



US00D974815S

(12) **United States Design Patent**
Bodman

(10) **Patent No.:** **US D974,815 S**
(45) **Date of Patent:** **** Jan. 10, 2023**

- (54) **UNITARY SWIVEL**
- (71) Applicant: **Mobb Health Care Ltd Corporation**,
Concord (CA)
- (72) Inventor: **Moshe Bodman**, Toronto (CA)
- (73) Assignee: **Mobb Health Care Ltd Corporation**
- (**) Term: **15 Years**
- (21) Appl. No.: **29/813,896**
- (22) Filed: **Nov. 2, 2021**
- (51) **LOC (14) Cl.** **06-06**
- (52) **U.S. Cl.**
USPC **D6/716.1**
- (58) **Field of Classification Search**
USPC D6/334-336, 349, 371, 372, 373, 374,
D6/376, 377, 379, 380, 716, 716.1, 716.2,
D6/716.3, 716.7; D23/303, 304
CPC A47C 4/03; A47C 4/18; A47C 4/20; A47C
5/12; A47C 3/38; A47C 1/04; A47C 5/00;
A47C 7/02; A47C 15/00; A47C 3/023;
A47C 1/14; A47C 3/18; A47C 3/185;
A47C 4/42; A47C 7/54; A47C 7/546;
A47K 3/12; A47K 3/122; A47K 3/282;
B60N 2/10; B60N 2/14; B60N 2/146
See application file for complete search history.

- (56) **References Cited**
U.S. PATENT DOCUMENTS

3,405,411 A 10/1968 Brown
3,574,242 A 4/1971 Trowbridge
3,969,778 A 7/1976 Richards
4,196,480 A 4/1980 Guenther et al.
(Continued)

- FOREIGN PATENT DOCUMENTS**

DE 10136218 5/2003
JP 2006109893 4/2006

Primary Examiner — Mimosa De
(74) *Attorney, Agent, or Firm* — Greg M. Popowitz;
Assouline & Berlowe, P.A

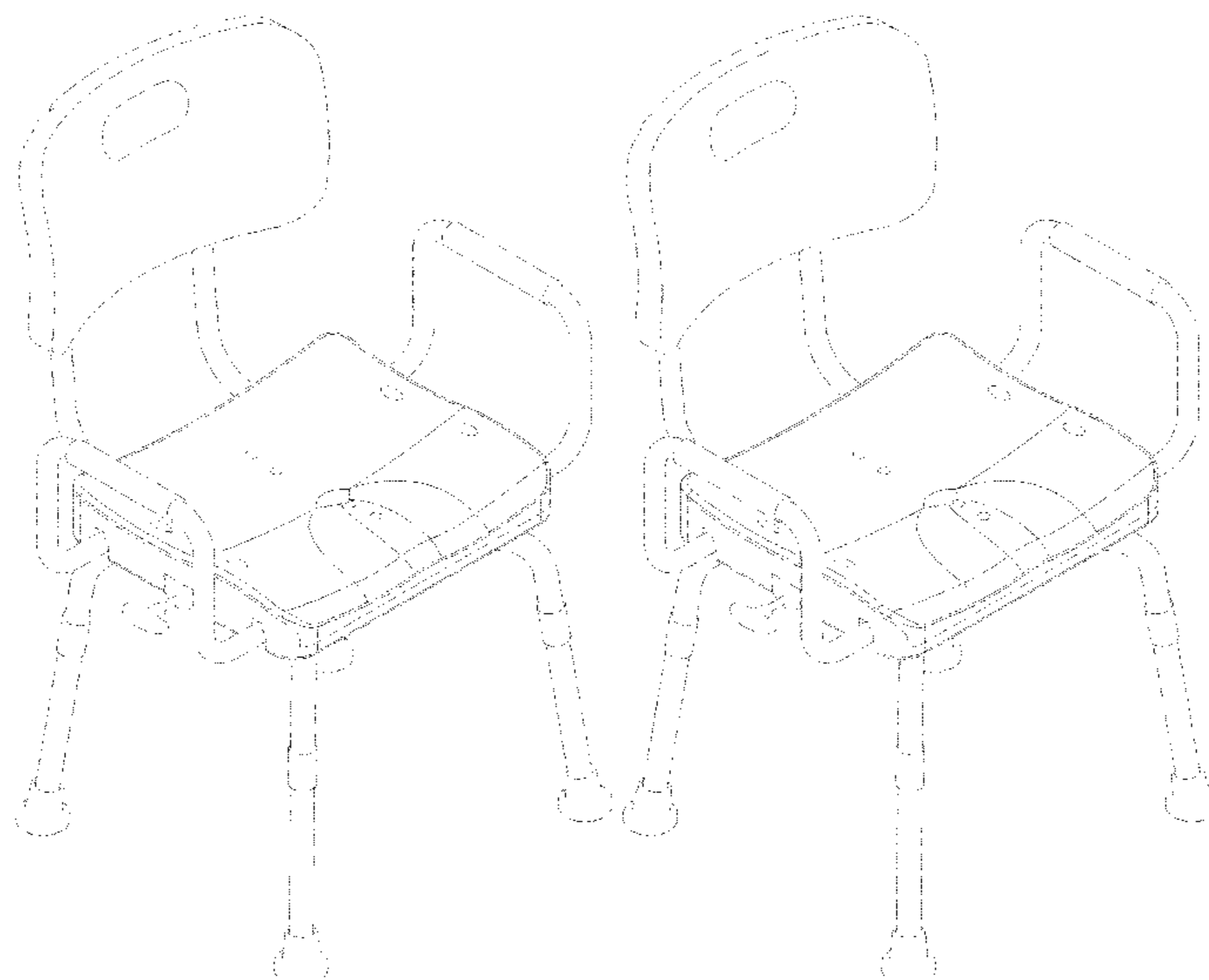
(57) **CLAIM**

The ornamental design for a unitary swivel, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of a first embodiment of a unitary swivel with a lid on the top of the seat and without the cross cutout on the bottom of the seat.
 FIG. 2 is a rear perspective view thereof.
 FIG. 3 is a top view thereof.
 FIG. 4 is a bottom view thereof, showing the cross-section location of FIGS. 5 and 6.
 FIG. 5 is a left cross section view thereof.
 FIG. 6 is a right cross section view thereof.
 FIG. 7 is a left side view thereof.
 FIG. 8 is a right side view thereof.
 FIG. 9 is a front view thereof.
 FIG. 10 is a rear view thereof.
 FIG. 11 is a front perspective view of a second embodiment of a unitary swivel with a lid on the top of the seat and with the cross cutout on the bottom of the seat.
 FIG. 12 is a rear perspective view thereof.
 FIG. 13 is a top view thereof.
 FIG. 14 is a bottom view thereof, showing the cross section location of FIGS. 15 and 16.
 FIG. 15 is a left cross section view thereof.
 FIG. 16 is a right cross section view thereof.
 FIG. 17 is a left side view thereof.
 FIG. 18 is a right side view thereof.
 FIG. 19 is a front view thereof; and,
 FIG. 20 is a rear view thereof.
 The illustrative broken lines depict environmental subject matter that form no part of the present claimed design.
 FIGS. 3-10 and 13-20 are shown in enlarged scale, without environmental structure for ease of illustration.

