



US00D890678S

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

(10) **Patent No.:** **US D890,678 S**
(45) **Date of Patent:** **** Jul. 21, 2020**

- (54) **LEVER HEAD**
- (71) Applicant: **CATERPILLAR INC.**, Deerfield, IL (US)
- (72) Inventors: **Brian Philip Neathery**, Hockley, TX (US); **Adnan Kadribasic**, Hono (SE)
- (73) Assignee: **Caterpillar Inc.**, Peoria, IL (US)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/677,132**
- (22) Filed: **Jan. 17, 2019**
- (51) **LOC (12) Cl.** **12-06**
- (52) **U.S. Cl.**
USPC **D12/317**
- (58) **Field of Classification Search**
USPC D12/174, 178–180, 300, 301, 303–315, D12/317, 318; D10/49; D13/134, 162, D13/164, 168, 169, 173; D15/199
CPC B60W 10/06; B63H 21/21; B63H 21/213; B63H 21/22; B63H 21/265
See application file for complete search history.

- 7,452,254 B2 * 11/2008 Watanabe B63H 21/213 440/84
 - 8,060,265 B2 11/2011 Hallenstvedt et al.
 - 8,234,024 B2 7/2012 Nose et al.
 - 8,428,801 B1 4/2013 Nose et al.
 - D710,781 S * 8/2014 Park D12/317
- (Continued)

OTHER PUBLICATIONS

Caterpillar Three60 Precision Control, www.jimmyrogersyachtbroker.com [online]. published on Oct. 5, 2014, [retrieved on Mar. 10, 2020]. Retrieved from the Internet: <URL: https://www.jimmyrogersyachtbroker.com/caterpillar-three60-precision-control-making-maneuvering-a-breeze/> (Year: 2014).*

(Continued)

Primary Examiner — Karen E Kearney
Assistant Examiner — Adam C Mager
(74) *Attorney, Agent, or Firm* — Finnegan, Henderson, Farabow, Garrett & Dunner, LLP

(57) **CLAIM**

The ornamental design for a lever head, as shown and described.

DESCRIPTION

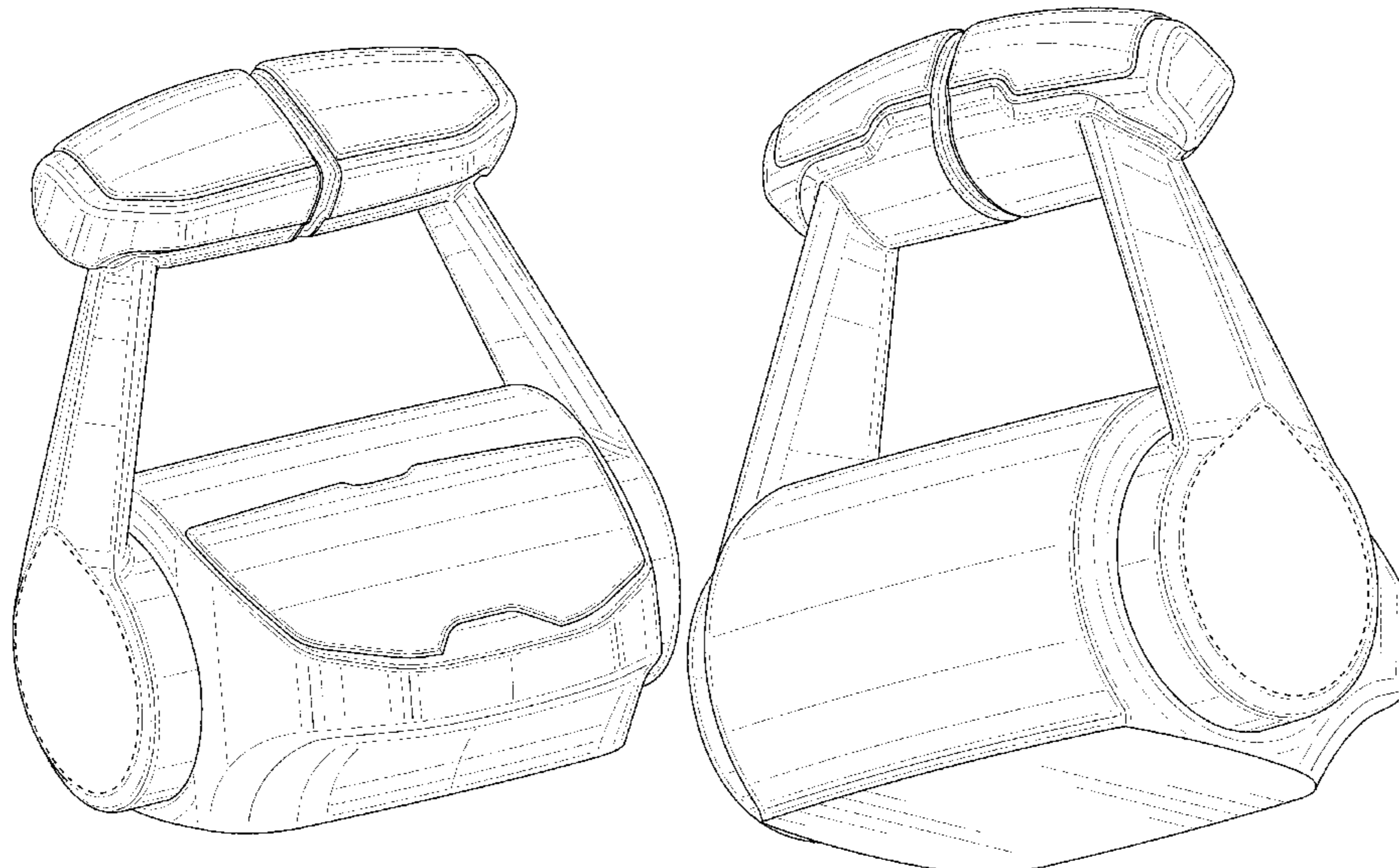
FIG. 1 is a front, top, left perspective view of a lever head showing the new design;
FIG. 2 is a rear, bottom, left perspective view thereof;
FIG. 3 is a left-side elevation view thereof;
FIG. 4 is a right-side elevation view thereof;
FIG. 5 is a bottom plan view thereof;
FIG. 6 is top plan view thereof;
FIG. 7 is a front elevation view thereof; and,
FIG. 8 is a rear elevation view thereof.
The broken lines of even length shown in the drawings illustrate portions of the lever head that form no part of the claimed design.

