



US00D976817S

(12) **United States Design Patent** (10) **Patent No.:** **US D976,817 S**
Su (45) **Date of Patent:** **** *Jan. 31, 2023**

(54) **ROTATING WIRELESS BATTERY CHARGING DEVICE**

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(72) Inventor: **Yee Su**, Irvine, CA (US)

(73) Assignee: **Yee Su**, Irvine, CA (US)

(*) Notice: This patent is subject to a terminal disclaimer.

(**) Term: **15 Years**

(21) Appl. No.: **29/667,588**

(22) Filed: **Oct. 23, 2018**

(51) **LOC (14) Cl.** **13-02**

(52) **U.S. Cl.**
USPC **D13/108**

(58) **Field of Classification Search**
USPC D13/107-110, 146, 147, 153, 155, 184,
D13/199, 154, 102-106, 118-119;
D32/31; D8/356, 358

(Continued)

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Primary Examiner — Christy Nemeth

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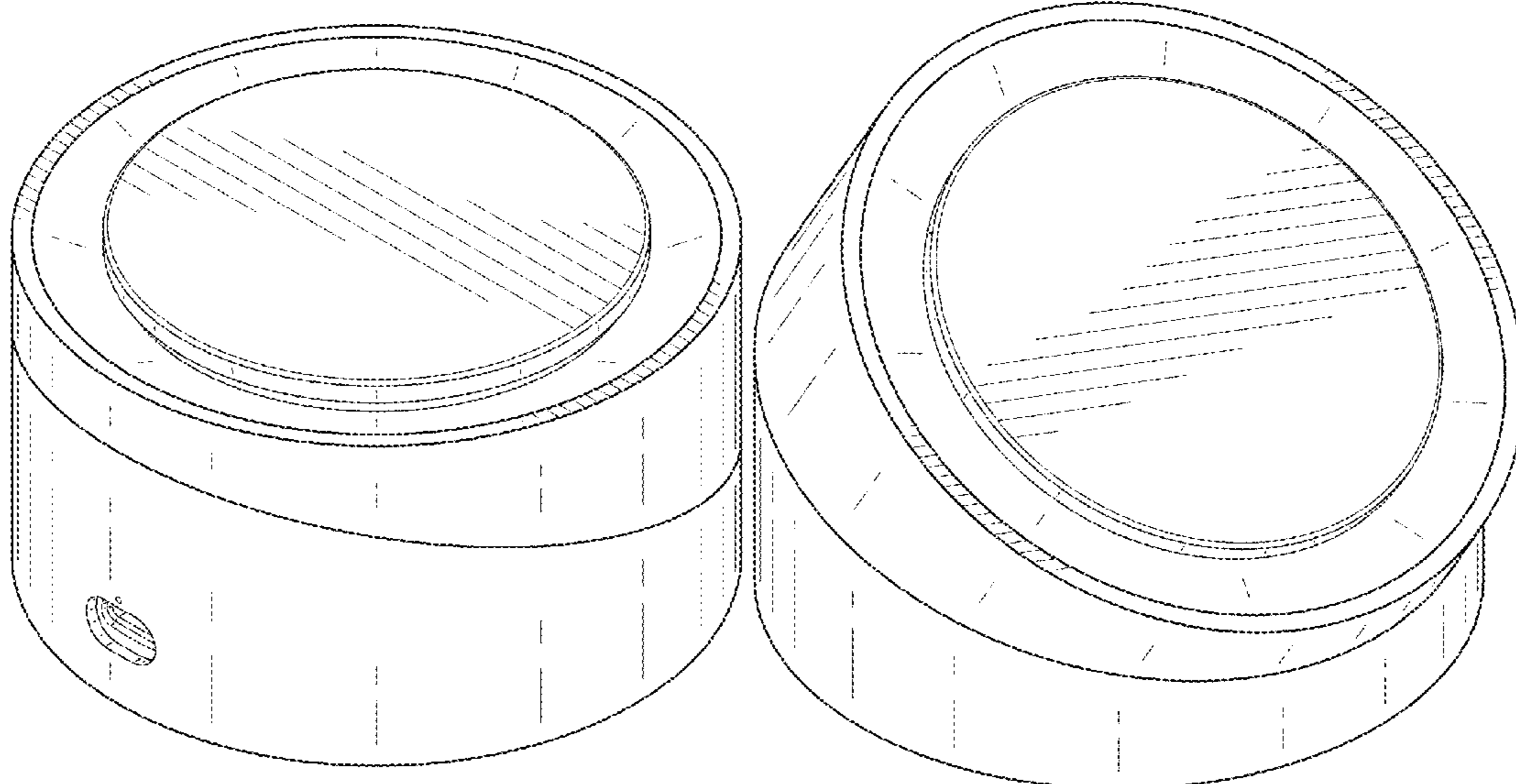
(57) **CLAIM**

The ornamental design for a rotating wireless battery charging device, substantially as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of a rotating wireless battery charging device, shown in a first orientation, according to a first embodiment of the present invention; FIG. 2 is a bottom perspective view thereof; FIG. 3 is a top view thereof; FIG. 4 is a bottom view thereof; FIG. 5 is a left side view thereof; FIG. 6 is a right side view thereof; FIG. 7 is a back view thereof; FIG. 8 is a front view thereof; FIG. 9 is a top perspective view of the rotating wireless battery charging device of FIG. 1, shown in a second orientation; FIG. 10 is a right side view thereof; FIG. 11 is a left side view thereof; FIG. 12 is a back view thereof; FIG. 13 is a front view thereof; FIG. 14 is a top perspective view of a rotating wireless battery charging device, shown in a first orientation, according to a second embodiment of the present invention; FIG. 15 is a bottom perspective view thereof; FIG. 16 is a top view thereof; FIG. 17 is a bottom view thereof; FIG. 18 is a left side view thereof; FIG. 19 is a right side view thereof; FIG. 20 is a back view thereof; FIG. 21 is a front view thereof; FIG. 22 is a top perspective view of the rotating wireless battery charging device of FIG. 14, shown in a second orientation; FIG. 23 is a right side view thereof; FIG. 24 is a left side view thereof; FIG. 25 is a back view thereof; and, FIG. 26 is a front view thereof. The broken lines in the drawings are for the purpose of illustrating portions of the article that form no part of the claimed design.

1 Claim, 14 Drawing Sheets



(58) **Field of Classification Search**

CPC Y02E 60/12; Y02E 60/10; H02J 7/025;
 H02J 7/0042; H02J 7/0044; H02J 7/0045;
 H02J 7/0003; H02J 7/0027; H02J 7/0013;
 H02J 7/0054; H02J 7/00; H02J 2001/008;
 H02J 3/32; H02J 3/008; H02J 7/0011;
 H02J 7/0055; H02J 7/0057; H01F 38/14;
 H01R 13/6675; H01R 13/66; H01M
 2/1022; H01M 2/1055; H01M 10/44;
 H01M 10/46; H01M 10/425; H01M 6/00;
 H01M 6/14; H01M 6/05; H01M 6/10;
 H01M 10/052; B60L 11/182; B60L
 11/1809; B60L 11/1861; B60R 16/03

See application file for complete search history.

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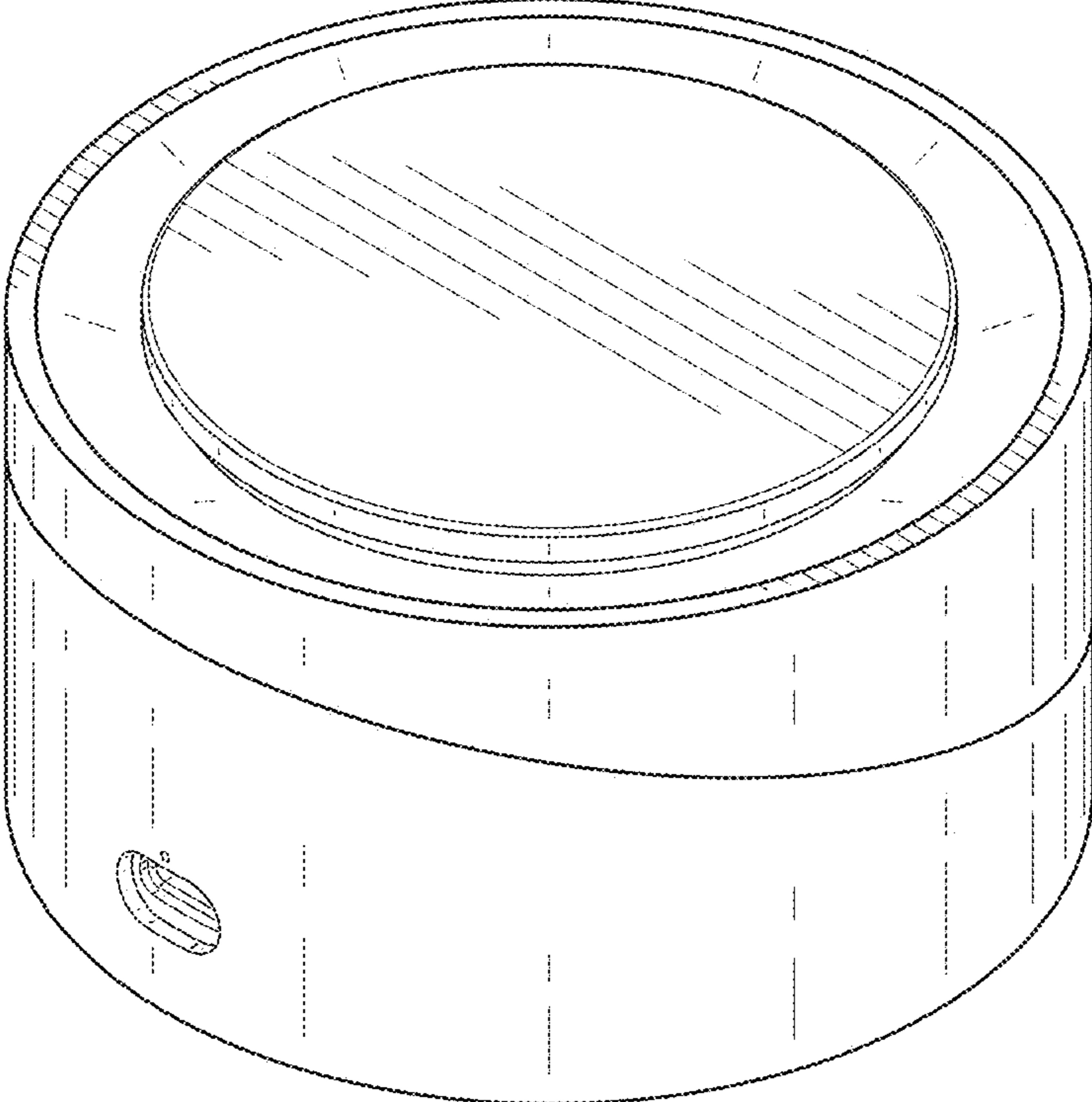