1 Claim, 14 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

4,343,052 A 8/1982 Guenther
 4,715,069 A 12/1987 James
 4,824,170 A 4/1989 Goldmeier
 4,882,791 A 11/1989 Kimes
 4,971,392 A 11/1990 Young
 D319,303 S 8/1991 Barrett, Sr.
 5,078,451 A 1/1992 Sobel
 D336,682 S 6/1993 Francke et al.
 5,479,668 A 1/1996 Cooper
 D434,254 S * 11/2000 Turner D6/716.1
 6,212,695 B1 4/2001 Arduini
 6,302,483 B1 10/2001 Ricaud
 6,349,423 B1 2/2002 Kelleher
 RE37,927 E 12/2002 Fitch
 D478,750 S * 8/2003 Gilbert D6/374
 D478,752 S * 8/2003 Gilbert D6/716.1
 6,890,033 B1 5/2005 Casella'
 D519,291 S * 4/2006 Higgs A47K 3/282
 D526,135 S 8/2006 Murphy
 D544,235 S 6/2007 Chen

D574,636 S * 8/2008 Peng D6/716.7
 D622,974 S 9/2010 Igarashi
 8,402,572 B2 3/2013 Herasimtschuk
 9,072,384 B2 7/2015 Saint Pierre
 9,375,090 B2 6/2016 Gambino
 D799,702 S 10/2017 Wong
 D800,319 S 10/2017 Wong
 D817,019 S 5/2018 Borrelli
 2002/0117878 A1 8/2002 Fox
 2004/0070238 A1 * 4/2004 Moser A47K 3/282
 297/183.9
 2005/0179304 A1 * 8/2005 Serhan A47K 3/282
 297/440.24
 2008/0136244 A1 * 6/2008 Cheng A47C 7/546
 297/411.26
 2009/0140564 A1 6/2009 Tseng
 2009/0193576 A1 * 8/2009 Hsiao A47K 3/122
 4/578.1
 2013/0022482 A1 1/2013 Schober
 2014/0252824 A1 9/2014 Saint Pierre
 2020/0085243 A1 * 3/2020 Lin A47K 3/122
 2022/0095849 A1 * 3/2022 Smith A47K 3/282