1 Claim, 8 Drawing Sheets

(56) **References Cited**

U.S. PATENT DOCUMENTS

- 3,600,978 A * 8/1971 Turner B63H 21/213 477/113
- D281,409 S * 11/1985 Cambria D12/179
- 5,041,035 A * 8/1991 Glen B63H 21/213 440/87
- 5,062,516 A * 11/1991 Prince B63H 21/213 477/111
- 6,280,269 B1 * 8/2001 Gaynor B63B 49/00 440/84
- D497,347 S * 10/2004 Iekura D13/168
- D502,148 S * 2/2005 Iekura D13/168
- 7,267,068 B2 9/2007 Bradley et al.
- D554,080 S * 10/2007 Iekura D13/168
- D554,596 S * 11/2007 Iekura D13/168



(56)

References Cited

U.S. PATENT DOCUMENTS

9,067,664 B2 6/2015 Yuet et al.
9,545,987 B1 1/2017 Przybyl et al.
D810,167 S * 2/2018 Yang D15/199
D818,020 S * 5/2018 McGinn D15/199
D834,492 S * 11/2018 Uchiyama D12/317
10,252,785 B2 * 4/2019 Ozaki B63H 21/213
2009/0197486 A1 8/2009 Szilagyi et al.

OTHER PUBLICATIONS

Vetus control box for 1 mechanical engine, vetus.com [online], published on or before Mar. 9, 2020, [retrieved on Mar. 9, 2020]. Retrieved from the Internet: <URL: <https://www.vetus.com/en/boat-instruments/engine-remote-controls/caja-de-mando-1-motor-14639.html>> (Year: 2020).*

Engine control lever, nauticexpo.com [online], published on or before Dec. 31, 2017, [retrieved on Mar. 9, 2020]. Retrieved from the Internet: <URL: <https://www.nauticexpo.com/prod/volvo-penta/product-21503-367998.html>> (Year: 2017).*

U.S. Appl. No. 16/047,209 of Brian Neathery et al., titled "Marine Drive Control of a Marine Vessel in a Configured Operation Mode," filed Jul. 27, 2018.

