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(12) **United States Design Patent** (10) **Patent No.:** **US D817,496 S**  
**Stirn et al.** (45) **Date of Patent:** \*\* **May 8, 2018**

(54) **HEART RATE SENSOR**(71) Applicant: **Motiv Inc.**, San Francisco, CA (US)(72) Inventors: **Andrew Stirn**, San Francisco, CA (US); **Curt C. von Badinski**, Valencia, CA (US); **Zachary Joseph Zeliff**, Taipei (TW); **Ting-Che Huang**, Taipei (TW)(73) Assignee: **Motiv Inc.**, San Francisco, CA (US)(\*\*) Term: **15 Years**(21) Appl. No.: **29/573,393**(22) Filed: **Aug. 5, 2016**(51) LOC (11) Cl. .... **24-01**

(52) U.S. Cl.

USPC ..... **D24/167**(58) **Field of Classification Search**USPC ..... D10/30–39, 65, 70, 75, 78, 97, 98, 103; D14/138 R, 203.5, 247, 338–340, 344, D14/346, 347; D24/165–168, 186, 187, D24/107, 200; D11/3; D13/173–177  
CPC ..... G04B 19/00–19/34; G04B 21/12; G04B 23/12; G04B 37/00–37/228; G04B 47/00–47/068; G01C 17/00; G01C 21/00–21/3697; G01C 22/00–22/025; G01C 23/00; G06F 19/3481; G06F 3/00–3/027

See application file for complete search history.

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Primary Examiner — Anhdao Doan

Assistant Examiner — Mary Malley

(74) Attorney, Agent, or Firm — JCIPRNET

(57)

## CLAIM

The ornamental design for a heart rate sensor, as shown and described.

## DESCRIPTION

FIG. 1 is a perspective view of a heart rate sensor showing our new design;

FIG. 2 is a front view thereof, the rear view being a mirror image thereof;

FIG. 3 is a left side view thereof;

FIG. 4 is a right side view thereof;

FIG. 5 is a top view thereof;

FIG. 6 is a bottom view thereof;

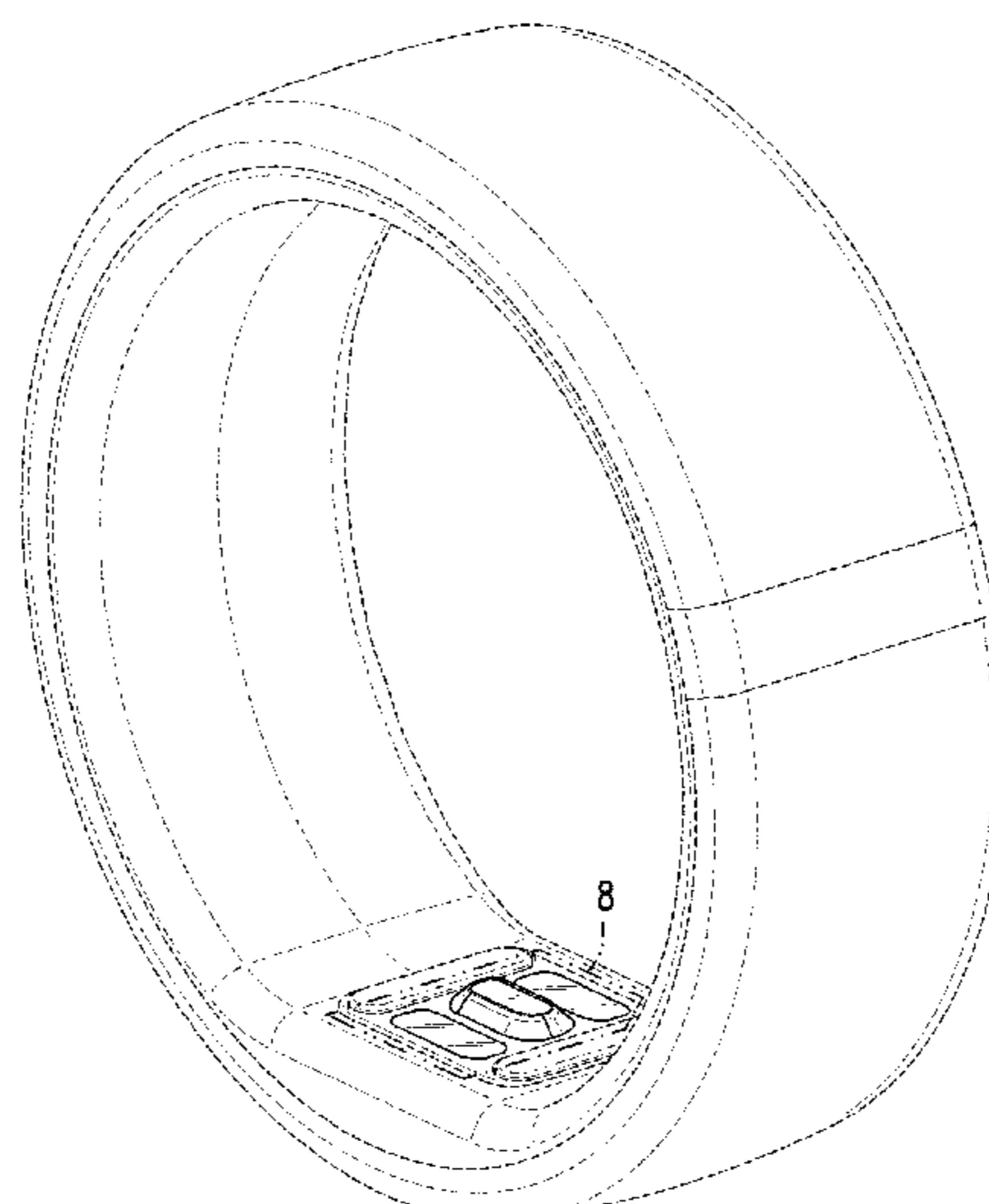
FIG. 7 is a cross-sectional view taken along line 7-7 in FIG.

