



US00D752816S

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

(10) **Patent No.:** **US D752,816 S**  
(45) **Date of Patent:** **\*\* Mar. 29, 2016**

(54) **HEARING PROTECTOR**

(71) Applicant: **3M INNOVATIVE PROPERTIES COMPANY**, St. Paul, MN (US)  
(72) Inventors: **Douglas D. Fletcher**, Woodbury, MN (US); **Brenda M. Bonney**, Woodbury, MN (US); **Lindsay J. Adams**, Rosemount, MN (US); **Nicolas A. Echeverri**, Woodbury, MN (US); **Oscar M. Hemberg**, Dalarö (SE); **Eric O. Hemberg**, Shatin (HK)

(73) Assignee: **3M INNOVATIVE PROPERTIES COMPANY**, St. Paul, MN (US)

(\*\*) Term: **14 Years**

(21) Appl. No.: **29/497,271**

(22) Filed: **Jul. 22, 2014**

(51) **LOC (10) Cl.** ..... **29-02**

(52) **U.S. Cl.**  
USPC ..... **D29/112**

(58) **Field of Classification Search**  
USPC ..... D29/100, 102, 105, 106, 108, 112, 122; 2/455, 410, 417, 423, 424, 425, 9, 171, 2/208, 209, 918; D14/205, 223, 249; 181/129, 130, 135; 379/430, 431; 381/380, 381; 455/90.3, 575.1  
CPC ..... A42B 3/16; A42B 3/163; A42B 3/166; A61F 11/06; A61F 11/08; A61F 11/10; A61F 11/12; A61F 11/14; A61F 2011/085; H04R 1/10; H04R 1/1008; H04R 1/1016; H04R 1/105; H04R 1/1058; H04R 1/1066; H04R 1/1075; H04R 1/1083; H04R 25/0335; H04R 25/652; H04R 25/654; H04R 25/656; A63B 71/10

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,883,671 A \* 4/1959 Hornickel ..... A61F 11/14  
128/866  
2,981,958 A \* 5/1961 Wadsworth ..... A61F 11/14  
2/209  
3,051,961 A \* 9/1962 Clark ..... A61F 11/14  
181/129

(Continued)

FOREIGN PATENT DOCUMENTS

CN 302483594 6/2013  
CN 302672104 12/2013

(Continued)

OTHER PUBLICATIONS

U.S. Appl. No. 29/485,689, filed Mar. 21, 2014, entitled Hearing Protector.

(Continued)

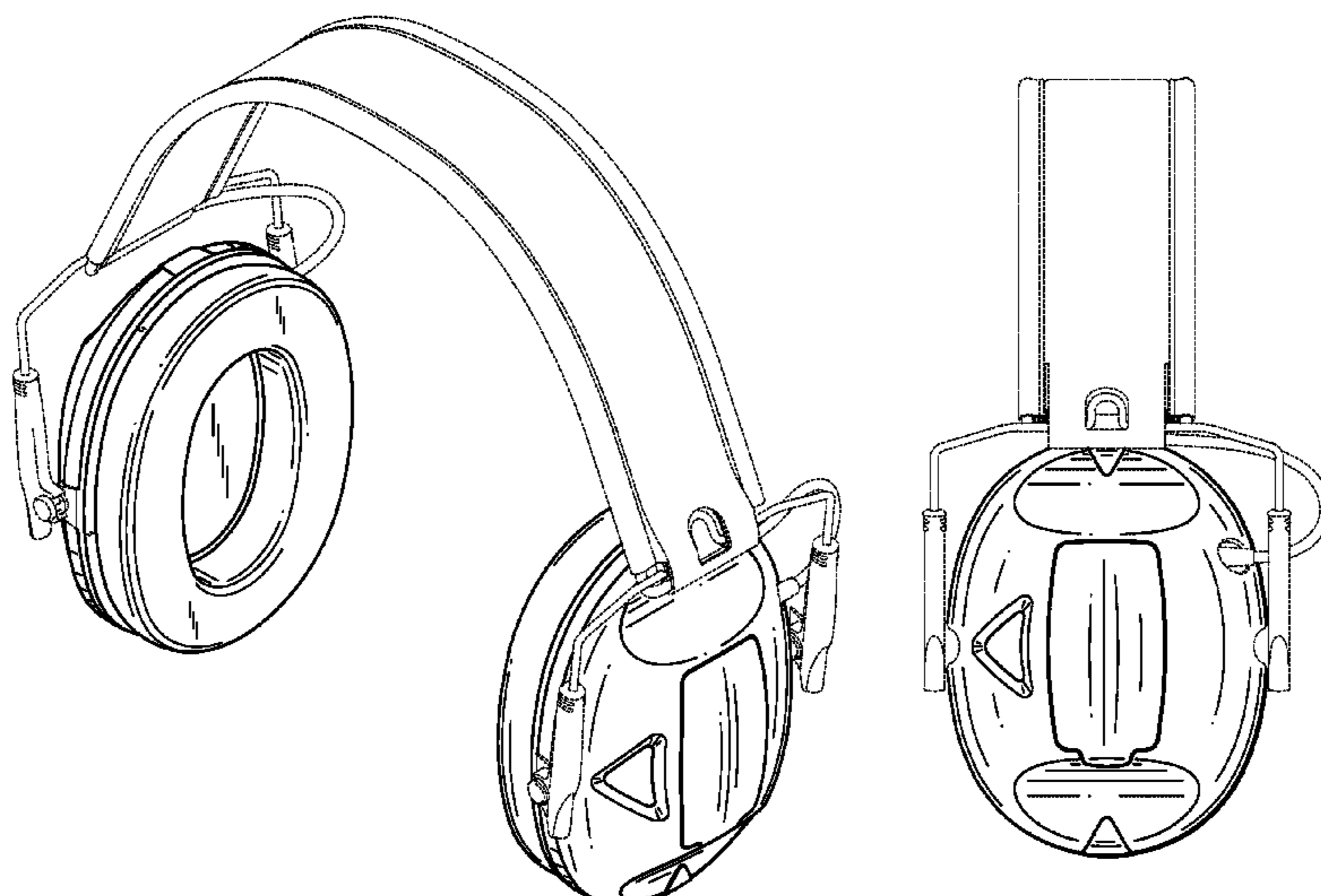
*Primary Examiner* — Elizabeth J Oswecki  
(74) *Attorney, Agent, or Firm* — Irina Hass