* cited by examiner

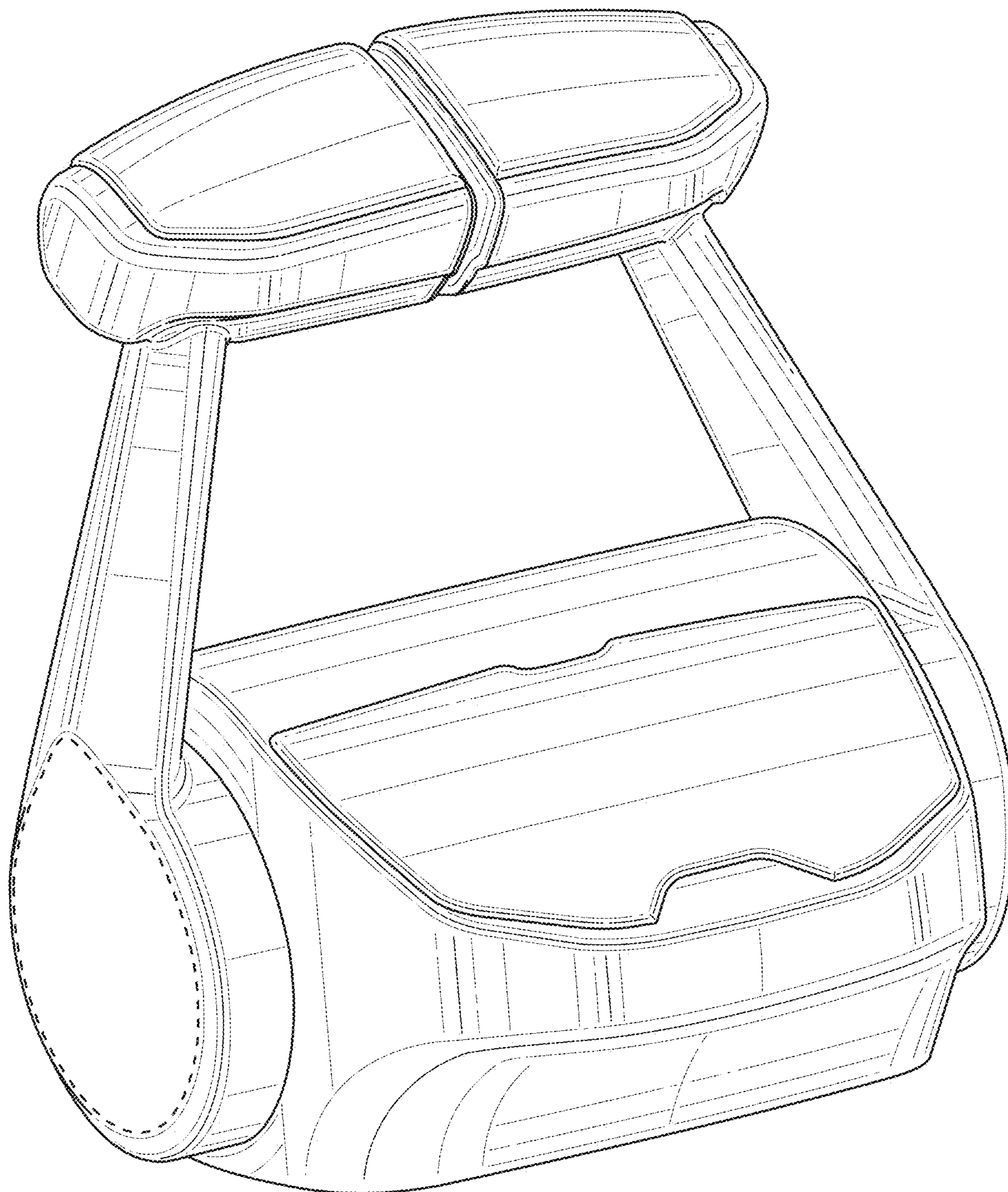


FIG. 1

