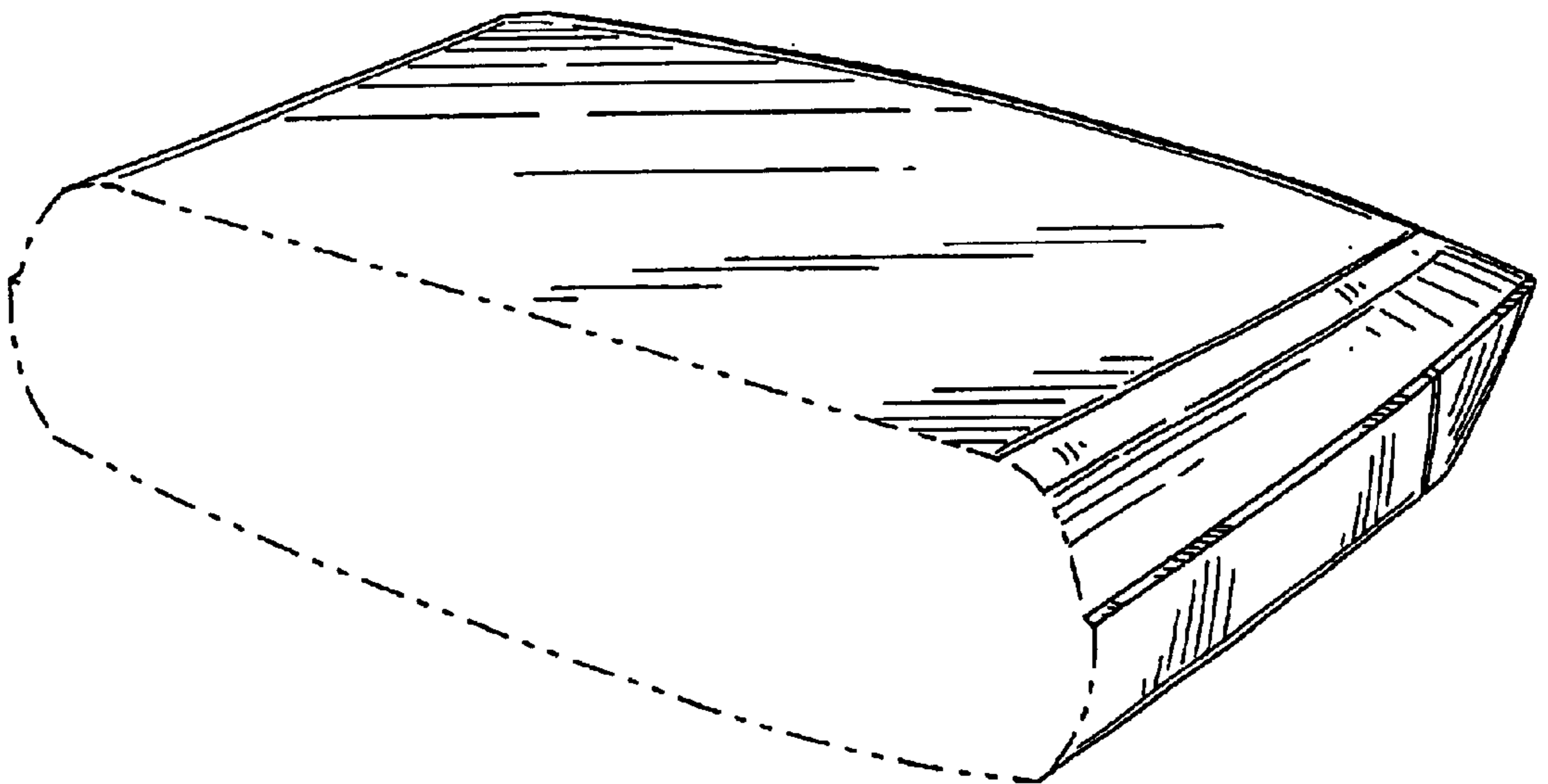


FIG. 8



FIG. 9

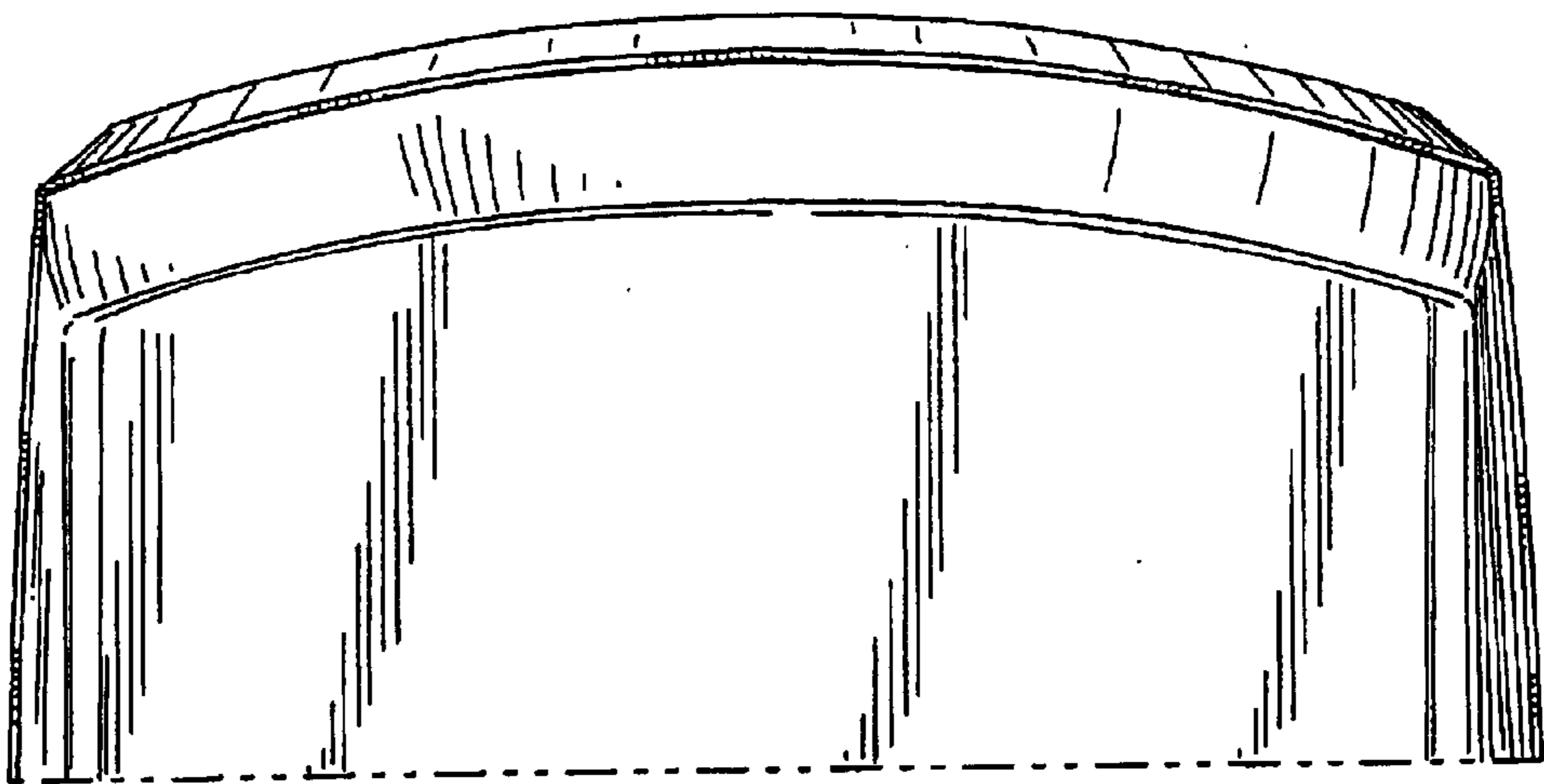