FIG. 1

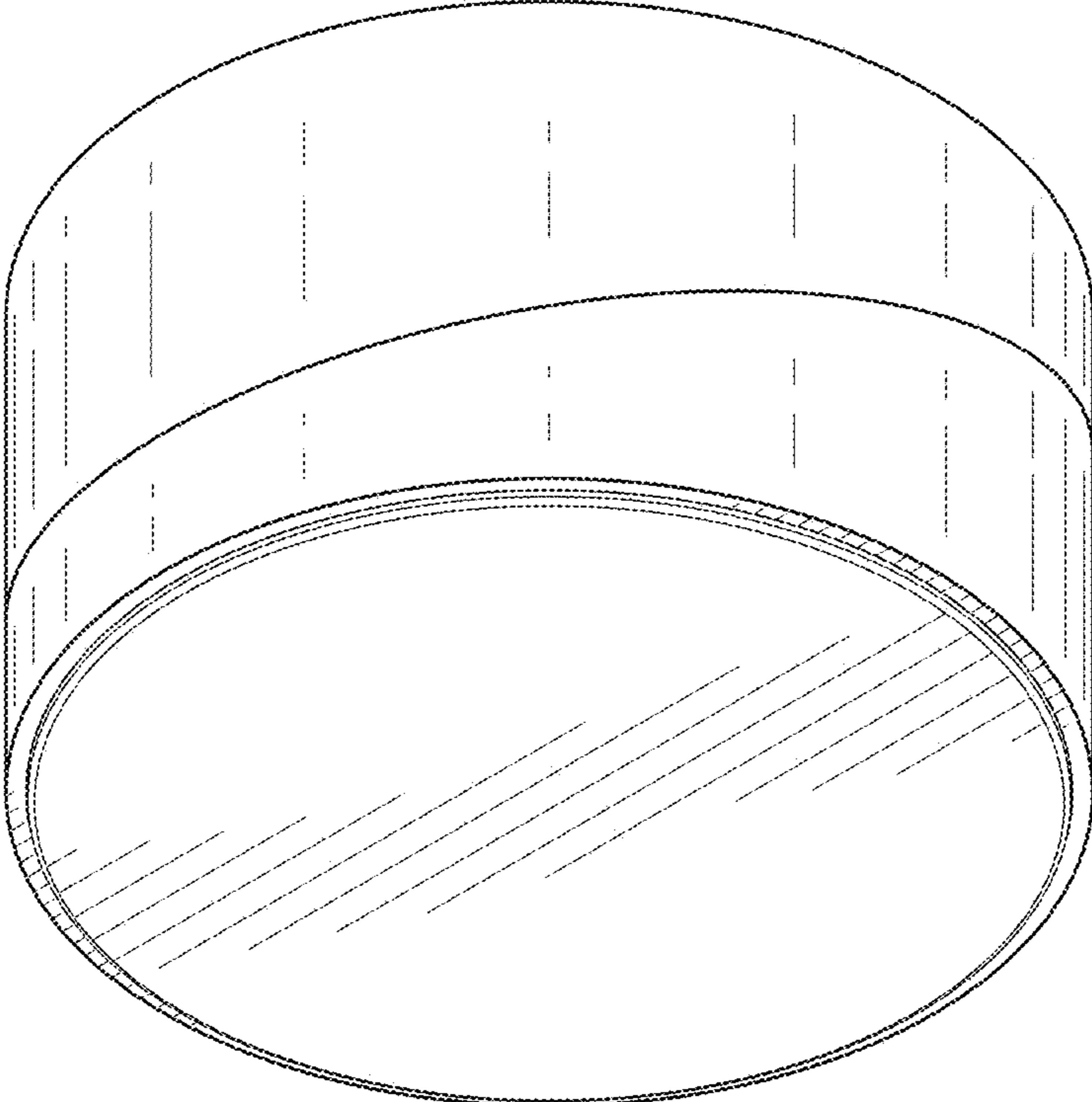


FIG. 2

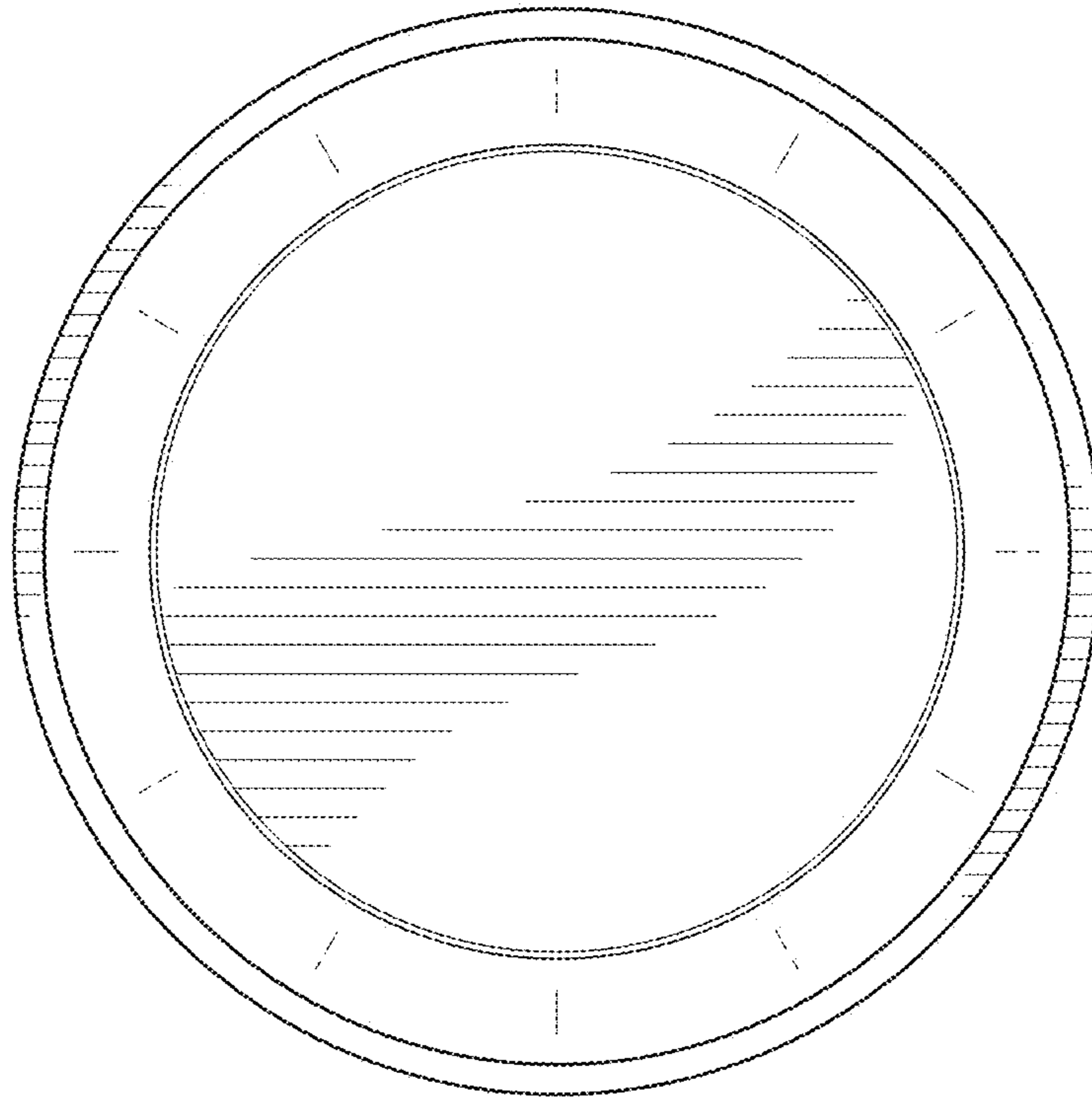


FIG. 3

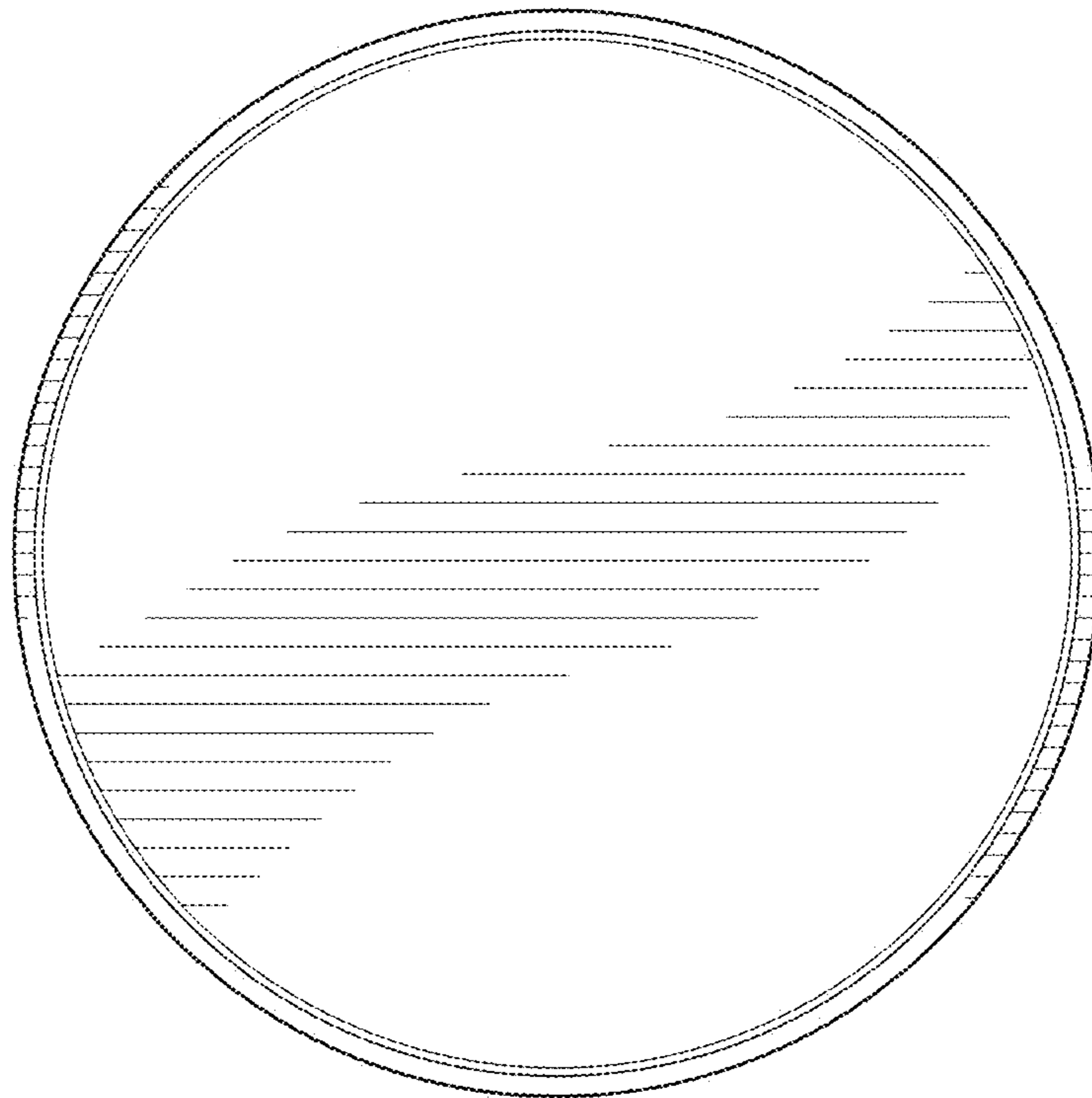


FIG. 4

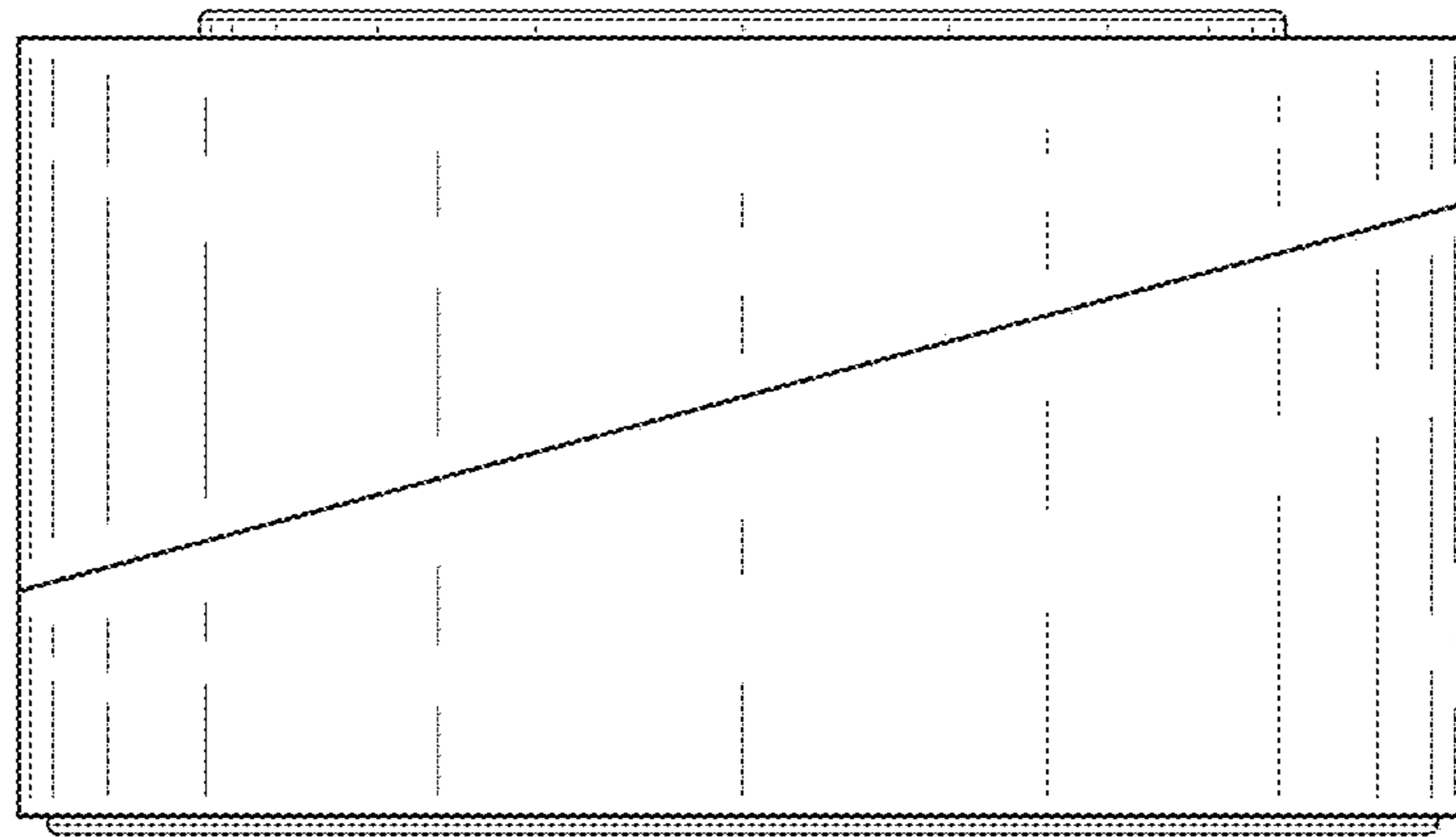