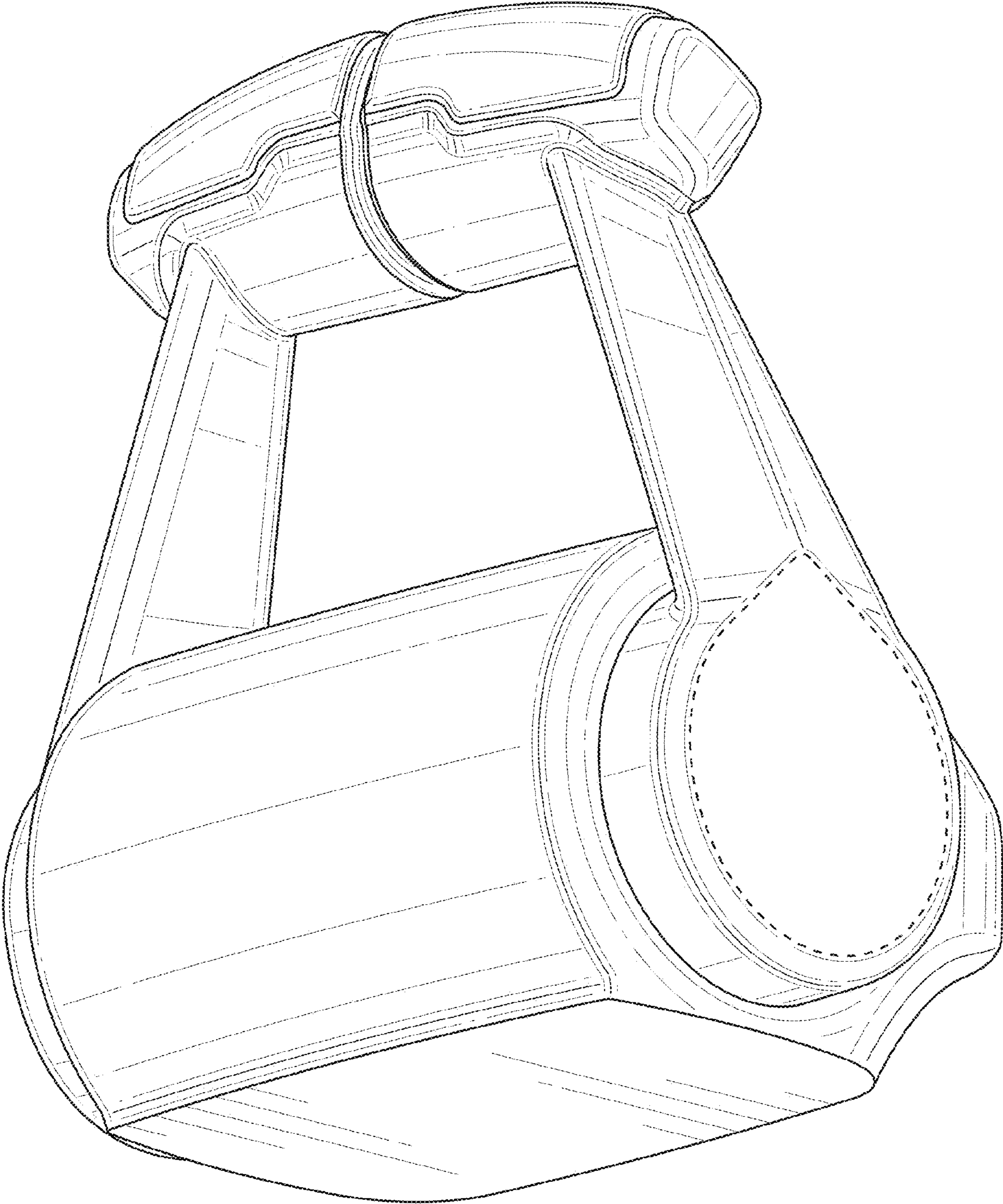


FIG. 2