2 with the internal parts omitted;

FIG. 8 is an enlarged view of an indicated portion shown in rectangle 8 of FIG. 1; and,

FIG. 9 is an enlarged view of an indicated portion shown in rectangle 9 of FIG. 7.

The dash-dash broken lines show portions of the heart rate sensor that form no part of the claimed design. The dot-dot-dash lines are for the sole purpose of indicating the portions of the figures which are shown enlarged in FIG. 8 and FIG. 9.

**1 Claim, 5 Drawing Sheets**

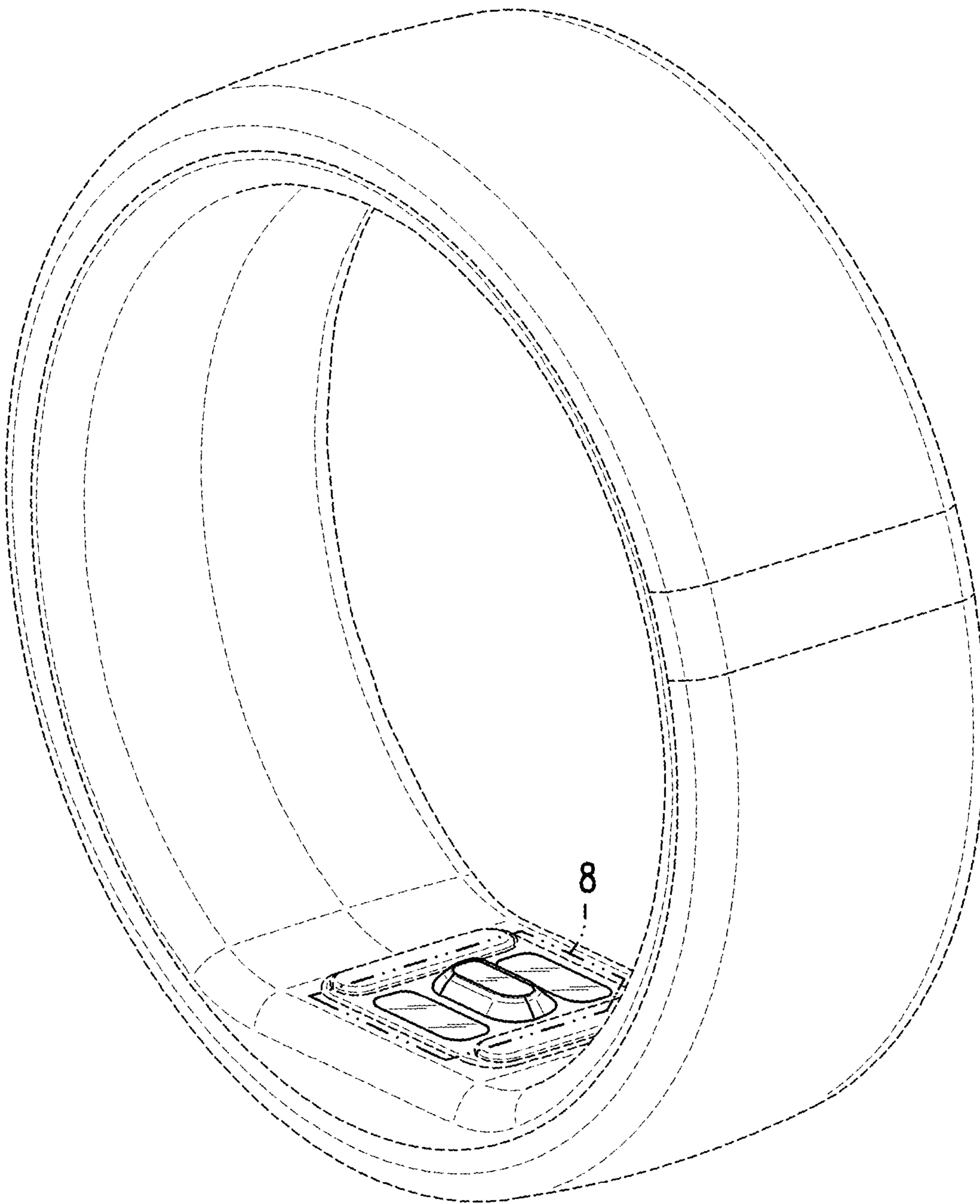
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**FIG. 1**

