



US00D932033S

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

(10) **Patent No.:** **US D932,033 S**

(45) **Date of Patent:** **** Sep. 28, 2021**

(54) **SHOULDER THERAPY DEVICE**

(71) Applicant: **OrthoCor Medical, Inc.**, Arden Hills, MN (US)

(72) Inventors: **Wyatt T. Zulkosky**, Excelsior, MN (US); **Daniel T. Wenzel**, Little Canada, MN (US); **Aimee M. Krebsbach**, Mahtomedi, MN (US)

(73) Assignee: **OrthoCor Medical, Inc.**, Arden Hills, MN (US)

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

(21) Appl. No.: **29/719,870**

(22) Filed: **Jan. 8, 2020**

(51) **LOC (13) Cl.** **28-03**

(52) **U.S. Cl.**
USPC **D24/200; D24/190**

(58) **Field of Classification Search**
USPC D24/200, 188-192, 206, 215; D29/101.1, D29/101.2, 101.3, 120.1, 121.1, 121.2
CPC A61H 2205/00; A61H 2205/02; A61H 2205/04; A61H 2205/06; A61H 2205/08; A61H 2205/10; A61H 2205/12; A61H 2201/10; A61F 2007/0009; A61F 2007/0011; A61F 2007/0012; A61F 2007/0029; A61F 2007/003; A61F 2007/0031; A61F 7/007; A61B 5/04; A61N 1/0452; A61N 1/0492; A61N 1/18; A61N 1/20; A61N 1/205; A61N 1/22; A61N 1/321; A61N 1/36; A61N 1/36003; A61N 1/36014; A61N 1/36021; A61N 2/00; A61N 2/02; A61N 2/04; A61N 2/06; A61N 2/08

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D616,555 S * 5/2010 Thorgilsdottir D24/191
D628,705 S * 12/2010 Usui D24/206

D669,994 S * 10/2012 Bembridge D24/200
D704,848 S * 5/2014 Thomas D24/200
D712,052 S * 8/2014 Thomas D24/200
D793,567 S * 8/2017 Cotton D24/189
D810,311 S * 2/2018 Chen D24/200
D811,610 S * 2/2018 Abel D24/189
D821,596 S * 6/2018 Ito D24/200
D863,577 S * 10/2019 Chobuathong D24/208

(Continued)

FOREIGN PATENT DOCUMENTS

CN 3486638 * 11/2005
KR 300660218.0000 * 9/2012

Primary Examiner — Lilyana Bekic

Assistant Examiner — Lee D. Starr

(74) *Attorney, Agent, or Firm* — Schwegman Lundberg & Woessner, P.A.

