



US00D847357S

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

(10) **Patent No.:** **US D847,357 S**  
(45) **Date of Patent:** **\*\* Apr. 30, 2019**

- (54) **APPARATUS FOR THE REHABILITATION OF THE SPINE AND PARAVERTEBRAL MUSCLES**
- (71) Applicant: **UAB “Fortis axis”, Vilniaus (LT)**
- (72) Inventors: **Igor Goncharov, Vilniaus (LT); Alexey Bagrinovskiy, Vilniaus (LT)**
- (73) Assignee: **UAB “FORTIS AXIS”, Vilniaus (LT)**
- (\*\*) Term: **15 Years**
- (21) Appl. No.: **29/607,894**
- (22) Filed: **Jun. 16, 2017**
- (51) **LOC (11) Cl.** ..... **28-03**
- (52) **U.S. Cl.**  
USPC ..... **D24/200**
- (58) **Field of Classification Search**  
USPC ..... D24/107, 133, 188, 200, 206, 209,  
D24/211–215, 221; D28/9, 13, 14, 44,  
D28/51, 96, 97; 601/1, 5, 46, 48, 64, 80;  
607/1, 95, 96, 99, 101, 103, 109, 115  
CPC ..... A61H 7/00; A61H 7/003; A61H 7/004;  
A61H 7/005; A61H 7/006; A61H 15/00;  
A61H 15/005; A61H 15/0014; A61H  
2201/02; A61H 2201/0207; A61H  
2201/0263; A61H 2201/0153; A61H  
2205/00; A61H 2205/02; A61H 2205/04;  
A61H 2205/06; A61H 2205/08; A61H  
2205/022; A61H 2205/025; A61H  
2205/084; A61H 2205/086  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

- 6,817,049 B1 \* 11/2004 Hall ..... A47G 9/10  
5/632
- D542,926 S \* 5/2007 Louis ..... D24/214
- D548,842 S \* 8/2007 Elnekaveh ..... D24/188

(Continued)

*Primary Examiner* — Wan Laymon  
*Assistant Examiner* — Clint A Samuel  
(74) *Attorney, Agent, or Firm* — Preston Smirman;  
Smirman IP Law, PLLC

(57) **CLAIM**

We claim the ornamental design for an apparatus for the rehabilitation of the spine and paravertebral muscles, as shown and described.

**DESCRIPTION**

FIG. 1 is a first elevational view of our design for an apparatus for the rehabilitation of the spine and paravertebral muscles;

FIG. 2 is a second elevational view of the design for the apparatus for the rehabilitation of the spine and paravertebral muscles shown in FIG. 1;

FIG. 3 is a third elevational view of the design for the apparatus for the rehabilitation of the spine and paravertebral muscles shown in FIG. 1;

FIG. 4 is a fourth elevational view of the design for the apparatus for the rehabilitation of the spine and paravertebral muscles shown in FIG. 1;

FIG. 5 is a fifth elevational view of the design for the apparatus for the rehabilitation of the spine and paravertebral muscles shown in FIG. 1;