(57) **CLAIM**  
The ornamental design for a hearing protector, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a hearing protector showing our new design;  
FIG. 2 is a right side view thereof;  
FIG. 3 is a left side view thereof;  
FIG. 4 is a front view thereof;  
FIG. 5 is a top view thereof;  
FIG. 6 is a bottom view thereof;  
FIG. 7 is a rear view thereof; and,  
FIG. 8 is a perspective view thereof showing the hearing protector in a folded position.  
The portions of the hearing protector in FIGS. 1-8 shown in broken lines are included to show features that form no part of the claimed design.

**1 Claim, 4 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

3,085,253 A \* 4/1963 Ulrich ..... A61F 11/14  
181/256  
3,104,398 A \* 9/1963 Georg ..... A61F 11/14  
2/209  
3,681,540 A \* 8/1972 Thomson ..... H04R 5/0335  
381/374  
D298,670 S \* 11/1988 Palmaer ..... D29/112  
D313,092 S \* 12/1990 Nilsson ..... D29/112  
D375,584 S \* 11/1996 Westerdal ..... D29/112  
D385,665 S \* 10/1997 Westerdal ..... D29/112  
D403,126 S \* 12/1998 Scanlon et al. .... D29/112  
D411,200 S \* 6/1999 Almqvist ..... D14/192  
D434,191 S \* 11/2000 Emilsson ..... D29/112  
6,654,966 B2 \* 12/2003 Rolla ..... H04R 5/0335  
2/209  
D509,323 S \* 9/2005 Emilsson ..... D29/112  
7,172,052 B2 \* 2/2007 Lenhard-Backhaus H04R 1/1066  
181/129

D541,483 S \* 4/2007 Birgersson et al. .... D29/112  
D547,500 S \* 7/2007 Karrman ..... D29/112  
D616,865 S \* 6/2010 Marchand et al. .... D14/205  
D648,706 S 11/2011 Gresko  
D651,764 S \* 1/2012 Gresko et al. .... D29/112  
D701,193 S \* 3/2014 Kelly et al. .... D14/205

FOREIGN PATENT DOCUMENTS

JP	D1391657	7/2010
JP	D1485996	12/2013
JP	1525677	5/2015
TW	D158835	2/2014

OTHER PUBLICATIONS

U.S. Appl. No. 29/471,083, filed Oct. 28, 2013, entitled Hearing Protector.  
Dealerscope, No. 9, vol. 55, 2 pages, Aug. 2013.  
Kingfisher, Homepage, 4 pages, Nov. 25, 2014.