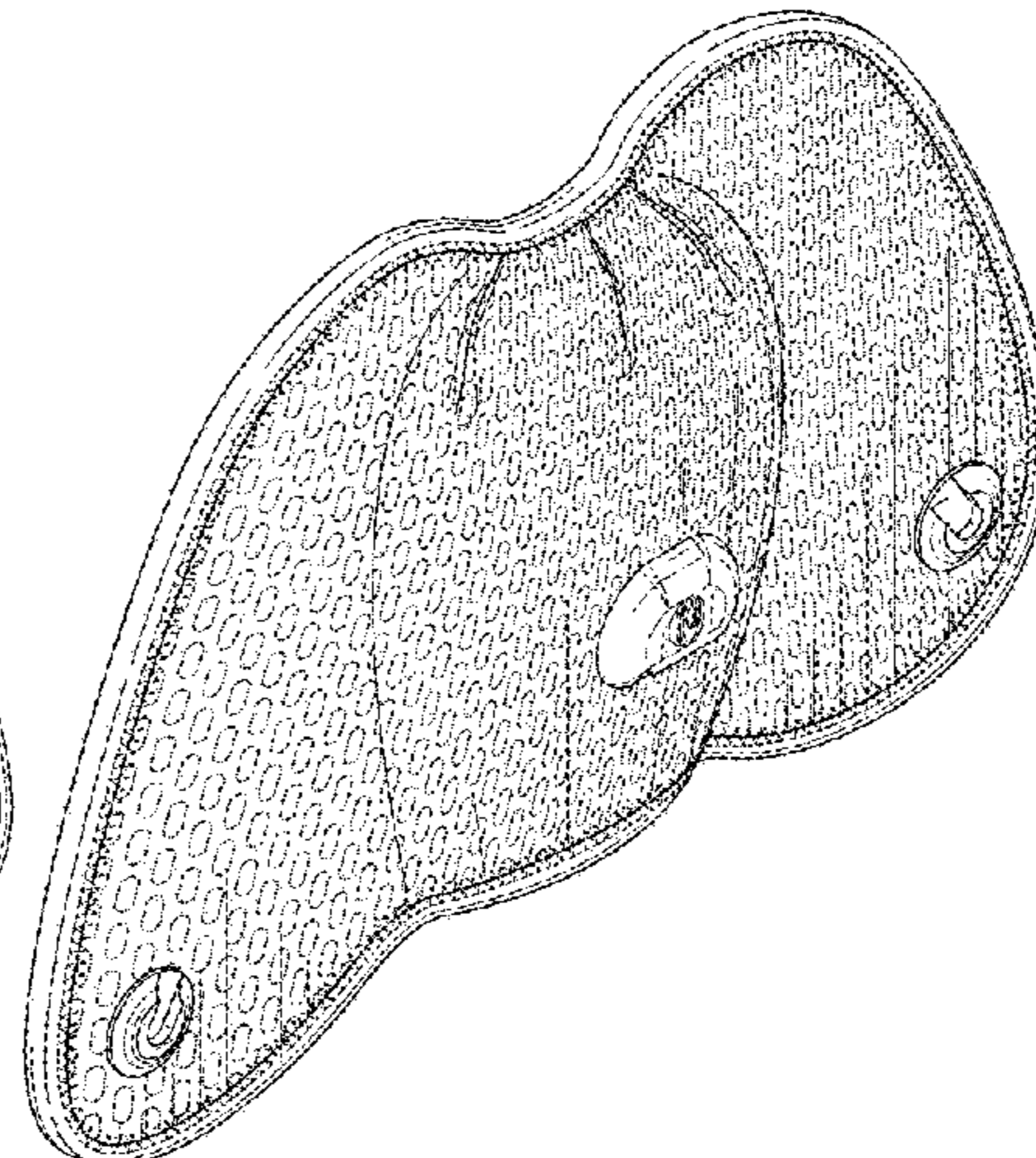
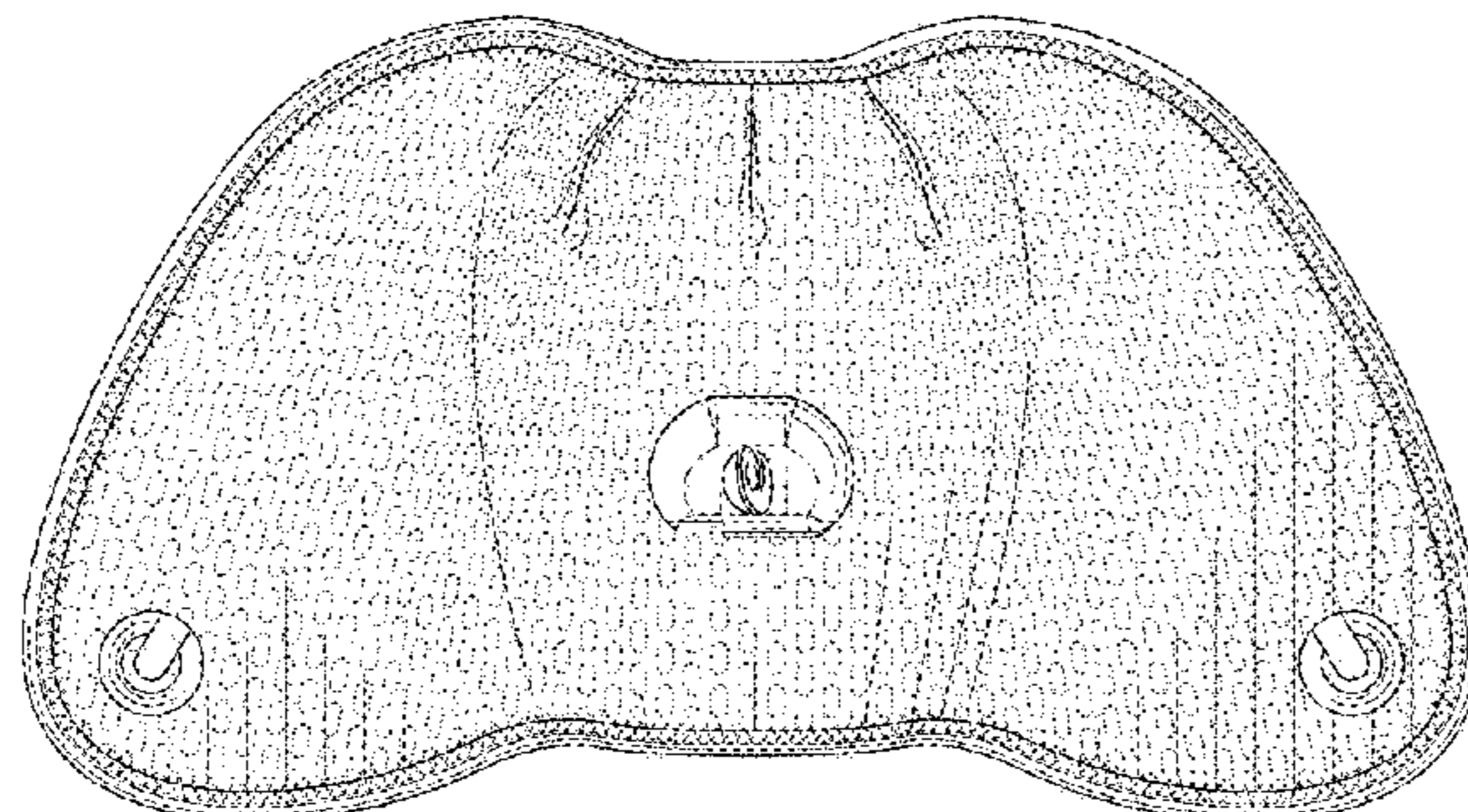
(57) **CLAIM**

The ornamental design for a shoulder therapy device, as shown and described.

DESCRIPTION

FIG. 1 is a front view of a shoulder therapy device, showing our new design;
FIG. 2 is a rear view 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 top-front-left perspective view thereof.
FIG. 8 is a bottom-front-right perspective view thereof.
FIG. 9 is a top-rear-right perspective view thereof; and,
FIG. 10 is a bottom-rear-left perspective view thereof.
The broken lines on the pill-shaped element in FIG. 6 and FIG. 8 depict portions of the shoulder therapy device that form no part of the claimed design. All other broken lines are used to depict stitching and patterning and do form part of the claimed design.