* cited by examiner

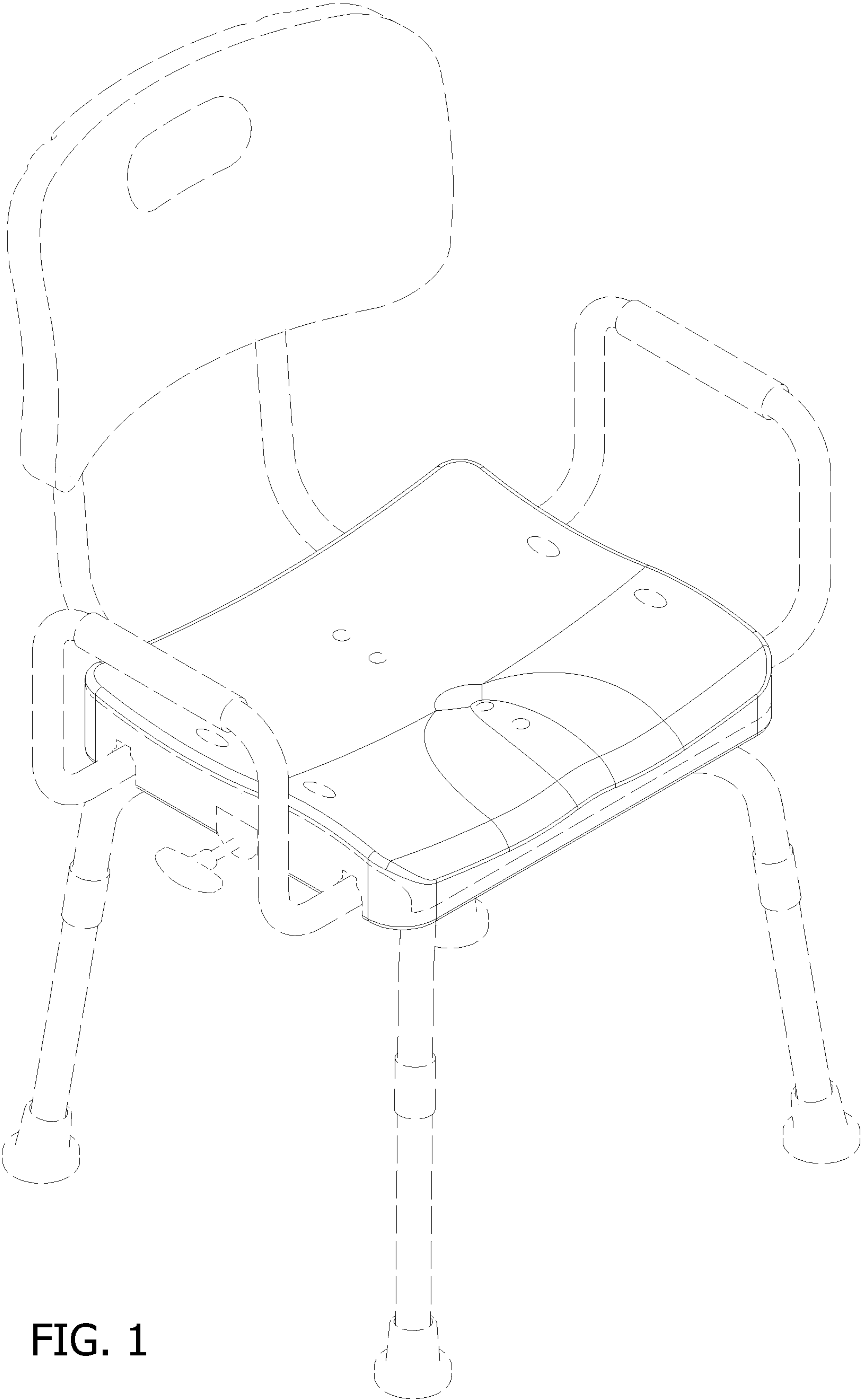


FIG. 1

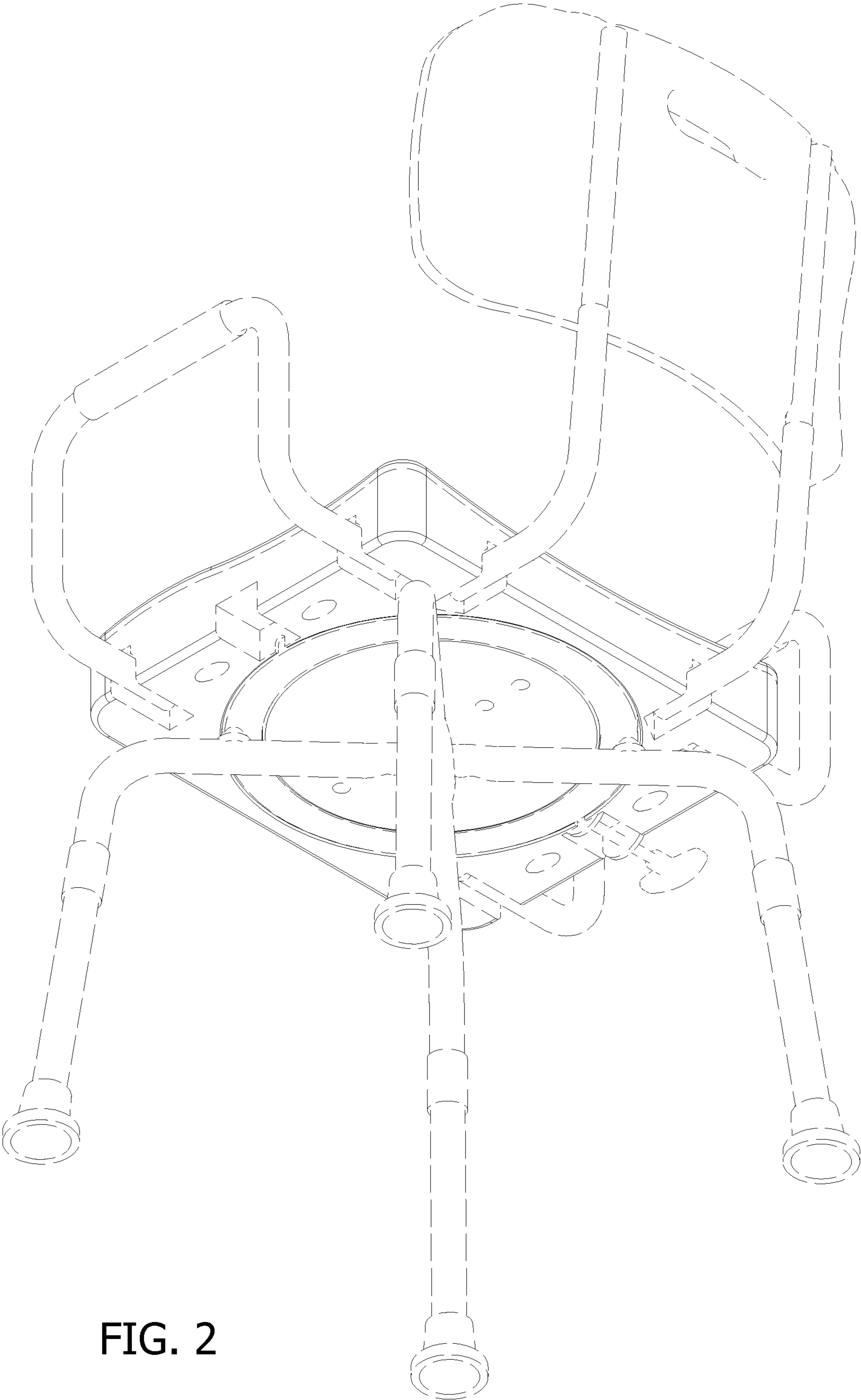


FIG. 2

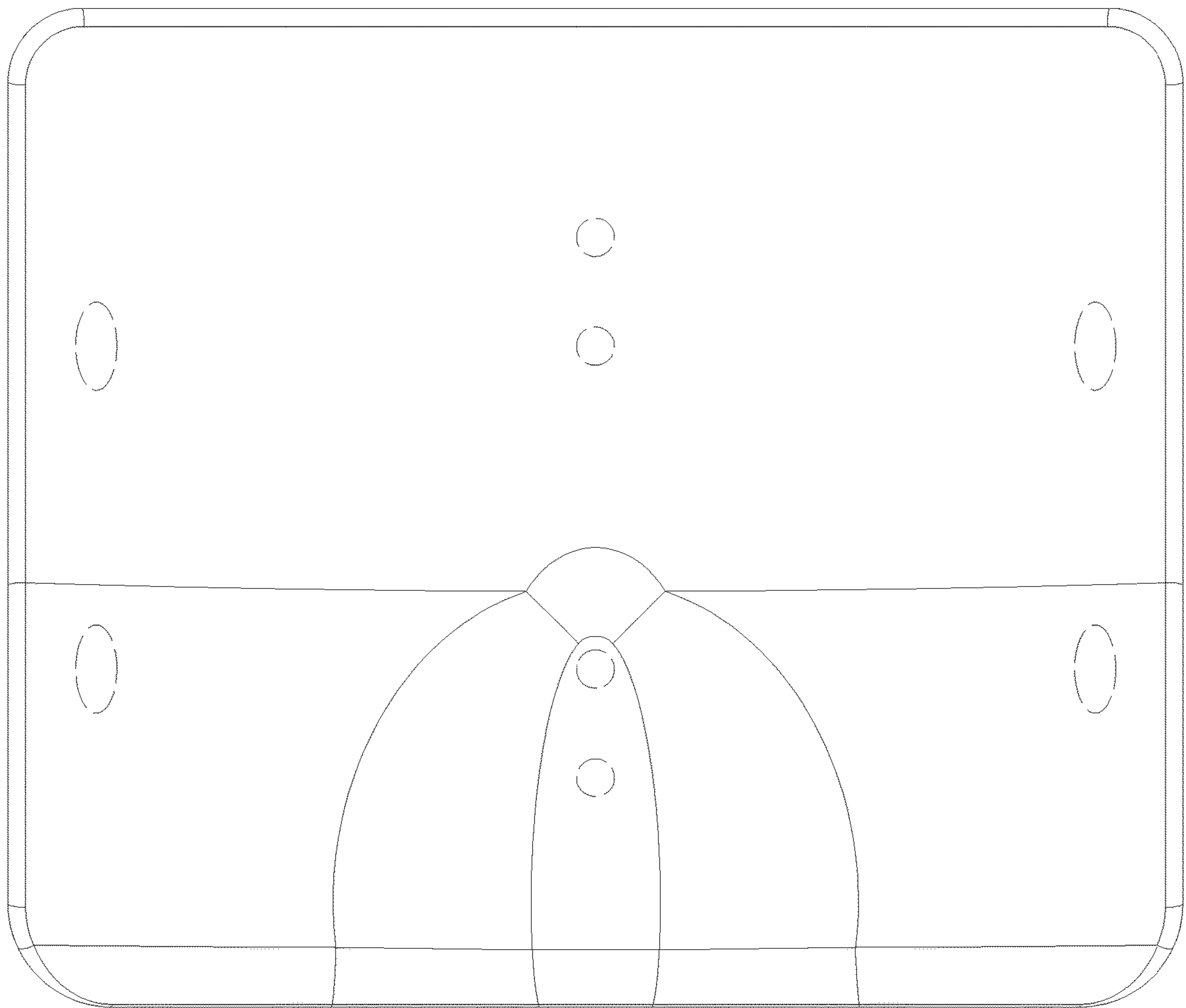


FIG. 3