FIG. 10

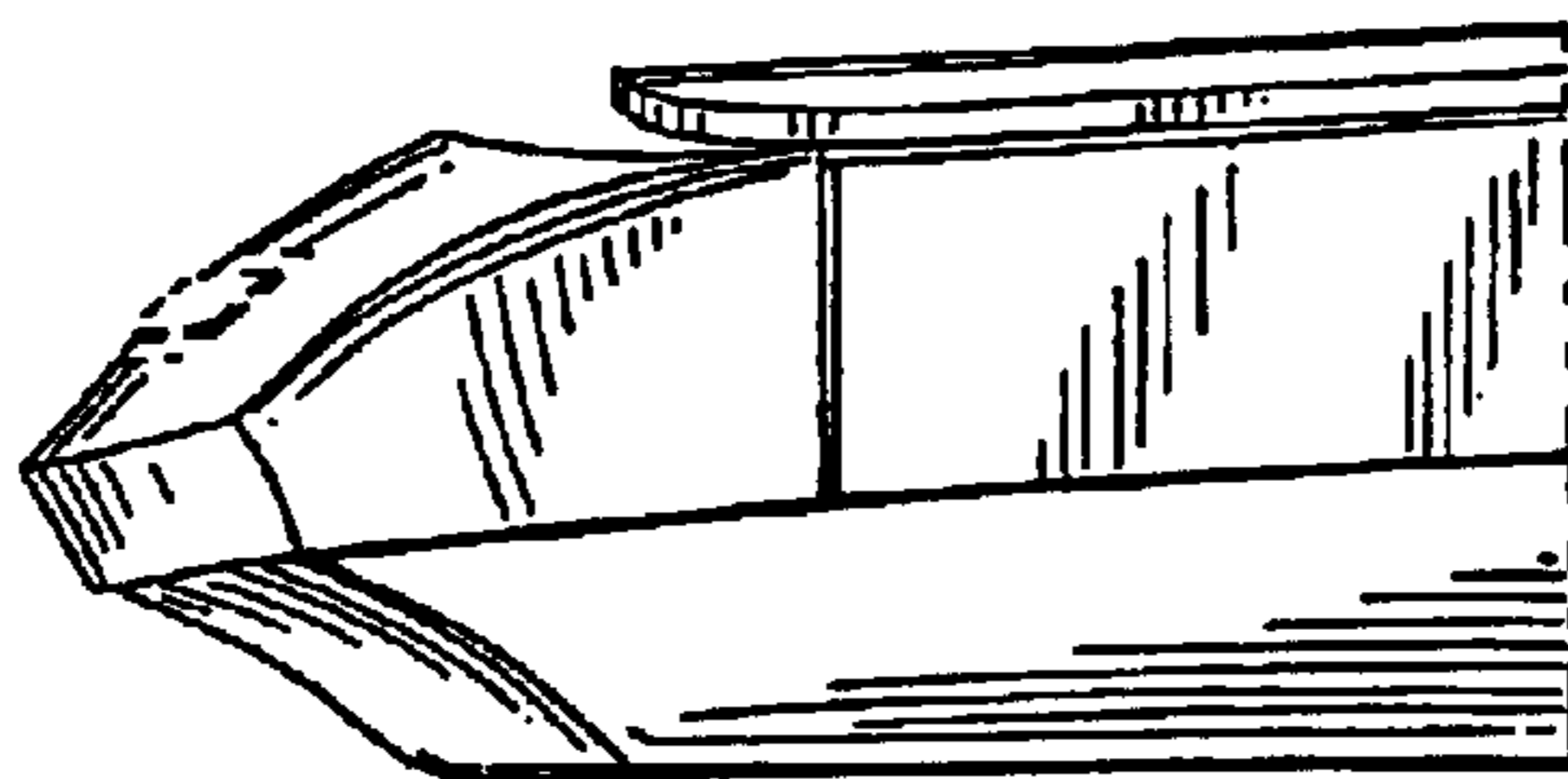


FIG. 11

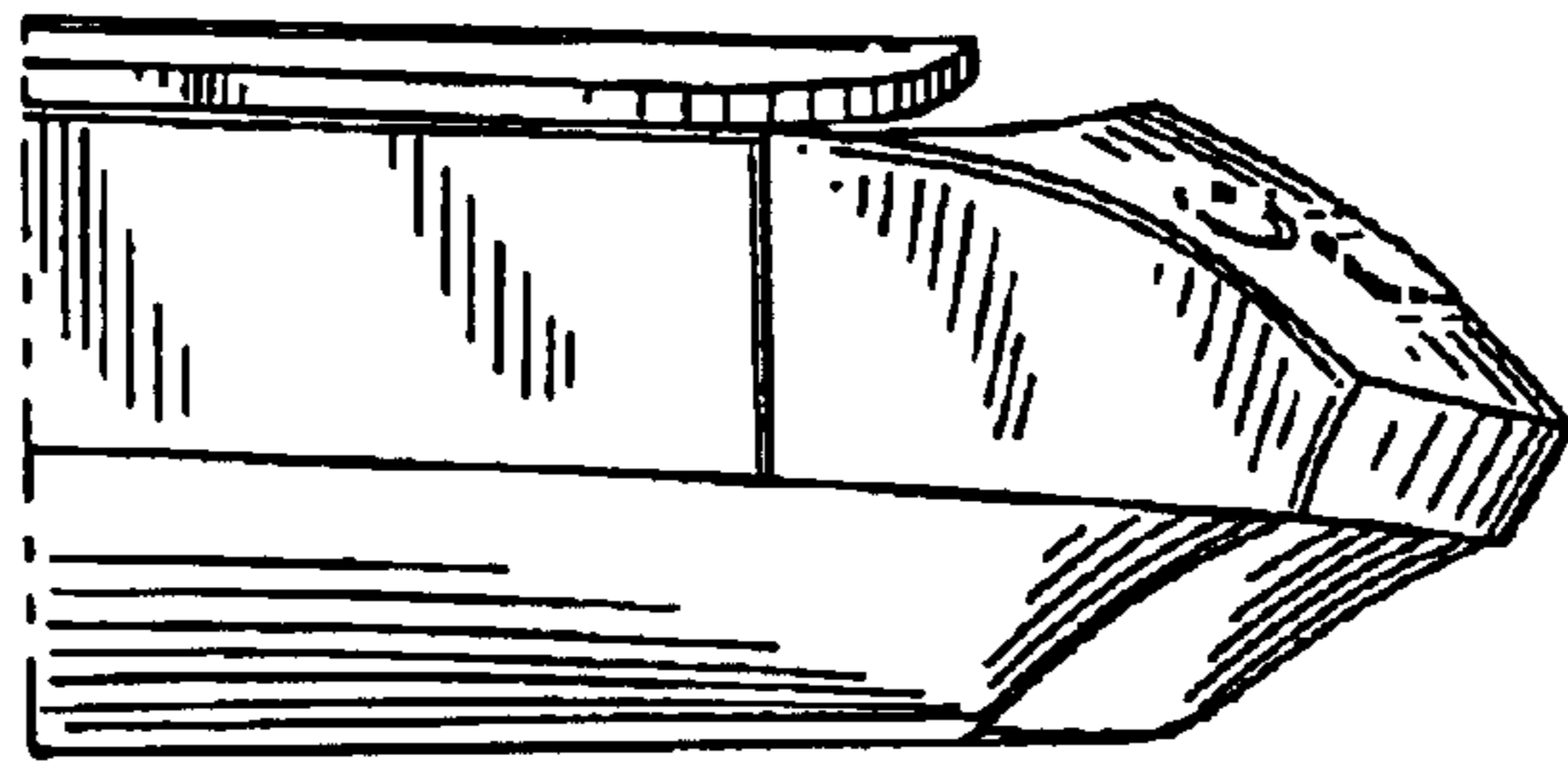