1 Claim, 6 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D875,264 S *	2/2020	Katz	D24/200
D879,980 S *	3/2020	Johnston	D24/200
2010/0241199 A1 *	9/2010	Hidaka	A61F 7/034 607/96

* cited by examiner

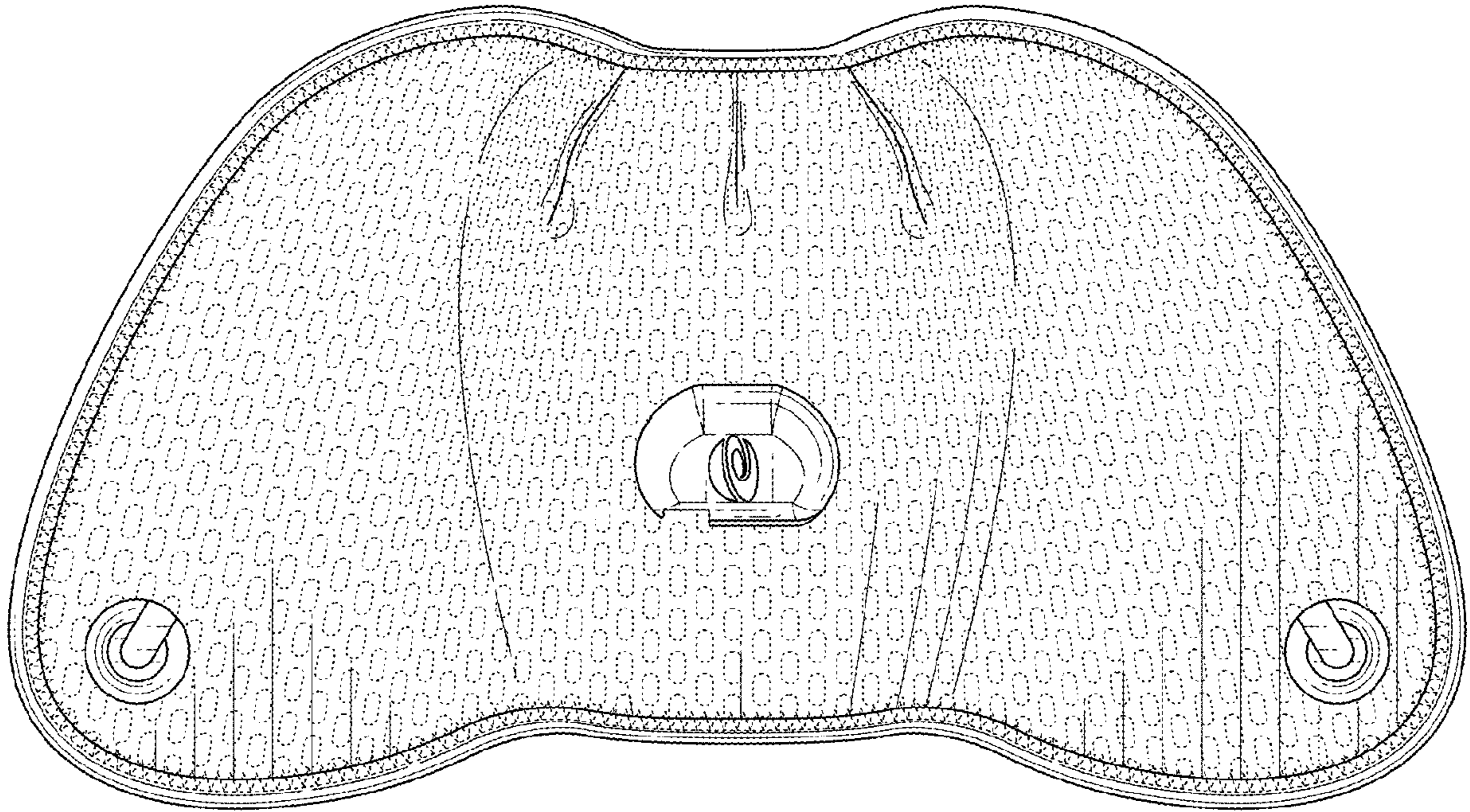


