



US00D716957S

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

(10) **Patent No.:** **US D716,957 S**  
(45) **Date of Patent:** **\*\* Nov. 4, 2014**

- (54) **CERVICAL COLLAR**
- (71) Applicant: **Plus Meditech Co., Ltd.**, Tainan (TW)
- (72) Inventors: **Yueh-Hua Chiang**, Tainan (TW);  
**Fu-Lin Chuang**, Tainan (TW);  
**Chien-Min Fang**, Tainan (TW)
- (73) Assignee: **Plus Meditech Co., Ltd.**, Tainan (TW)
- (\*\*) Term: **14 Years**
- (21) Appl. No.: **29/457,132**
- (22) Filed: **Jun. 7, 2013**
- (51) **LOC (10) Cl.** ..... **24-01**
- (52) **U.S. Cl.**  
USPC ..... **D24/191**
- (58) **Field of Classification Search**  
CPC .. A61F 5/055; A63B 71/12; A63B 2243/007;  
A63B 21/1407; A41D 13/0512  
USPC ..... D24/188-191, 200, 206; D29/100,  
D29/101.2, 101.3, 113, 121.1, 121.2;  
D2/602, 605, 610, 624, 627, 829, 853,  
D2/856, 860; 602/1, 2, 5, 6, 14, 18, 19, 20,  
602/26, 36, 75, 76, 901; 128/876, 878-881,  
128/892, DIG. 15, DIG. 23; 2/91, 207, 462,  
2/916  
See application file for complete search history.

- (56) **References Cited**  
U.S. PATENT DOCUMENTS  
3,024,784 A \* 3/1962 Monfardini ..... 602/18  
5,048,509 A \* 9/1991 Grundei et al. .... 602/18  
5,180,361 A \* 1/1993 Moore et al. .... 602/18

- 5,632,722 A \* 5/1997 Tweardy et al. .... 602/18
- 5,688,229 A \* 11/1997 Bauer ..... 602/18
- 6,071,256 A \* 6/2000 Lam ..... 602/18
- D644,332 S \* 8/2011 Sandhu ..... D24/191
- D647,624 S \* 10/2011 Thorgildsdottir et al. .... D24/191
- 8,551,030 B2 \* 10/2013 Jenkins, III ..... 602/18
- D693,014 S \* 11/2013 Chiang et al. .... D24/191
- 2011/0034844 A1 \* 2/2011 Thorgildsdottir et al. .... 602/18
- 2012/0053499 A1 \* 3/2012 Donaldson et al. .... 602/18
- 2012/0130295 A1 \* 5/2012 Haider ..... 602/18