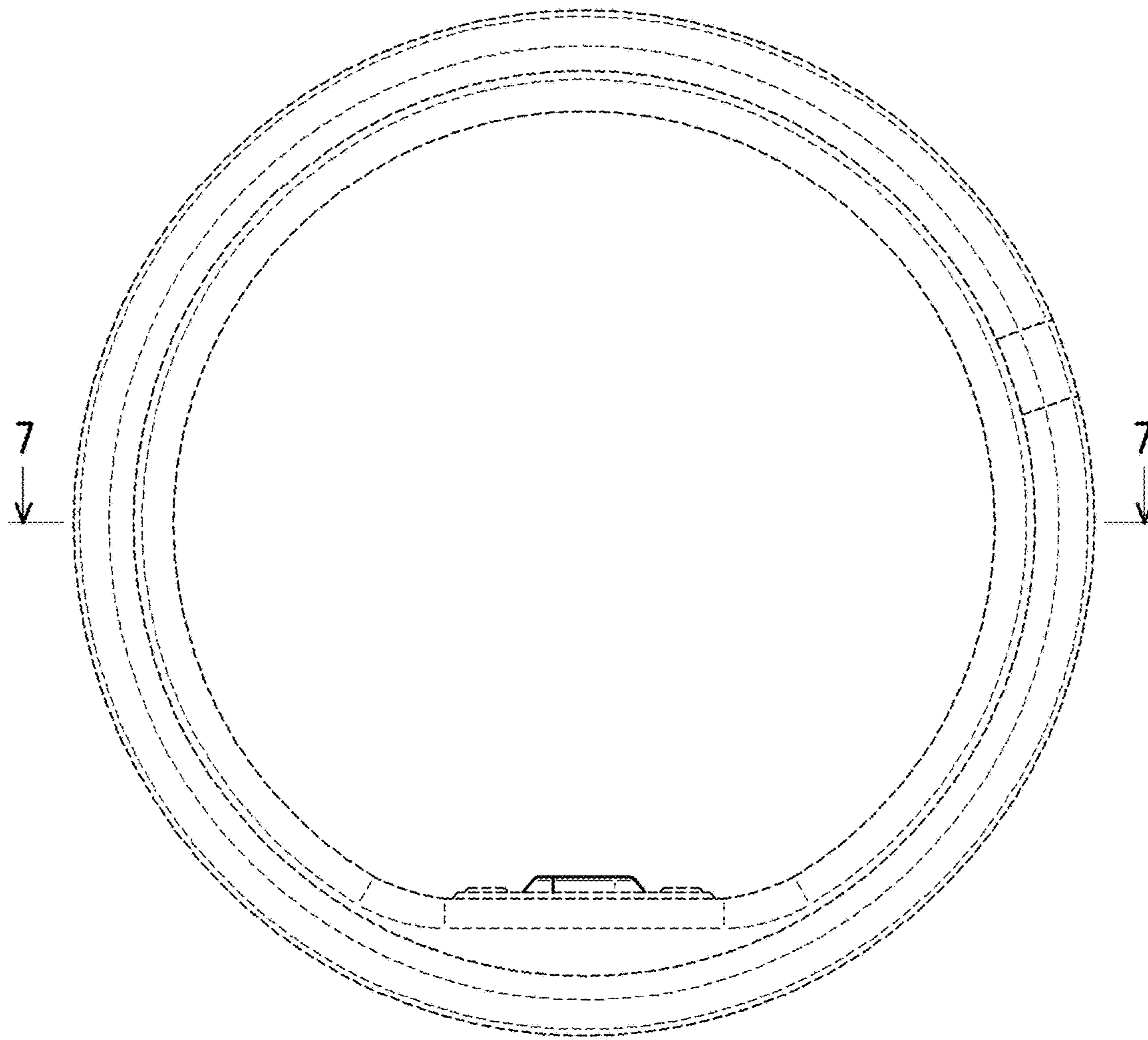
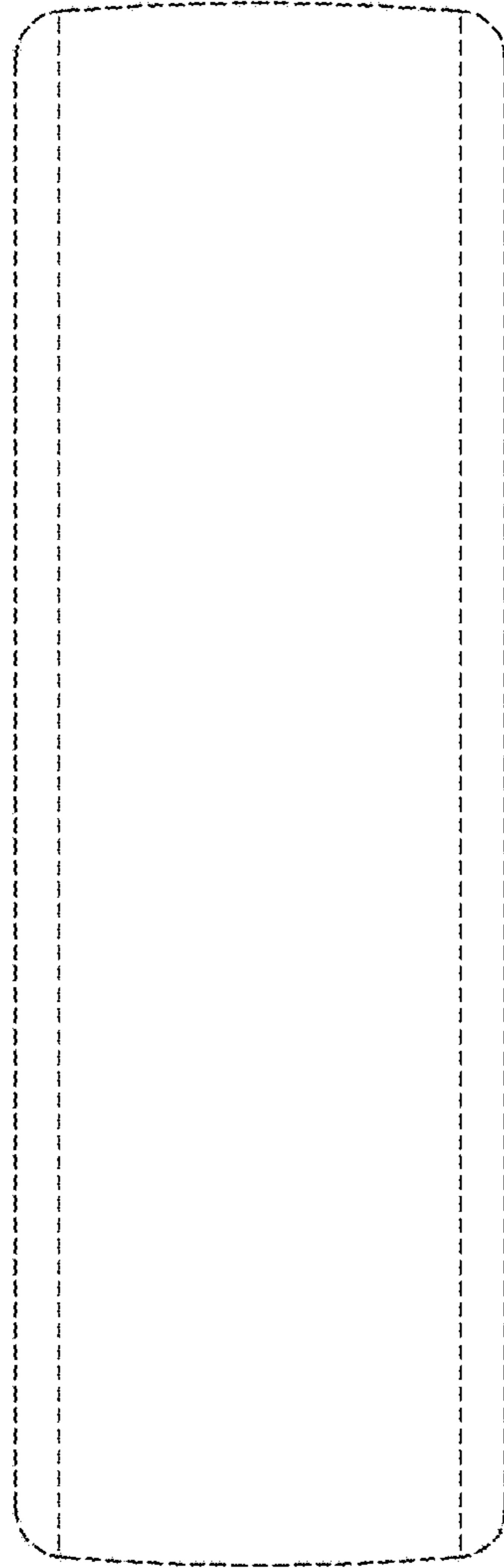