FIG. 1

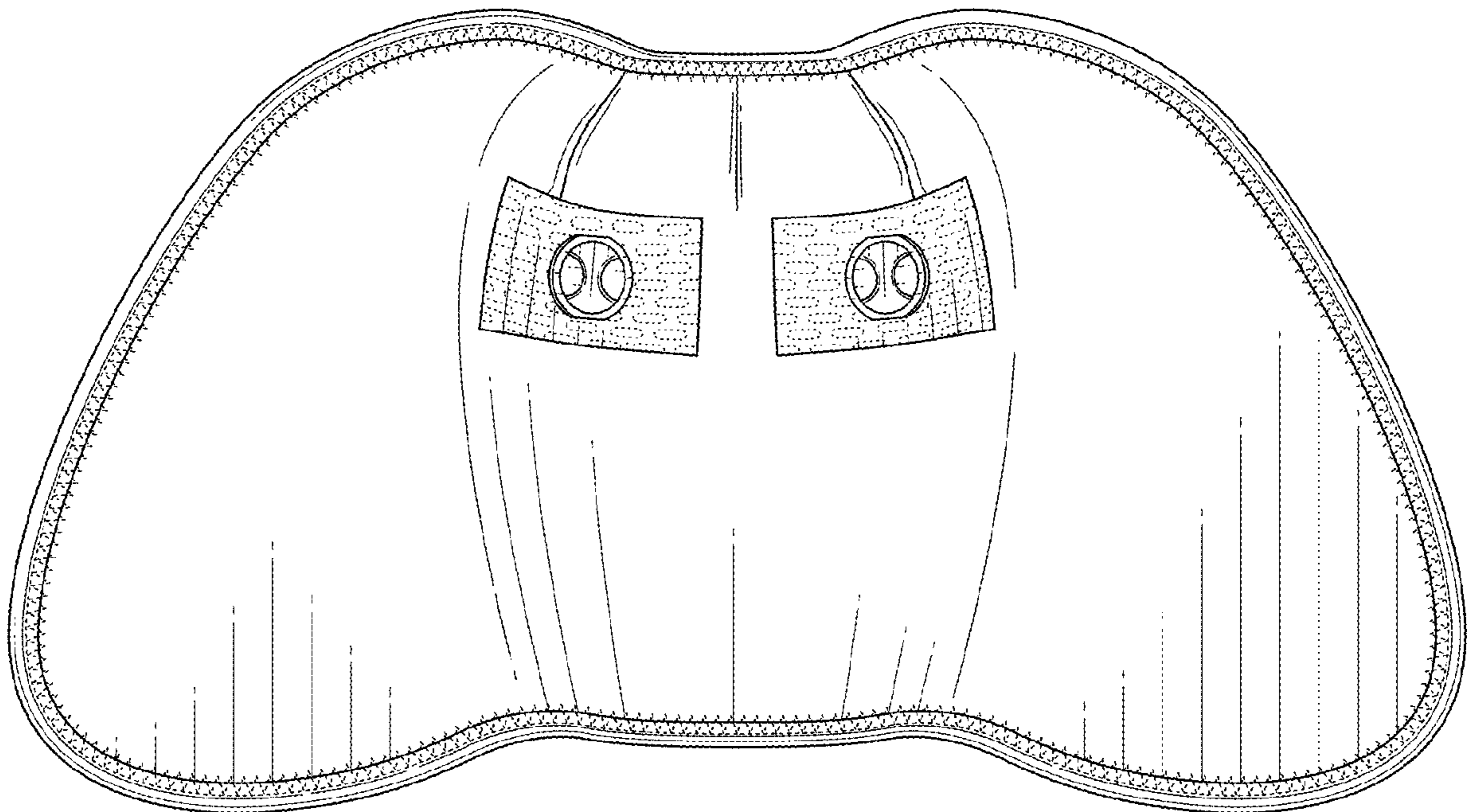


FIG. 2

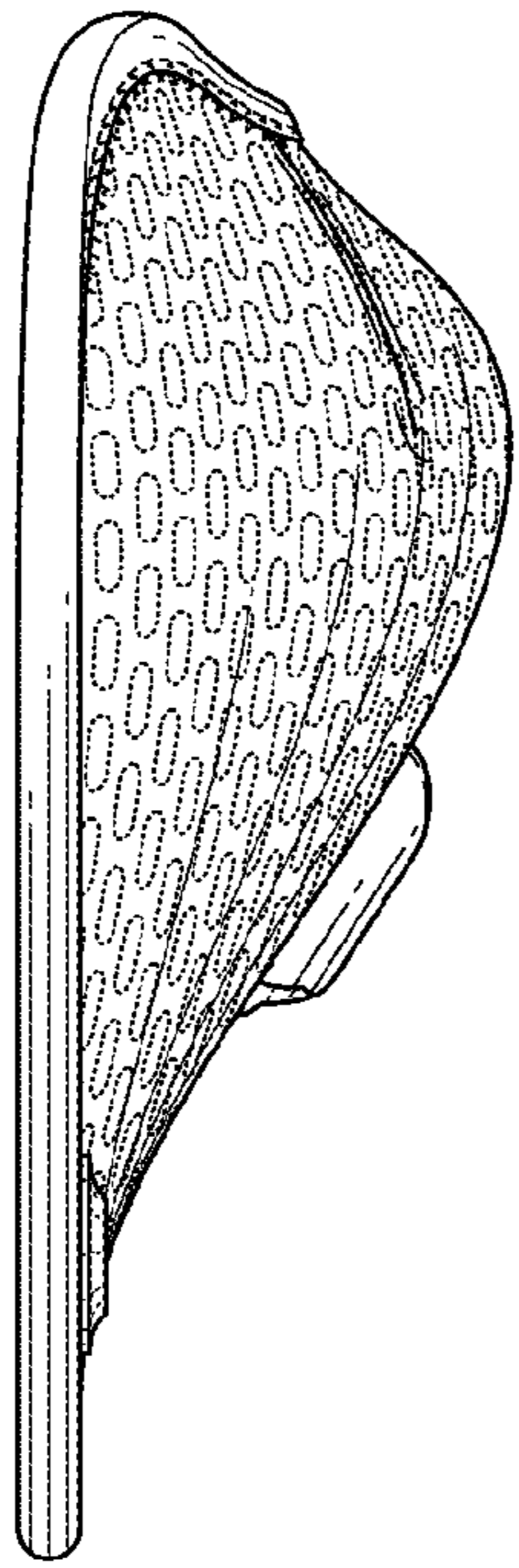


FIG. 3

