



US00D831223S

(12) **United States Design Patent** (10) **Patent No.:** **US D831,223 S**
Tremblay et al. (45) **Date of Patent:** **** Oct. 16, 2018**

(54) **FILTRATION SYSTEM**

(71) Applicant: **Charles River Laboratories, Inc.**,
Wilmington, MA (US)

(72) Inventors: **Jason Tremblay**, Mount Pleasant, SC
(US); **Dana M. Nutter**, Charleston, SC
(US); **Elizabeth Mills**, Charleston, SC
(US); **Luca Nicoli**, Mount Pleasant, SC
(US); **Eric Stimpson**, Mountain View,
CA (US); **Thomas Preidel**, Uslar (DE);
Michael Braun, Bovenden (DE)

(73) Assignee: **Charles River Laboratories, Inc.**,
Wilmington, MA (US)

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

(21) Appl. No.: **29/604,034**

(22) Filed: **May 15, 2017**

(51) **LOC (11) Cl.** **24-01**

(52) **U.S. Cl.**

USPC **D24/224**; D24/162

(58) **Field of Classification Search**

USPC D24/121, 162, 216, 223-226;
D9/414-418, 423, 456, 457, 732, 722,
D9/424, 425, 428

CPC G01N 2001/4088; B01D 2201/301; B01D
2325/02; B01D 29/58; B01L 2300/0681;
B01L 2400/0683

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D377,984 S * 2/1997 Lahm D24/224
6,790,200 B2 * 9/2004 Fenton A61F 5/445
604/332

D615,190 S * 5/2010 McGill D24/111
D659,020 S * 5/2012 Kemner D9/732
D659,021 S * 5/2012 Kemner D9/732
D773,686 S * 12/2016 Moore D24/227
9,664,611 B2 * 5/2017 Lu G01N 21/0303

* cited by examiner

Primary Examiner — Anhdao Doan

Assistant Examiner — Mary Shannon Malley

(74) *Attorney, Agent, or Firm* — Goodwin Procter LLP

(57) **CLAIM**

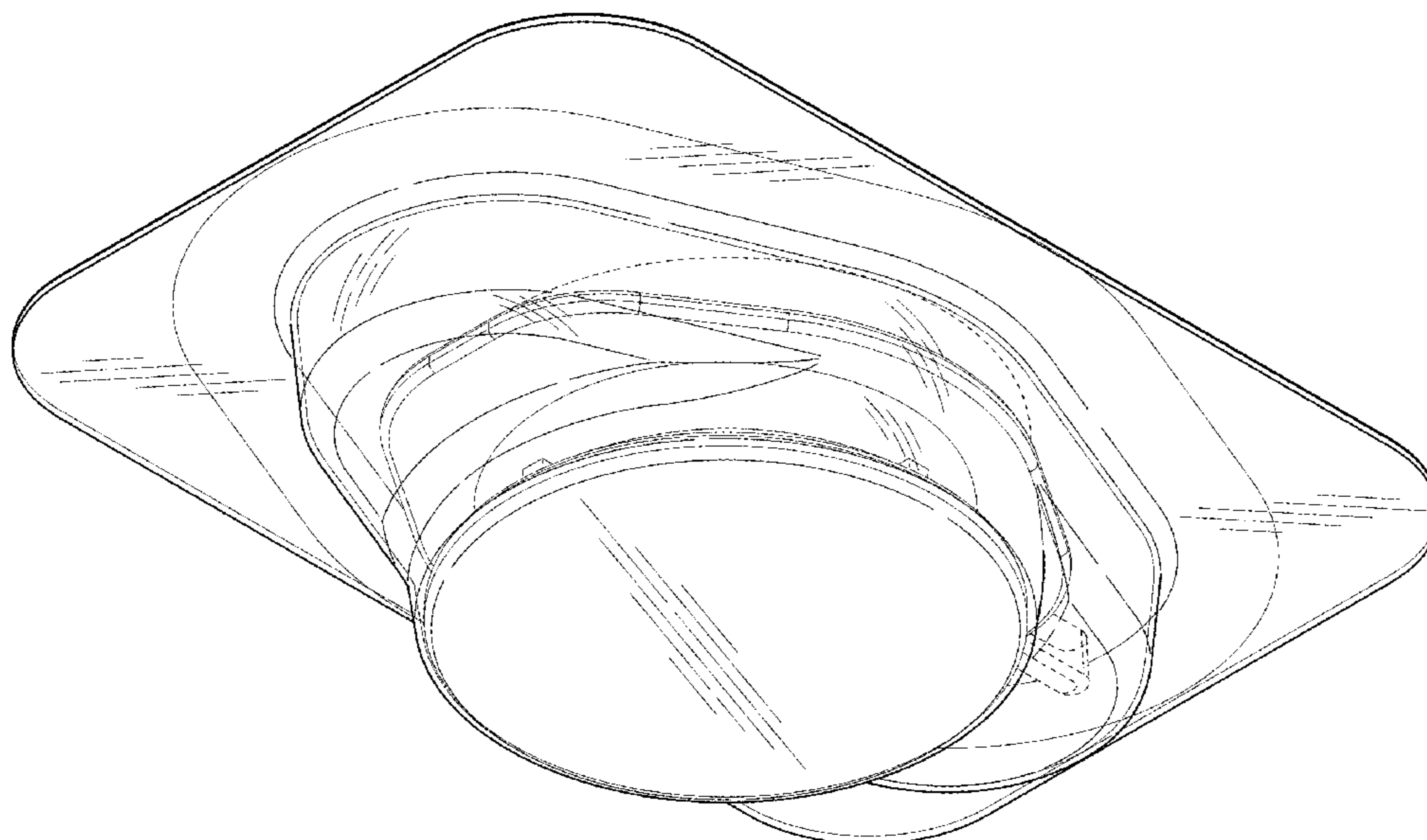
The ornamental design for a filtration system, as shown and described.