FIG. 12

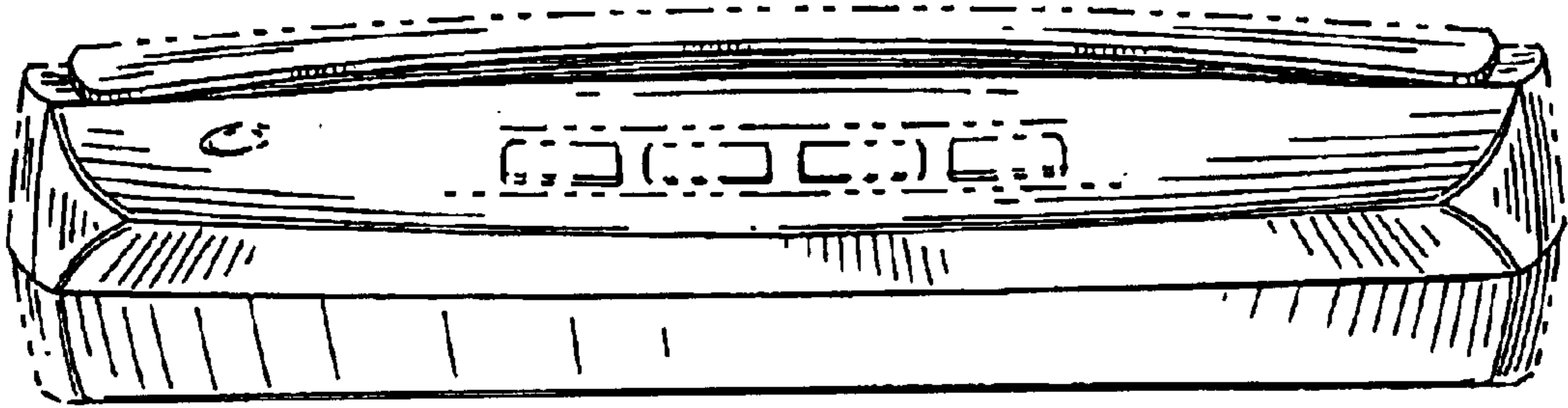


FIG. 13



FIG. 14