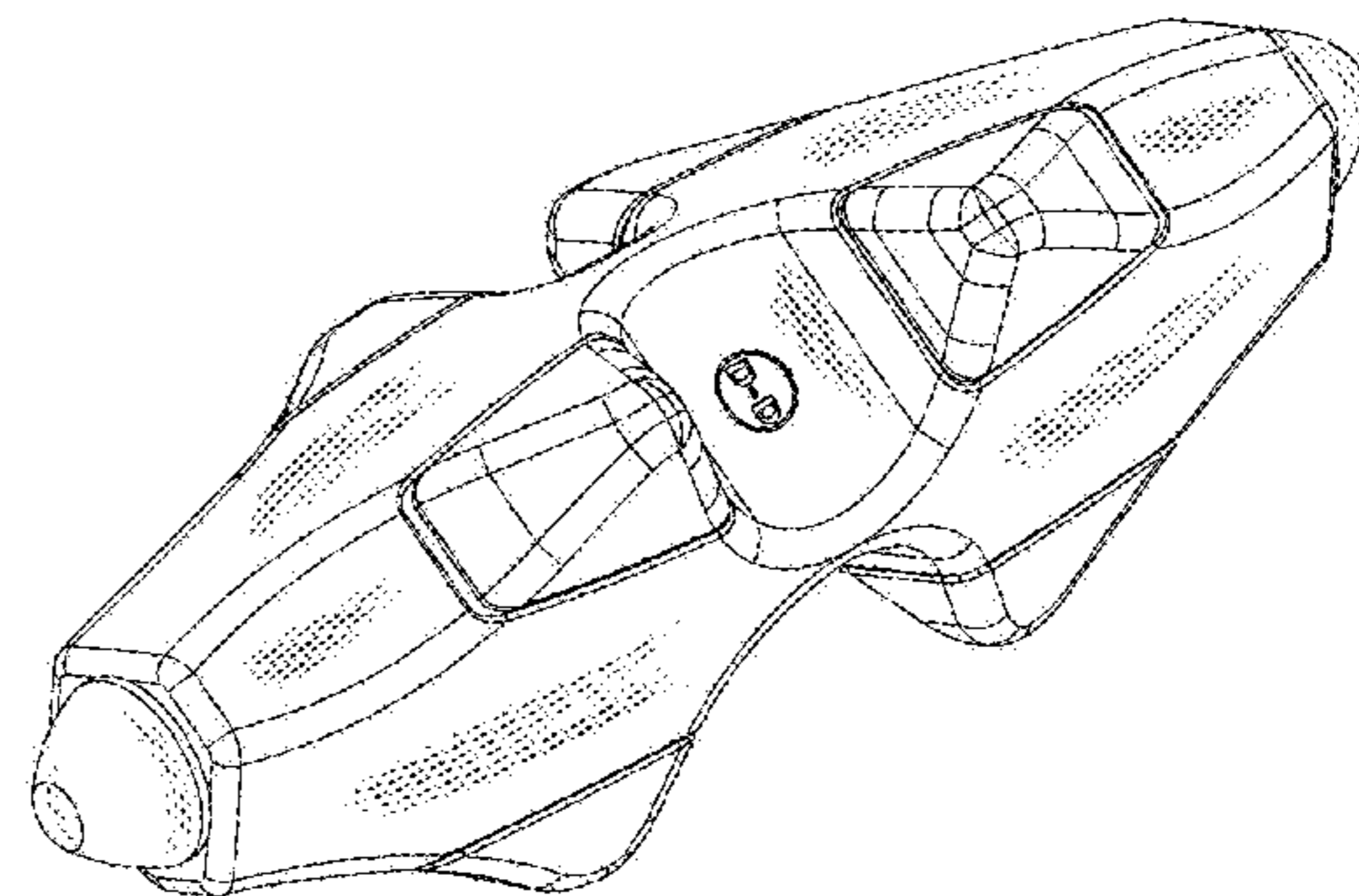
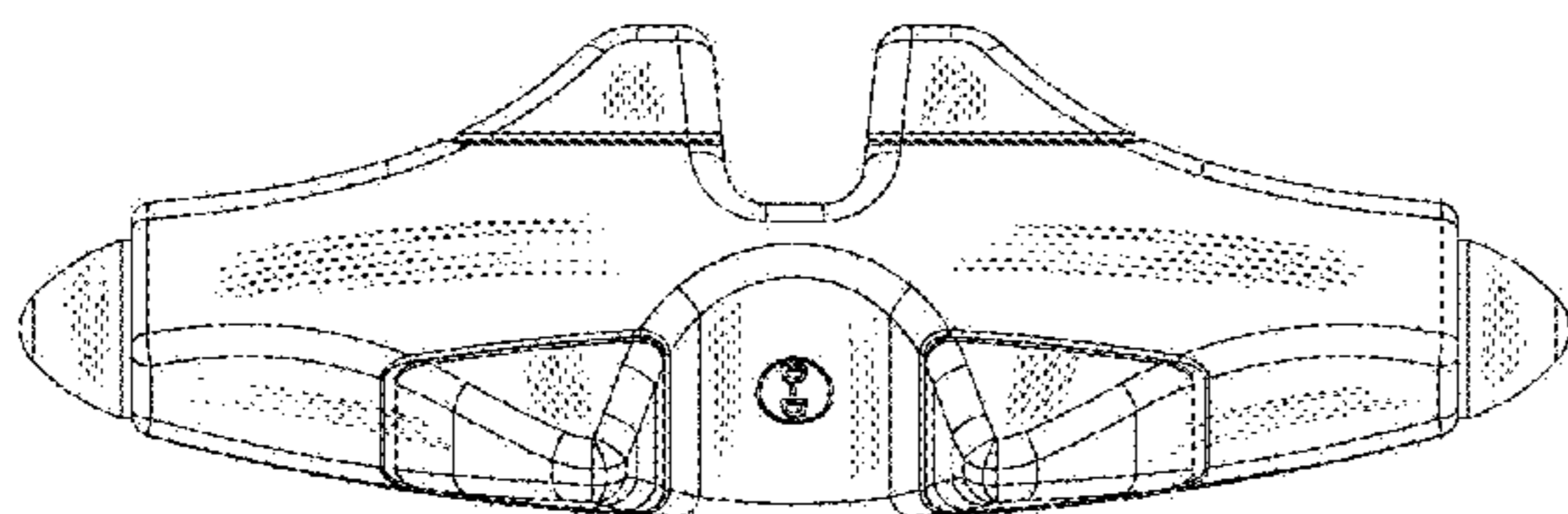
FIG. 6 is a first perspective view of the design for the apparatus for the rehabilitation of the spine and paravertebral muscles shown in FIG. 1;

FIG. 7 is a second perspective view of the design for the apparatus for the rehabilitation of the spine and paravertebral muscles shown in FIG. 1;

FIG. 8 is a third perspective view of the design for the apparatus for the rehabilitation of the spine and paravertebral muscles shown in FIG. 1; and,

FIG. 9 is a left end view of the design for the apparatus for the rehabilitation of the spine and paravertebral muscles shown in FIG. 1, the right end view being a mirror image thereof.