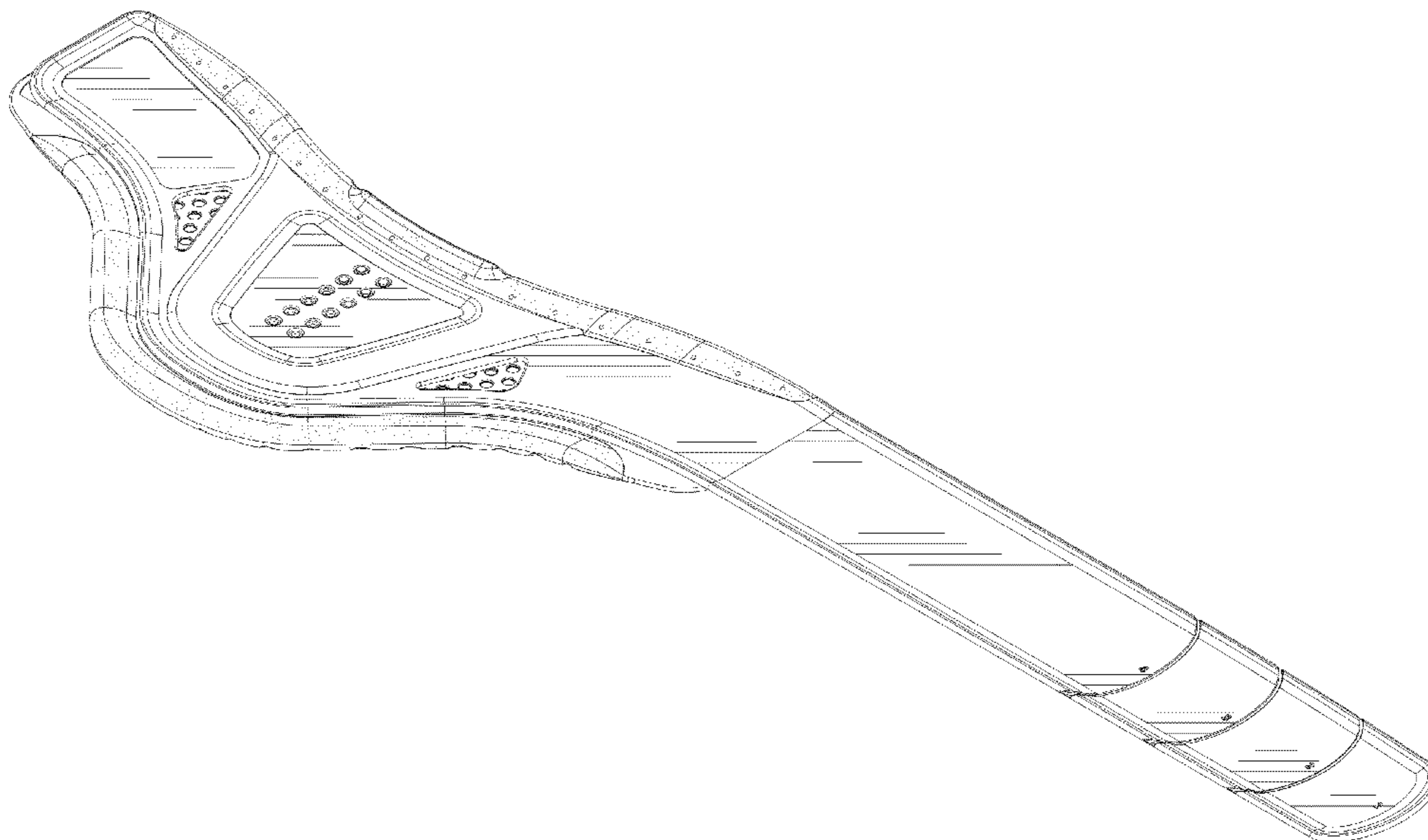
\* cited by examiner

*Primary Examiner* — Eric Goodman  
*Assistant Examiner* — Jennifer Watkins  
(74) *Attorney, Agent, or Firm* — Blank Rome LLP

(57) **CLAIM**  
The ornamental design for cervical collar, as shown and described.

**DESCRIPTION**  
FIG. 1 is a perspective view of cervical collar showing our new design;  
FIG. 2 is a front elevational view thereof;  
FIG. 3 is a rear elevational view thereof;  
FIG. 4 is a left side elevational view thereof;  
FIG. 5 is a right side elevational view thereof;  
FIG. 6 is a top plan view thereof;  
FIG. 7 is a bottom plan view thereof; and,  
FIG. 8 is a perspective view in use.  
The shading in the figures show contour, not surface ornamentation. The stippling shading indicates material contrast between the stippling shaded area and the surrounding areas.