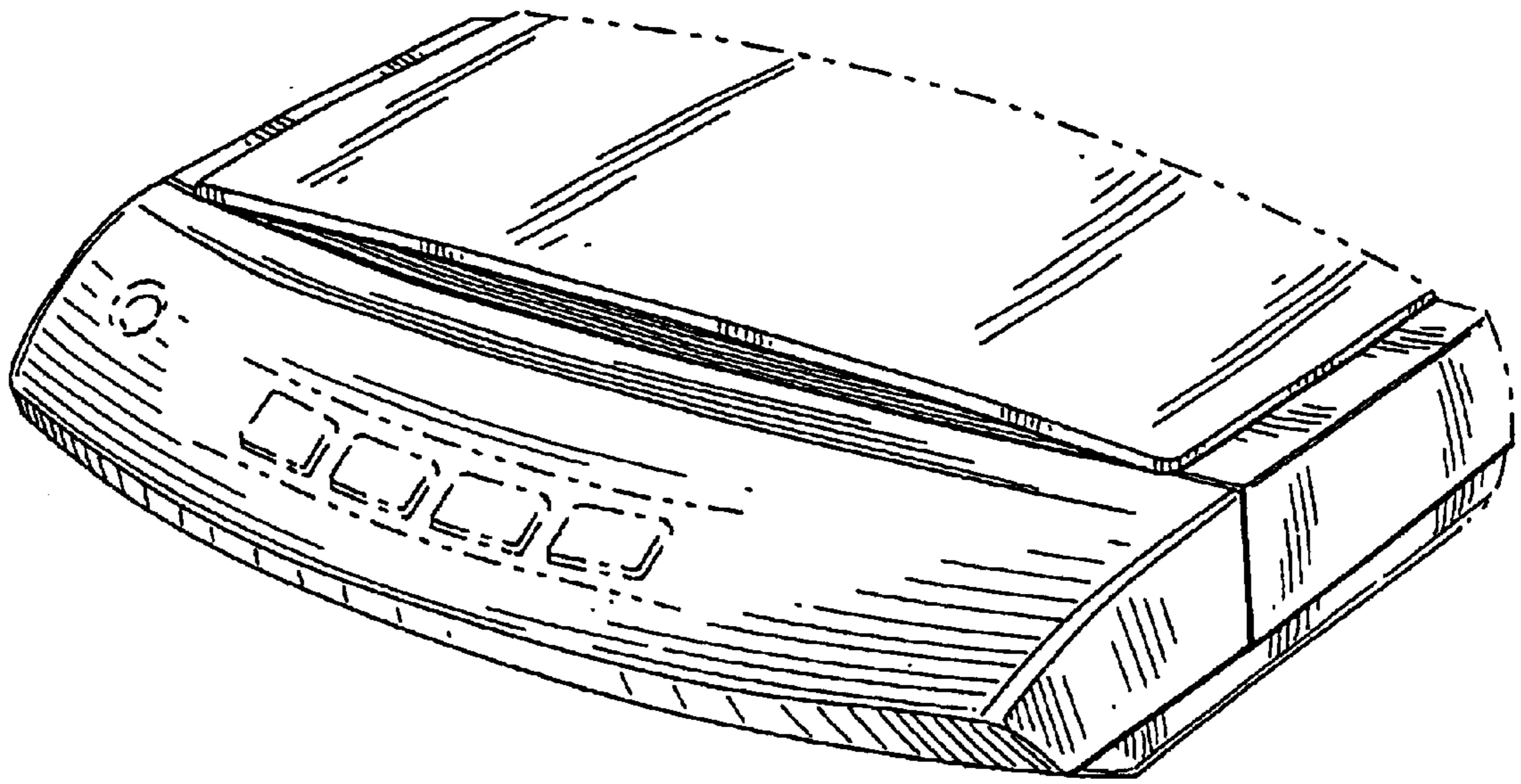


FIG. 15

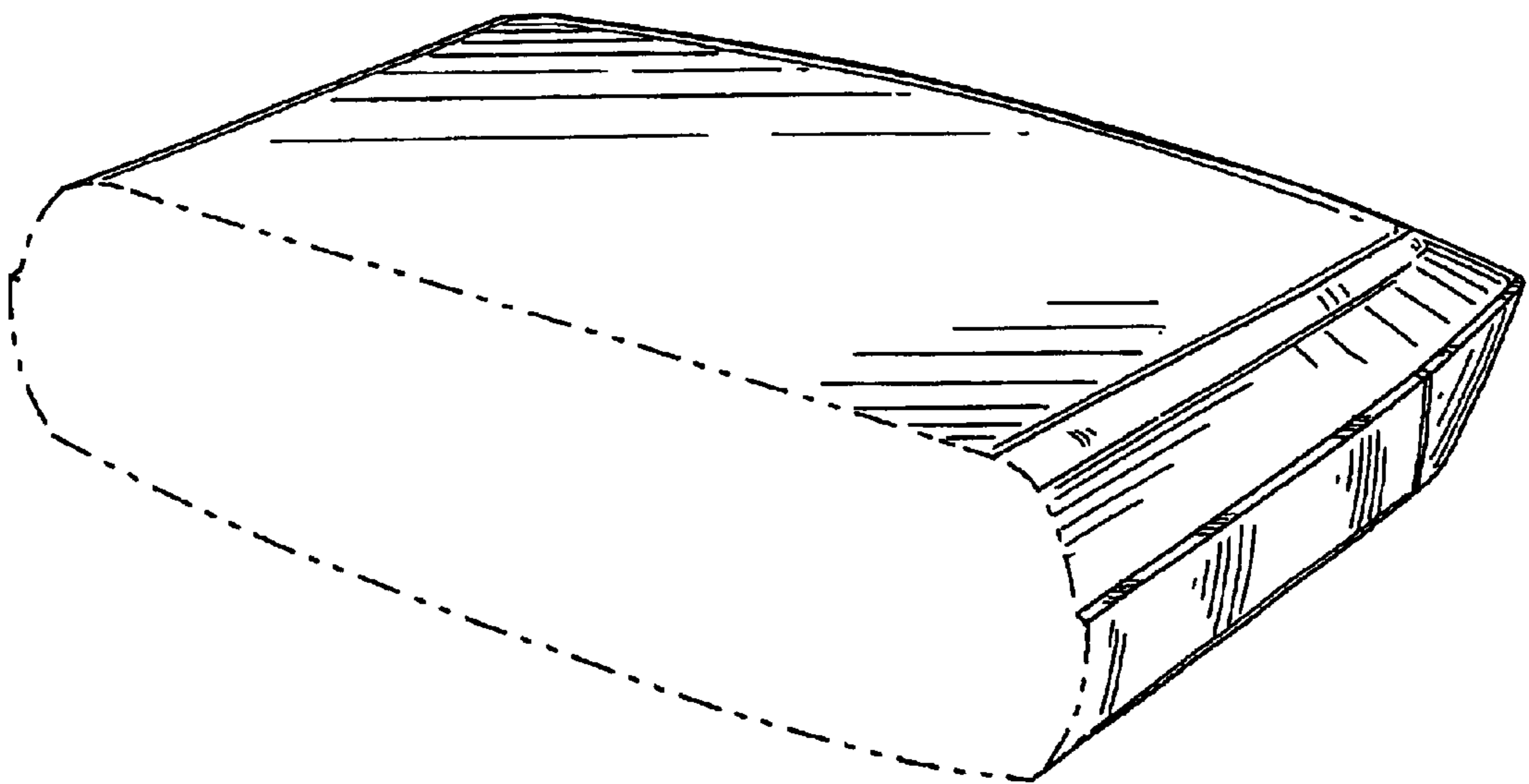