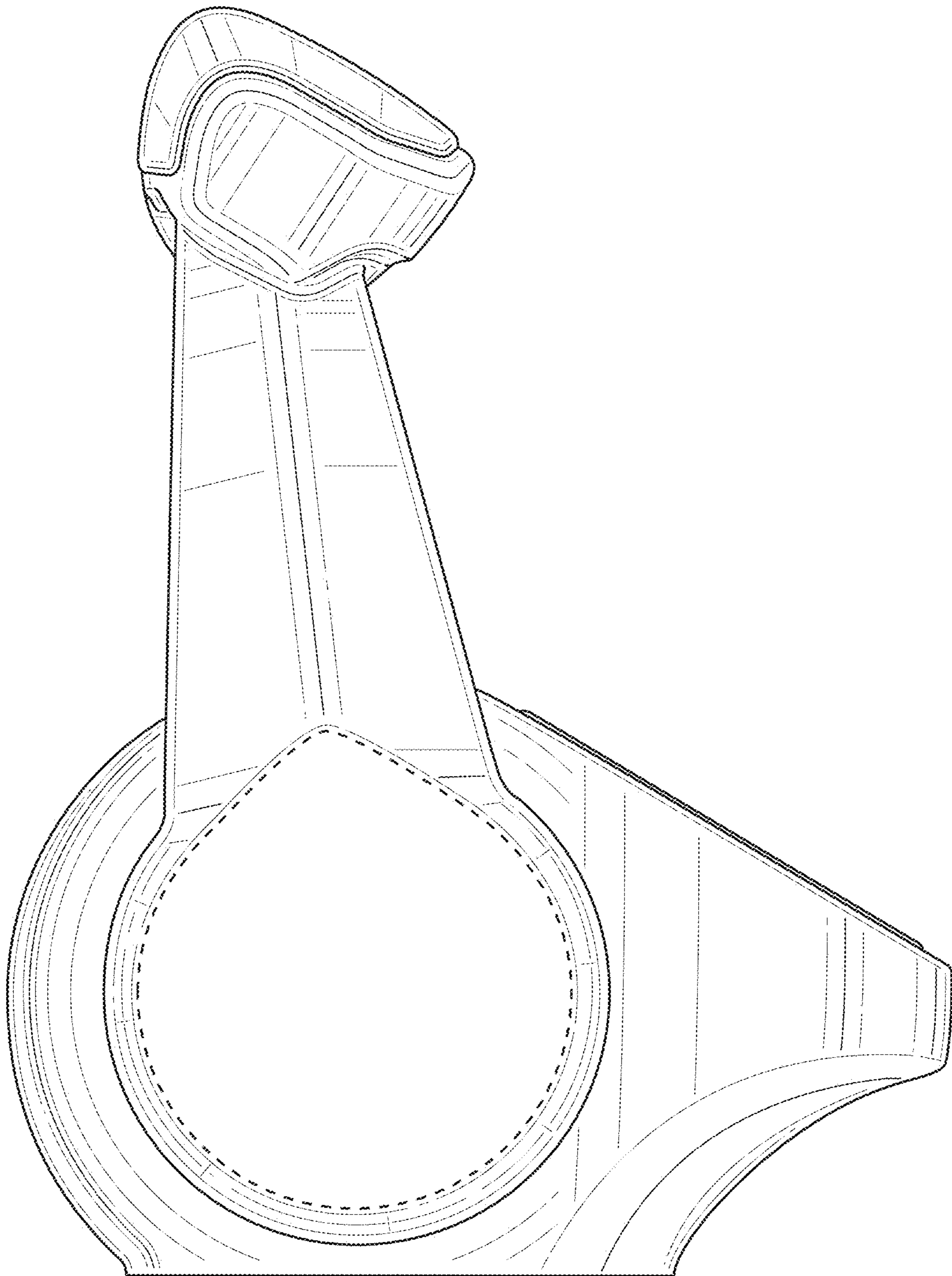


FIG. 3

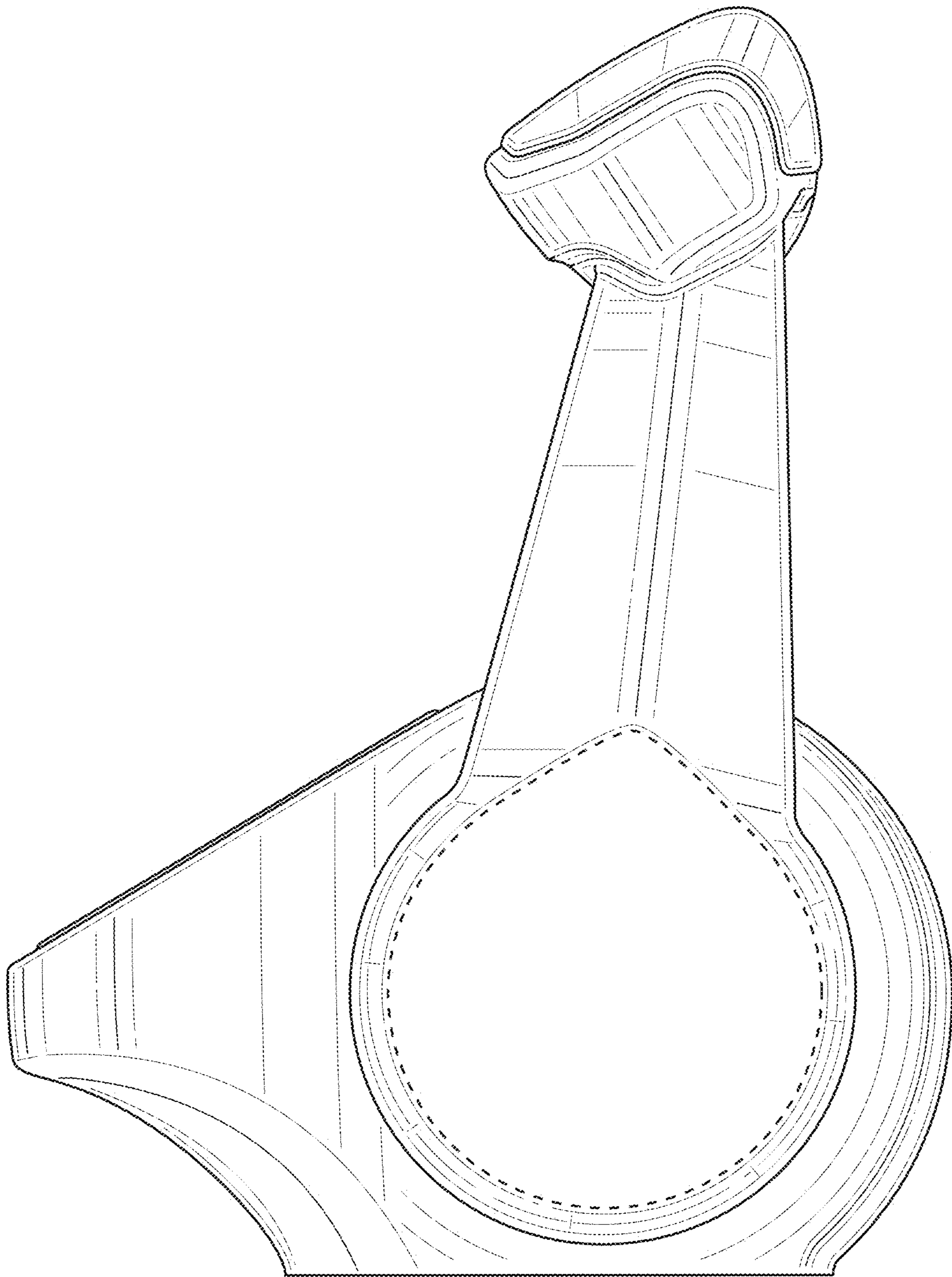