\* cited by examiner

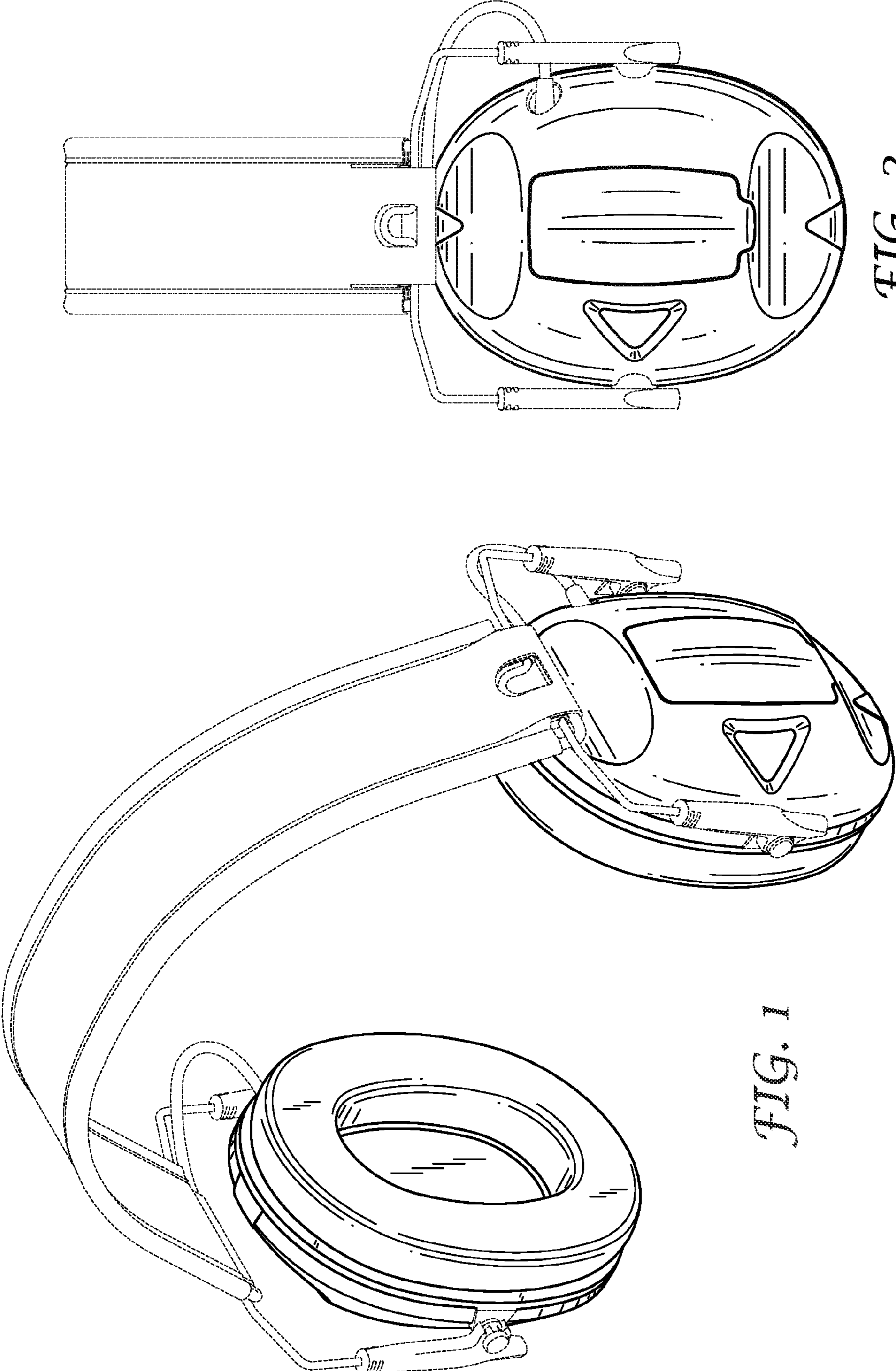