FIG. 16

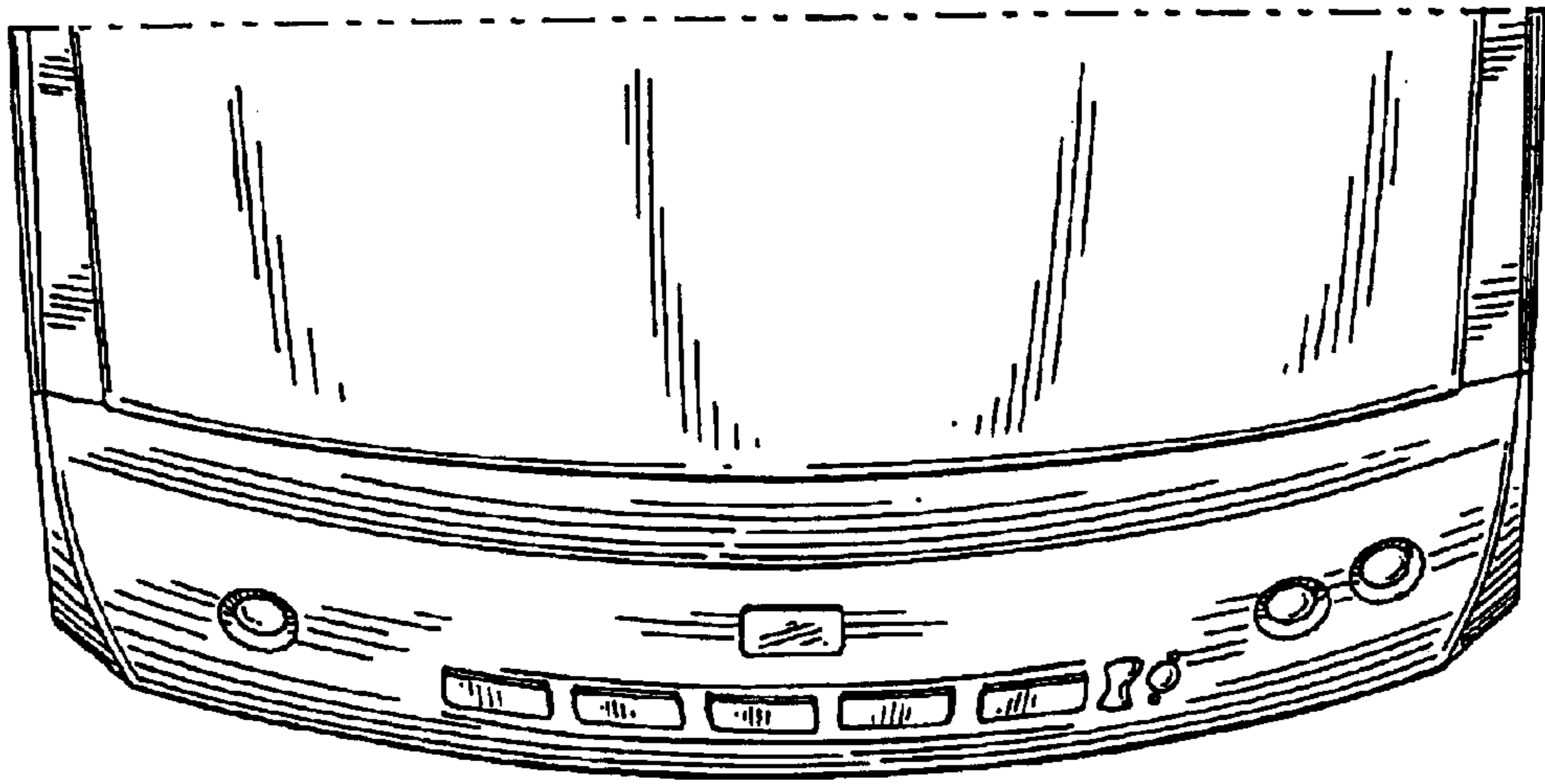


FIG. 17

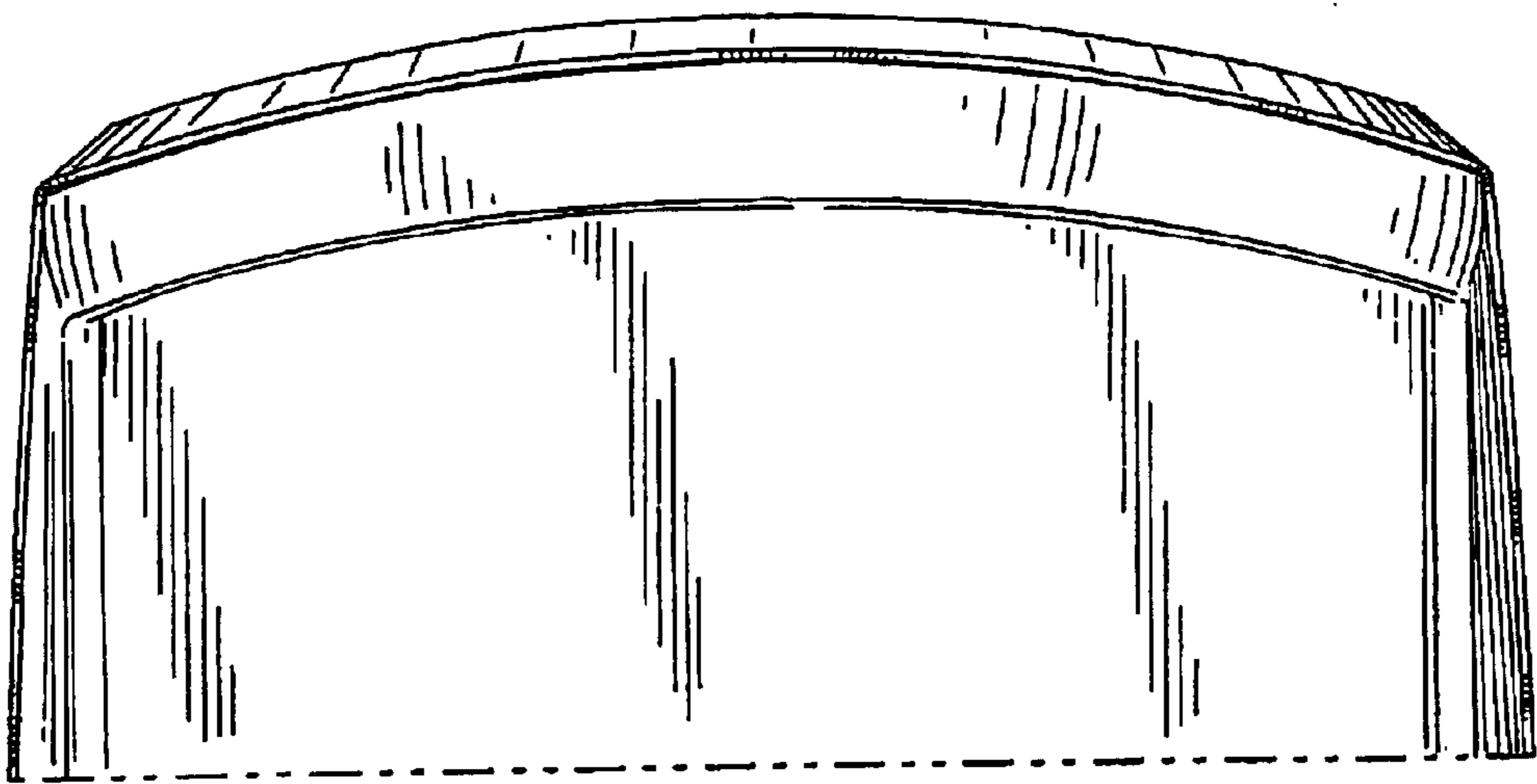