**1 Claim, 9 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

D687,958 S \* 8/2013 Turner ..... D24/215  
D697,630 S \* 1/2014 Turner ..... D24/215  
D716,962 S \* 11/2014 Viner ..... A61H 15/00  
D24/215  
D760,907 S \* 7/2016 Koryukalov ..... D24/188  
D788,933 S \* 6/2017 Sitsihovskiy ..... D24/211  
2006/0247562 A1\* 11/2006 Emmel ..... A61H 7/007  
601/135  
2006/0293619 A1\* 12/2006 Louis ..... A61H 7/001  
601/135  
2017/0340514 A1\* 11/2017 Denisenko ..... A61F 7/00  
2018/0207054 A1\* 7/2018 Sitsihovskiy ..... A61H 15/0092

\* cited by examiner

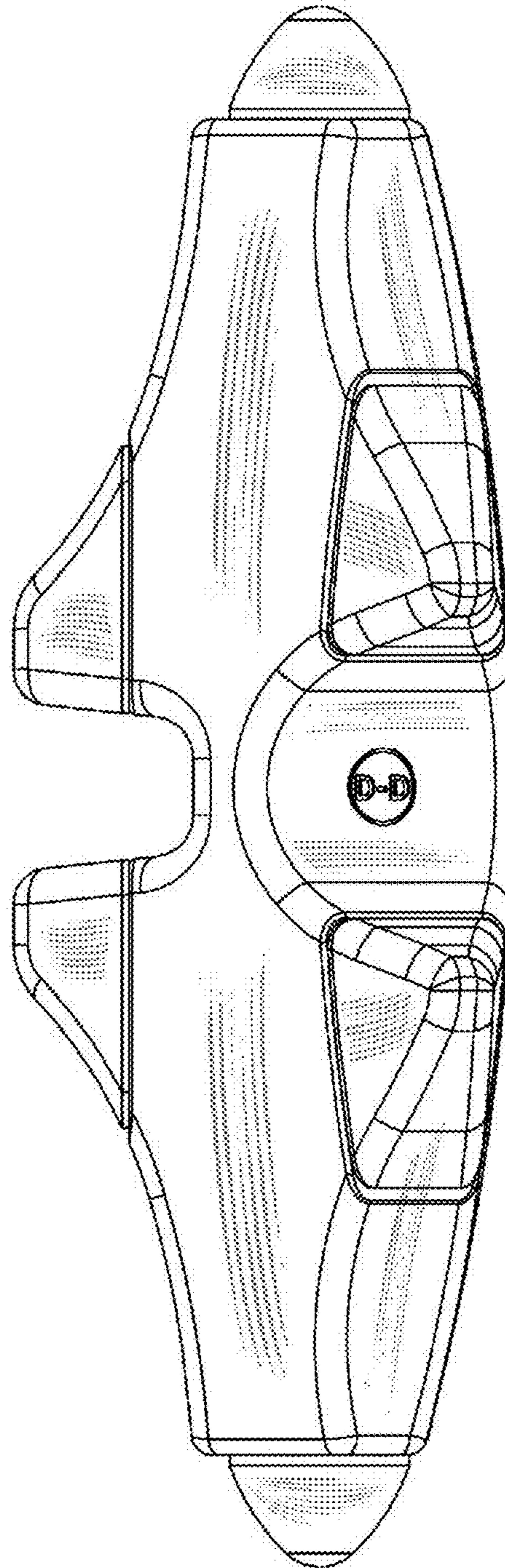


Fig. 1

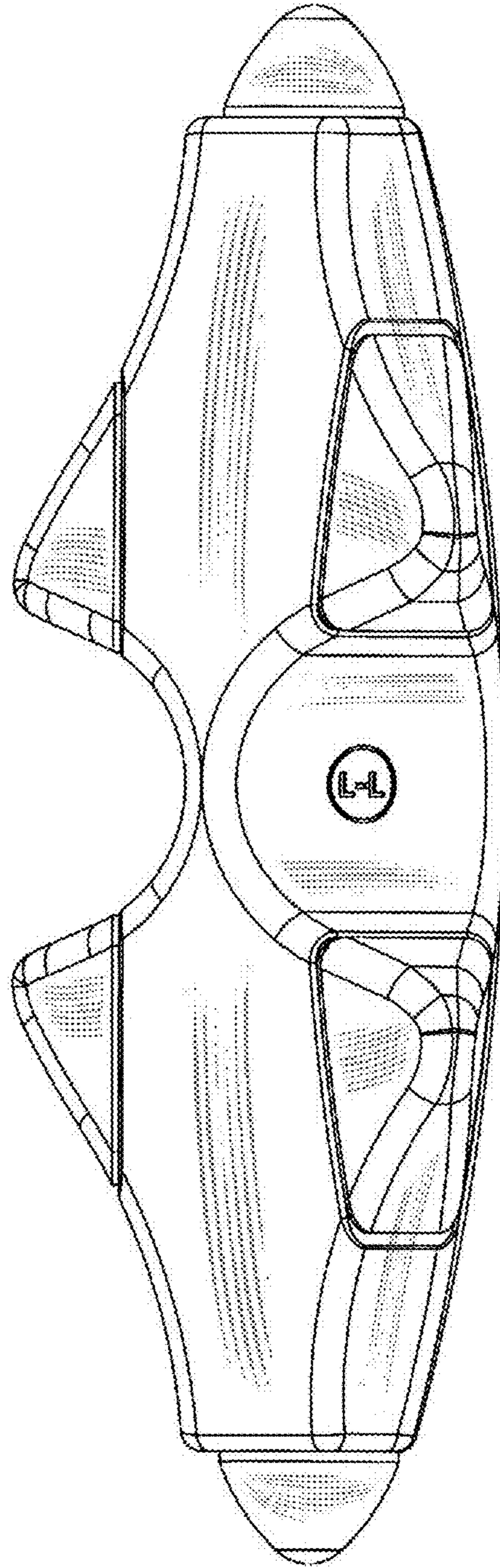


Fig. 2