DESCRIPTION

FIG. 1 is a bottom perspective view of a filtration system;
FIG. 2 is a front view of the filtration system;
FIG. 3 is a rear view of the filtration system;
FIG. 4 is a right side view of the filtration system;
FIG. 5 is a left side view of the filtration system;
FIG. 6 is a top view of the filtration system;
FIG. 7 is a bottom view of the filtration system;
FIG. 8 is a cross-sectional view of the filtration system
through line 8-8 in FIG. 6; and,
FIG. 9 is a cross-sectional view of the filtration system
through line 9-9 in FIG. 6.

The broken lines show portions of the filtration system that form no part of the claimed design.

1 Claim, 7 Drawing Sheets



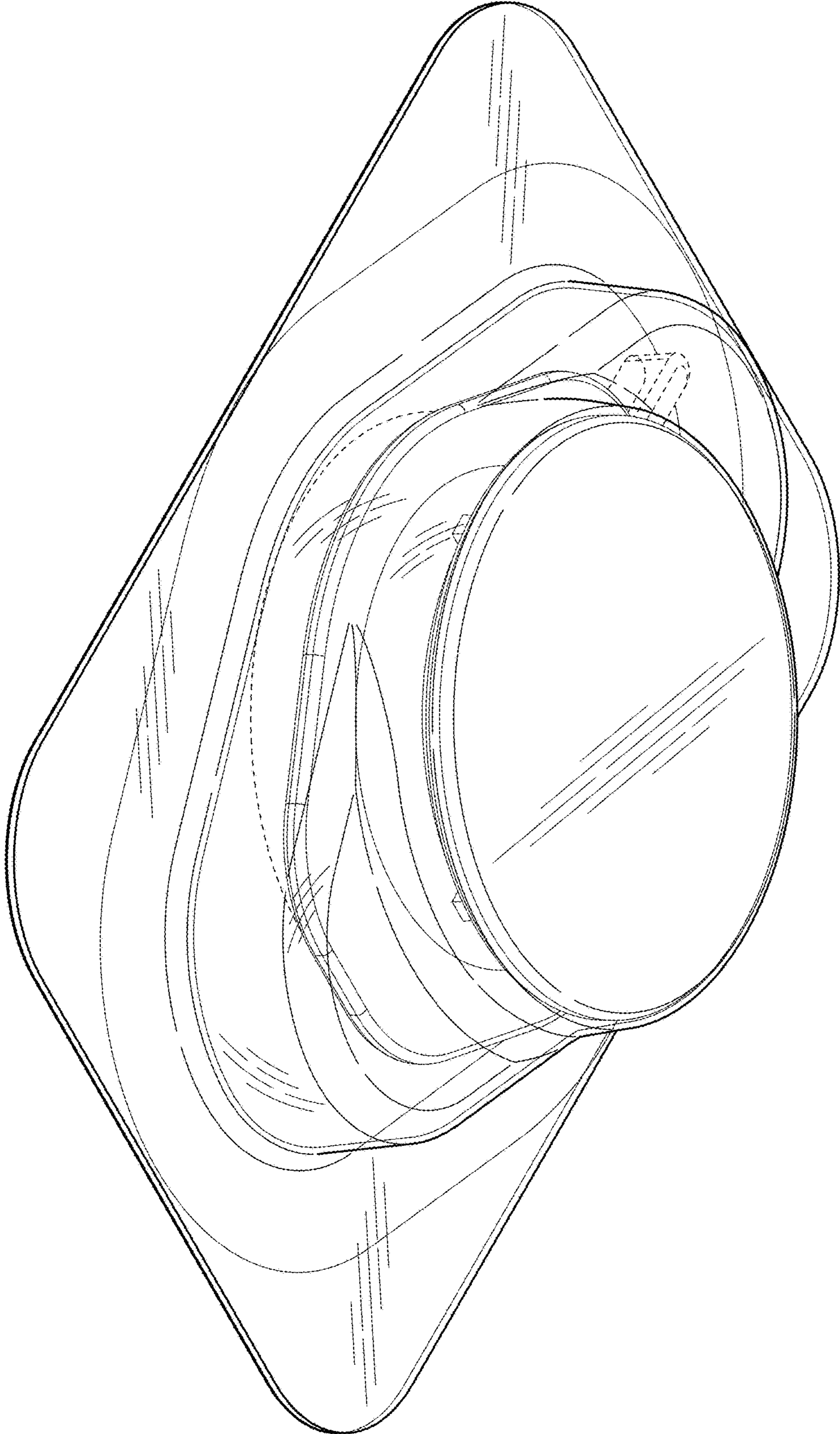


FIG. 1

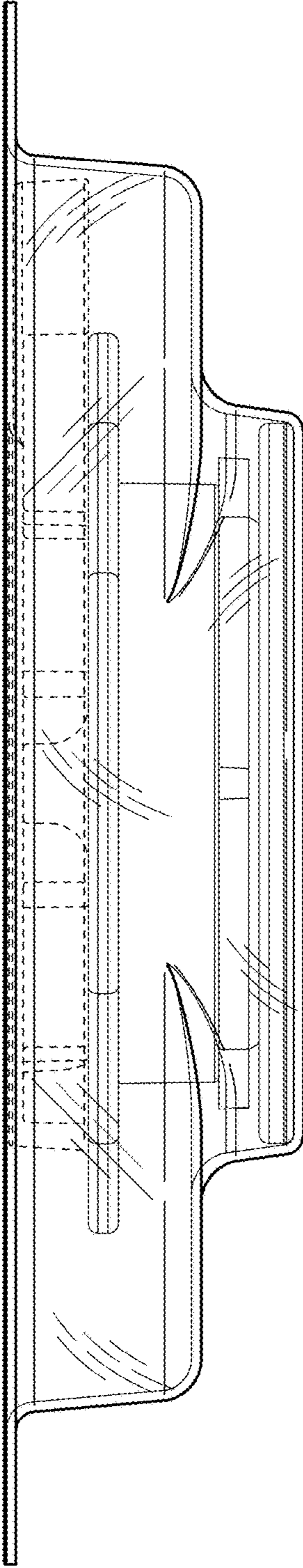