FIG. 5

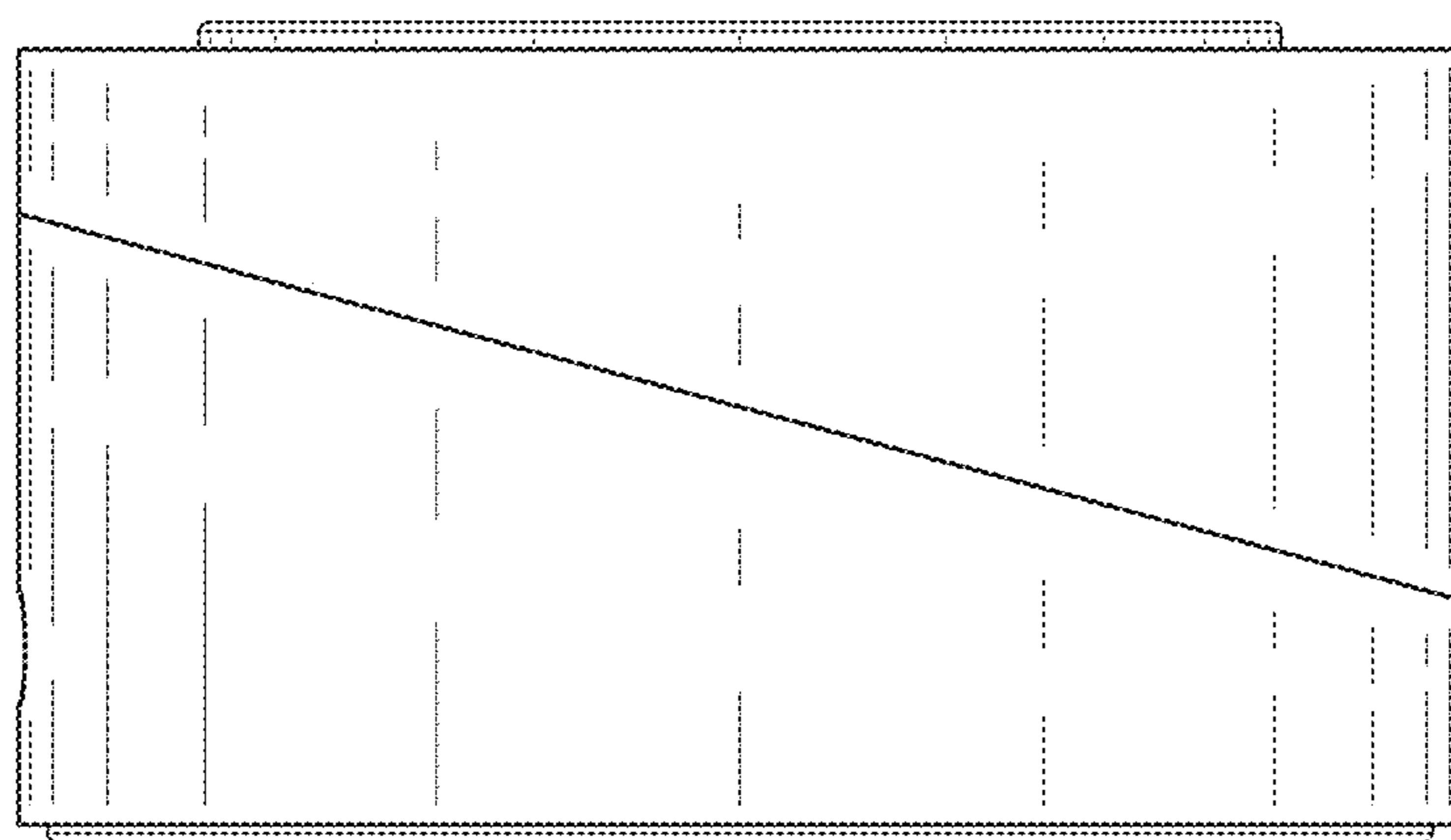


FIG. 6

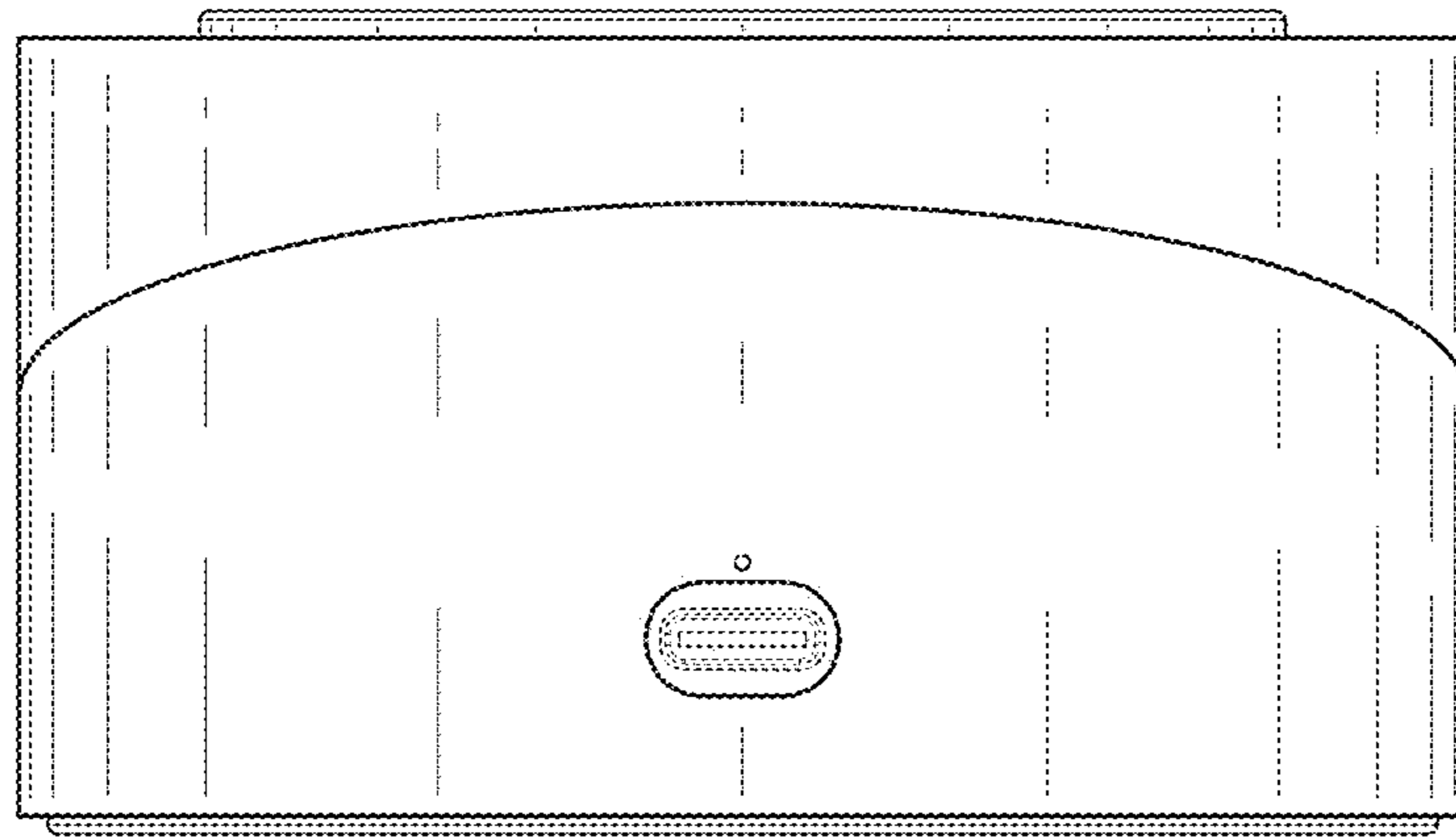


FIG. 7

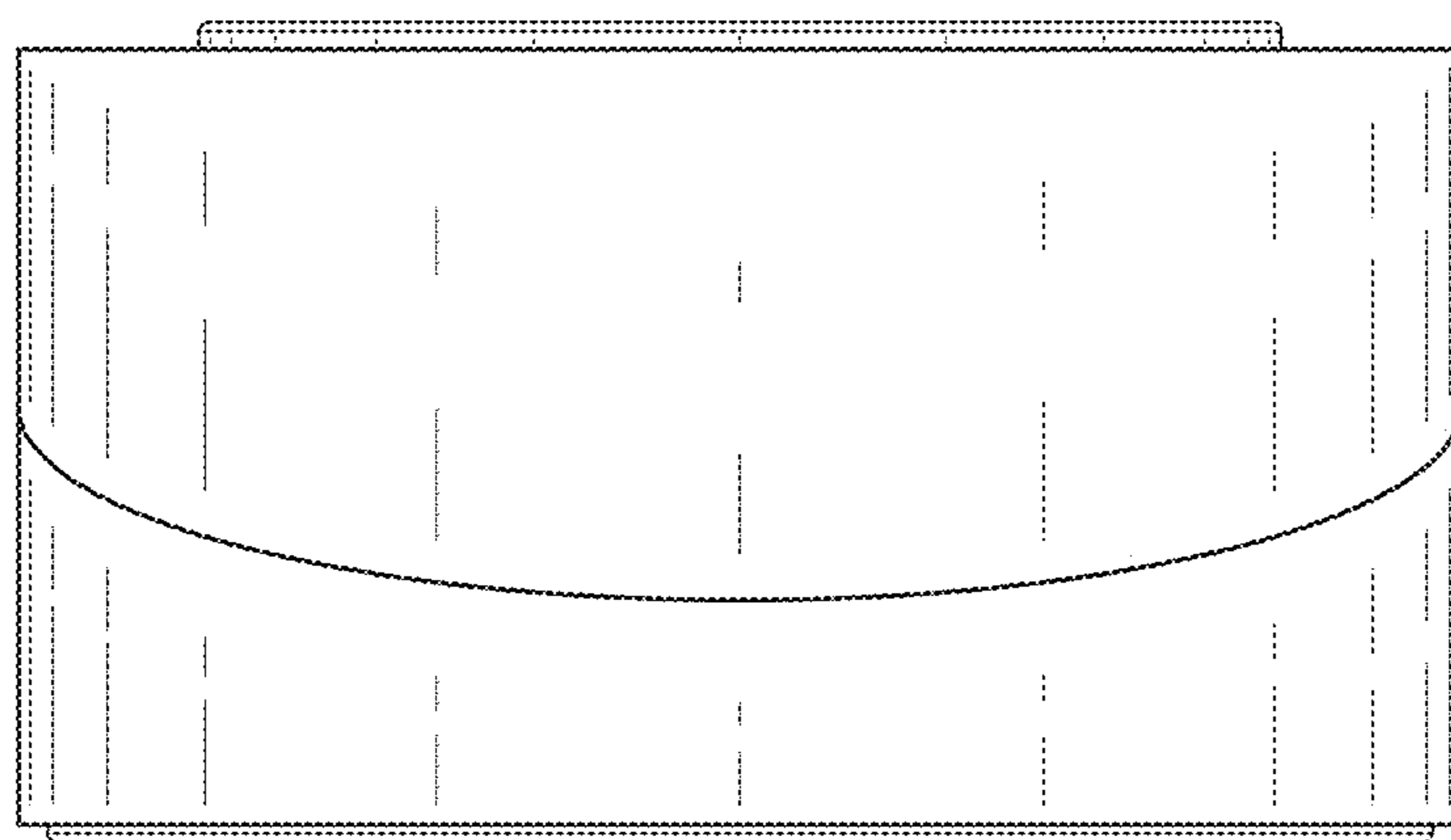


FIG. 8