FIG. 2

FIG. 1

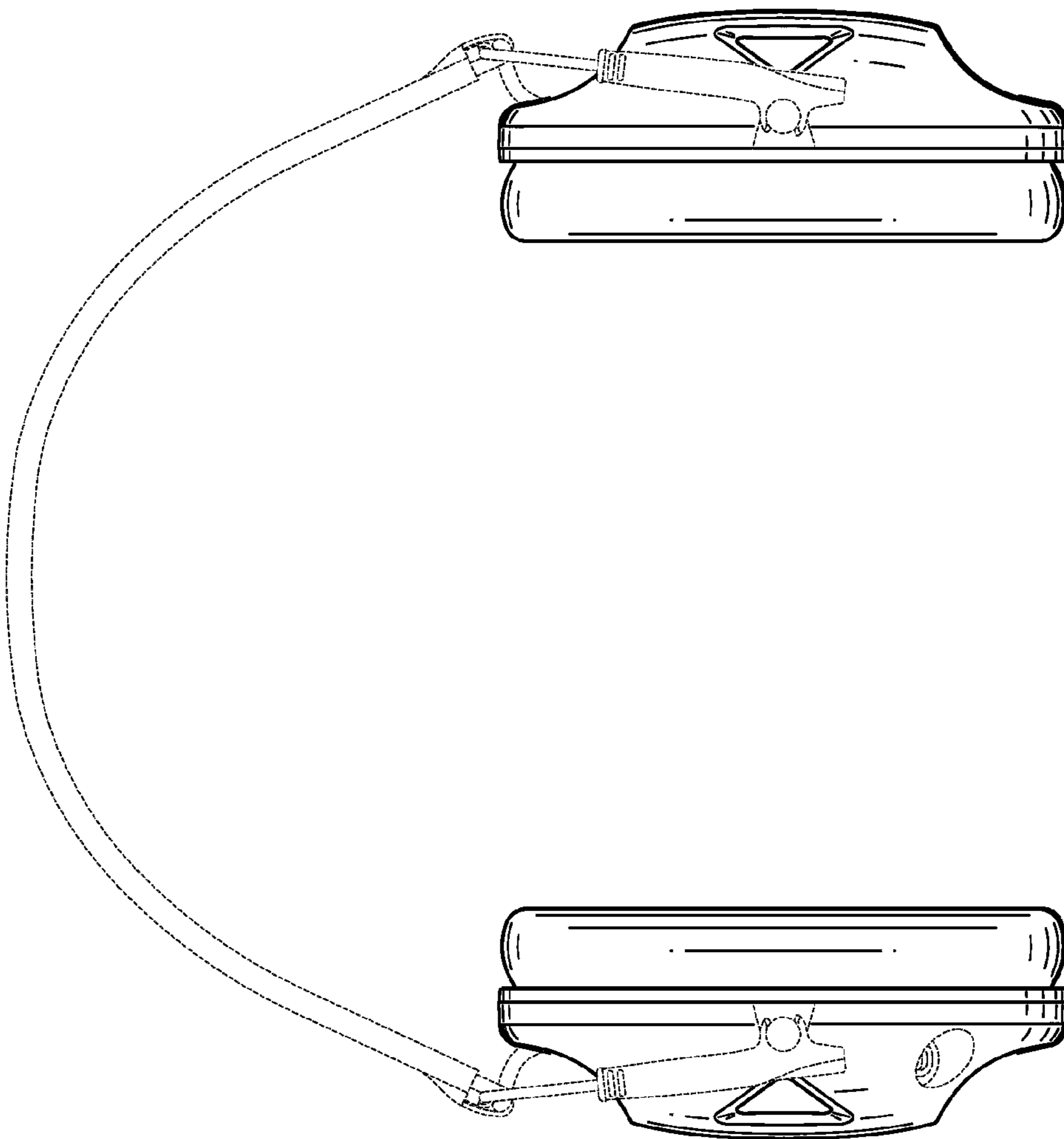


FIG. 4