FIG. 2

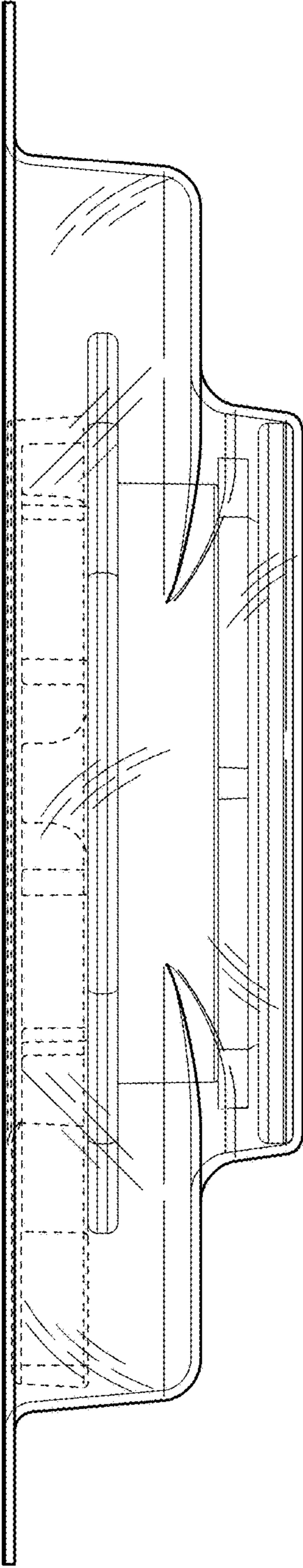


FIG. 3

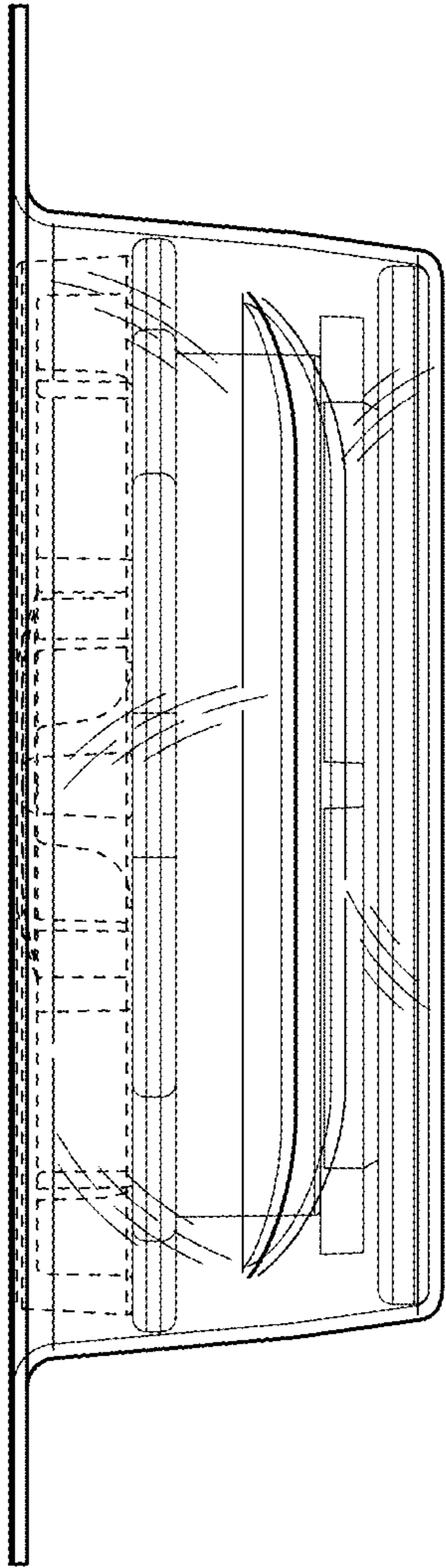


FIG. 4

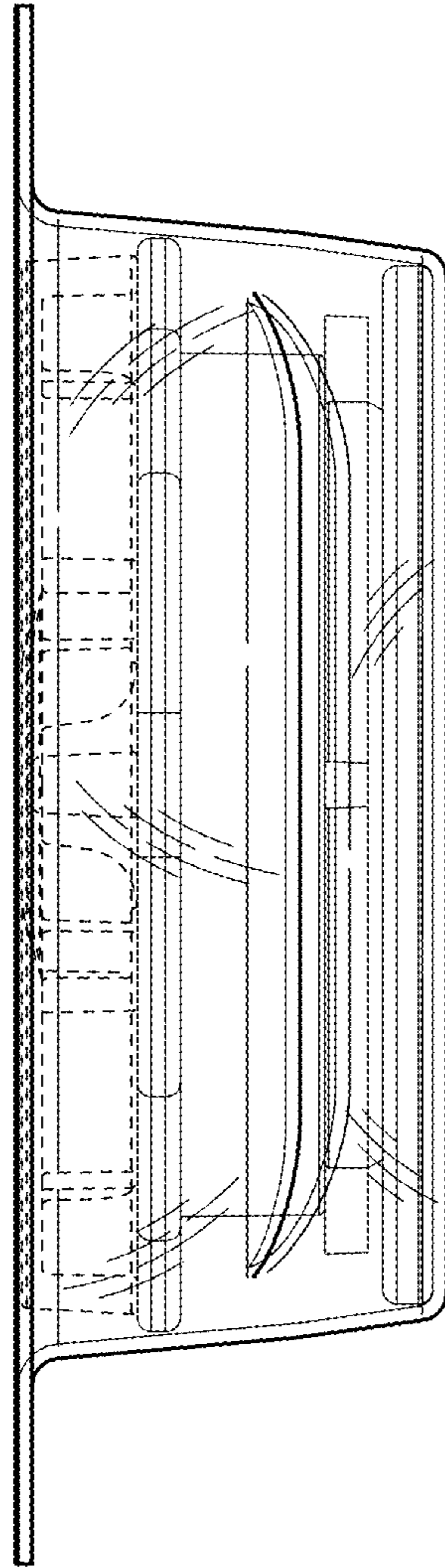


FIG. 5