FIG. 4

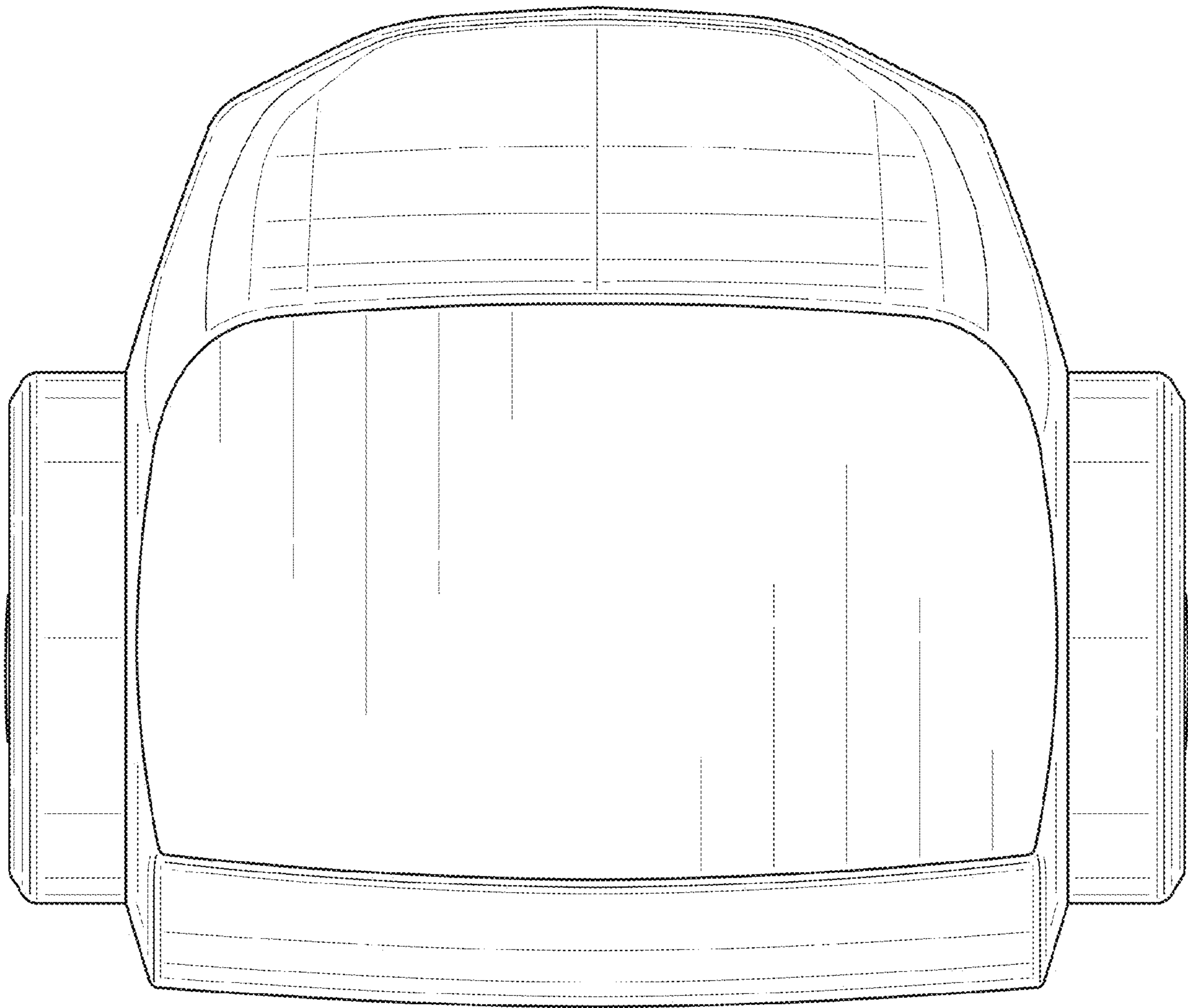


FIG. 5