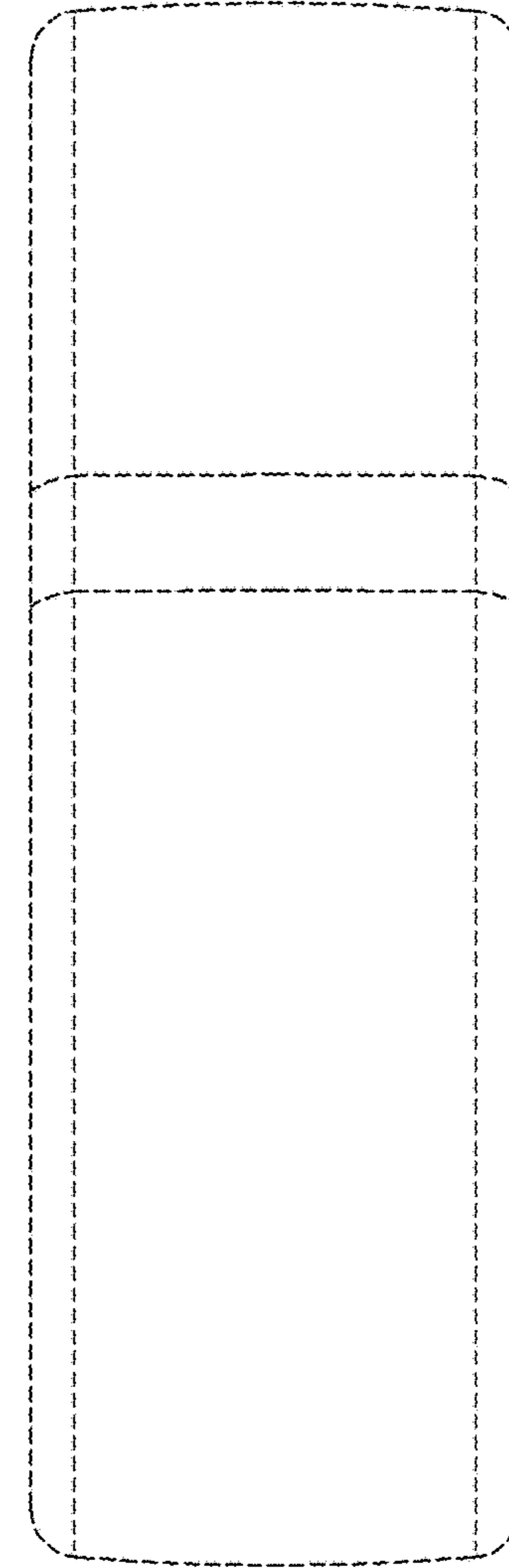