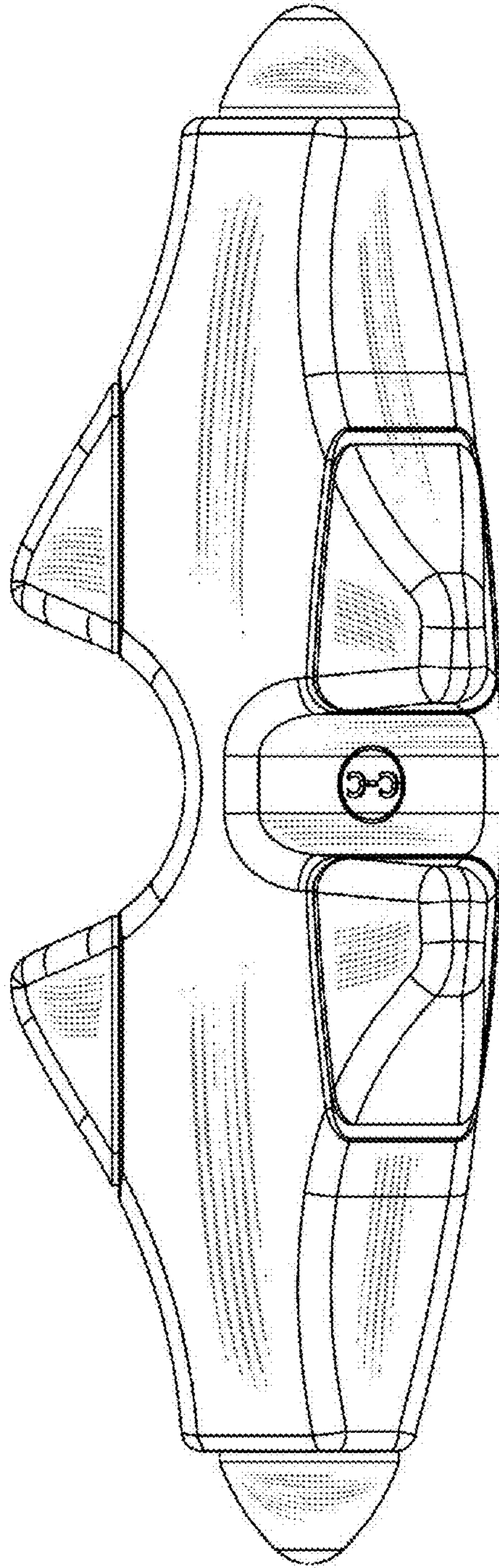


Fig. 3

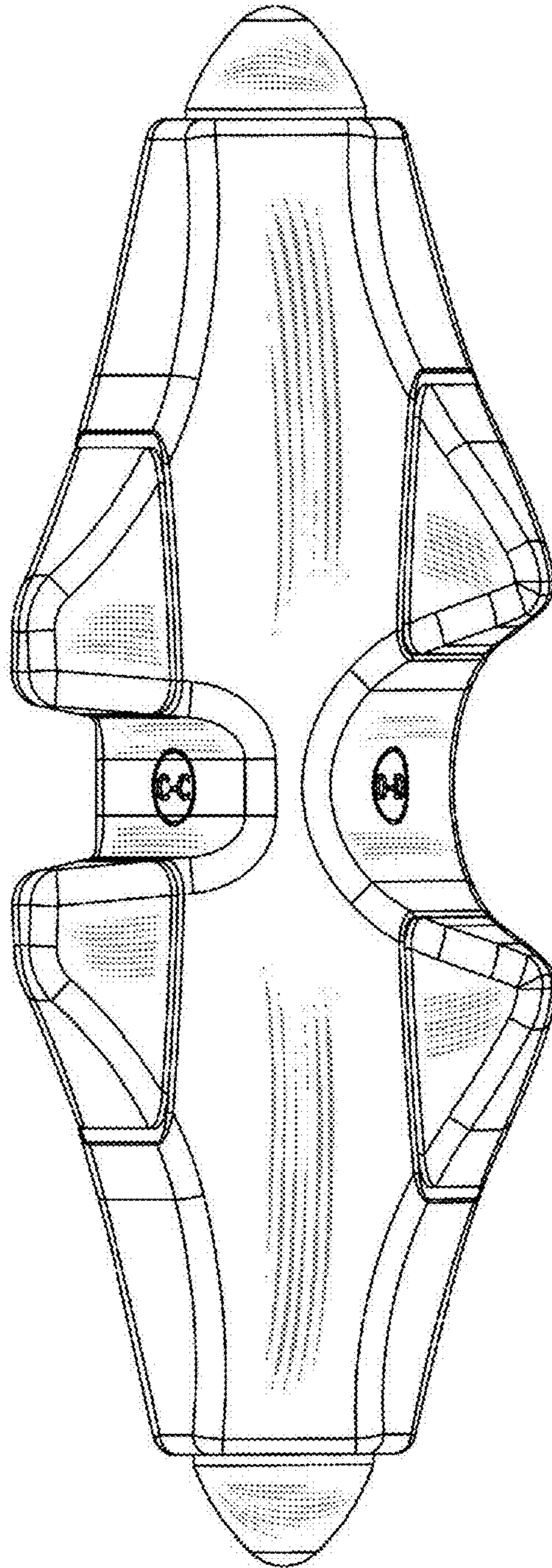


Fig. 4

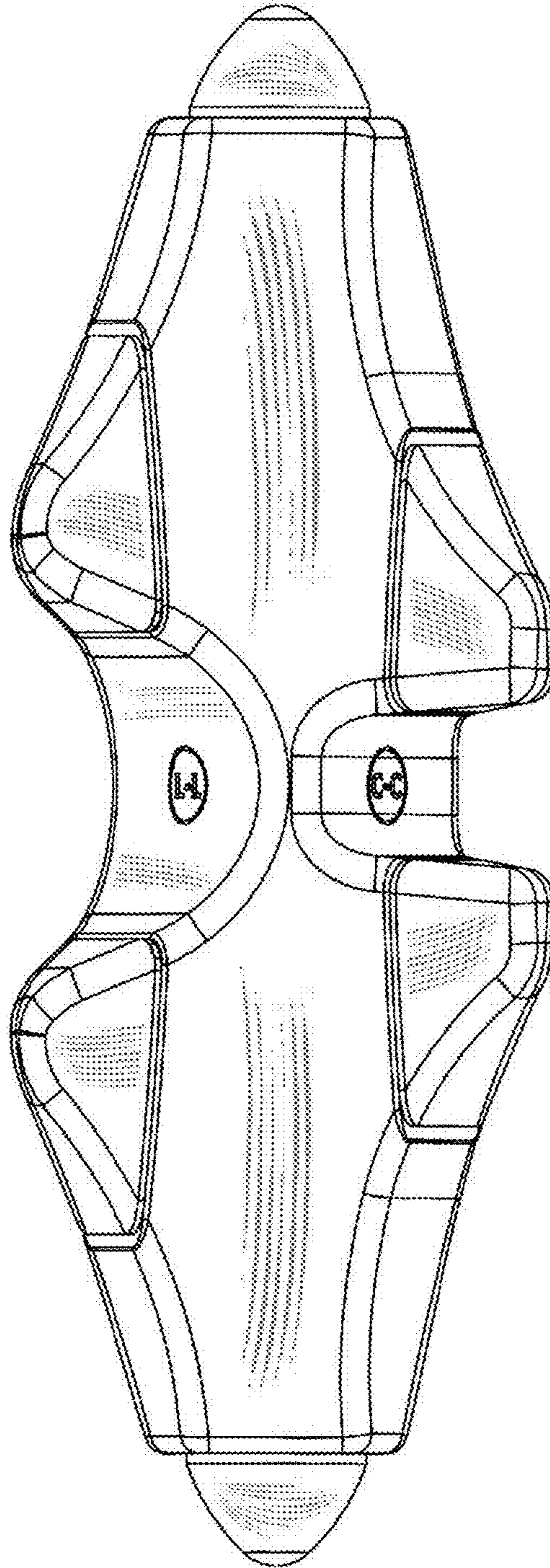


Fig. 5

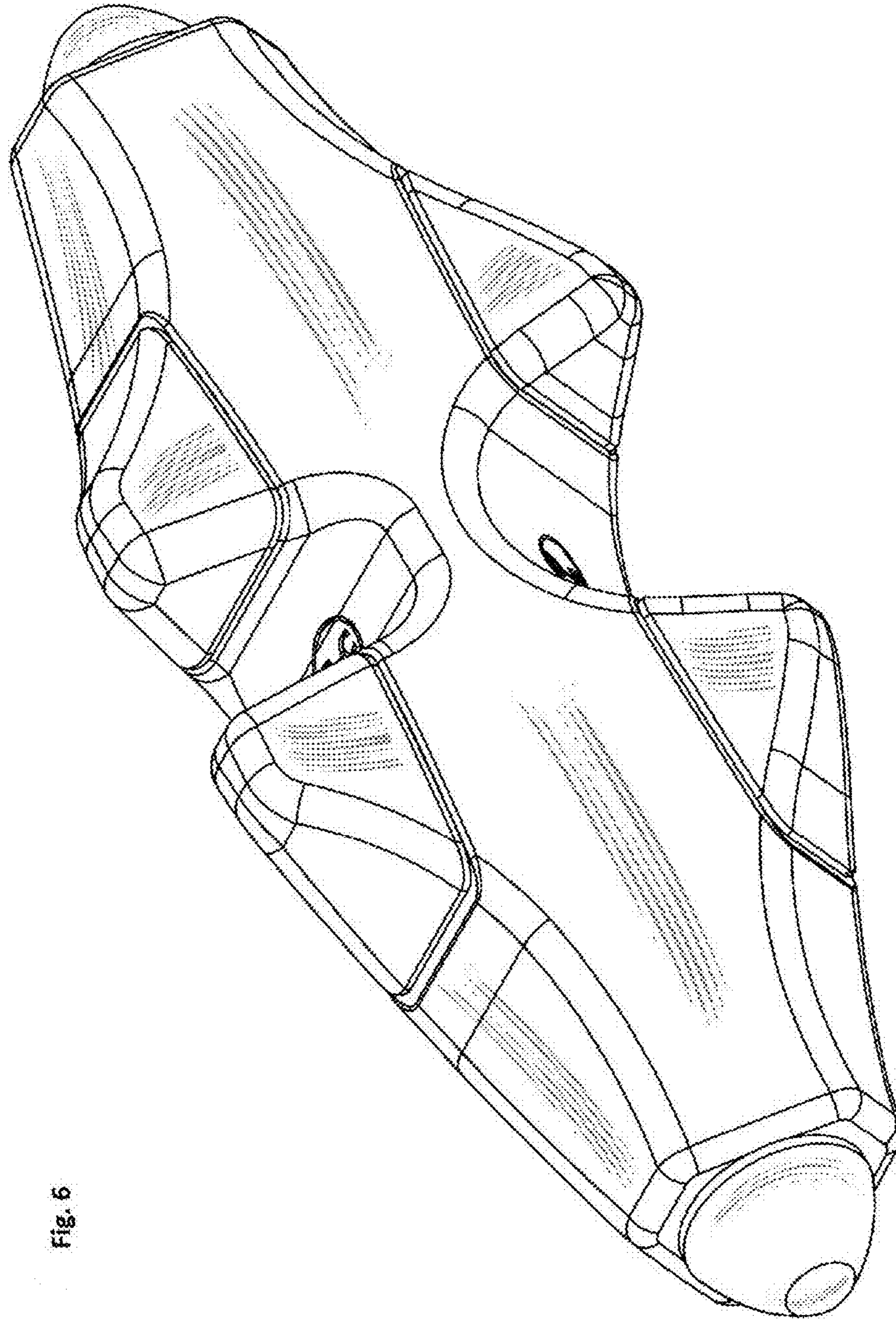