**1 Claim, 5 Drawing Sheets**



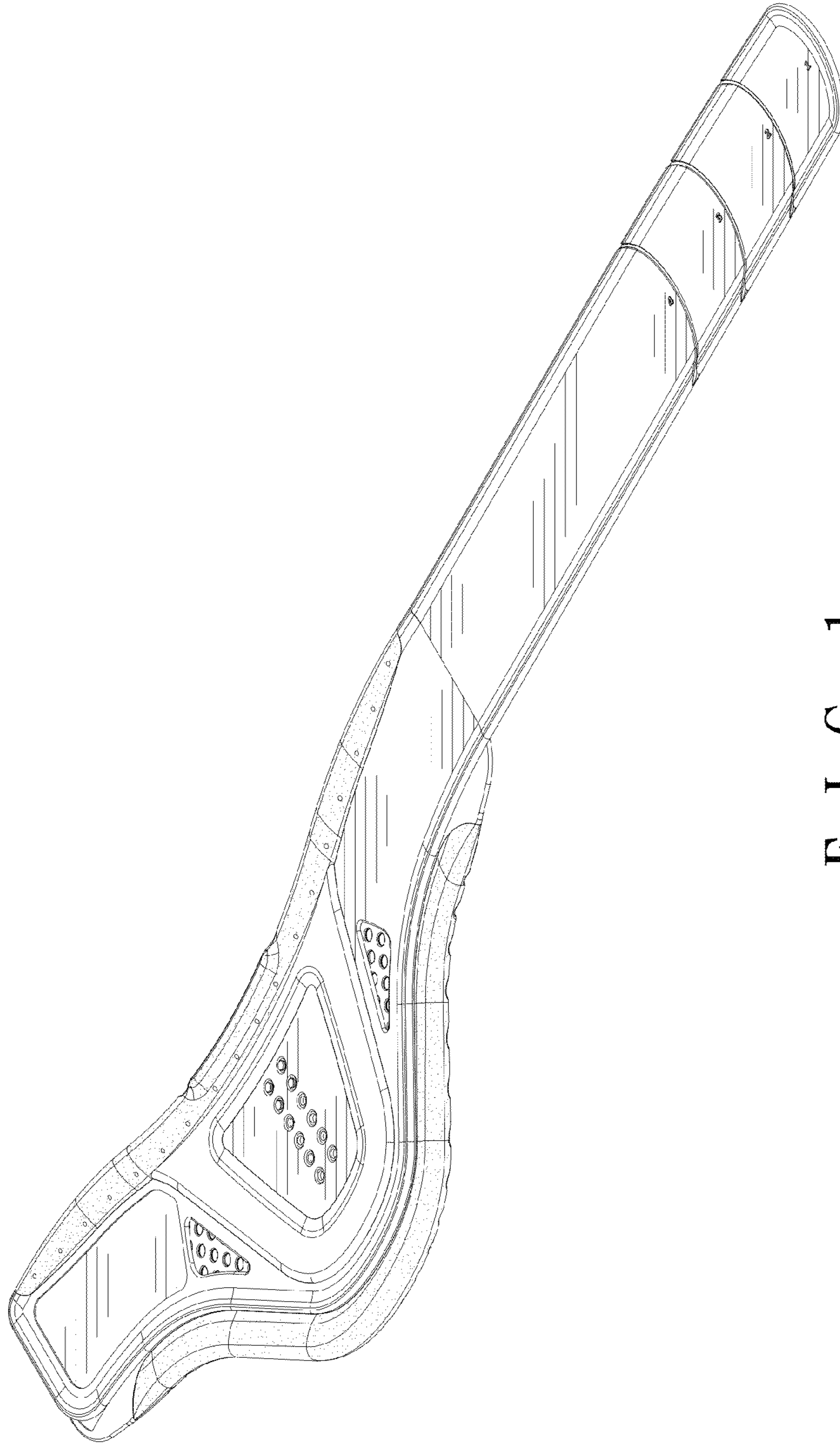


FIG. 1



FIG. 2