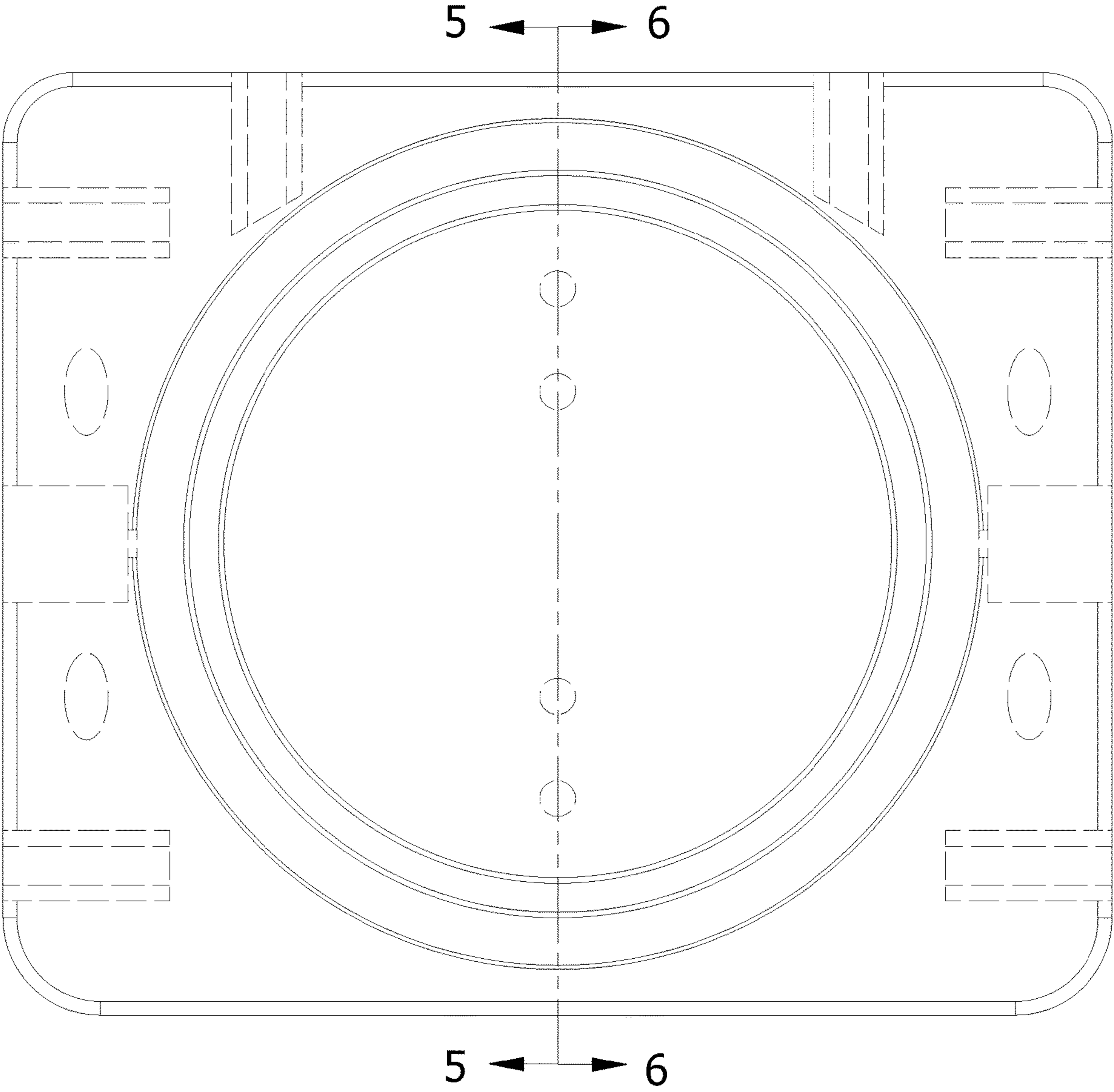


FIG. 4

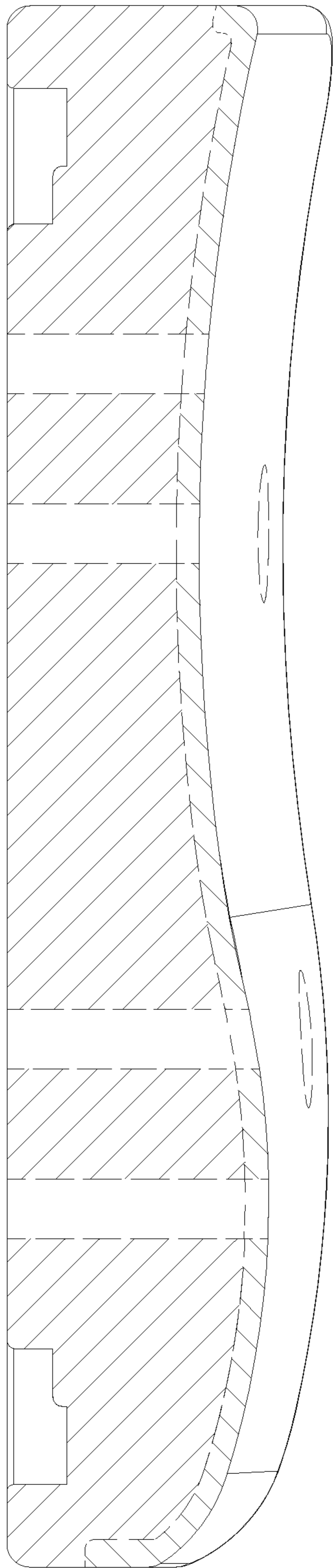


FIG. 5

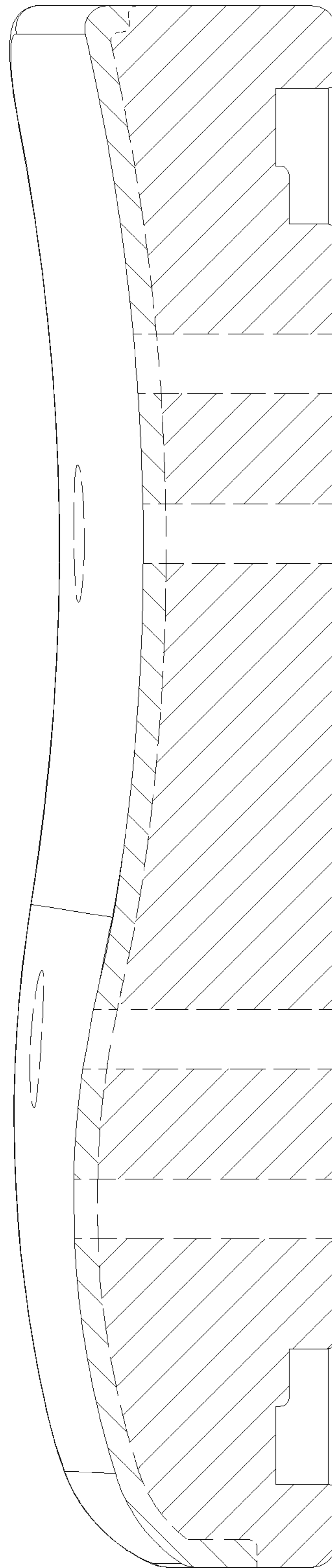


FIG. 6

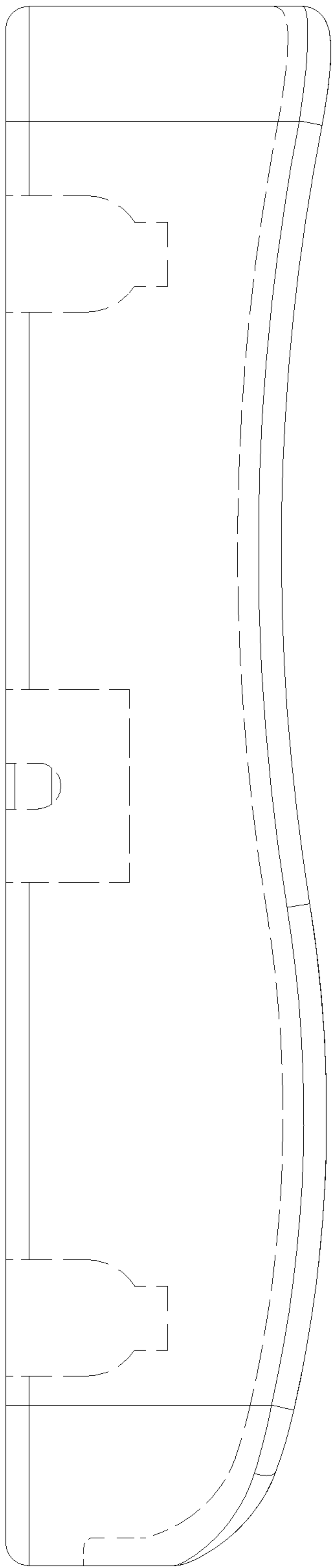