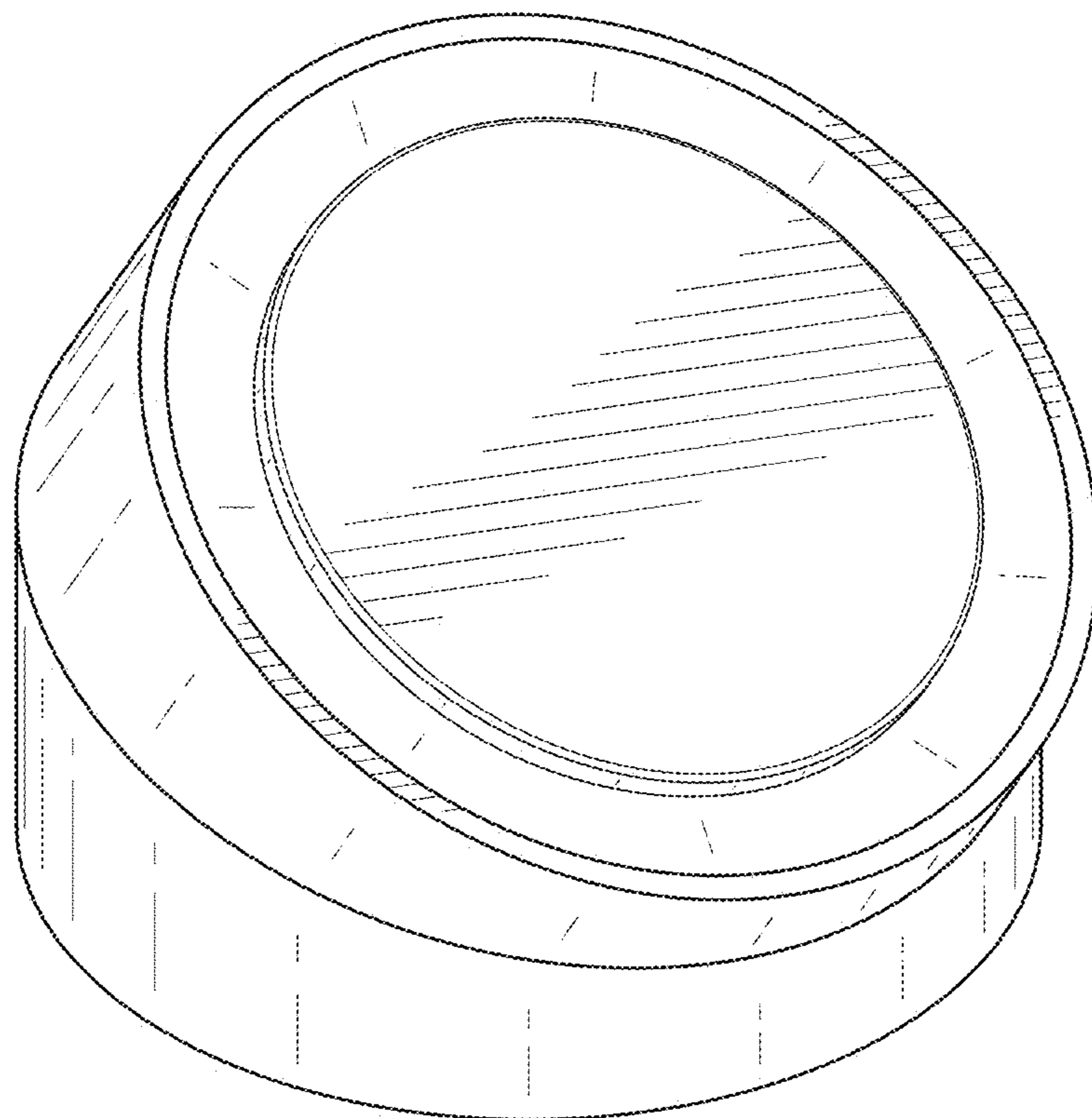


FIG. 9

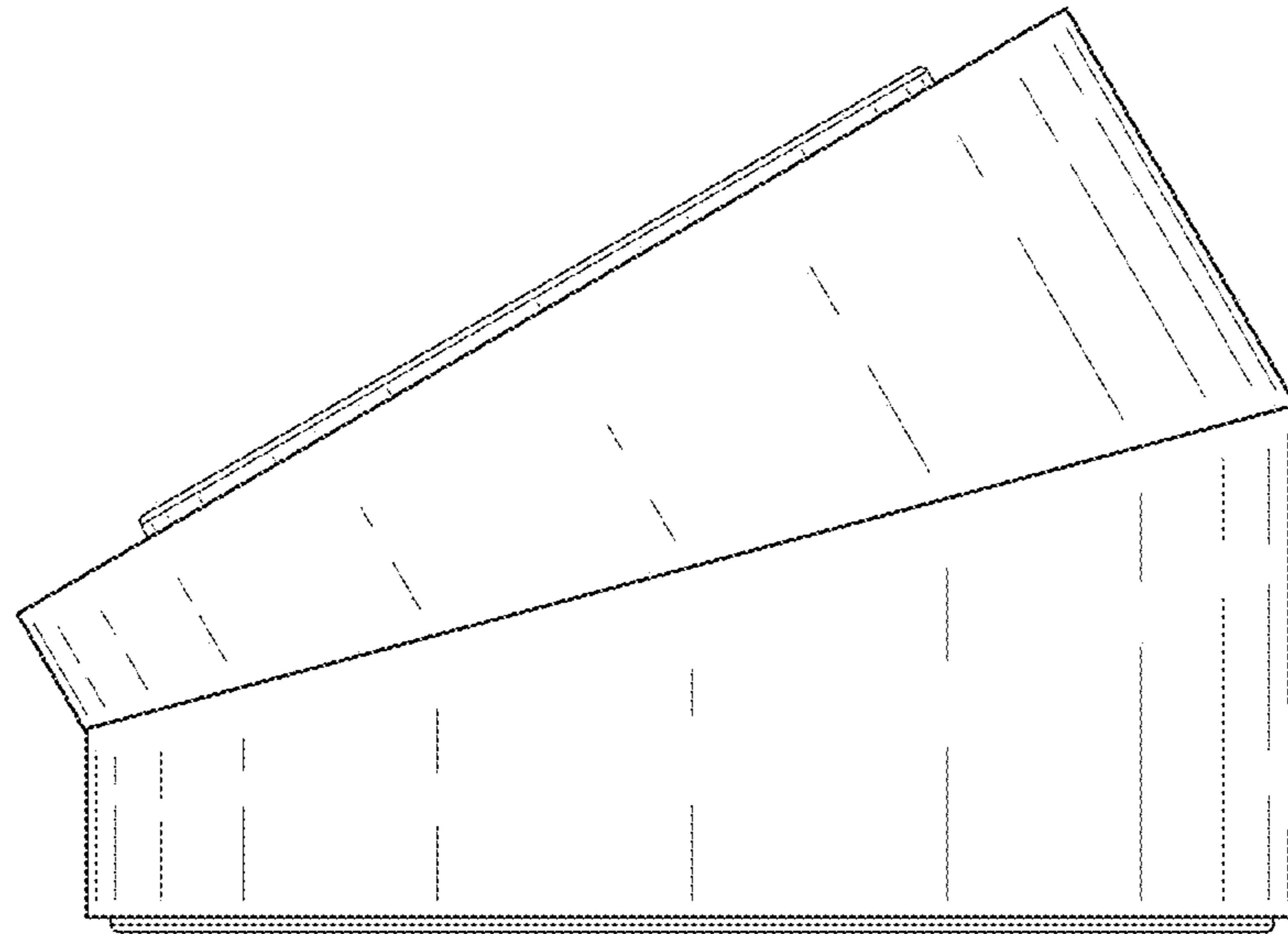


FIG. 10

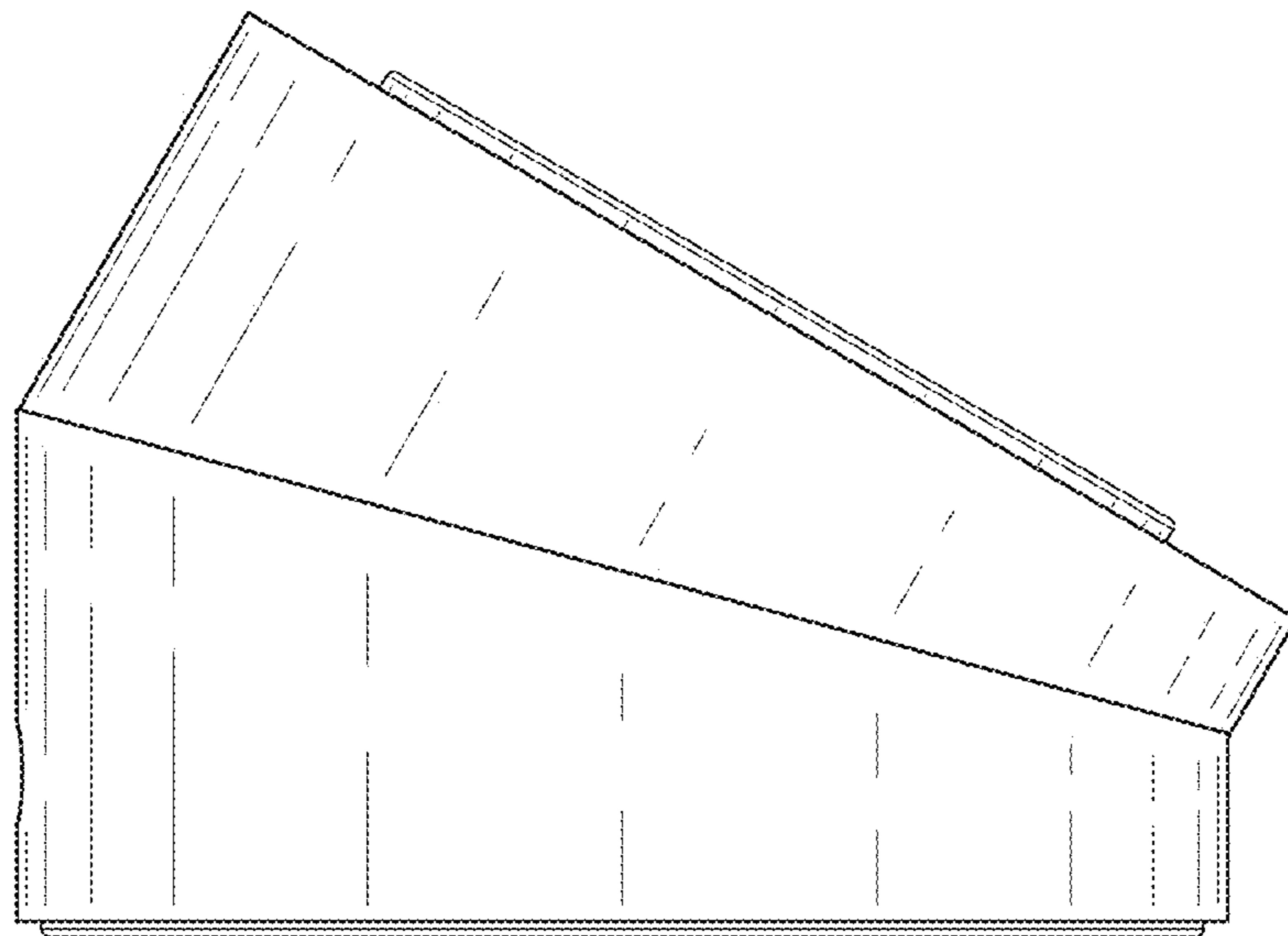


FIG. 11

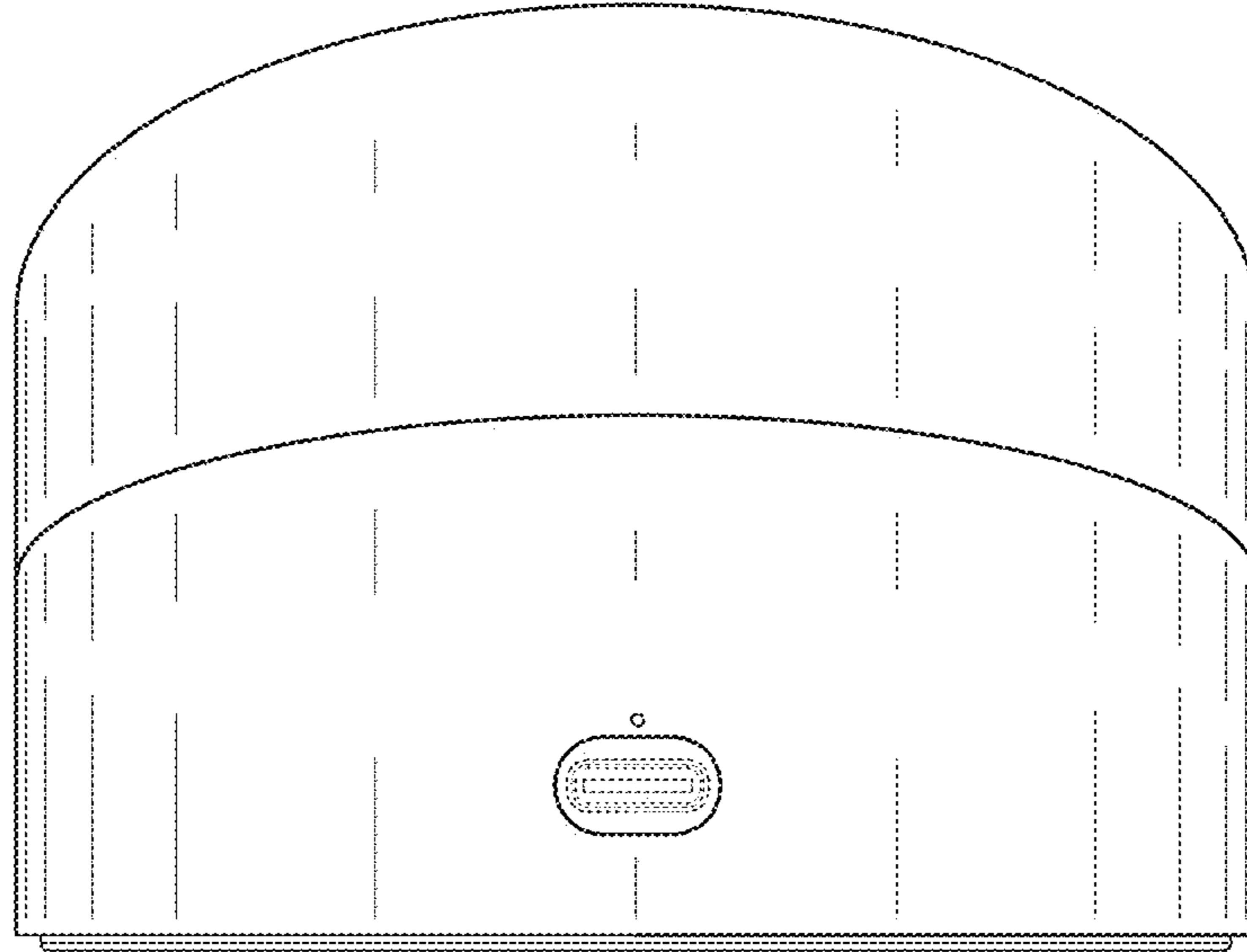