FIG. 2



**FIG. 3**



**FIG. 4**



FIG. 5

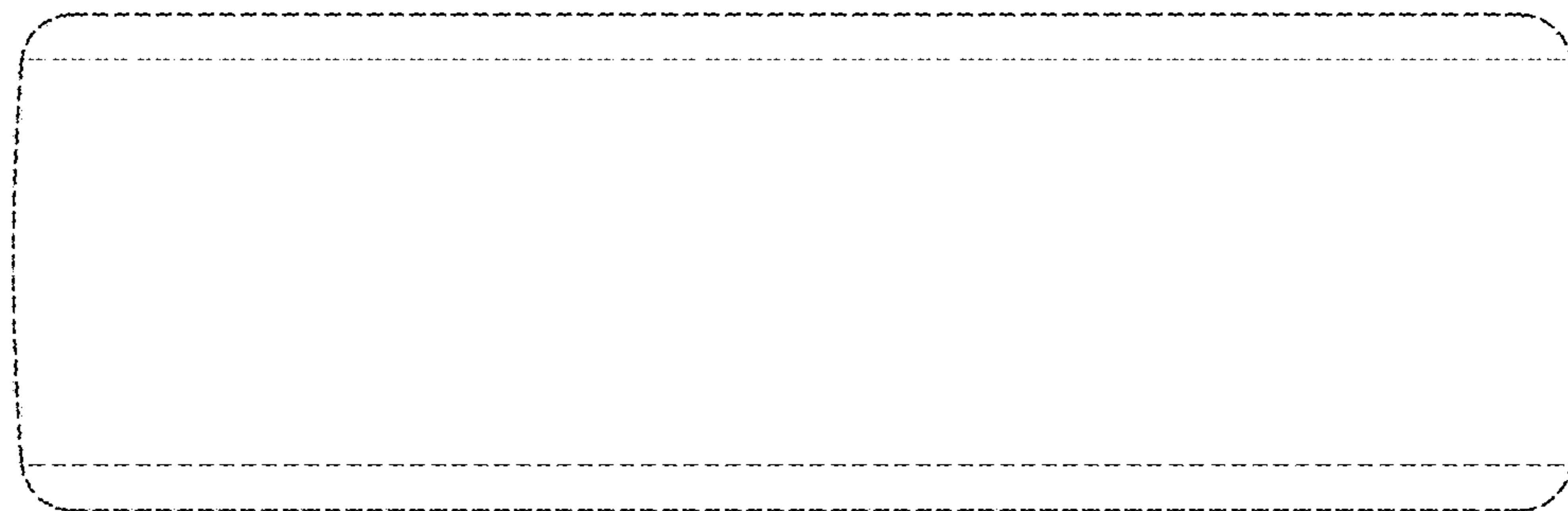