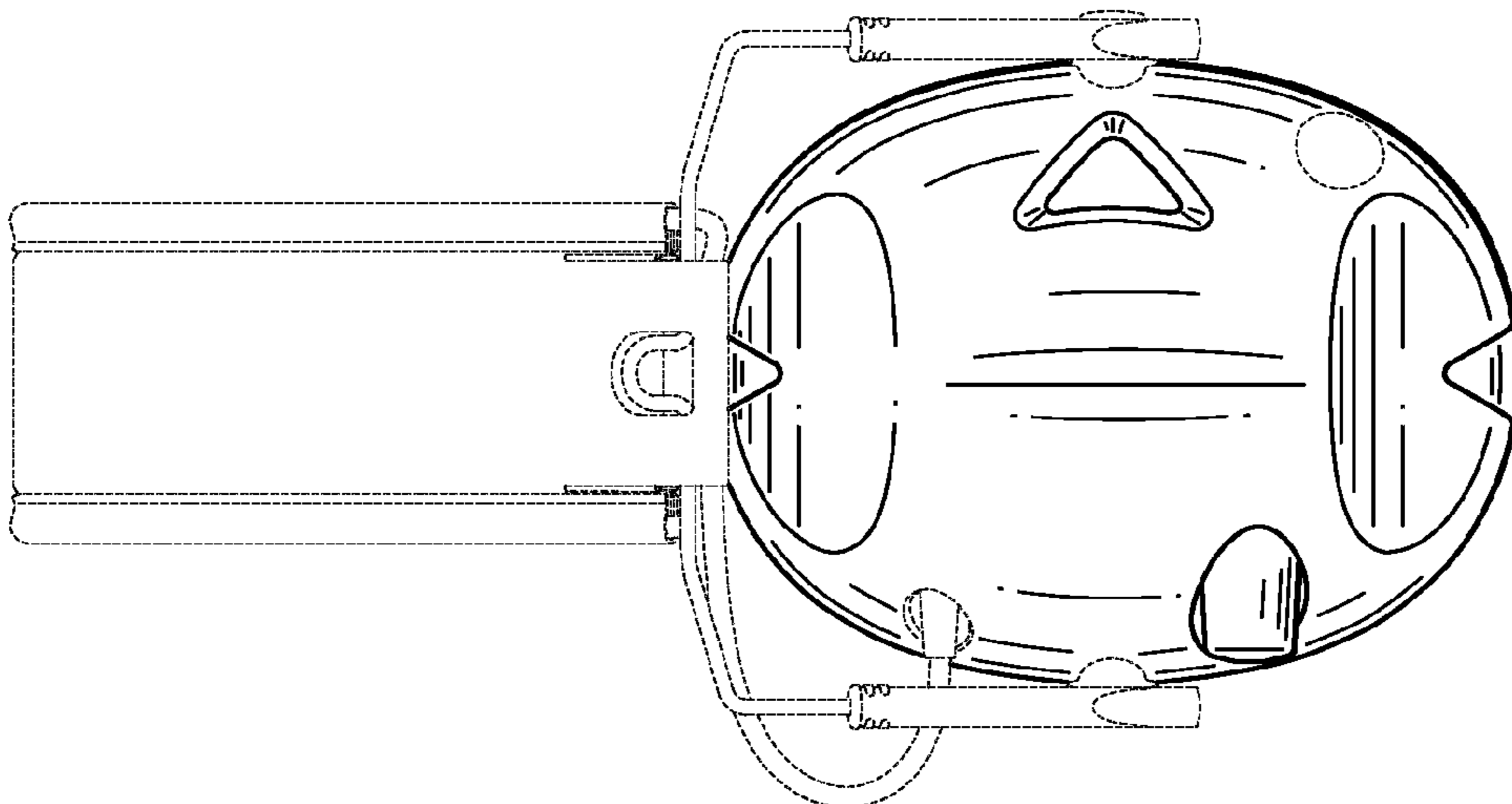