FIG. 12

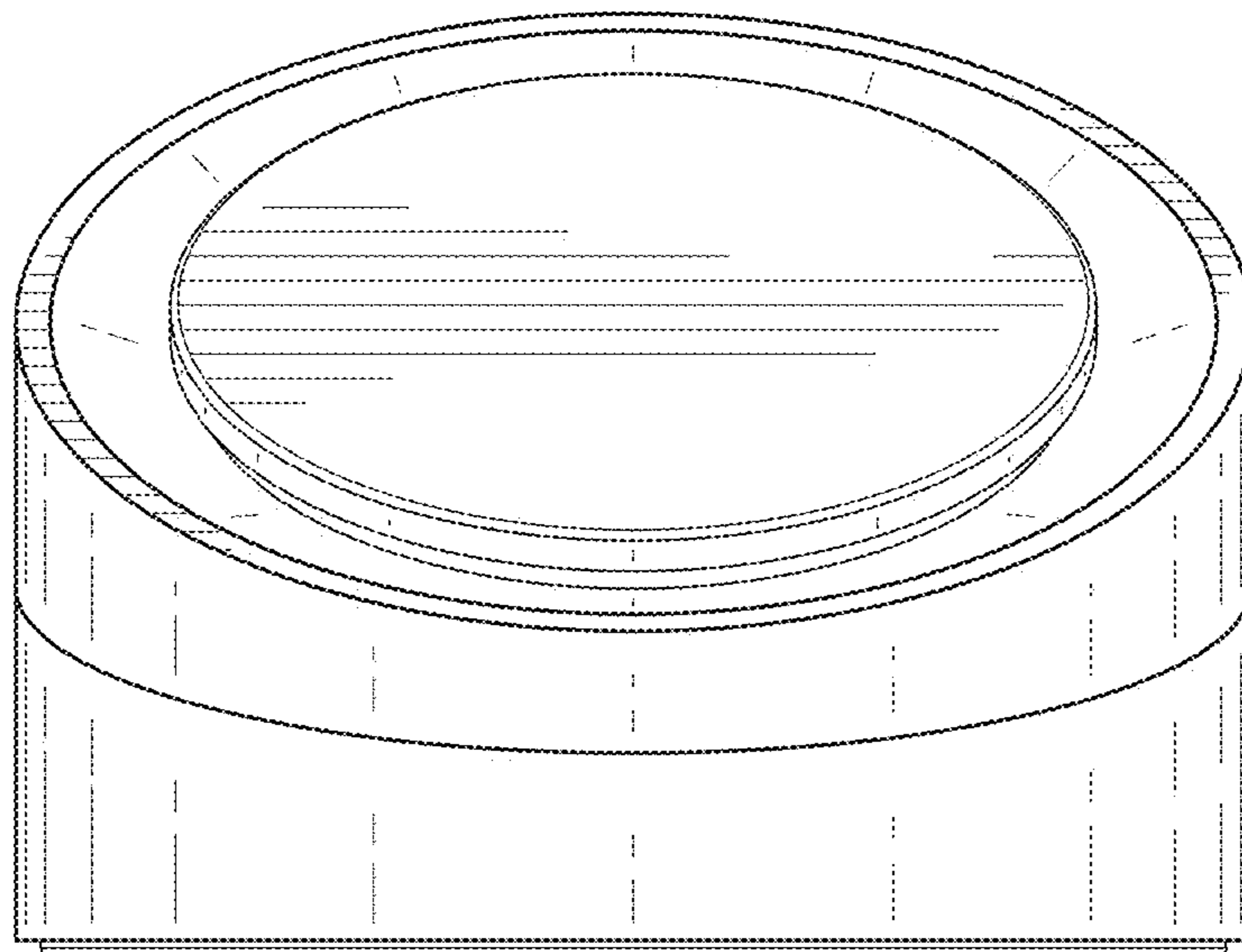


FIG. 13

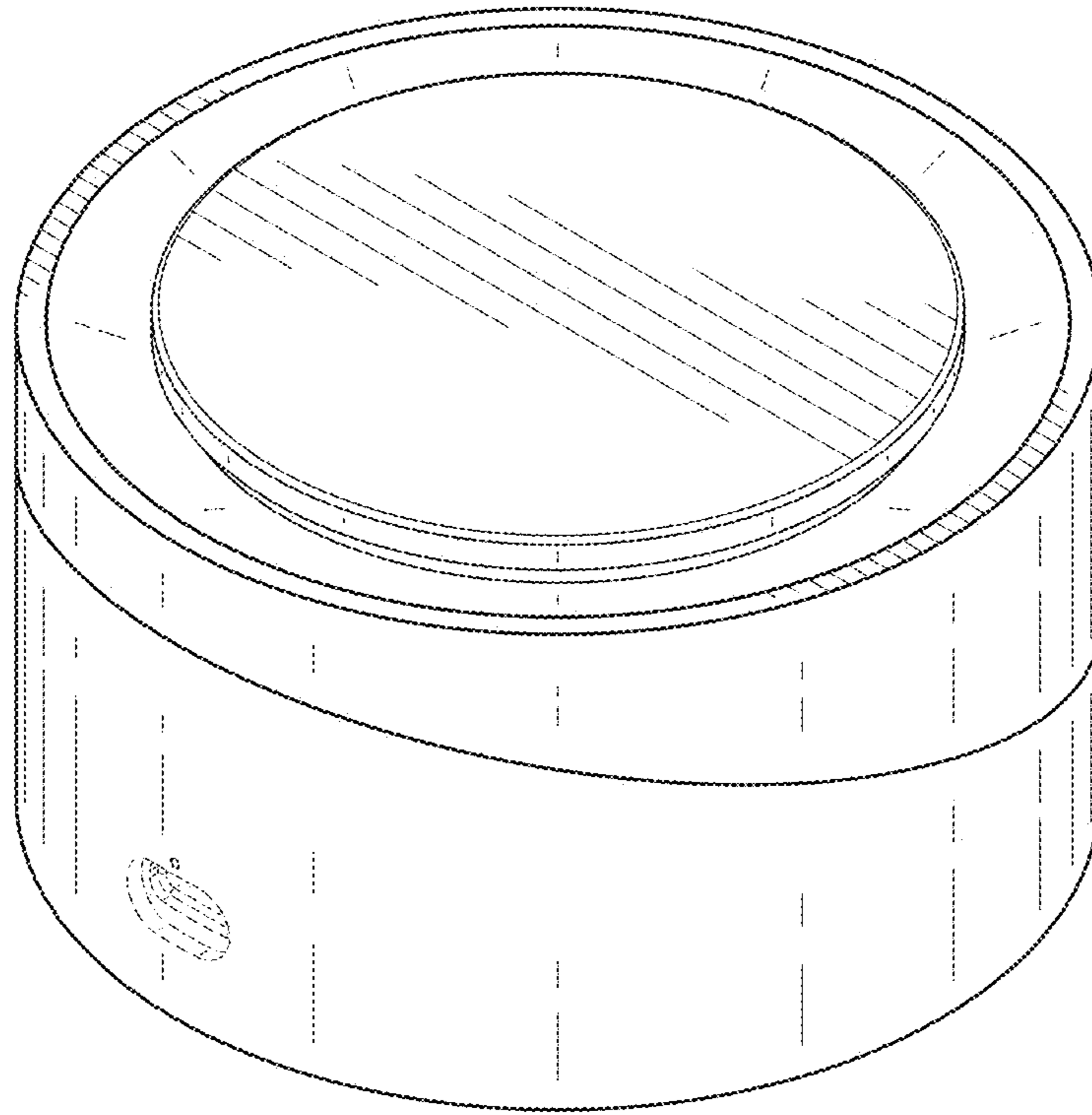


FIG. 14

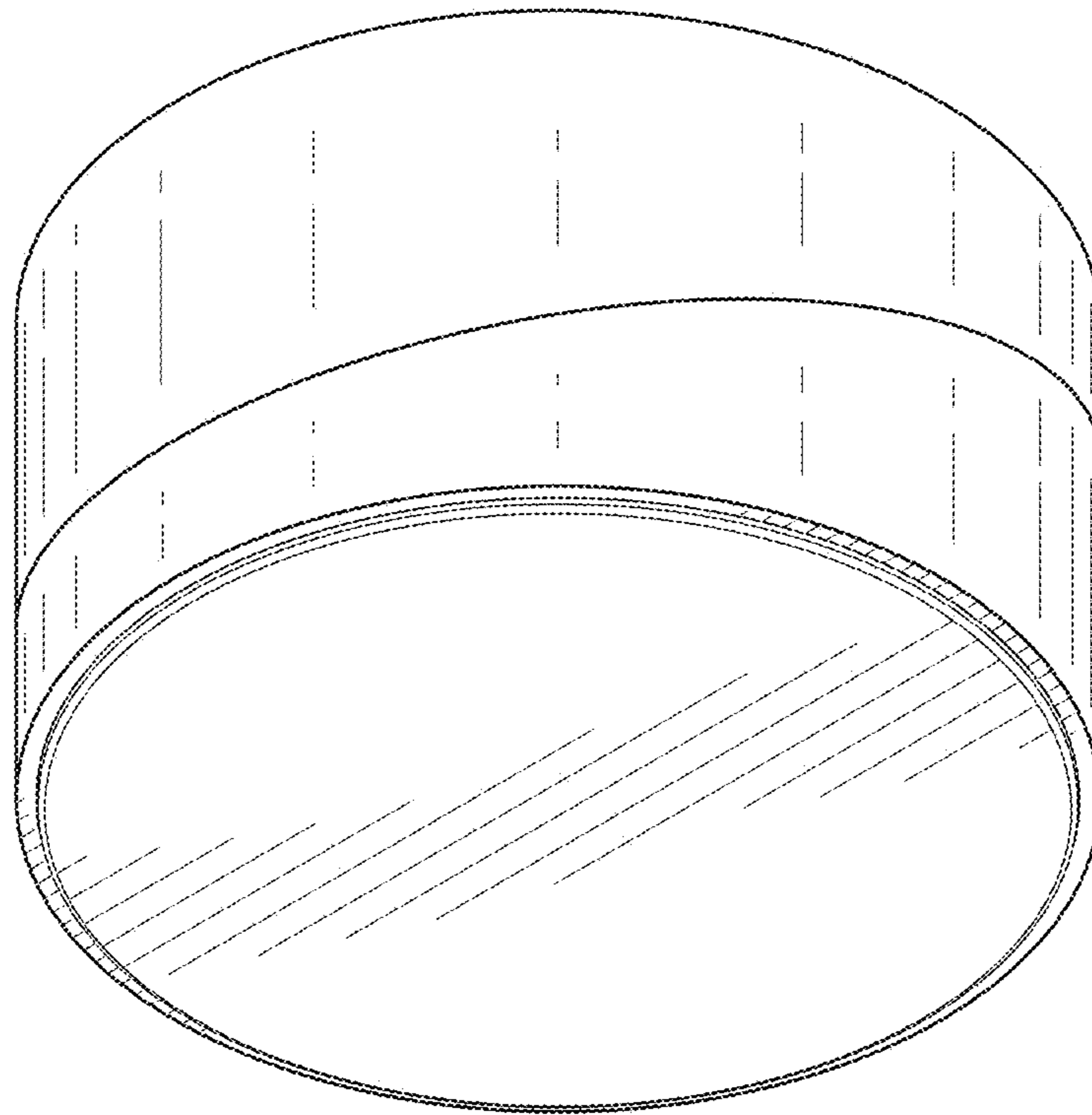


FIG. 15