FIG. 3



FIG. 4



FIG. 5

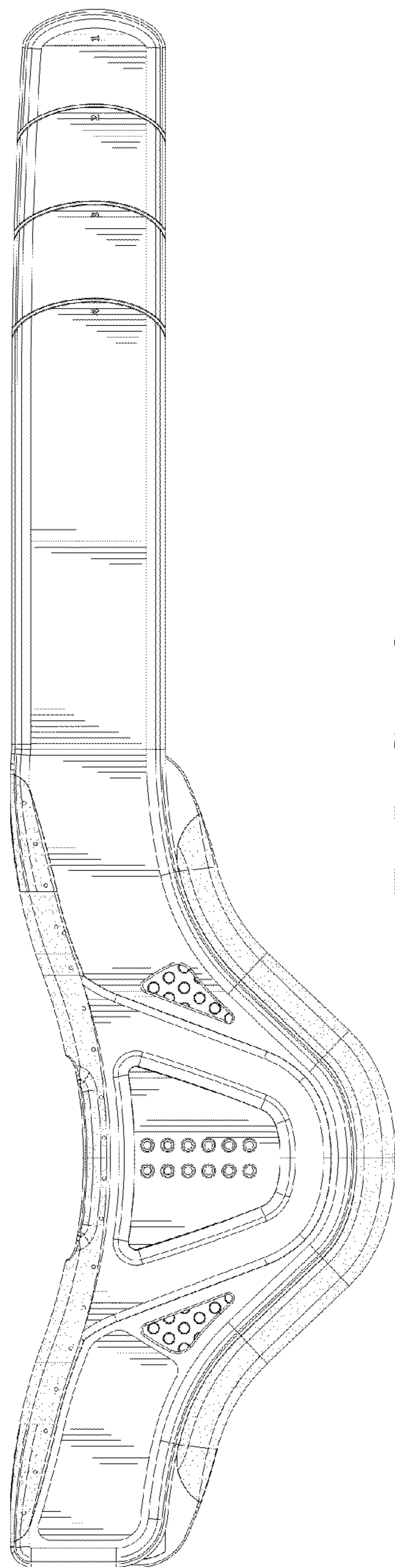


FIG. 6