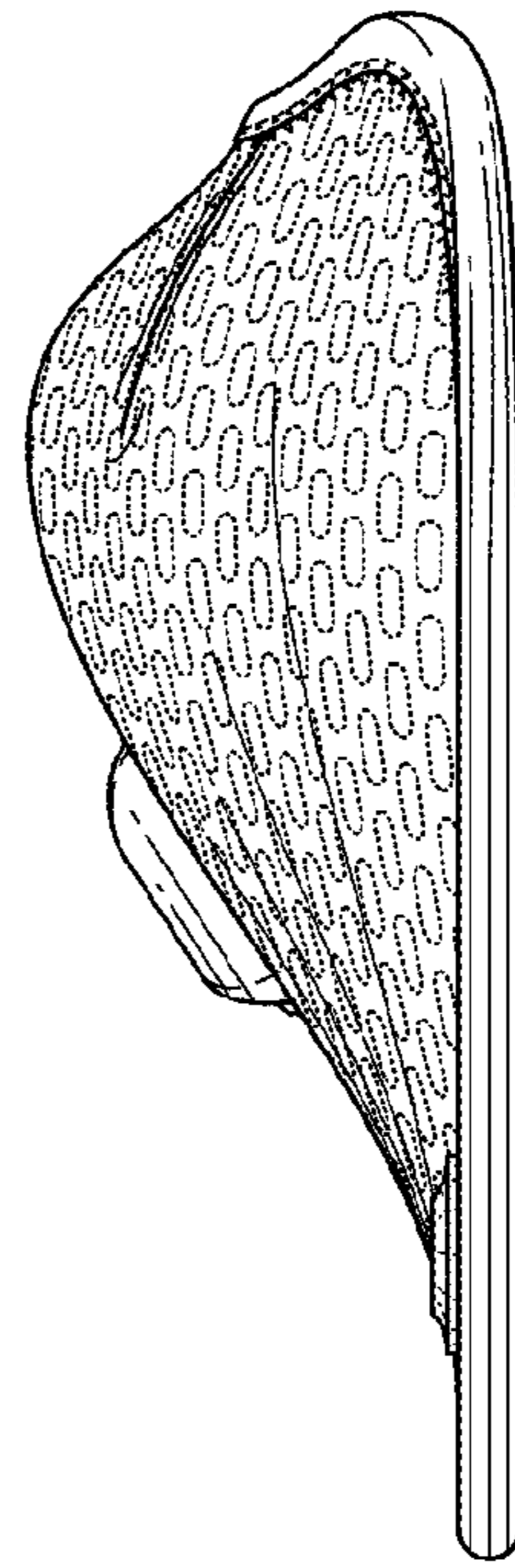


FIG. 4

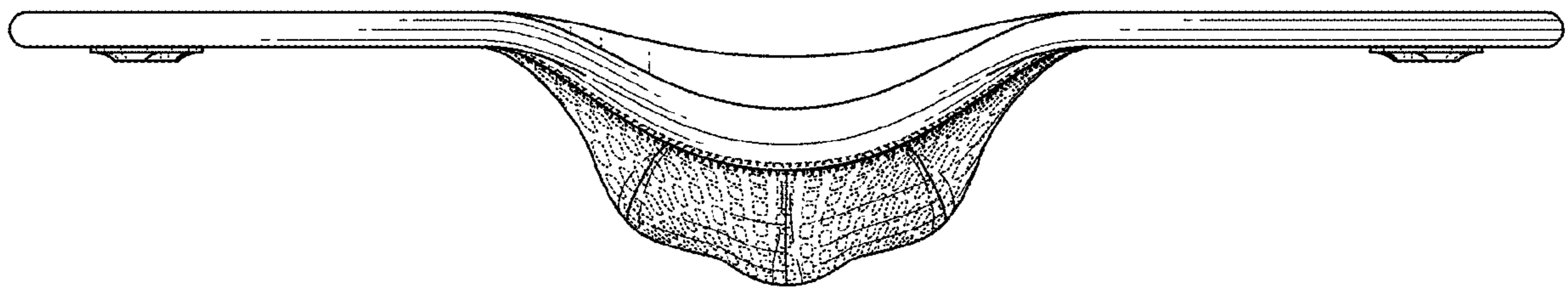


FIG. 5