FIG. 7

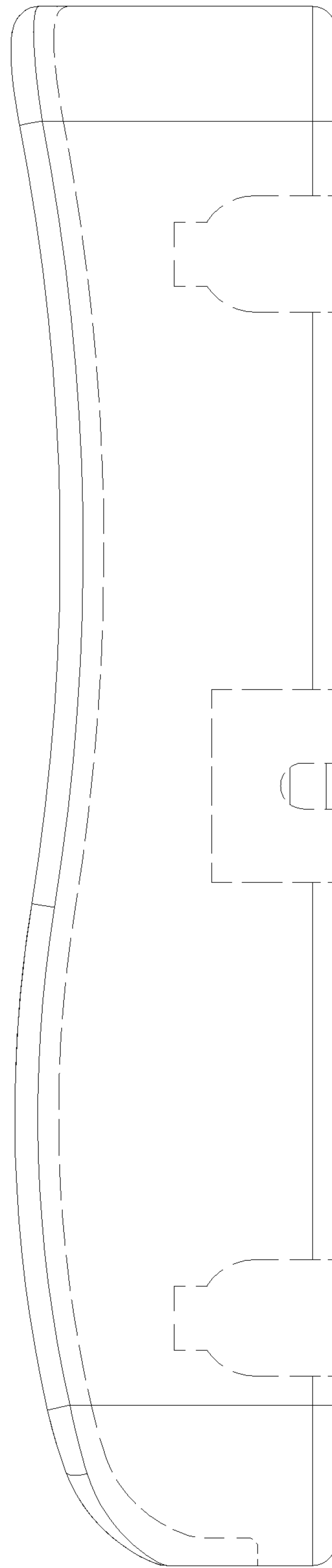


FIG. 8

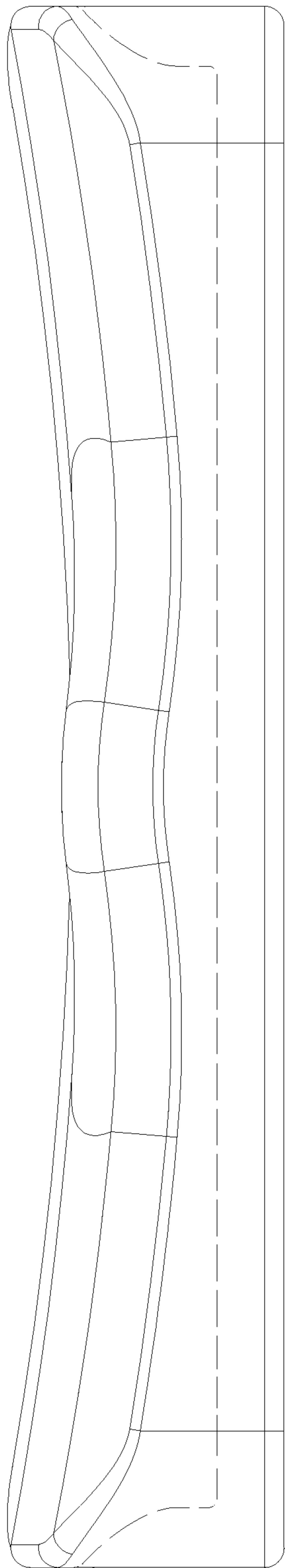


FIG. 9

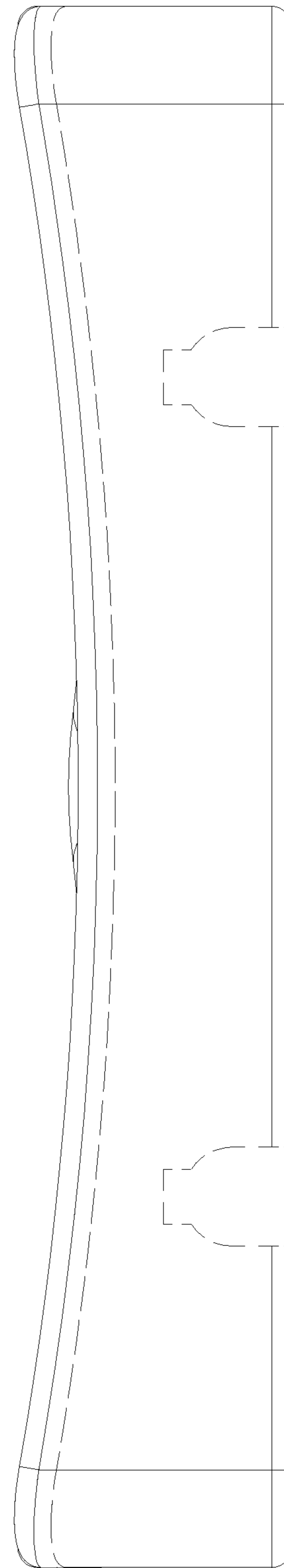