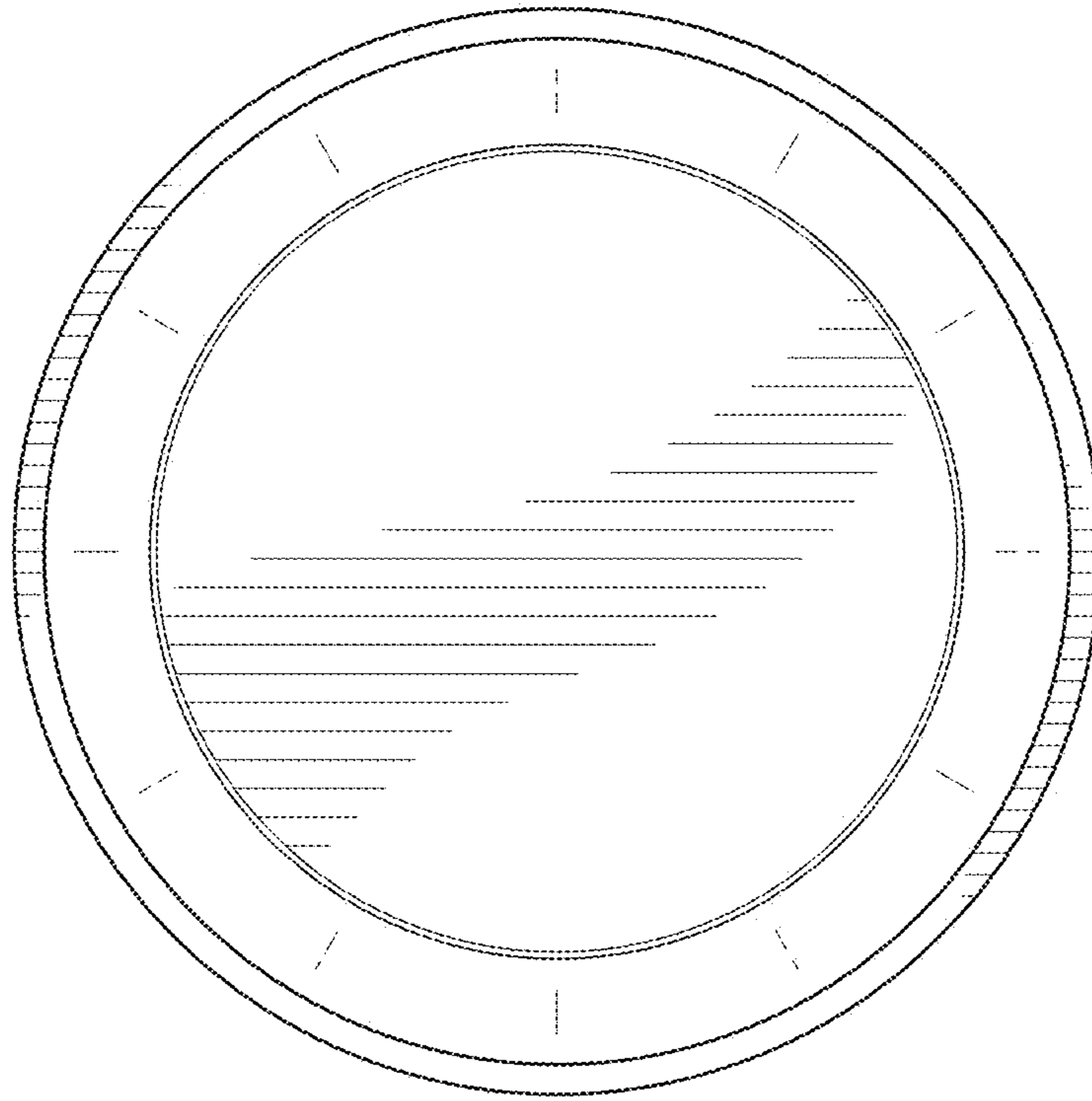


FIG. 16

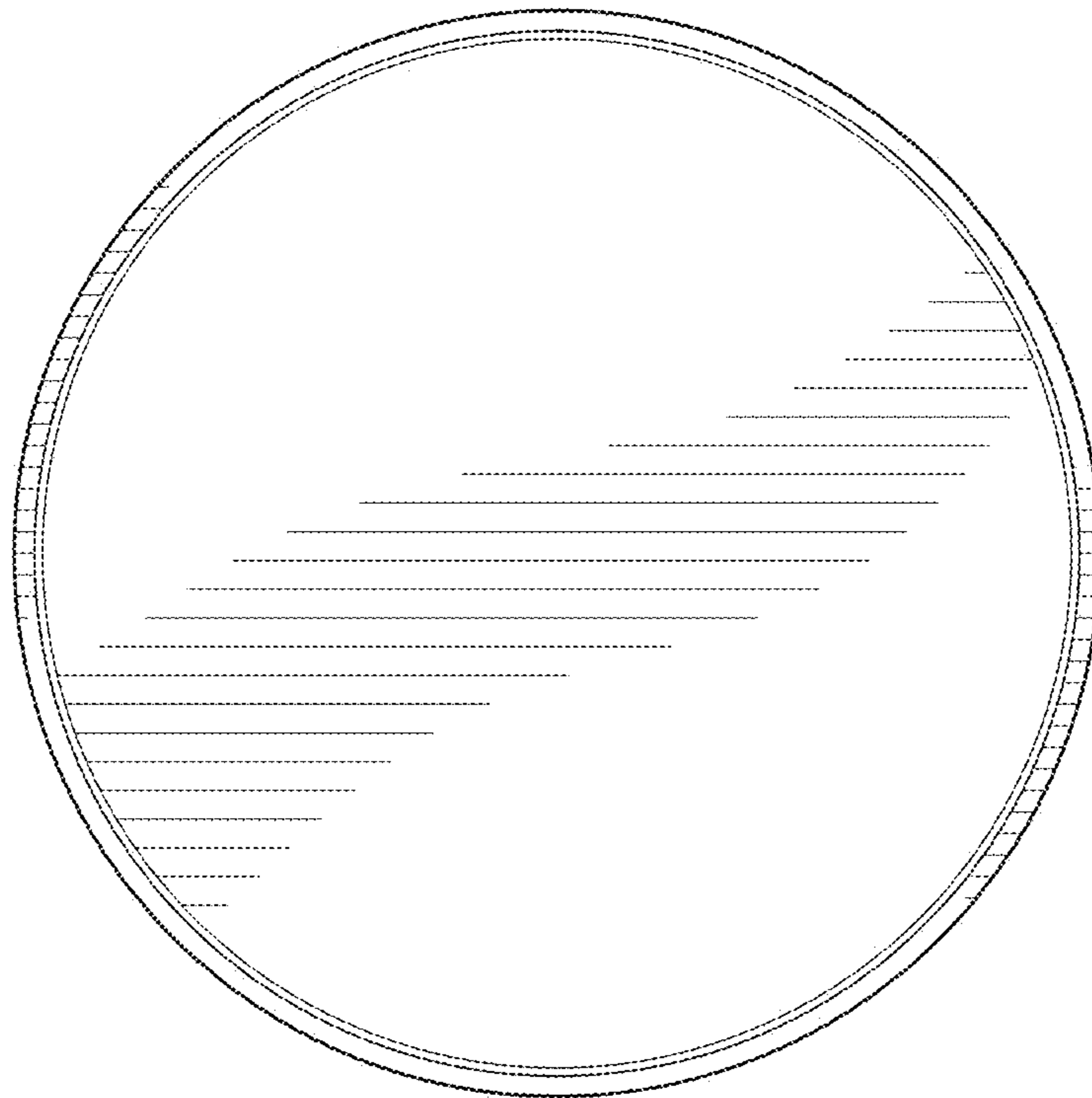


FIG. 17

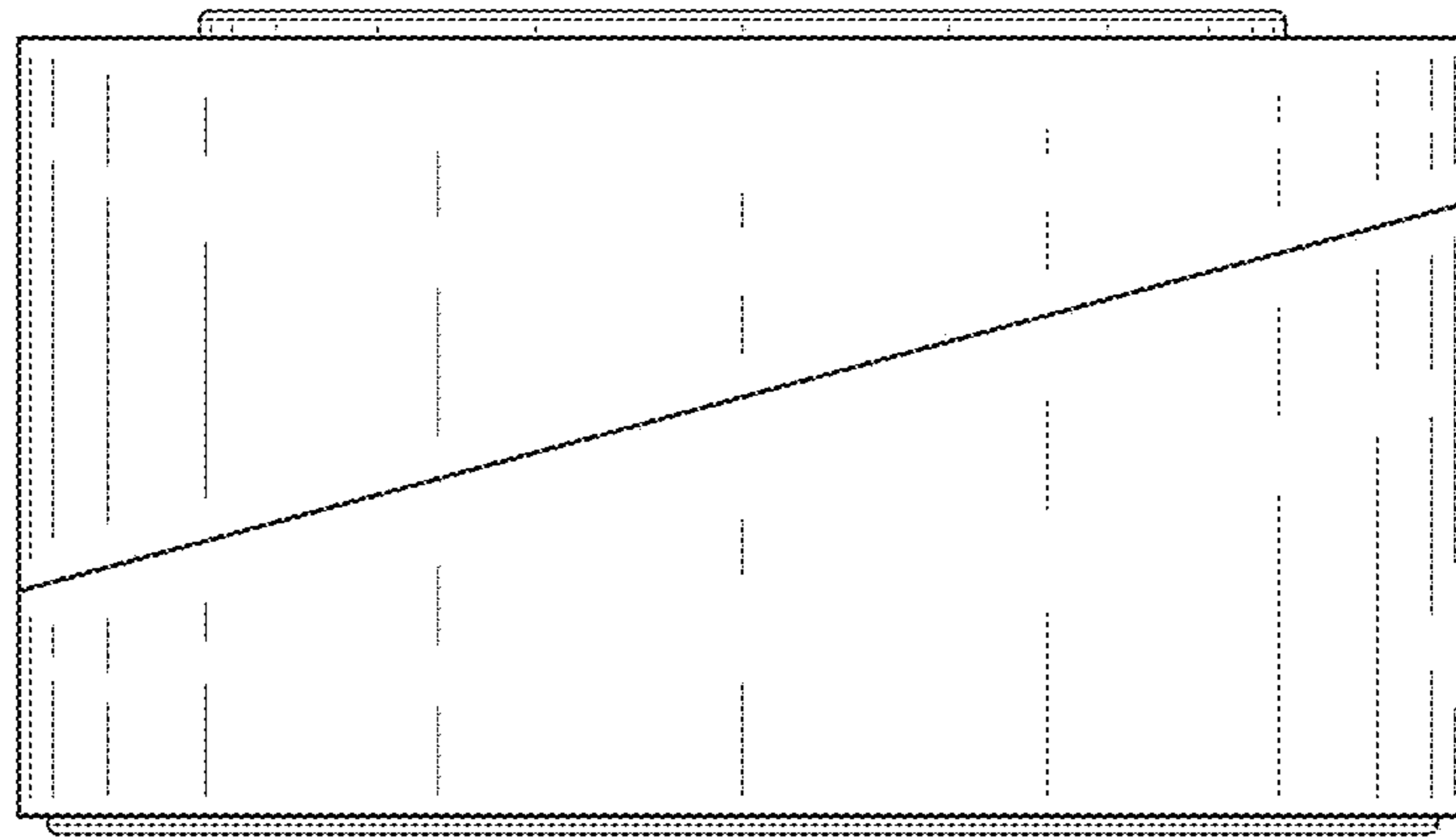


FIG. 18

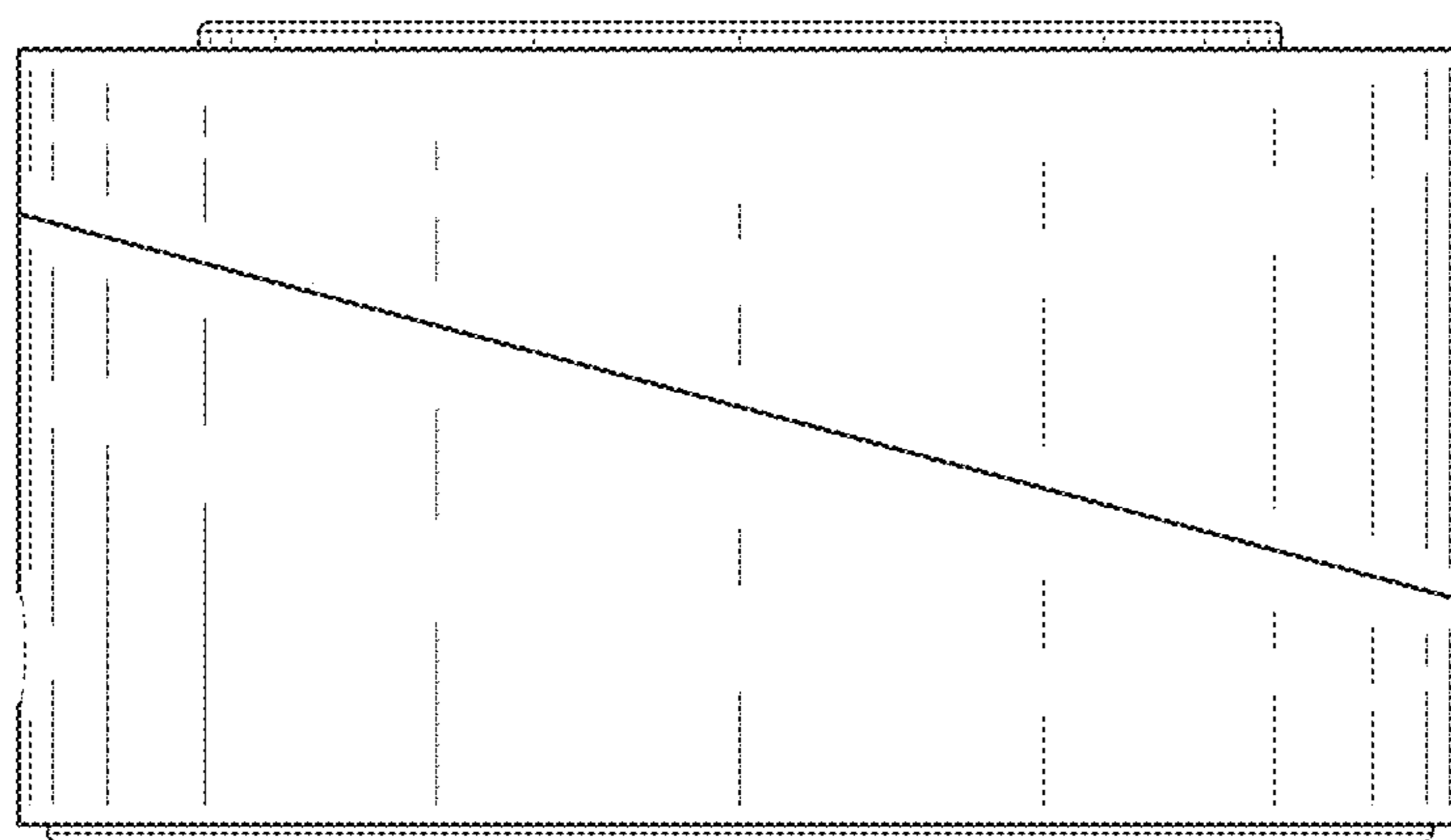