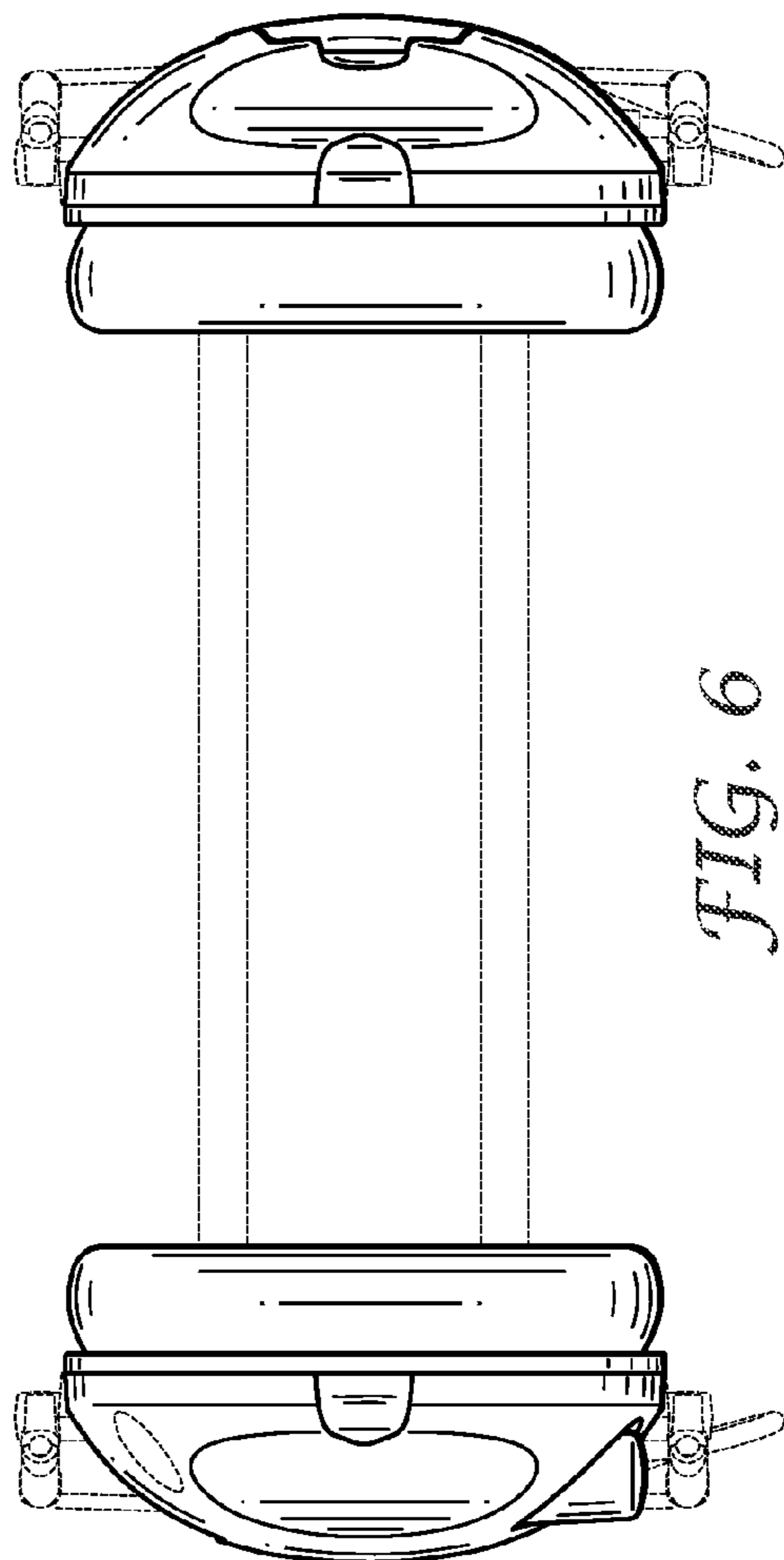
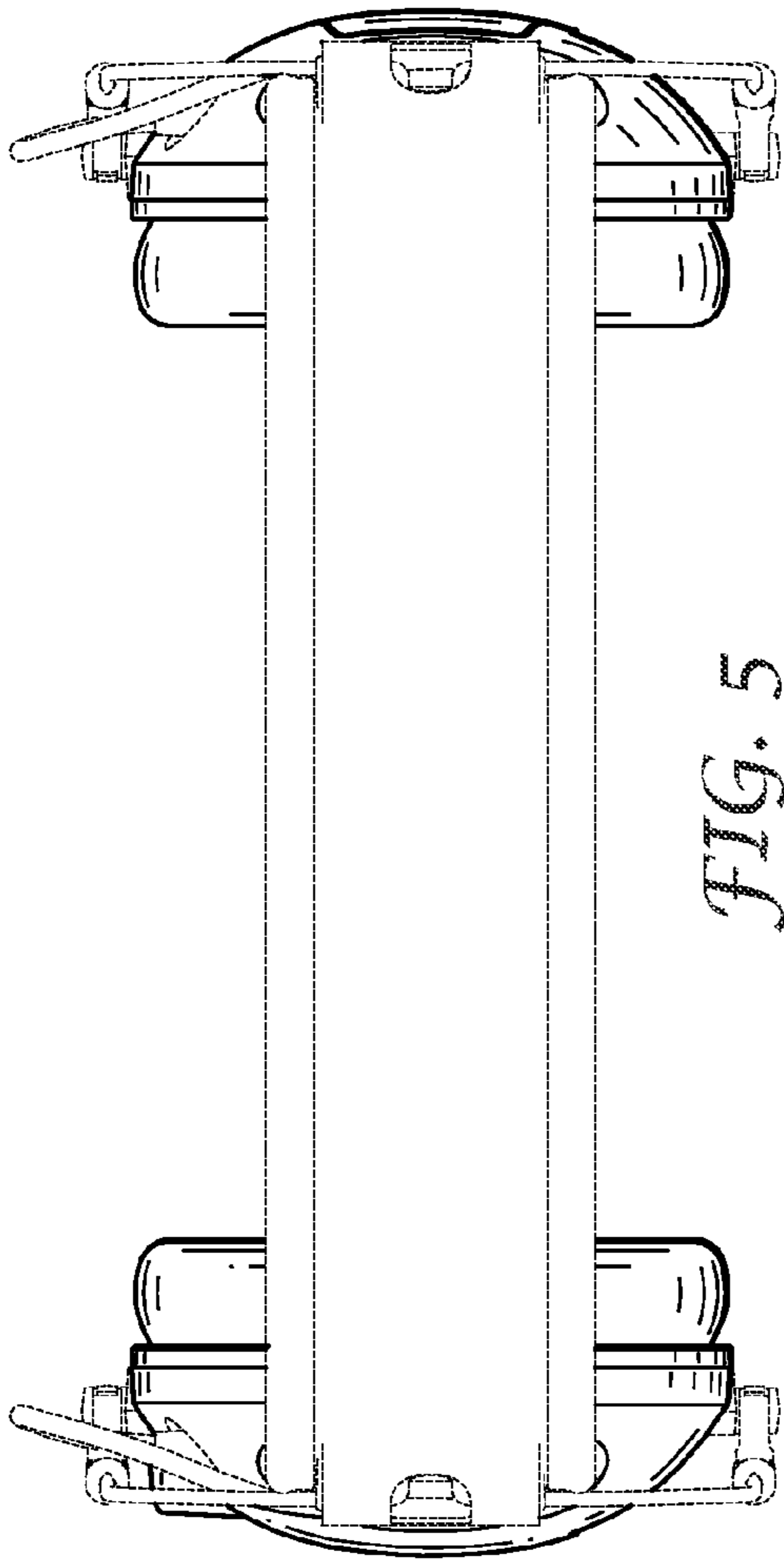