FIG. 10

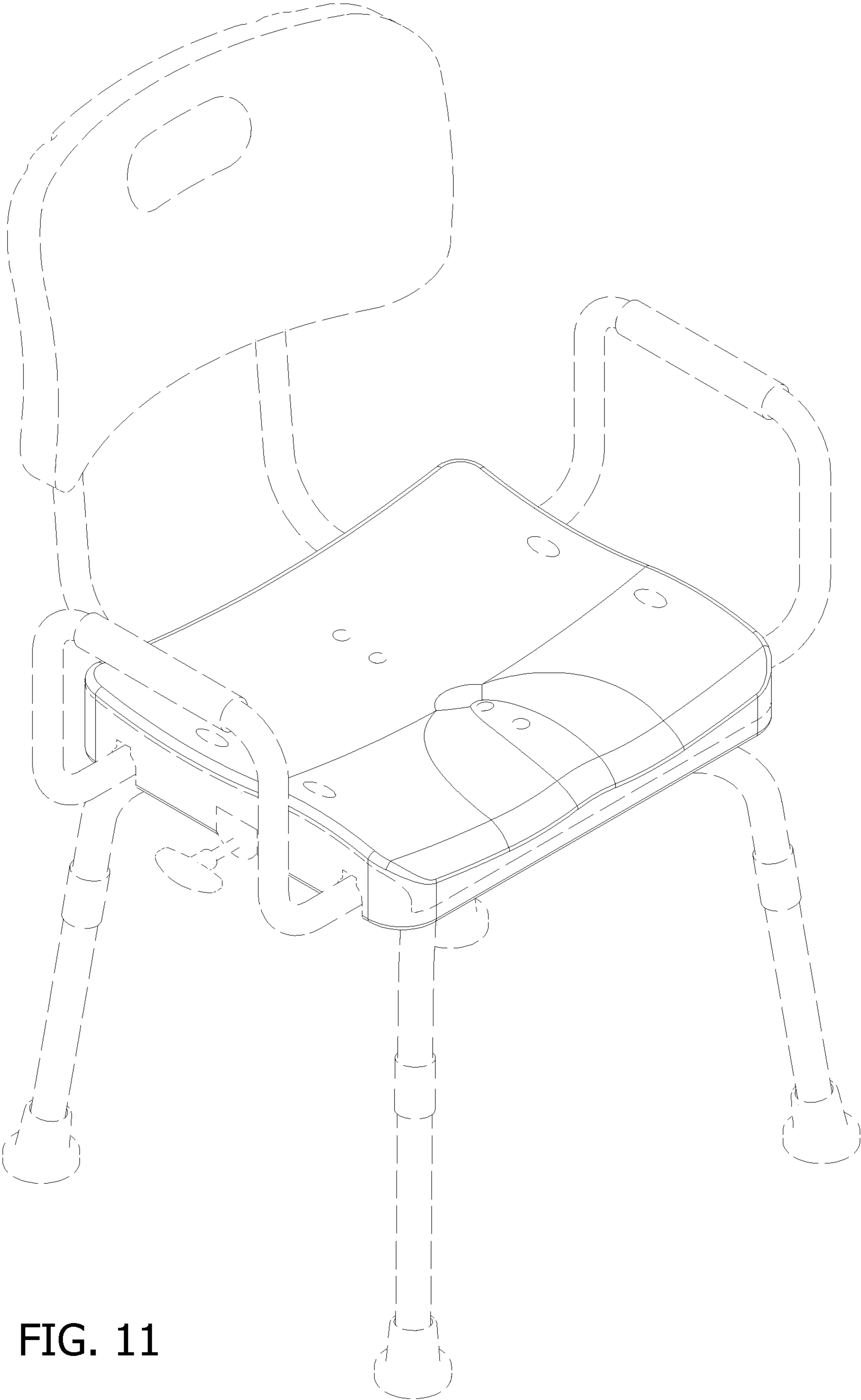


FIG. 11

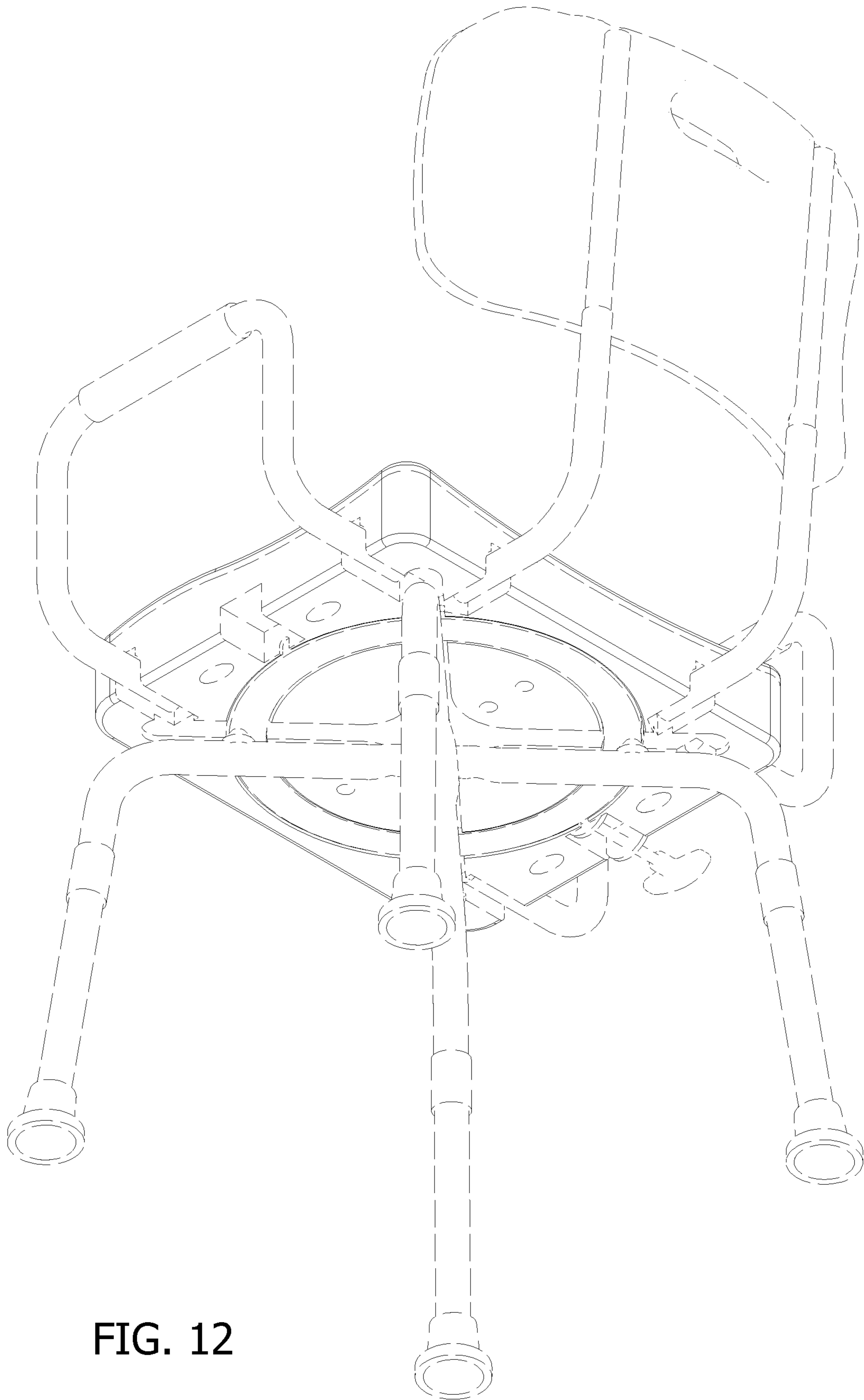


FIG. 12

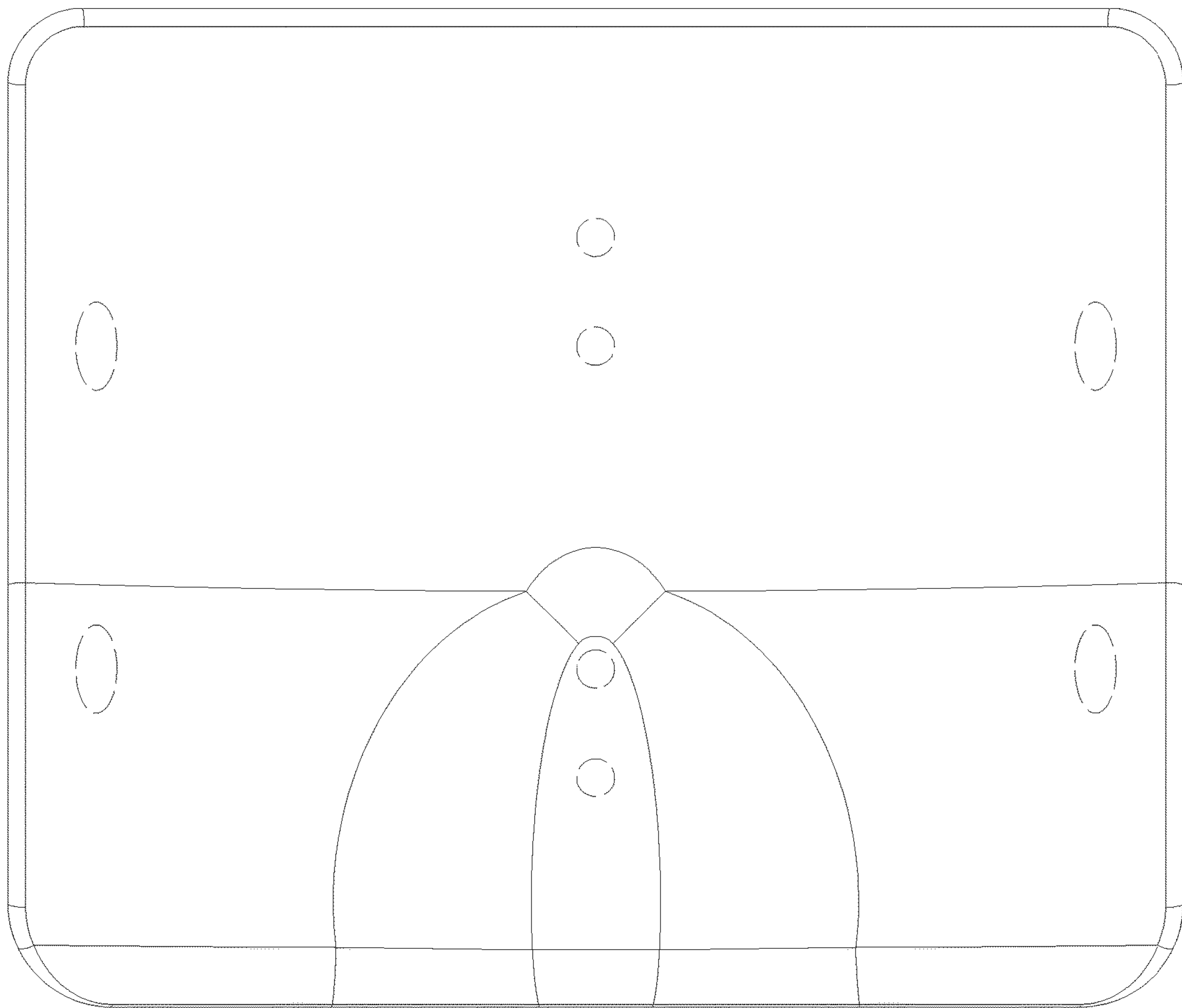


FIG. 13