FIG. 19

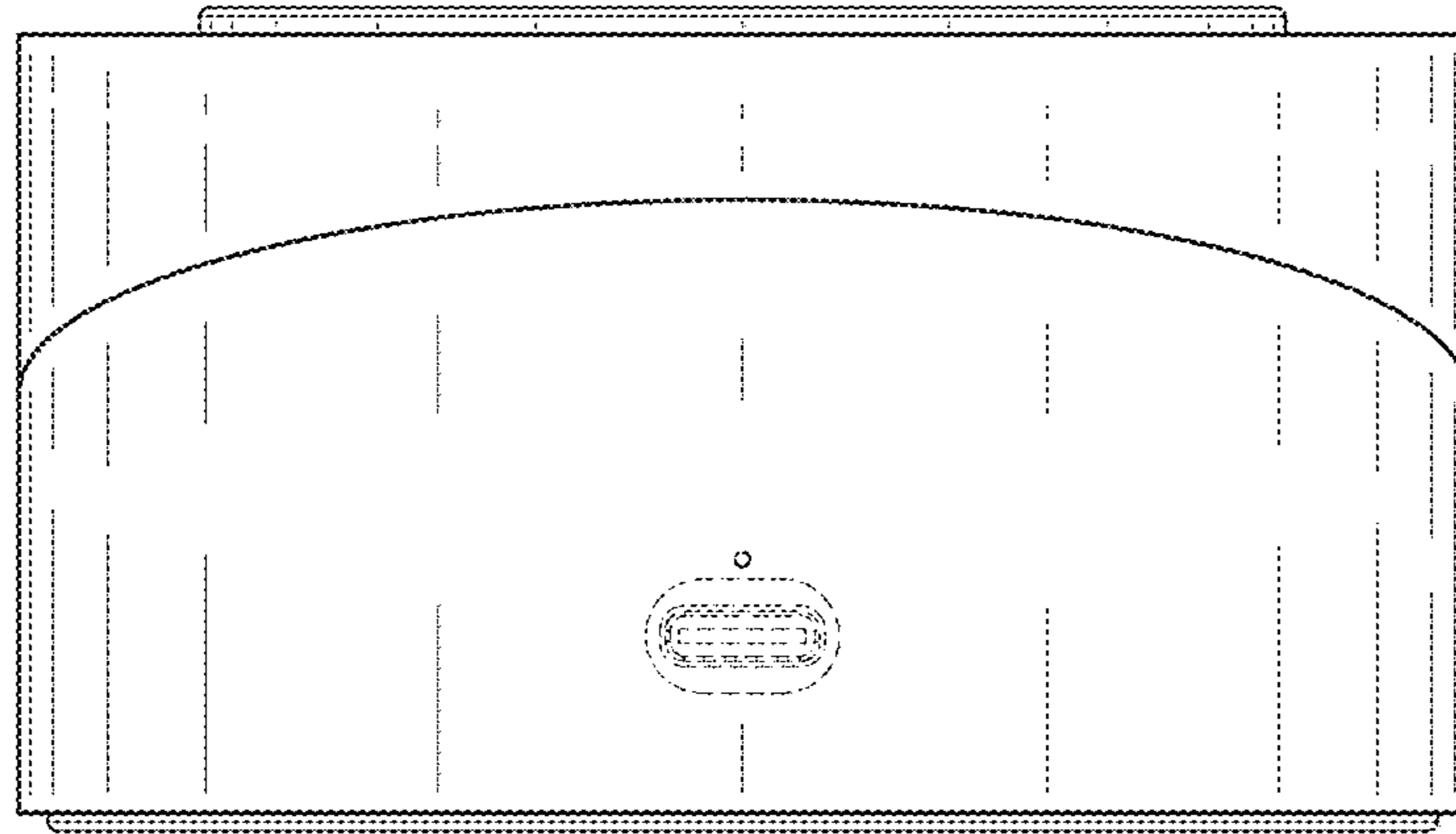


FIG. 20

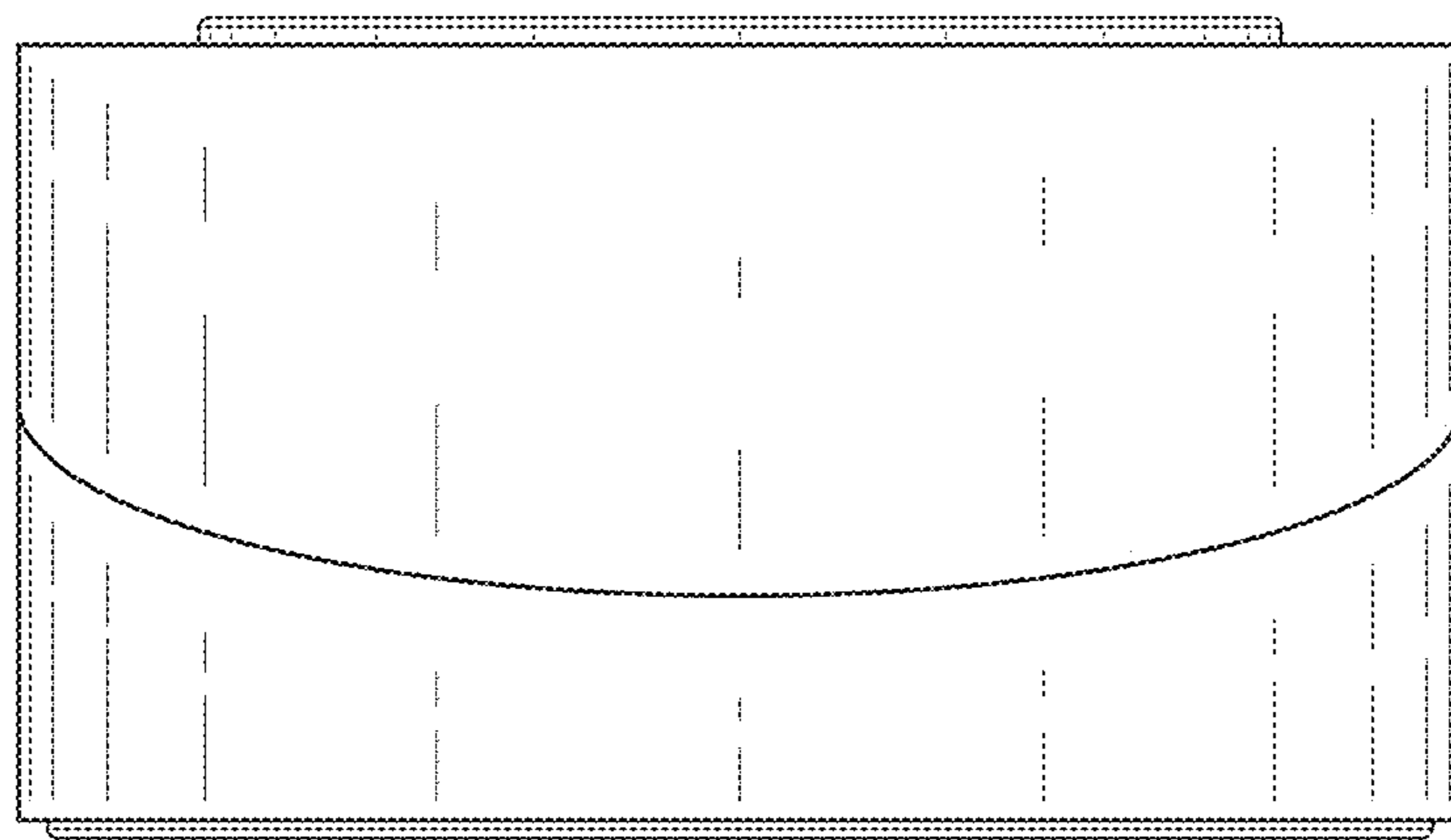


FIG. 21

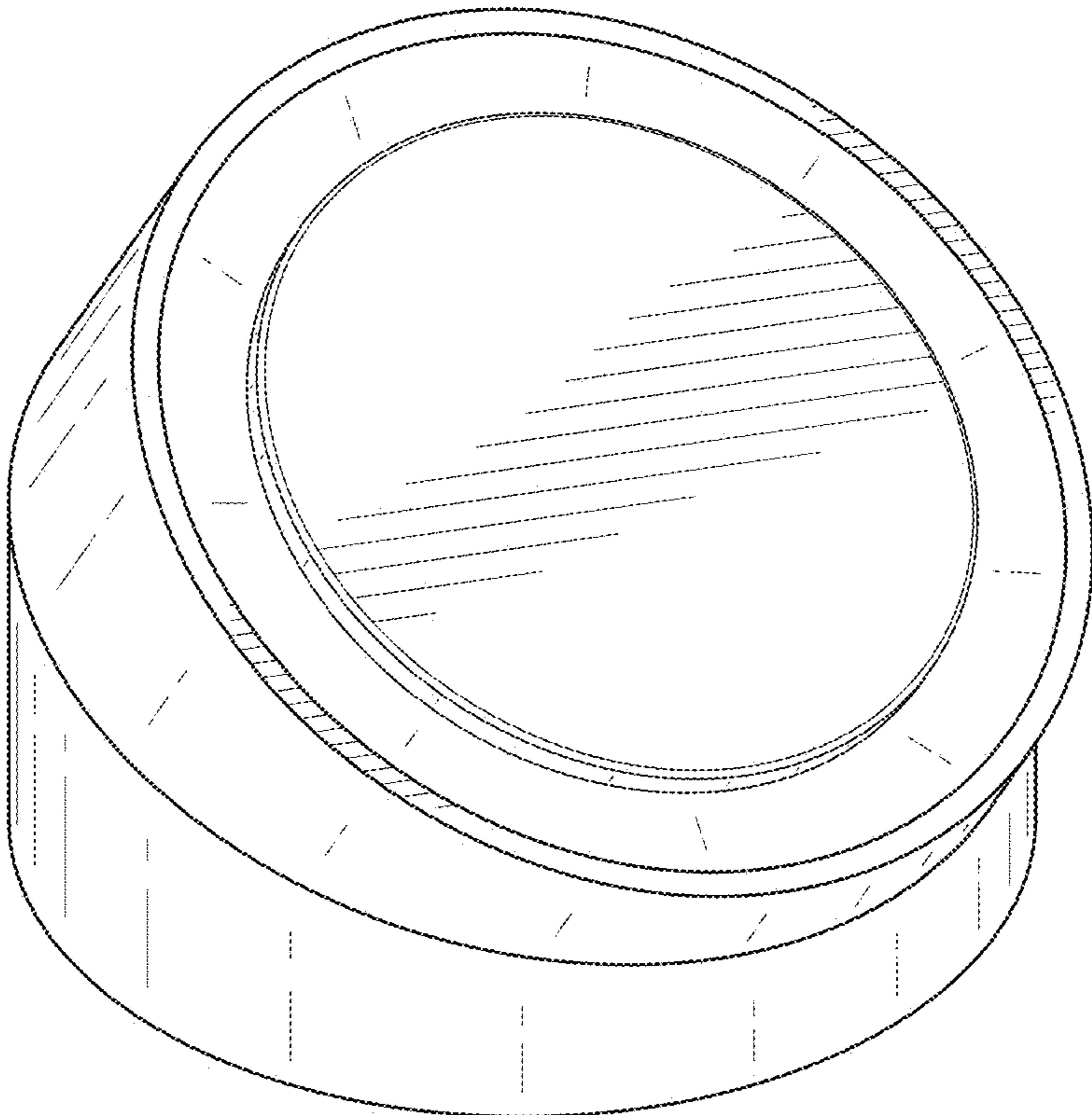


FIG. 22