FIG. 18

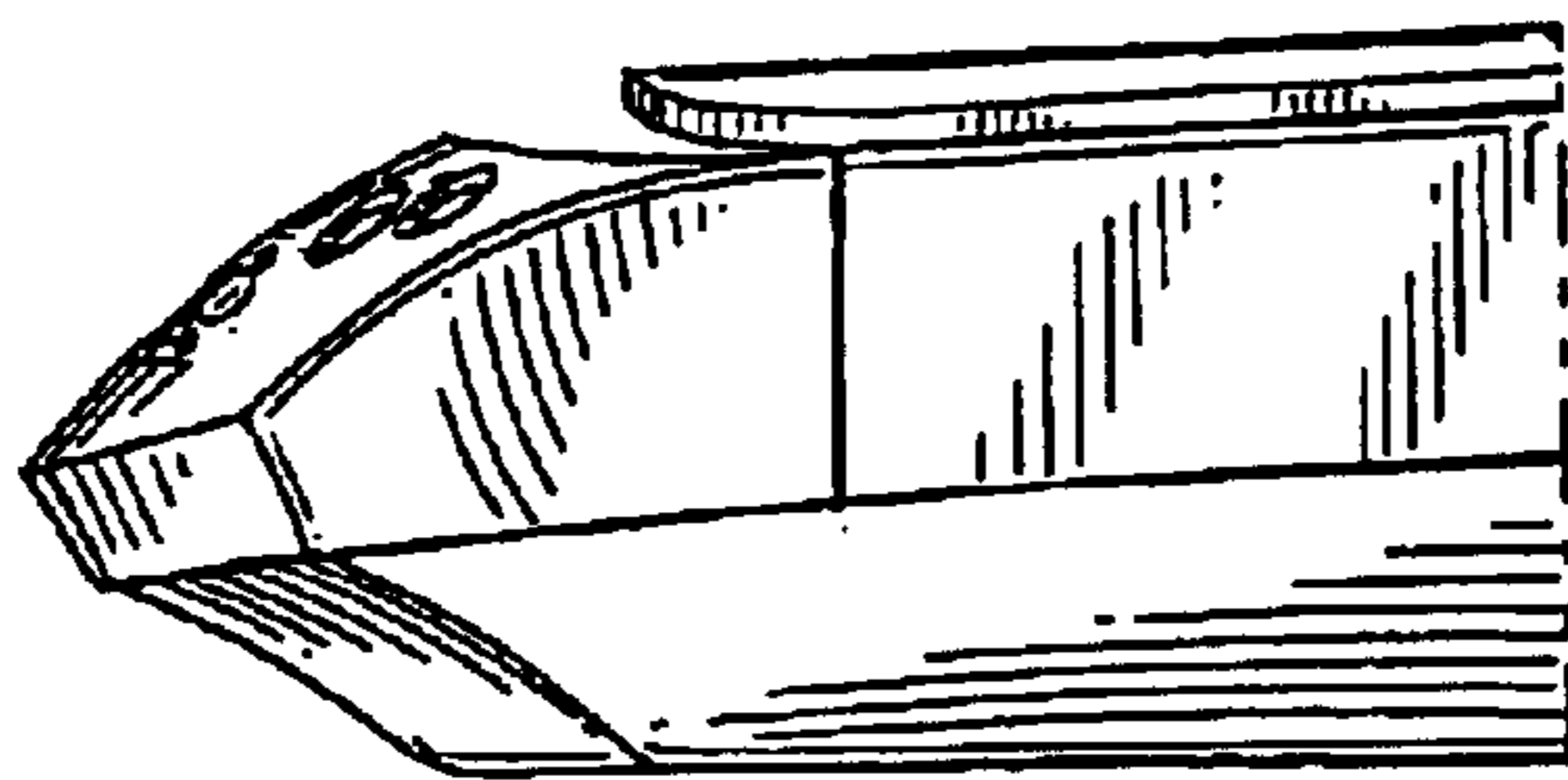


FIG. 19



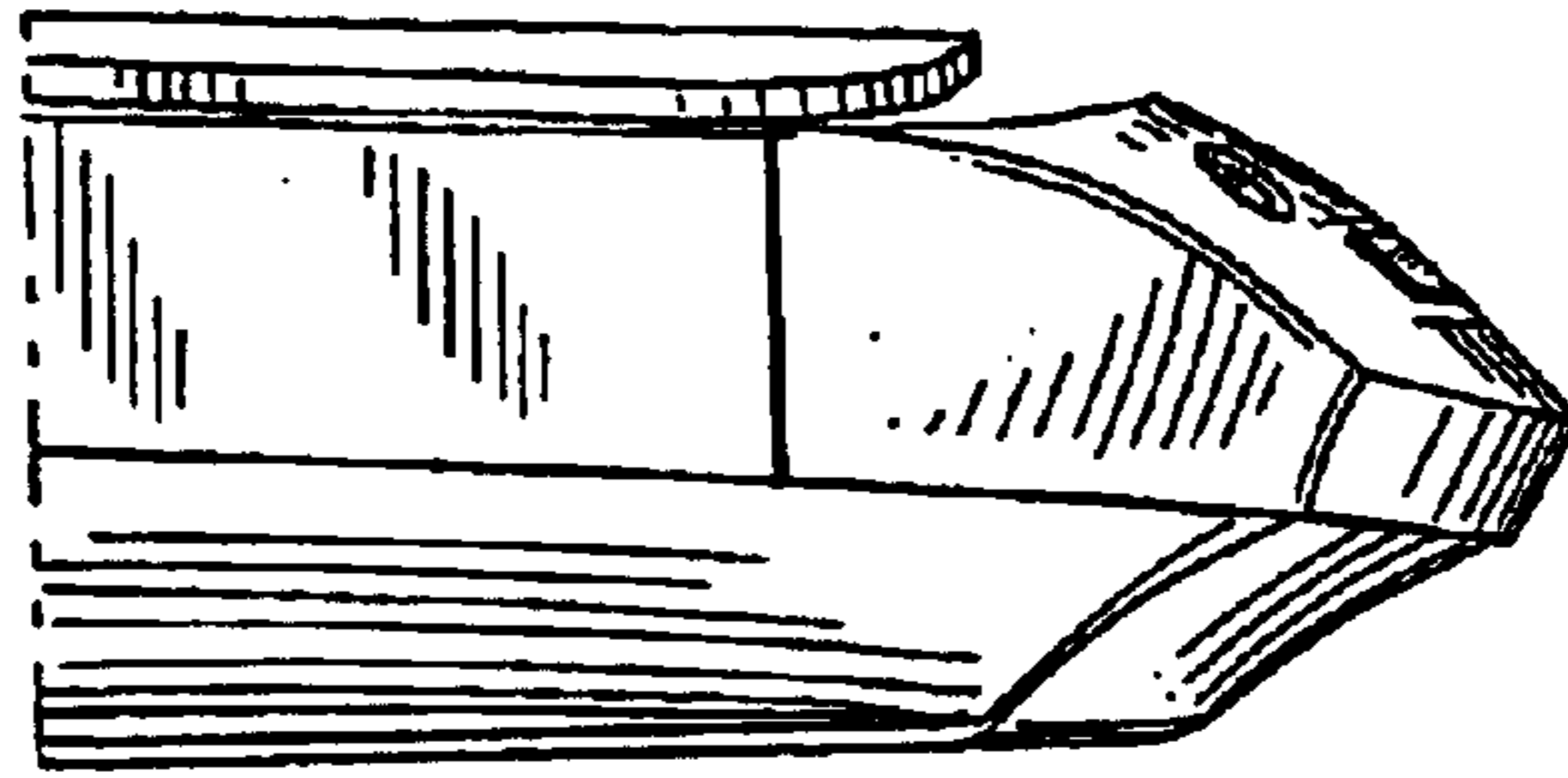