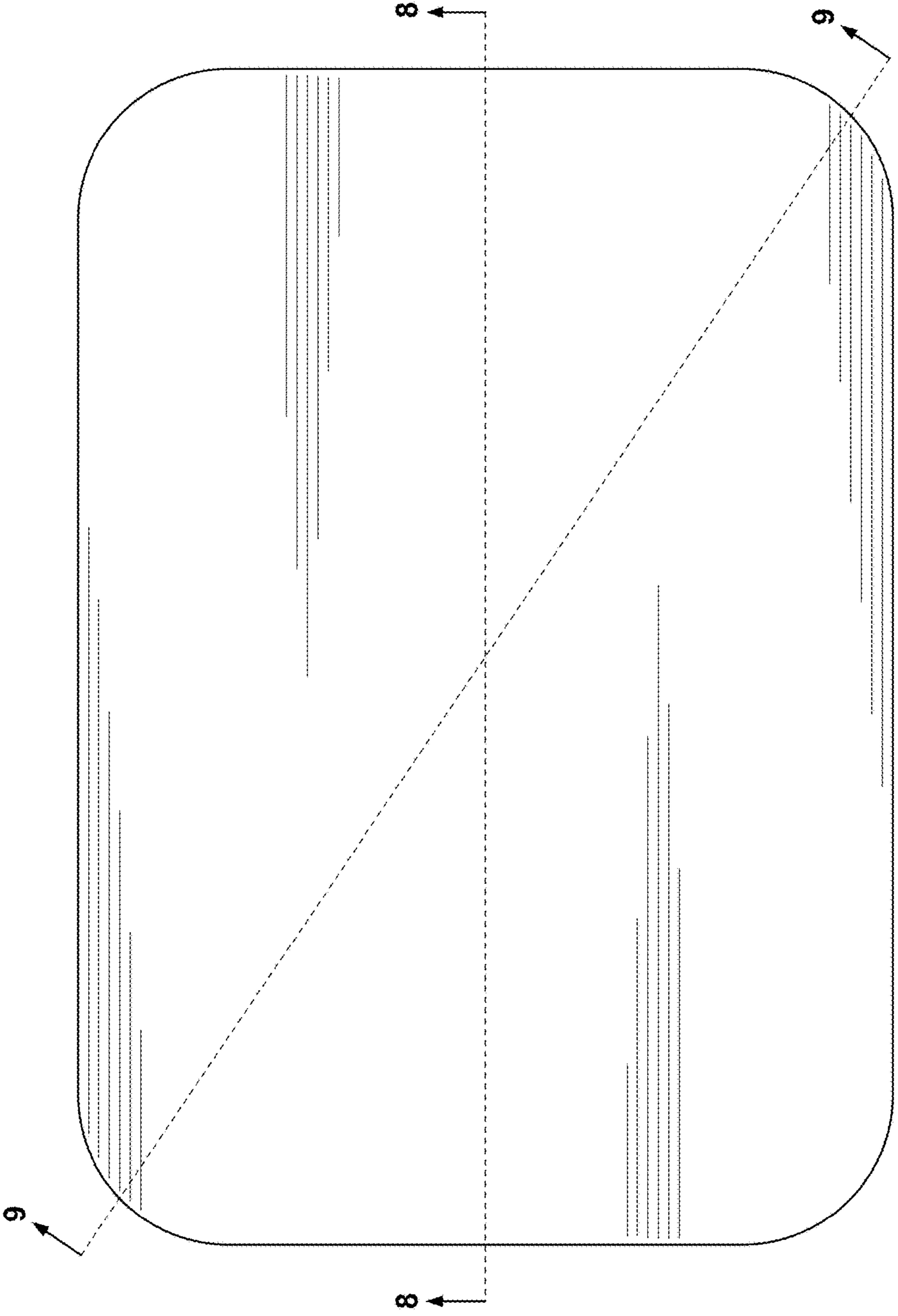


FIG. 6

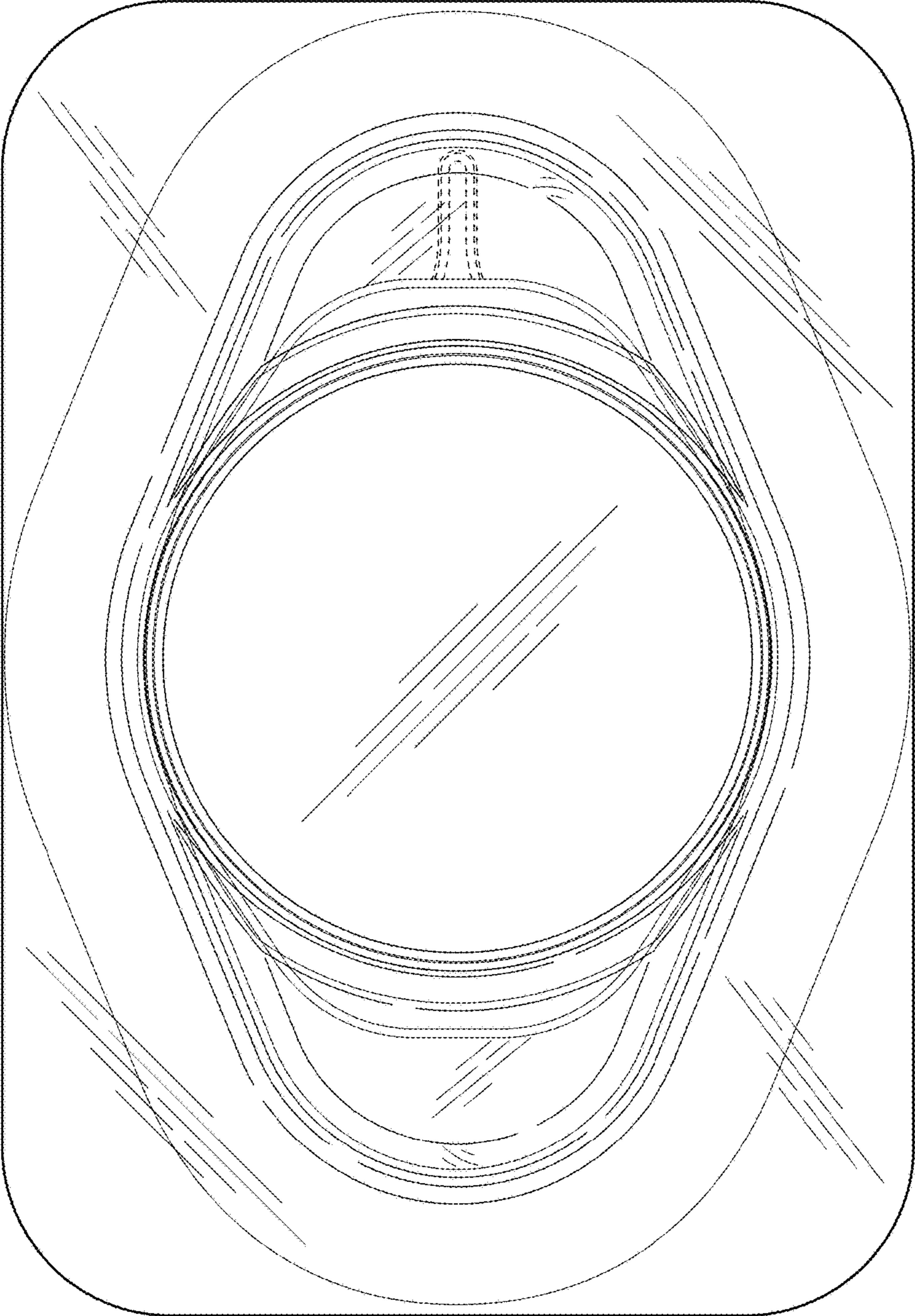


FIG. 7

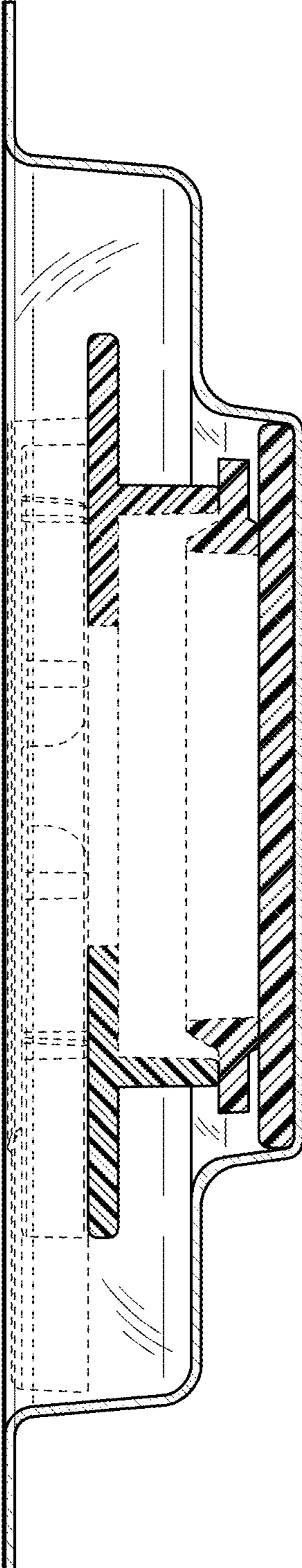


FIG. 8

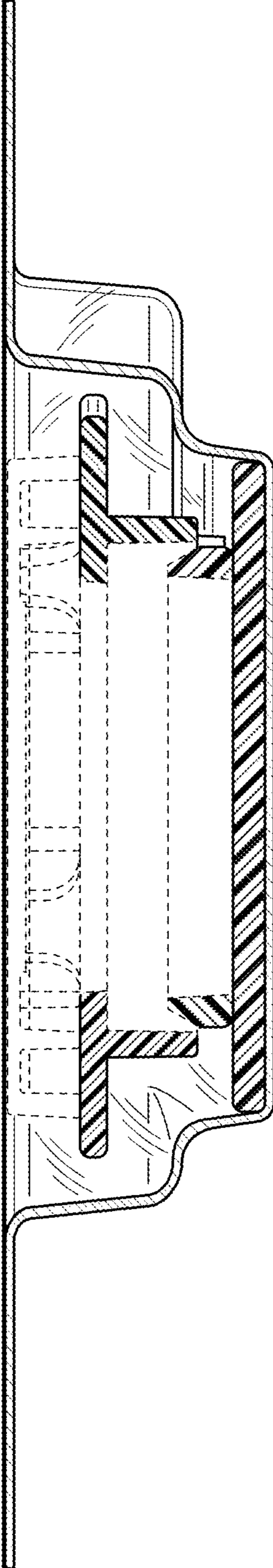


FIG. 9