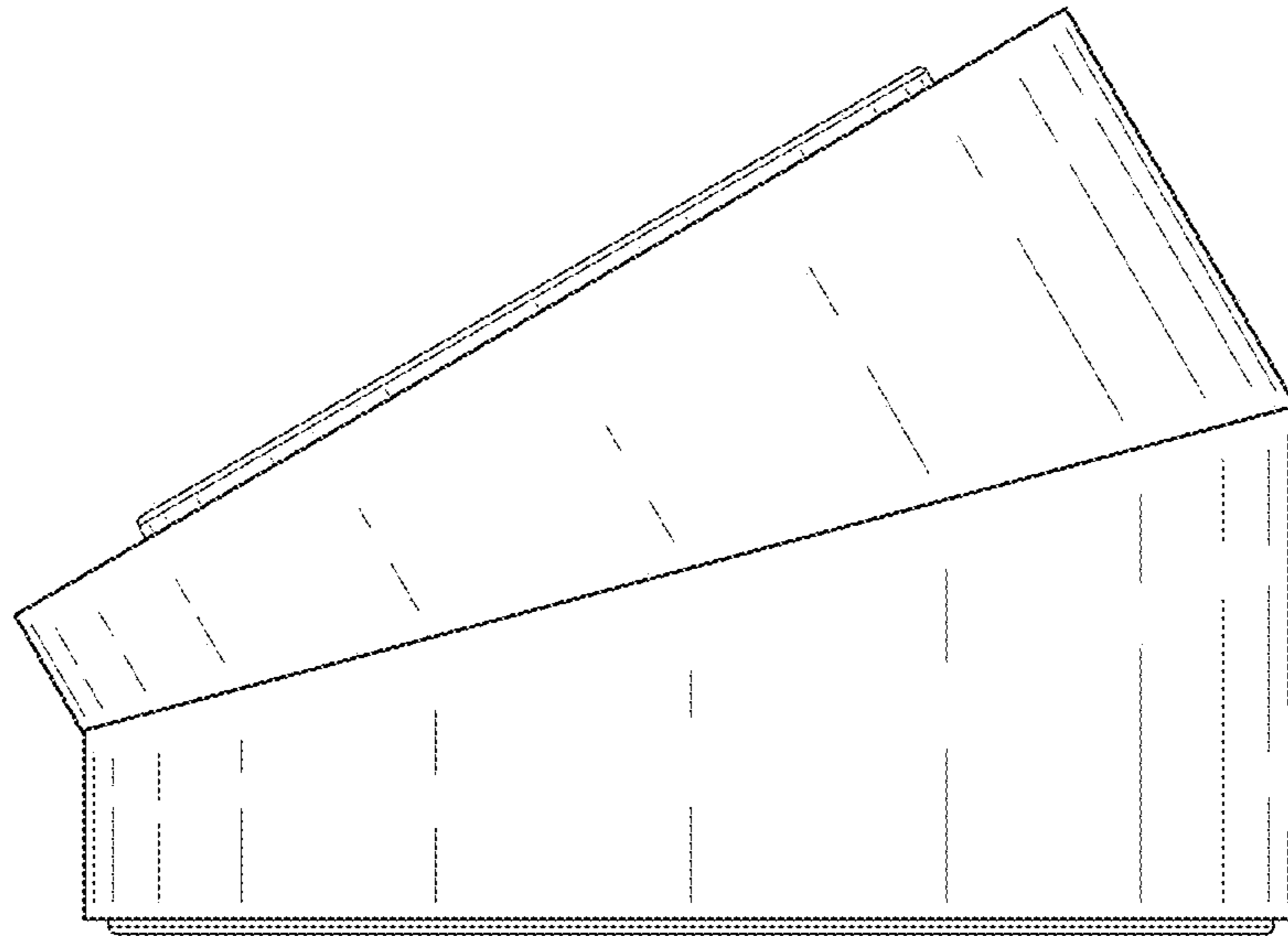


FIG. 23

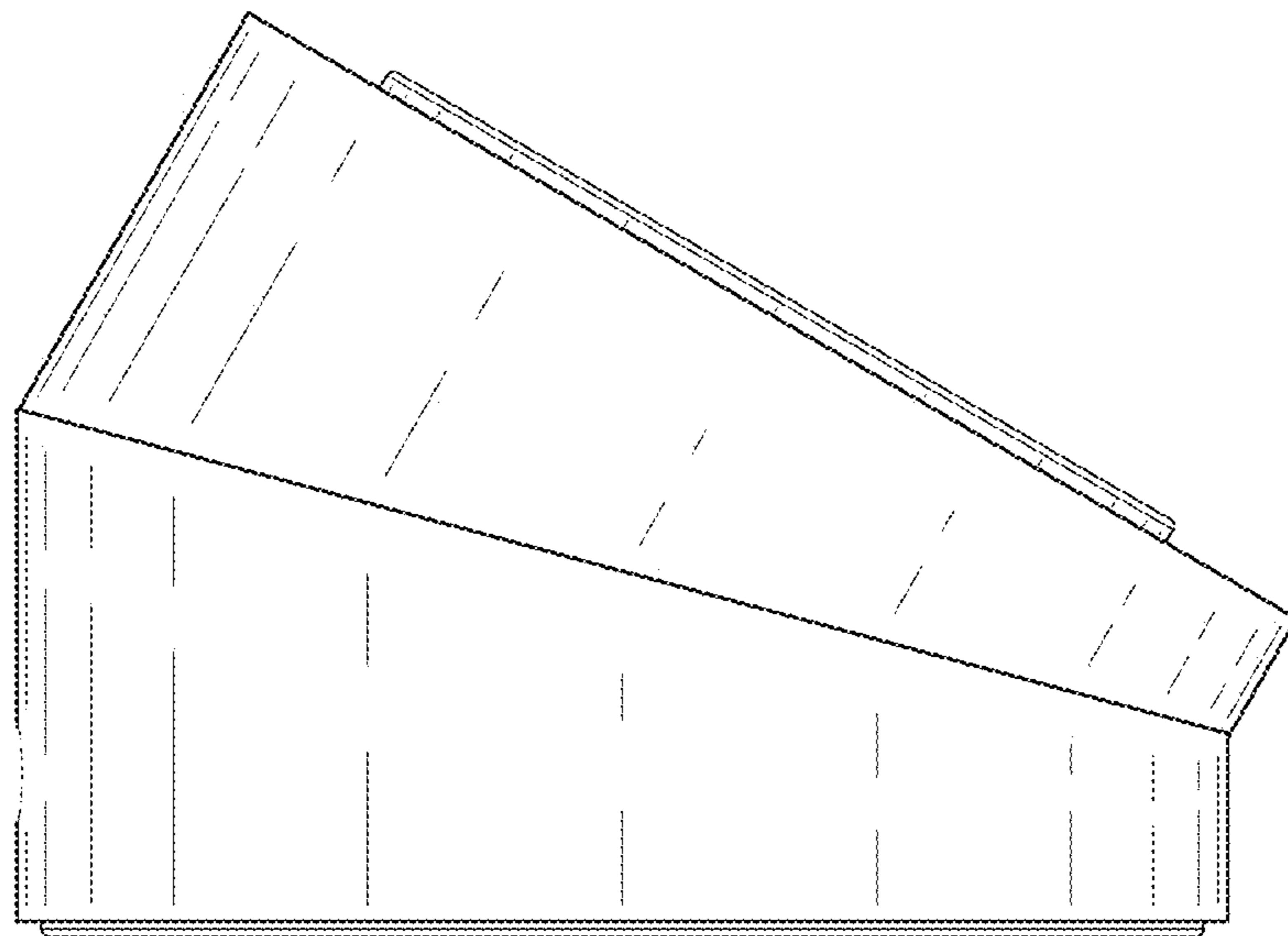


FIG. 24

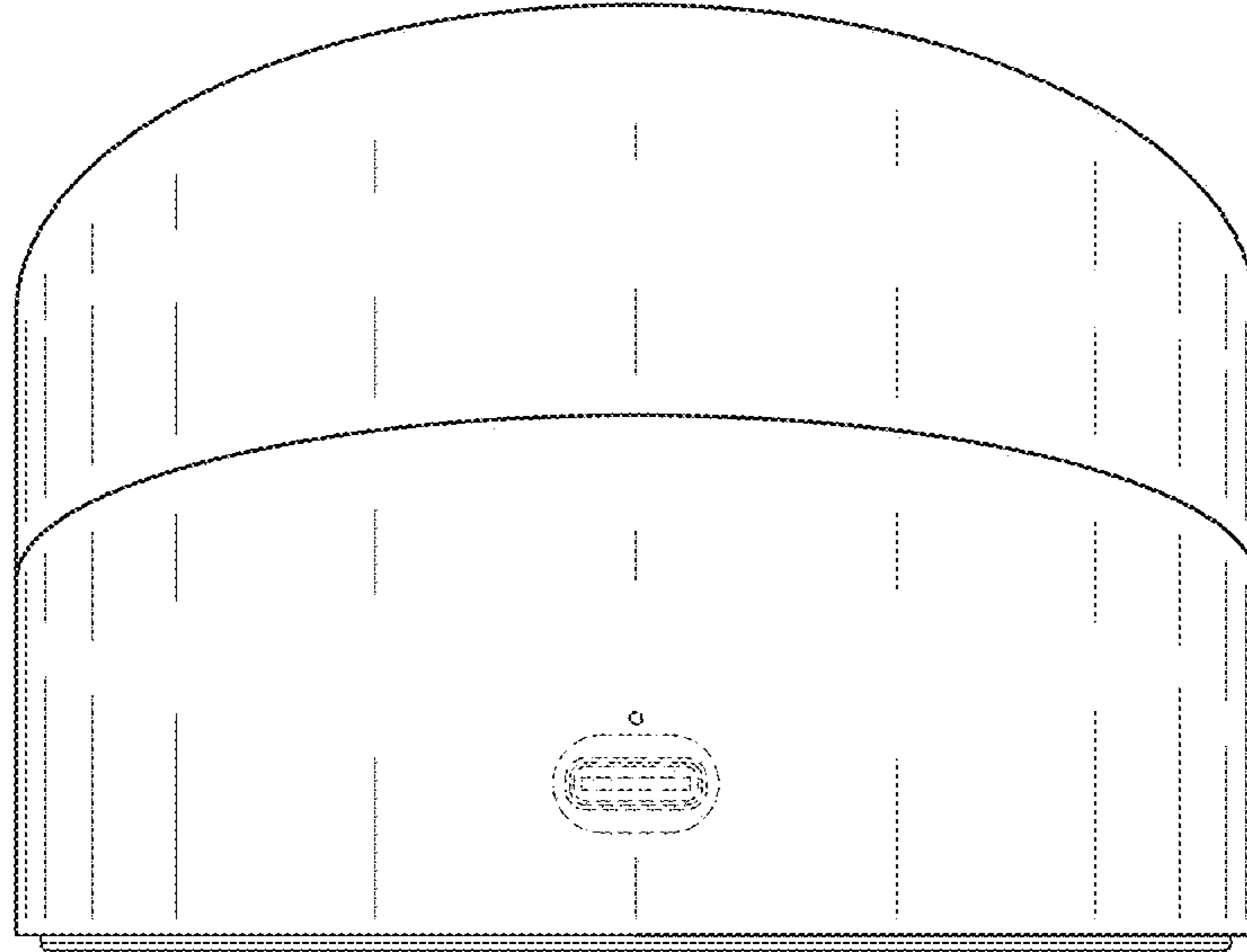


FIG. 25

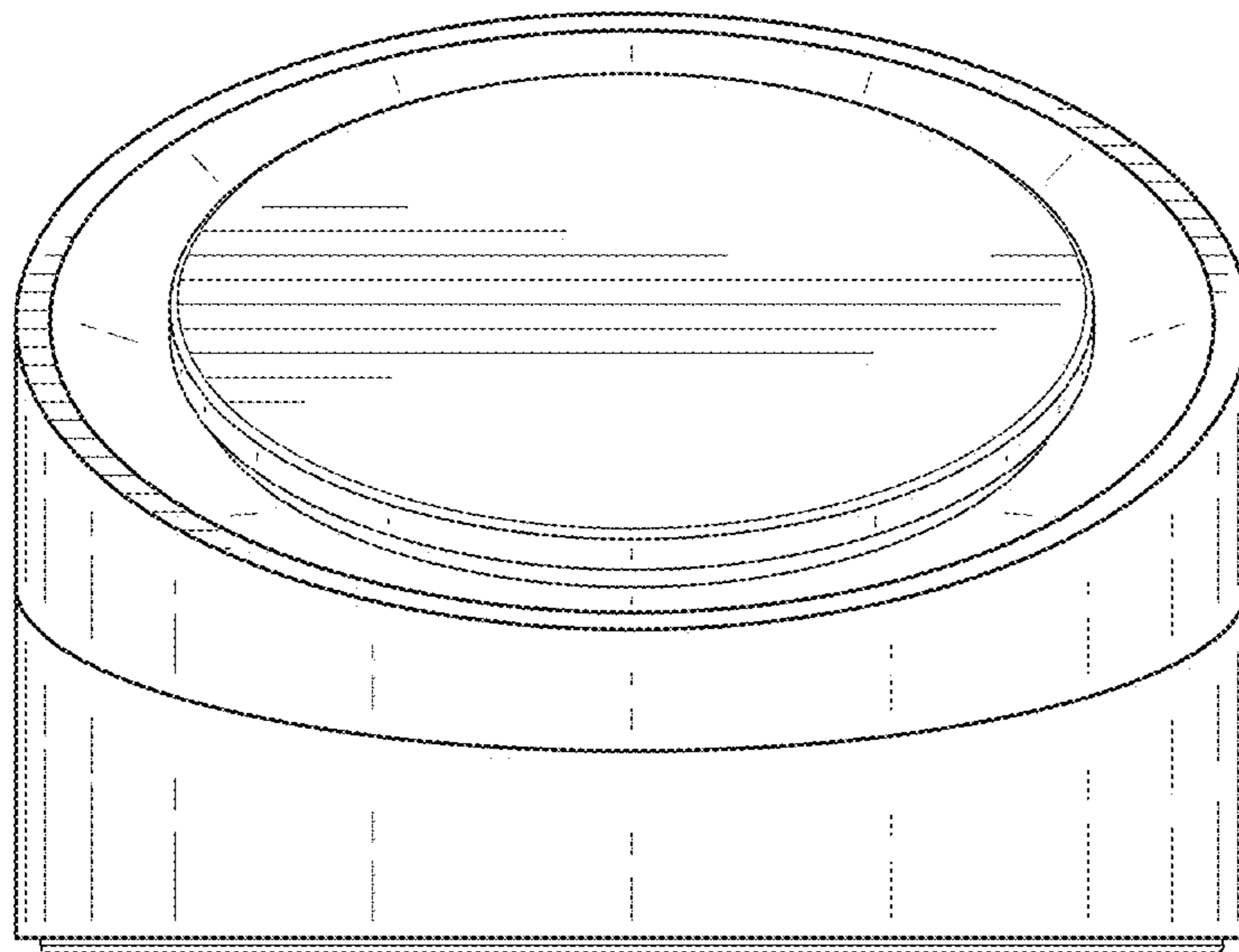


FIG. 26