FIG. 3





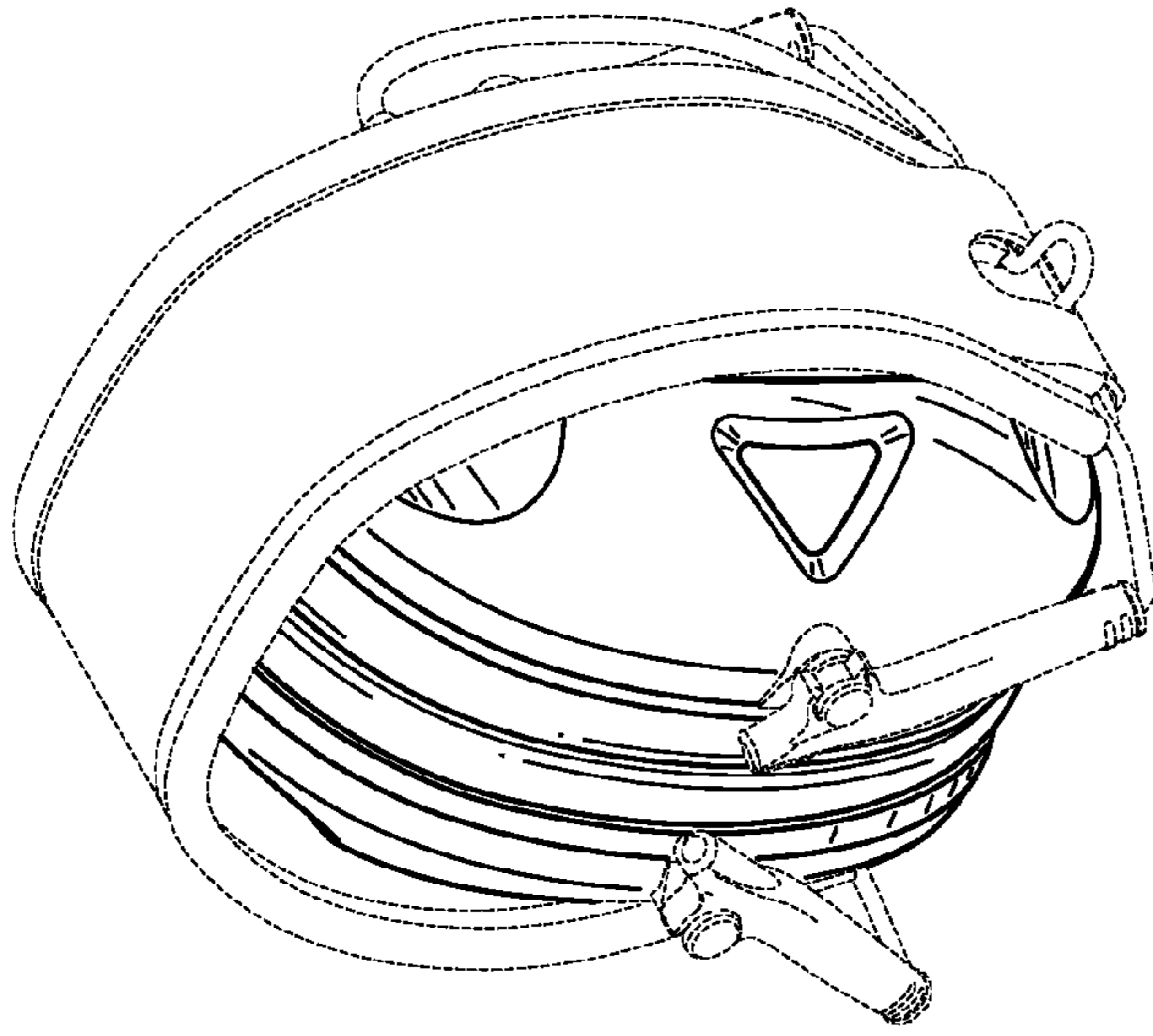