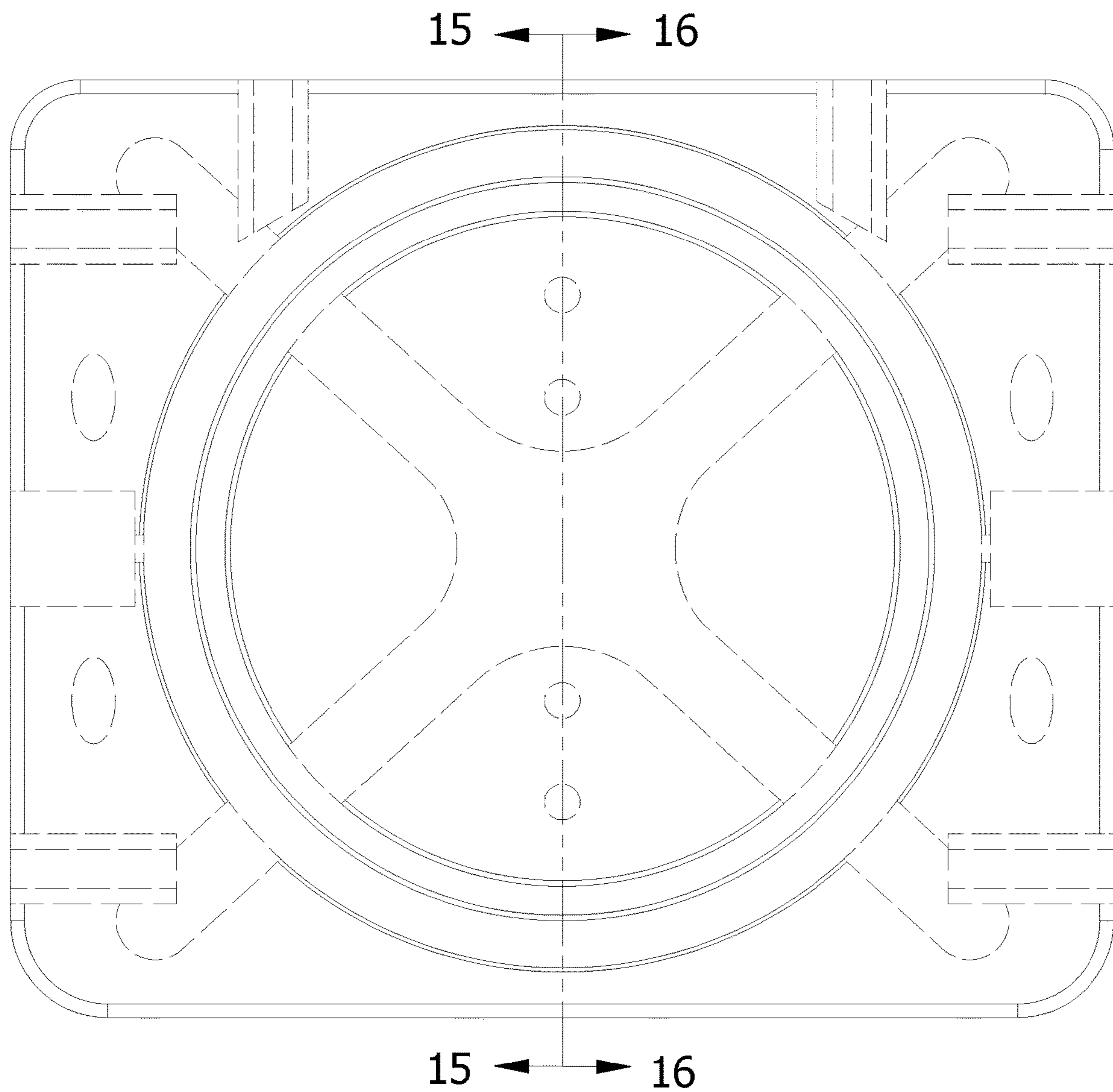


FIG. 14

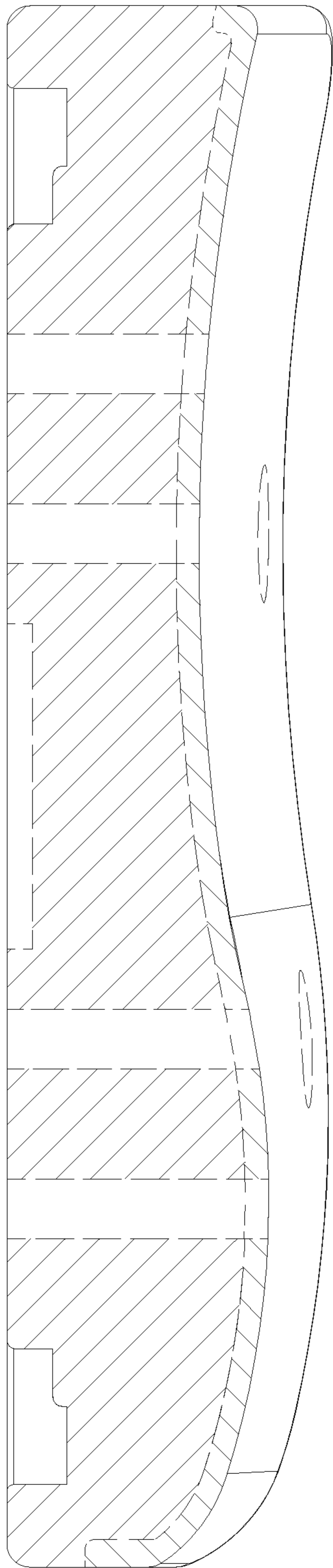


FIG. 15

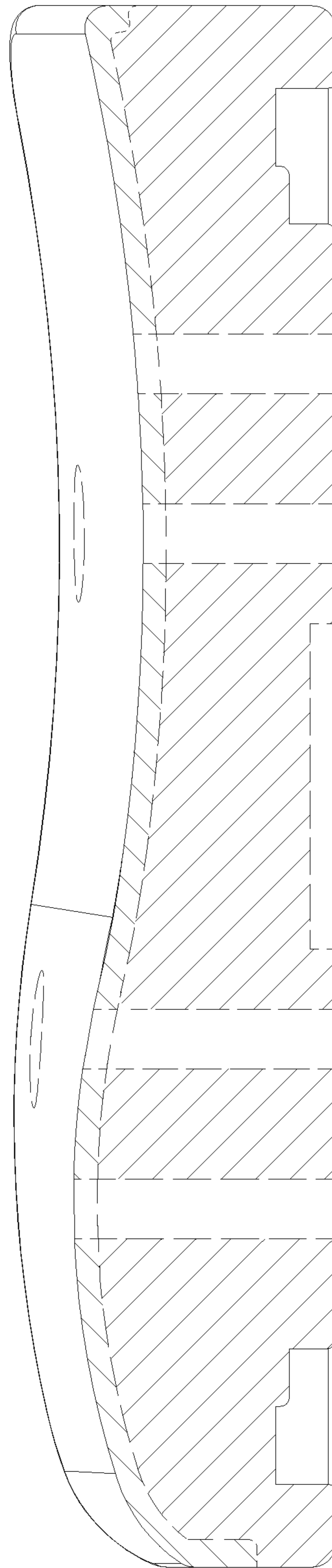


FIG. 16

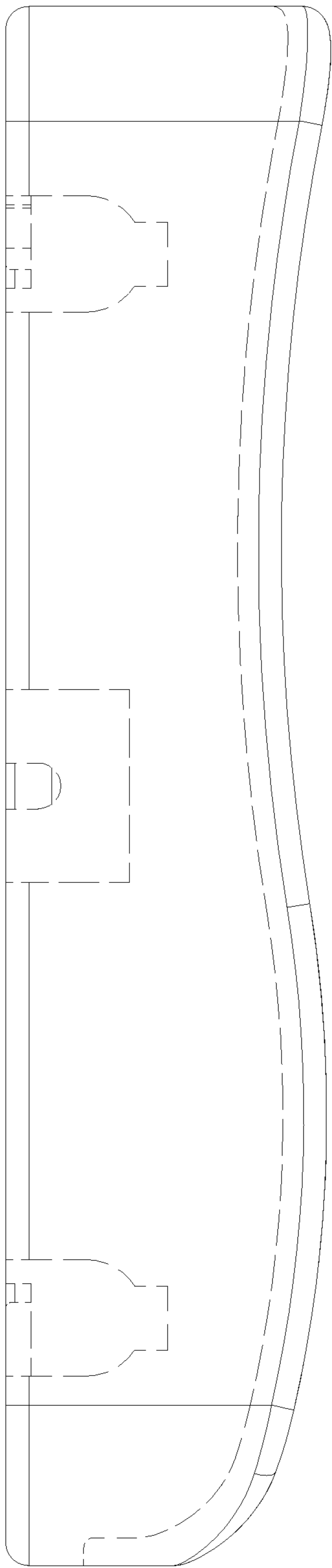