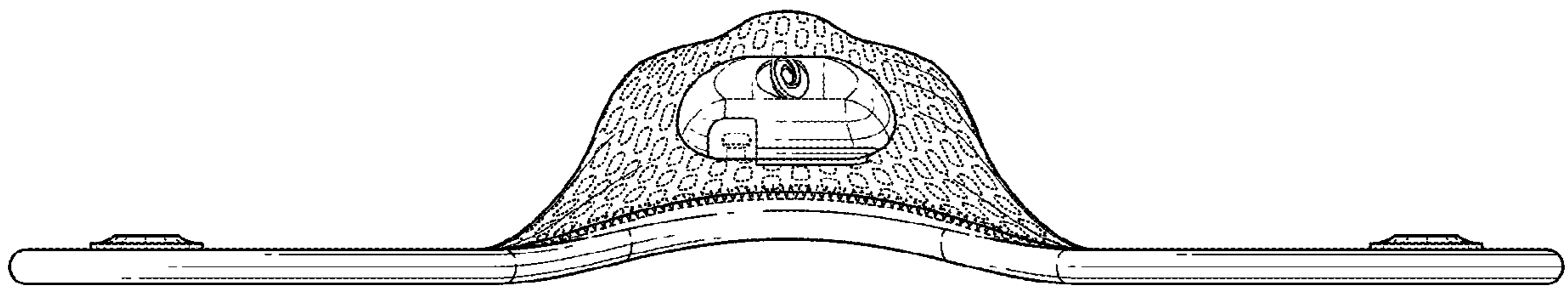


FIG. 6

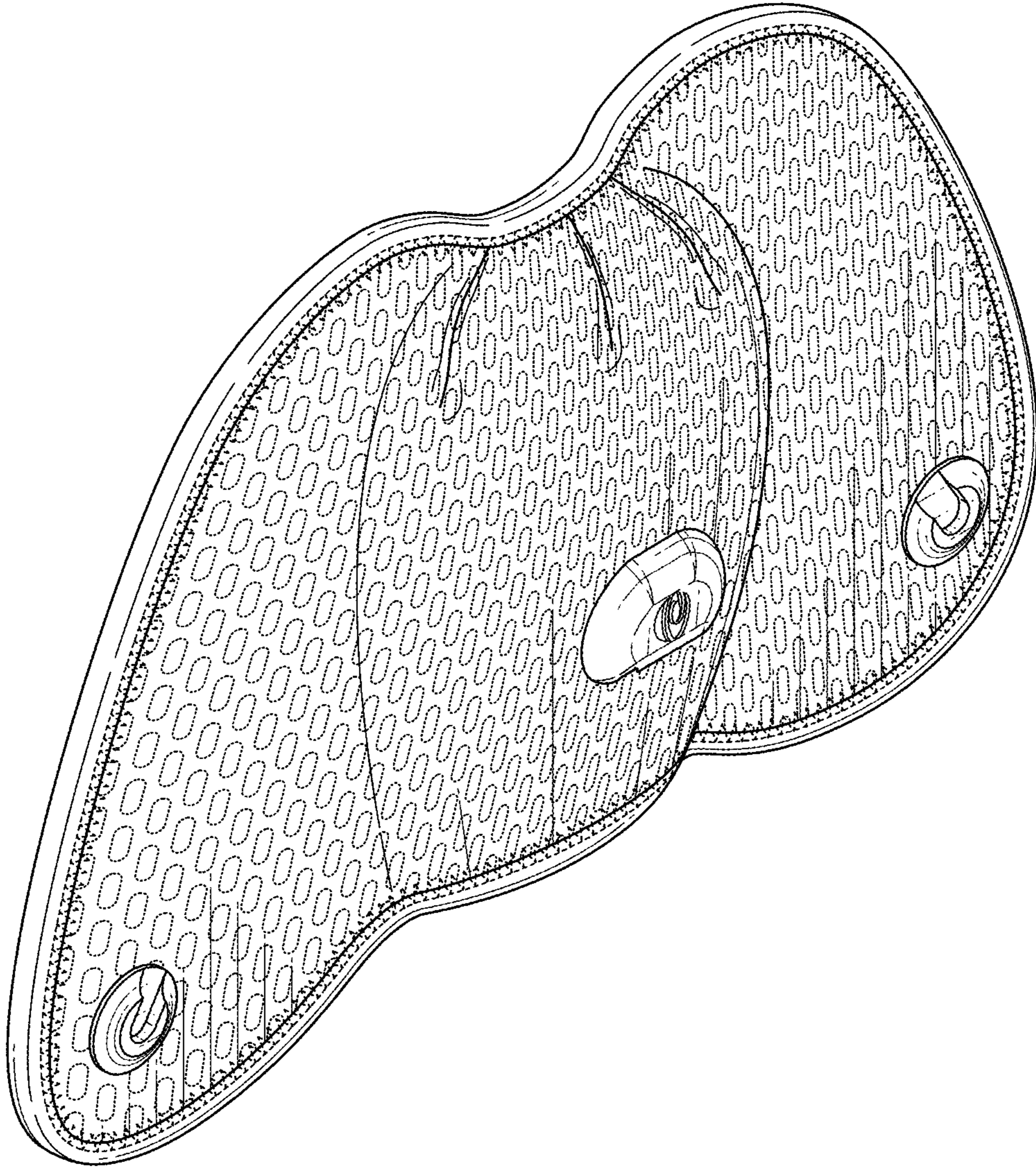


FIG. 7

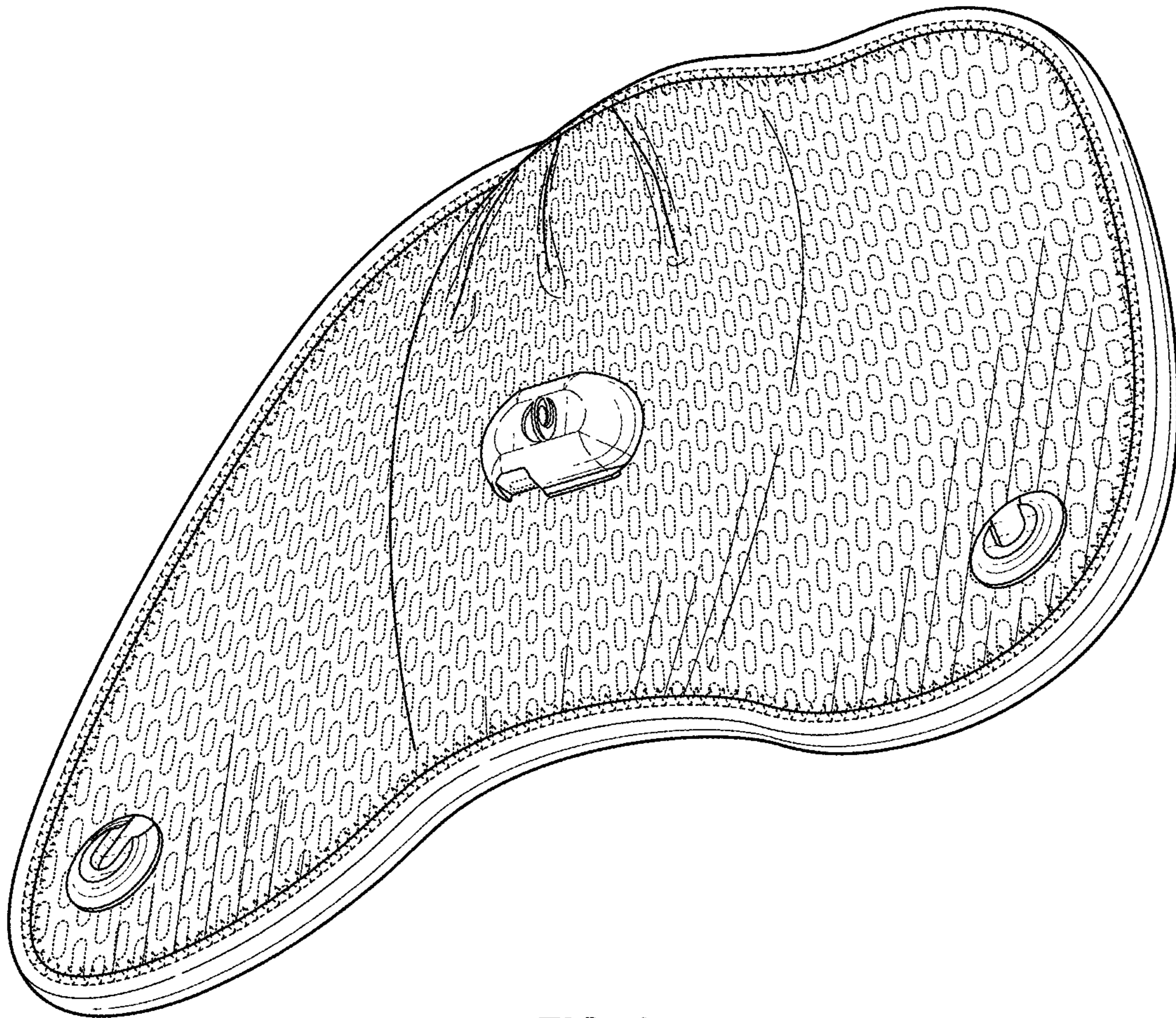