FIG. 8

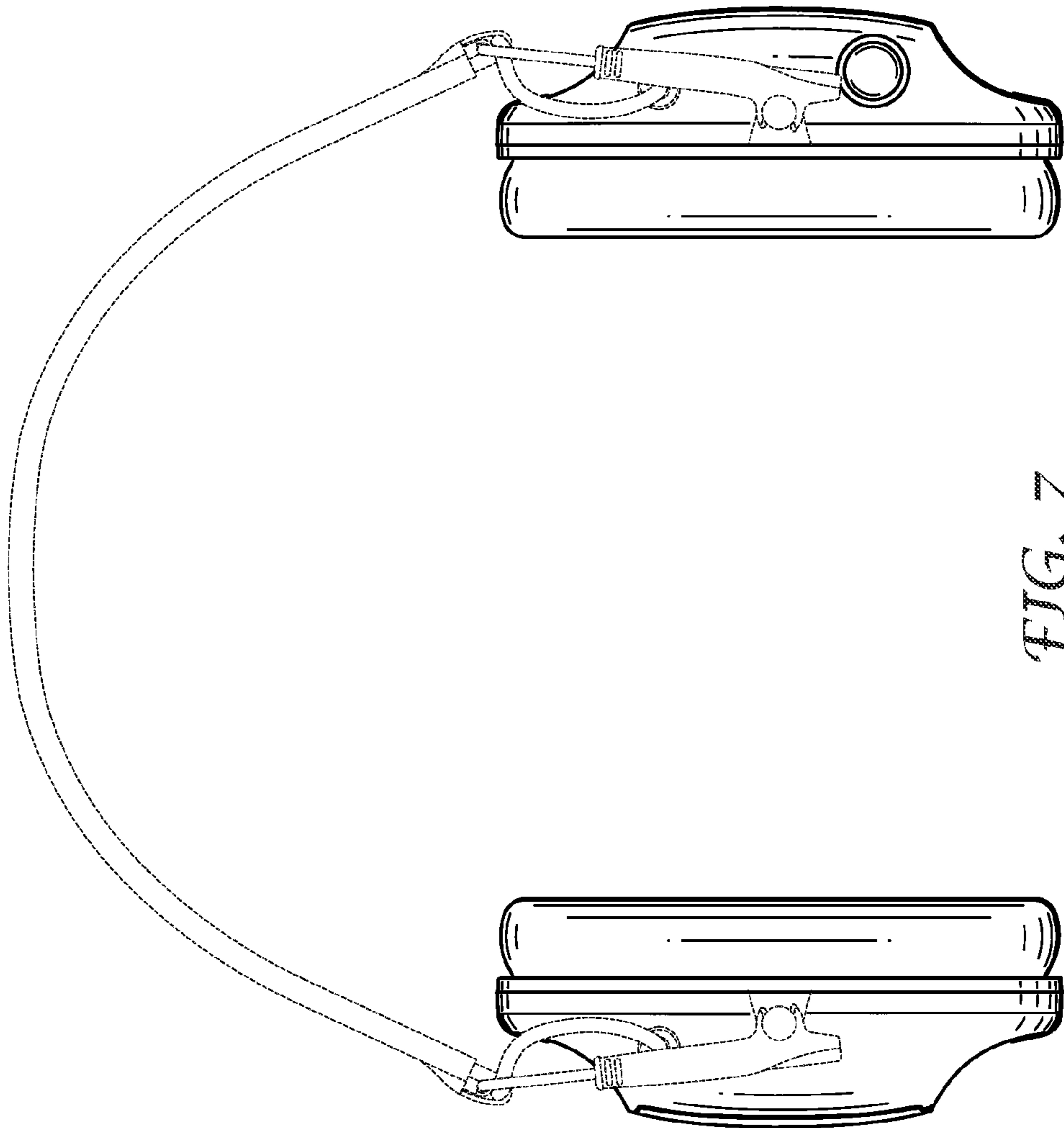


FIG. 7