FIG. 6

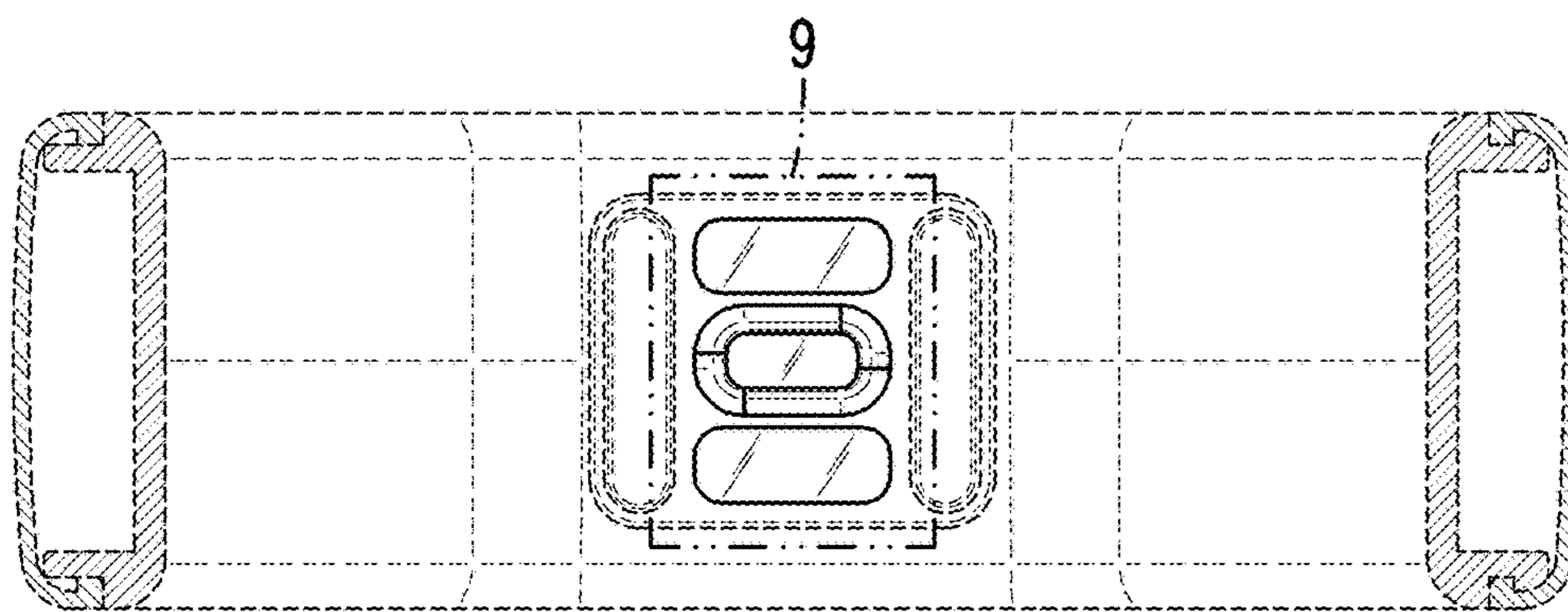


FIG. 7