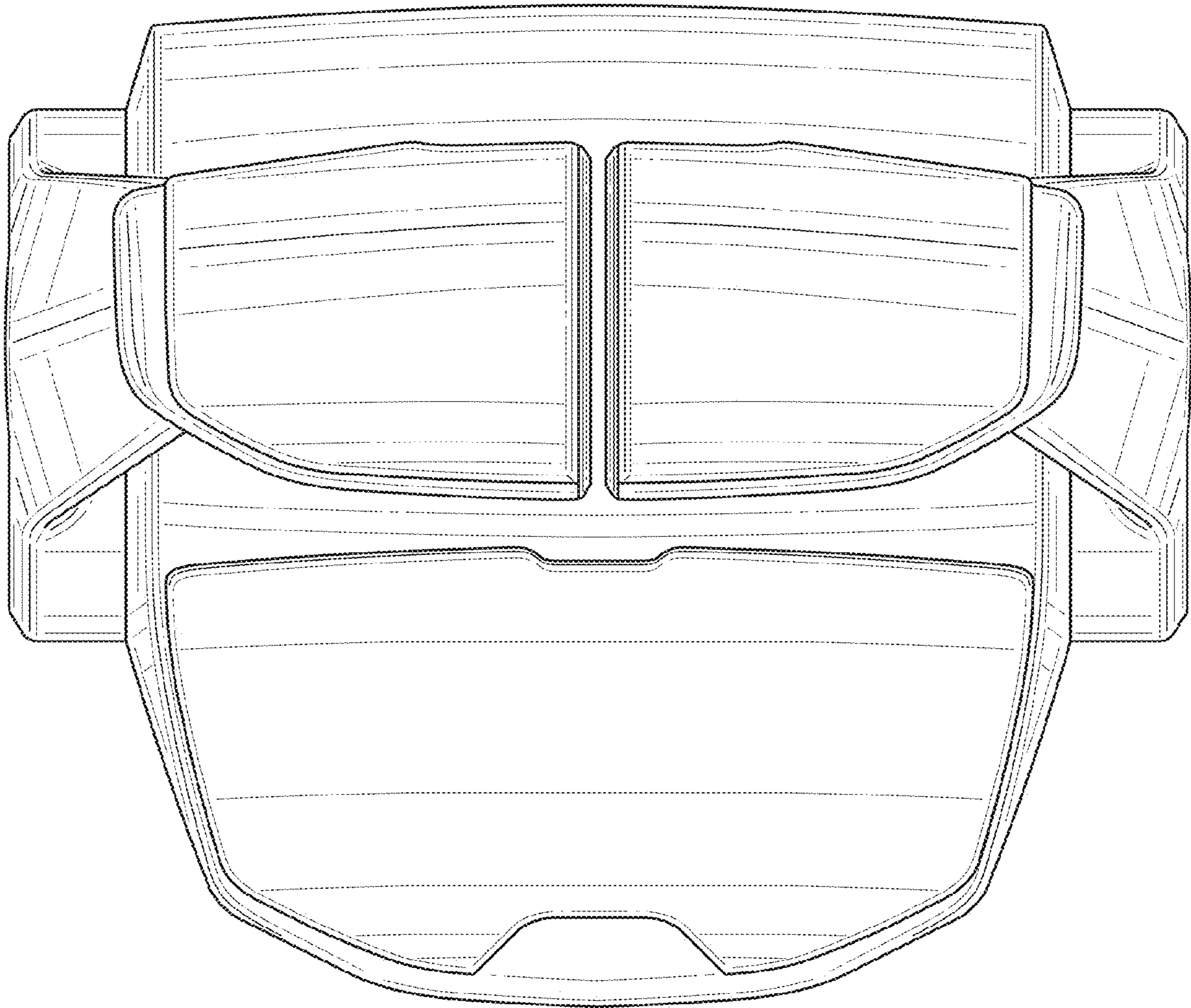


FIG. 6

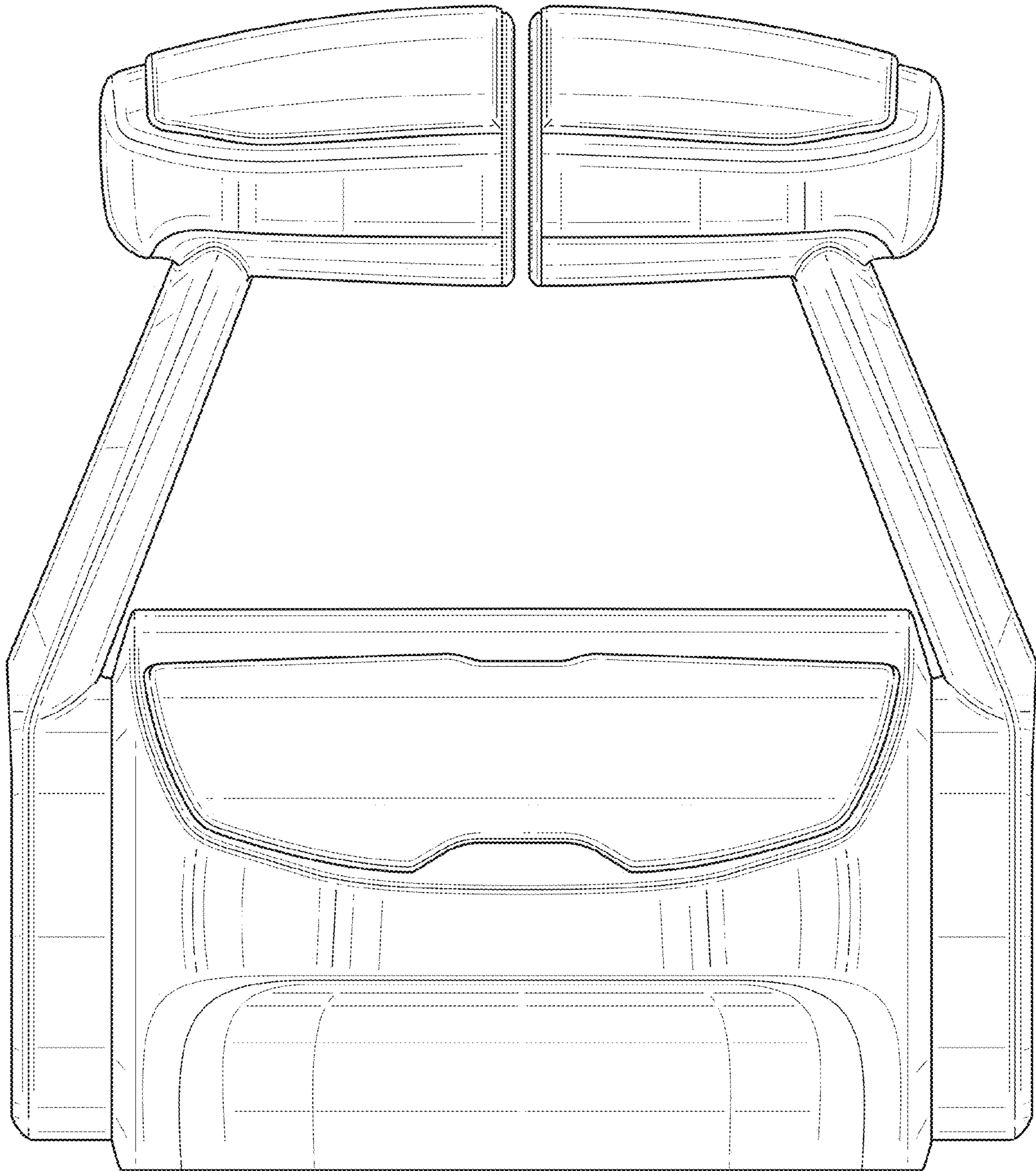