FIG. 17

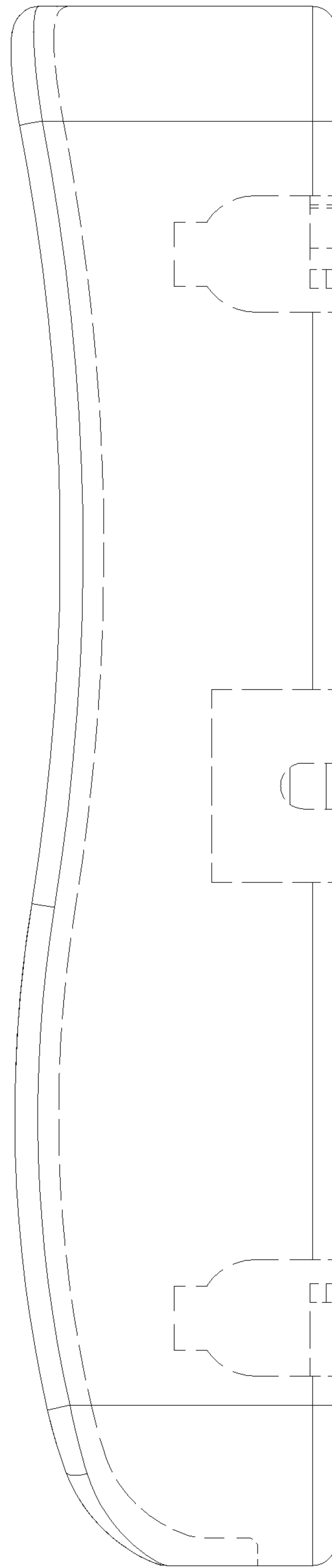


FIG. 18

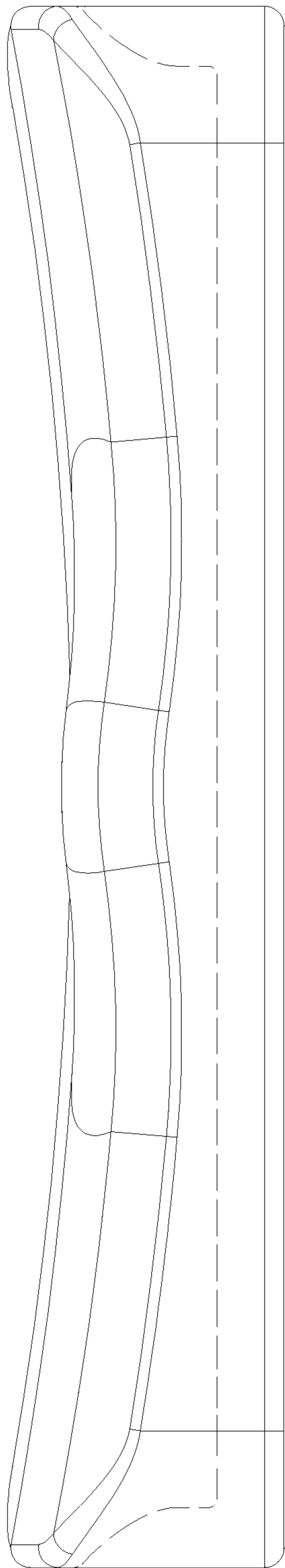


FIG. 19

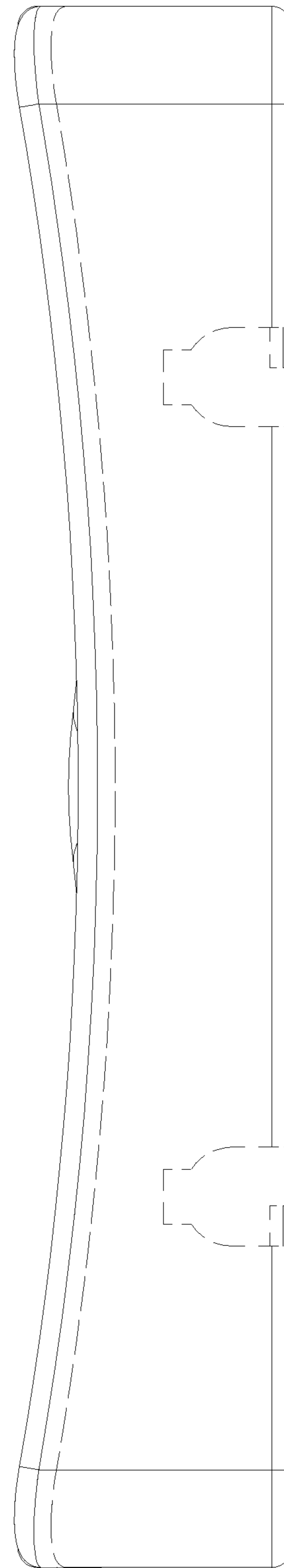


FIG. 20