Fig. 6



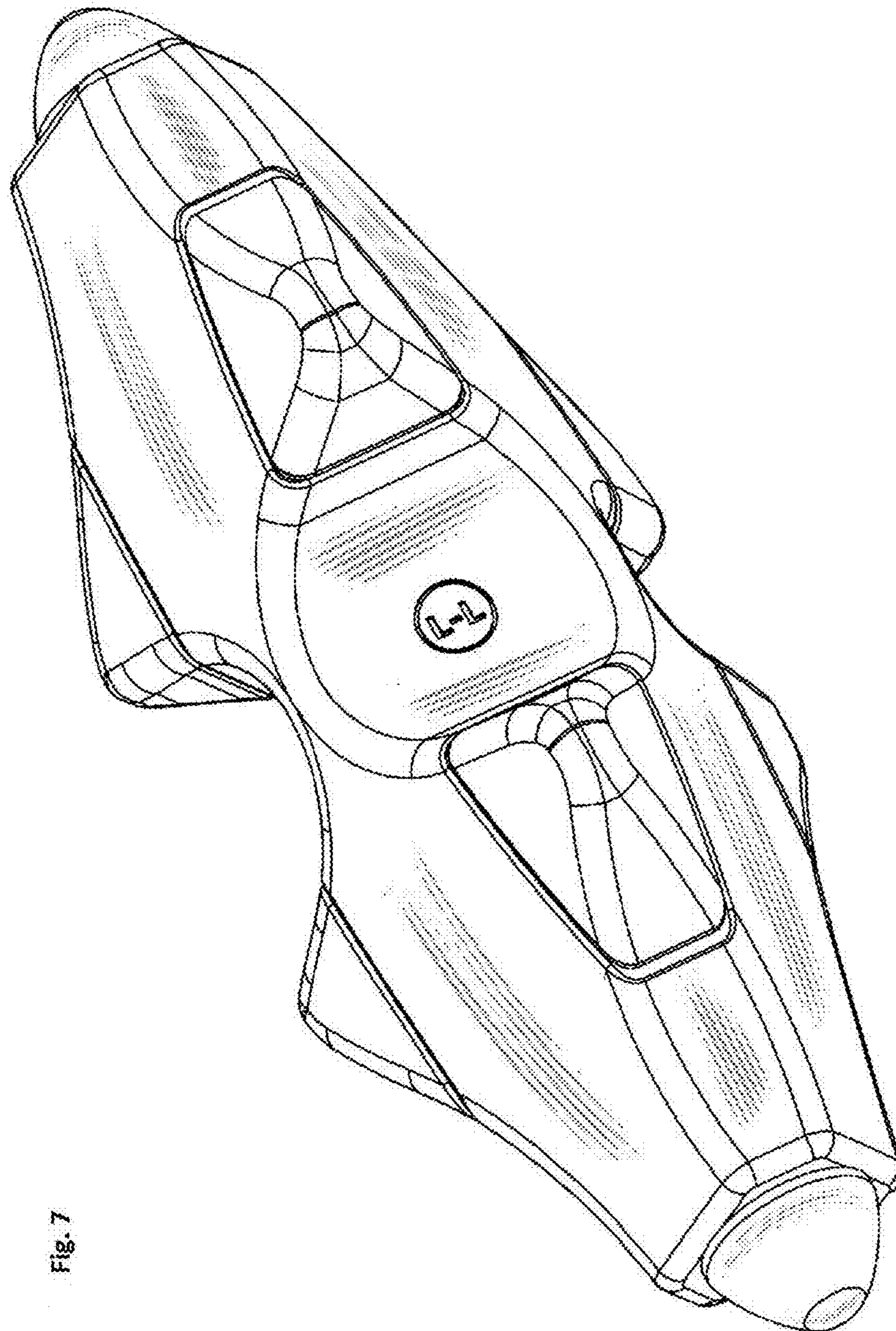


Fig. 7

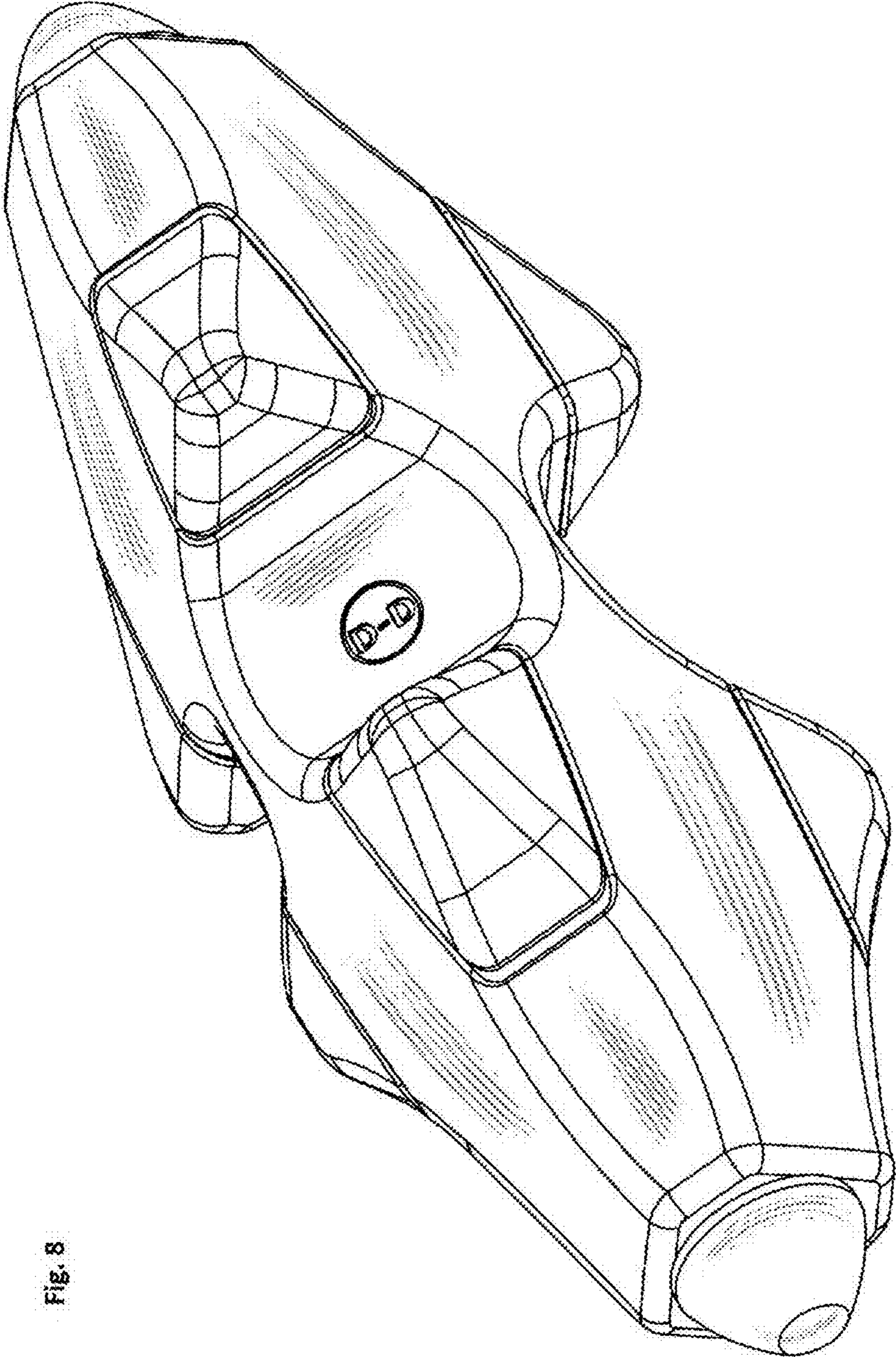


Fig. 8

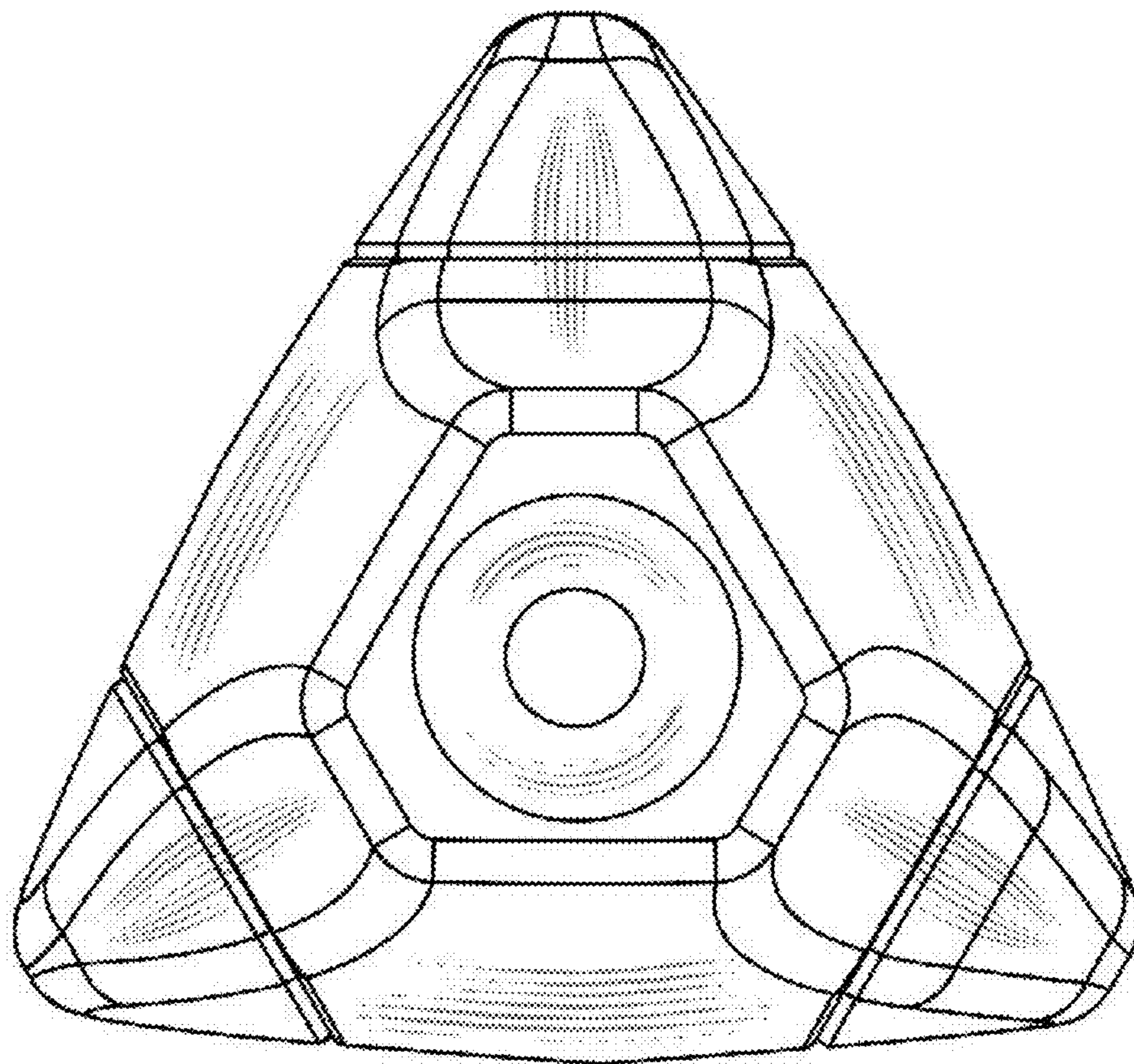


Fig. 9