FIG. 7

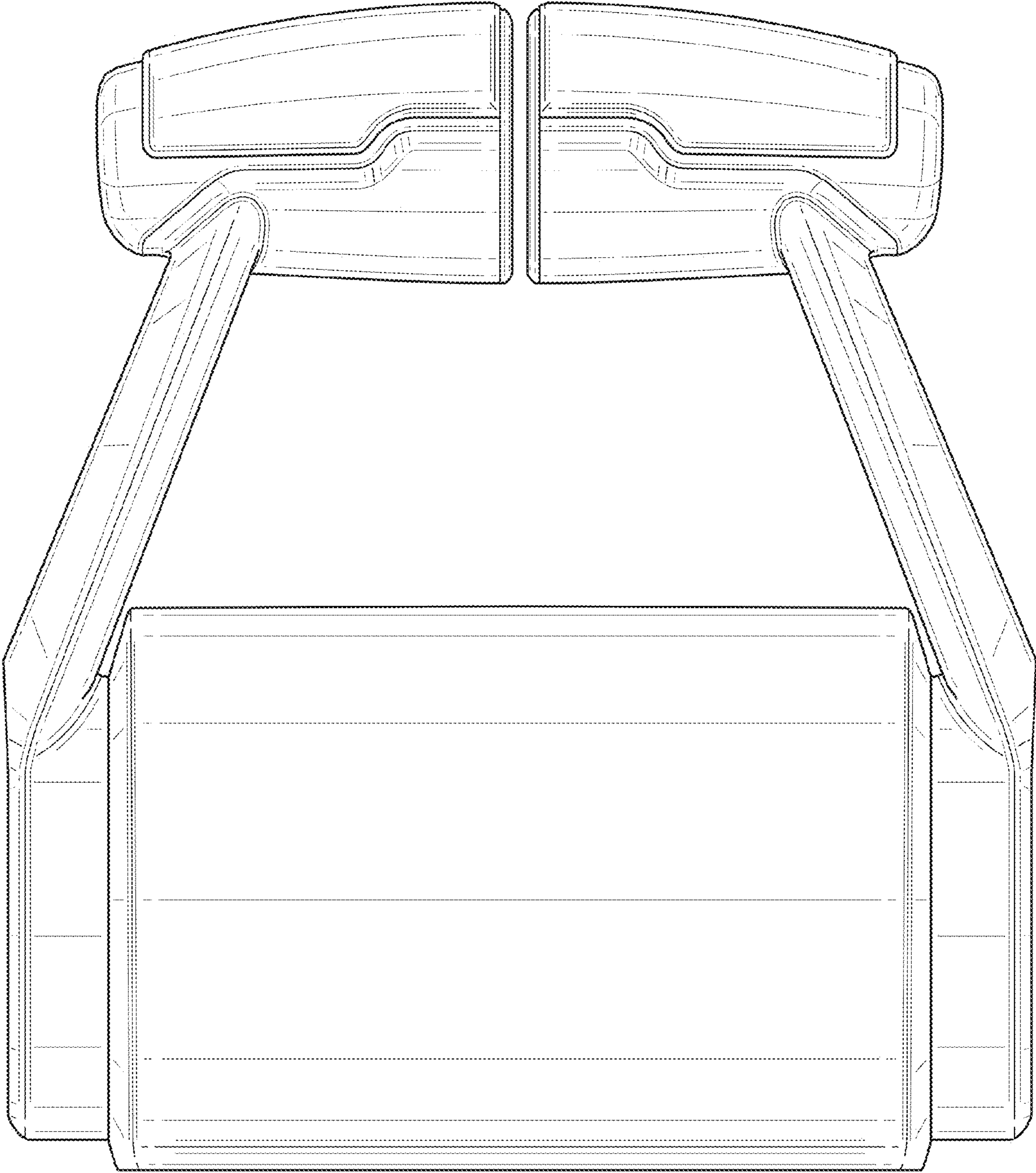


FIG. 8