FIG. 20

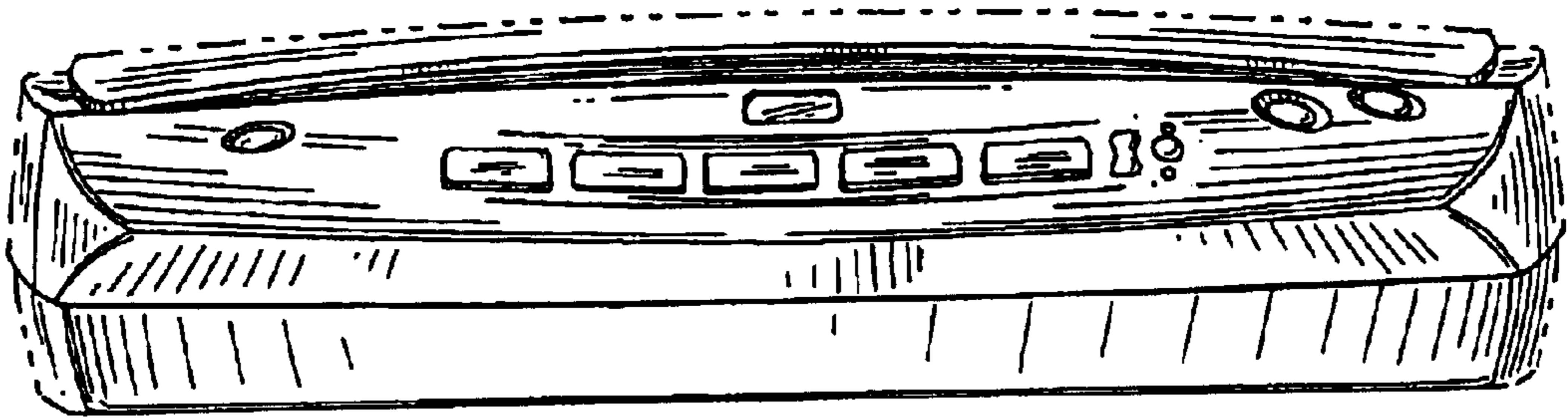


FIG. 21



FIG. 22