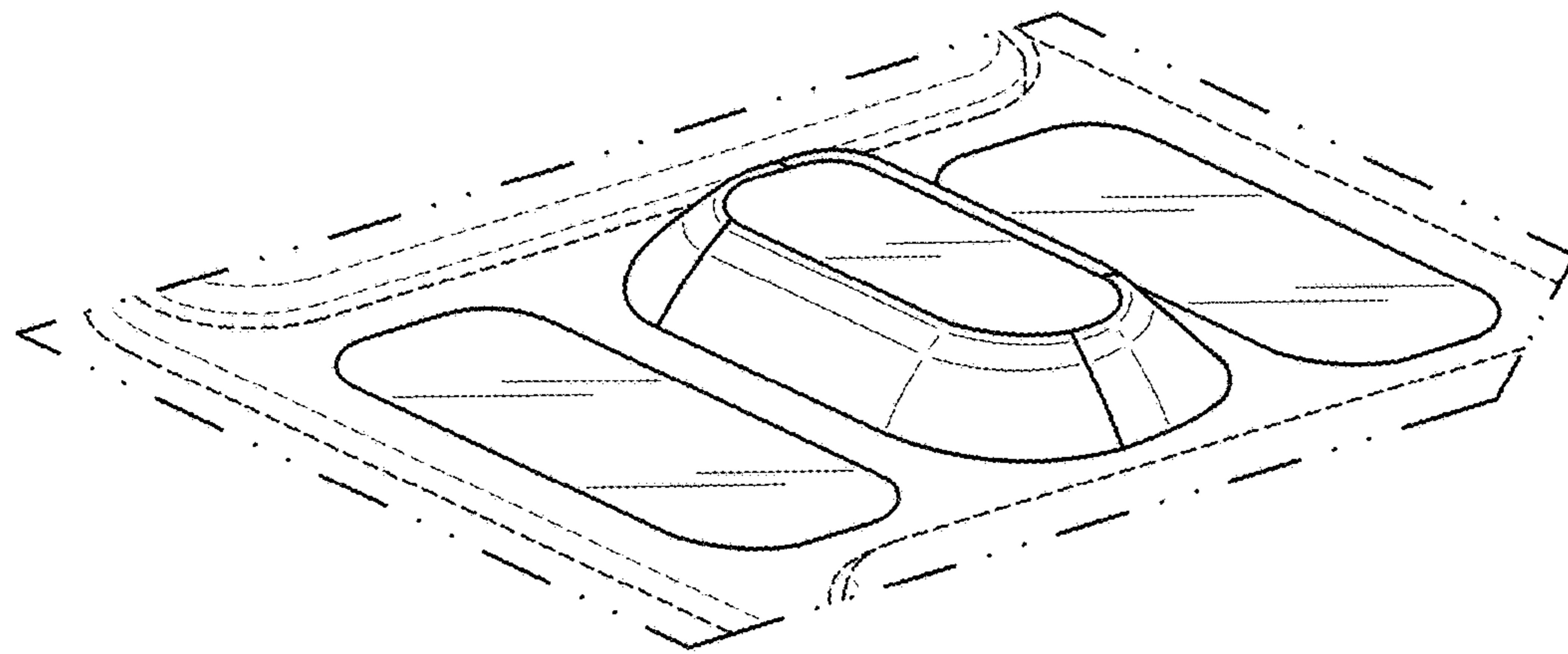


FIG. 8

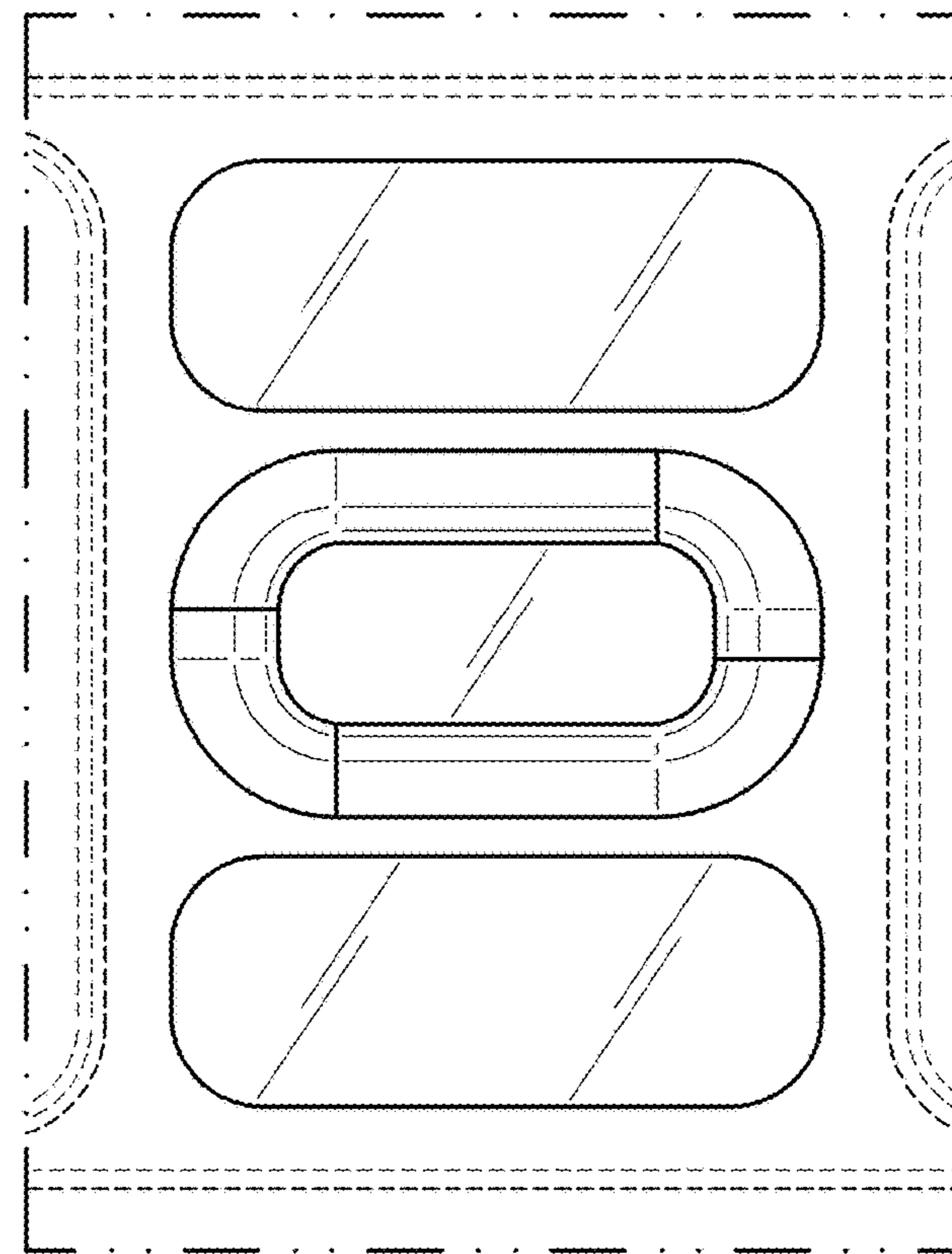


FIG. 9