FIG. 8

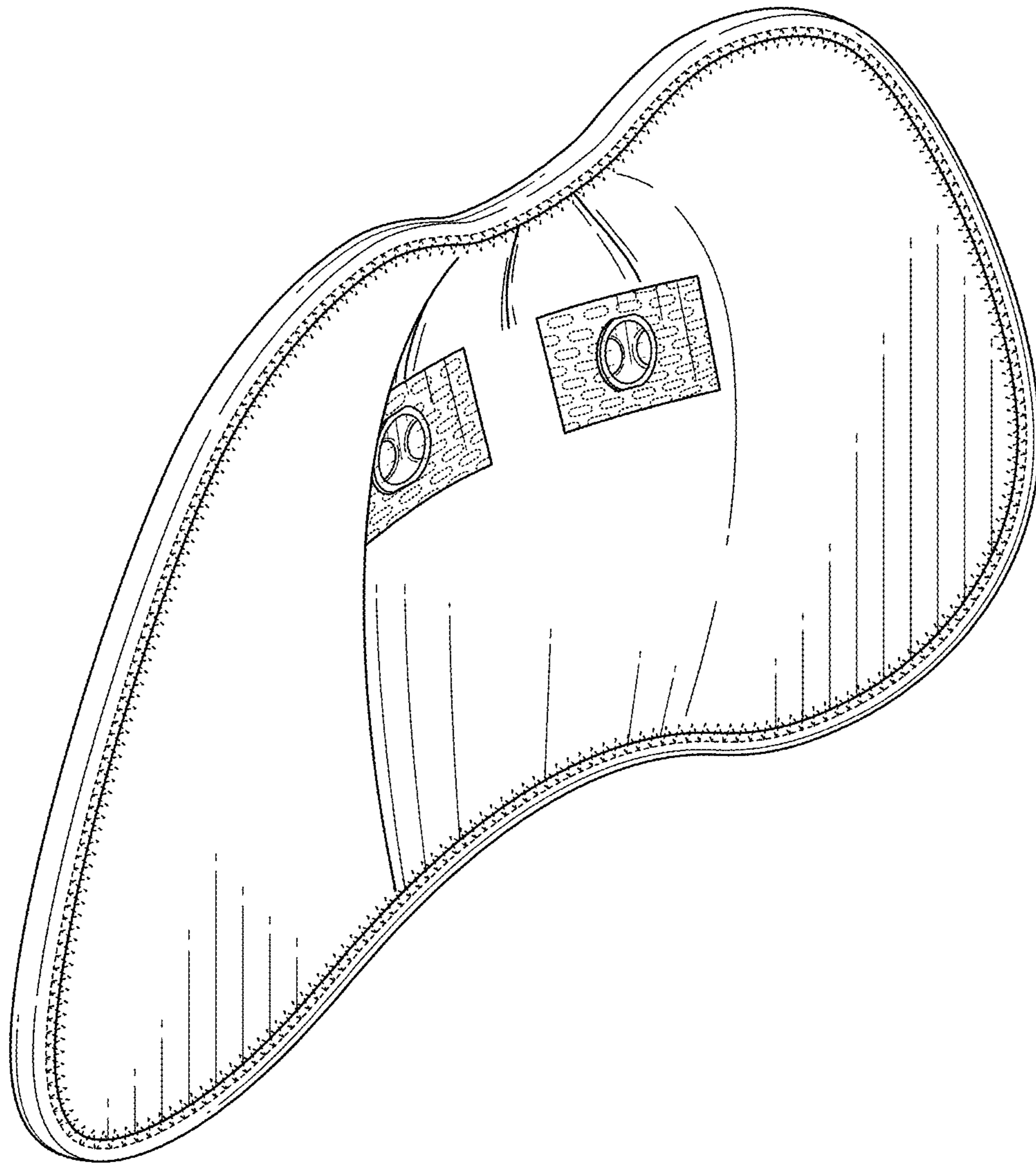


FIG. 9

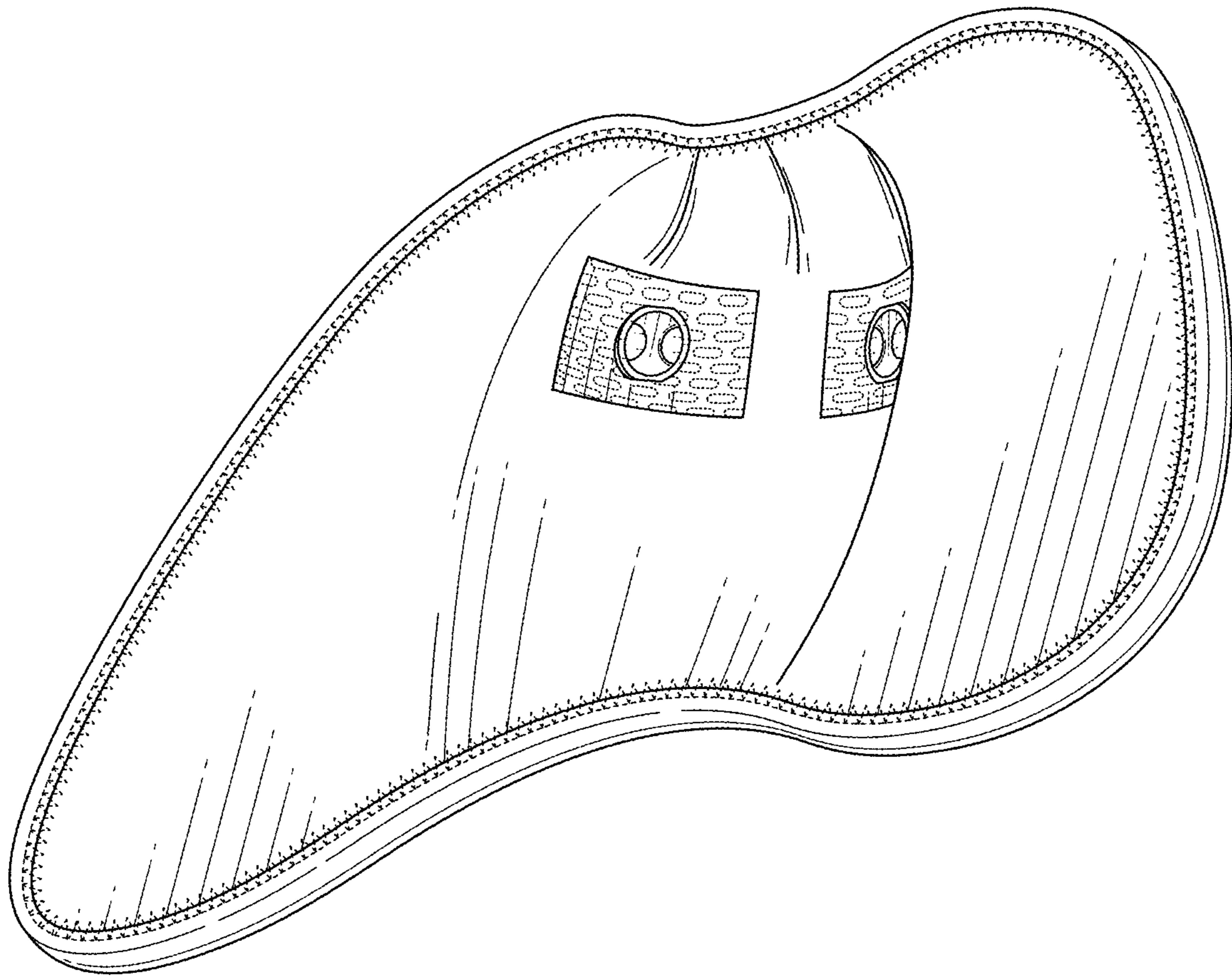


FIG. 10