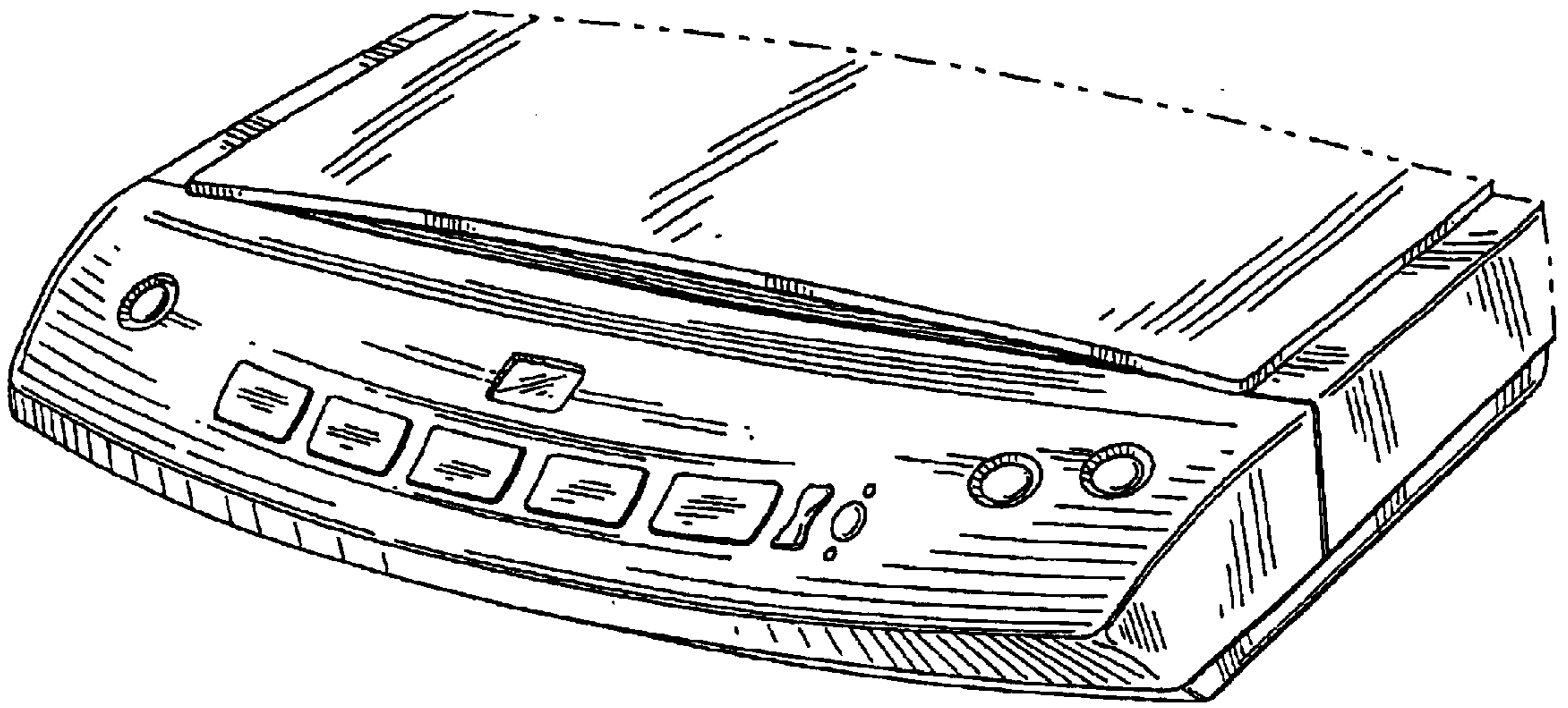


FIG. 23

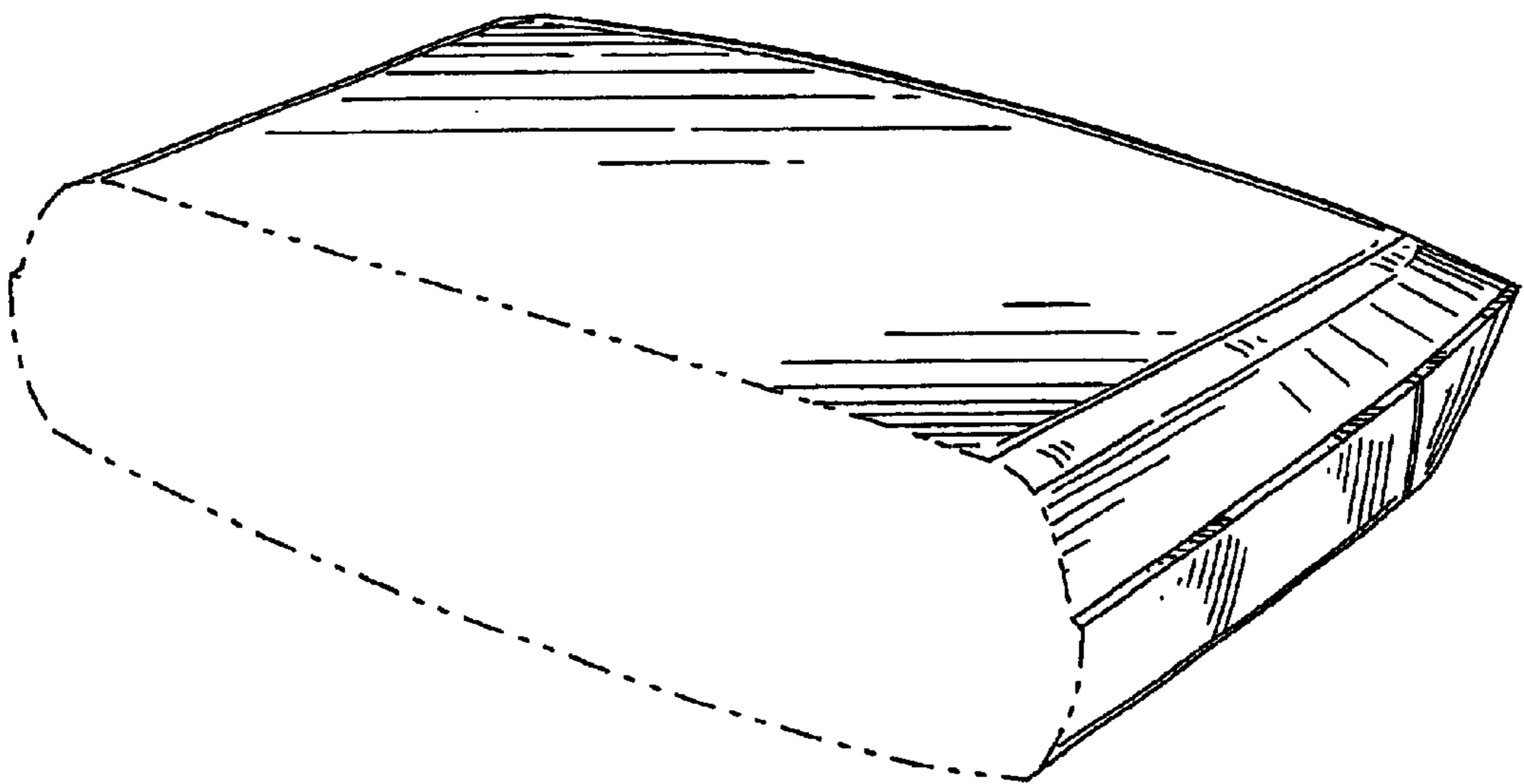


FIG. 24