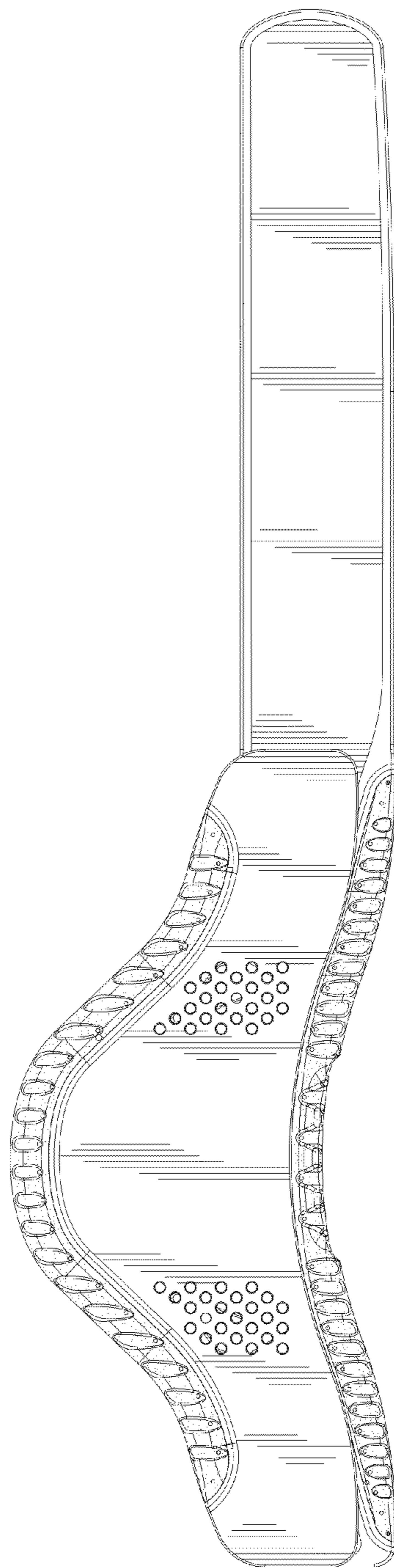
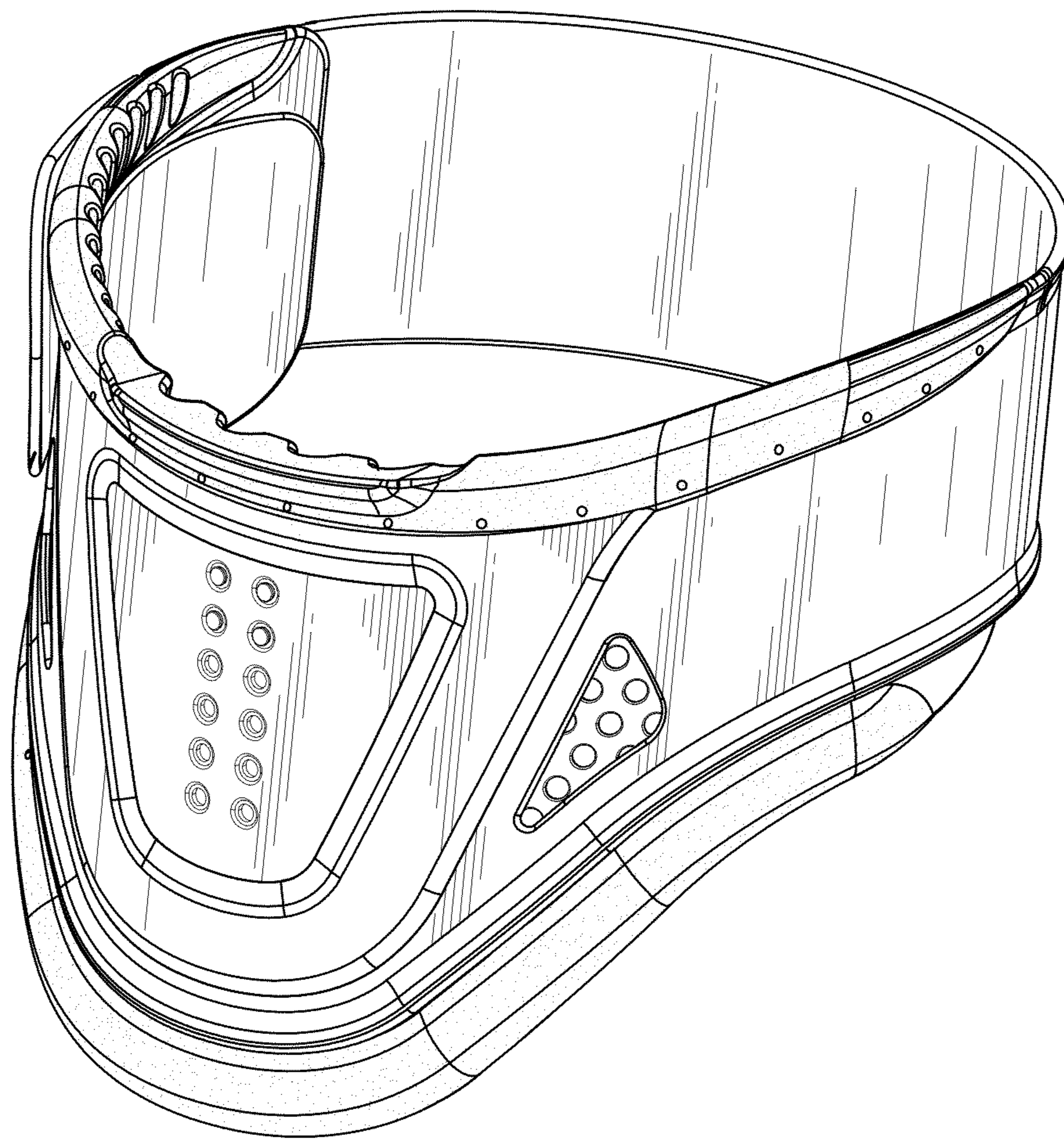


FIG. 7



F I G. 8