



US00D844793S

(12) **United States Design Patent** (10) **Patent No.:** **US D844,793 S**
Dai (45) **Date of Patent:** **** Apr. 2, 2019**

(54) **NASAL PHOTOPLETHYSMOGRAPHY SENSOR HOUSING**

(71) Applicant: **Xhale Assurance, Inc.**, Gainesville, FL (US)

(72) Inventor: **Jianli Dai**, Shenzhen (CN)

(73) Assignee: **XHALE ASSURANCE, INC.**, Gainesville, FL (US)

(**) Term: **15 Years**

(21) Appl. No.: **29/604,811**

(22) Filed: **May 19, 2017**

(51) **LOC (11) Cl.** **24-01**

(52) **U.S. Cl.**
USPC **D24/186**

(58) **Field of Classification Search**

USPC D24/164-169, 186, 187, 107, 216, 106;
D10/30-32, 75, 70, 98, 103; D14/344,
D14/138 R, 138 AA
CPC A61B 2560/0412; A61B 2560/0443; A61B
2560/0462; A61B 5/6801; A61B 5/6802;
A61B 5/6804; A61B 5/6815; A61B
5/6816; A61B 5/6817; A61B 5/6819;
A61B 5/02416; A61B 5/14552

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

| | | | | |
|-------------------|---------|-----------|-------|------------------------|
| D522,650 S * | 6/2006 | Clawson | | D24/106 |
| D748,274 S * | 1/2016 | Rich | | D24/164 |
| D802,152 S * | 11/2017 | Wakefield | | D24/187 |
| 2014/0005557 A1 * | 1/2014 | Rich | | A61B 5/6819 600/479 |
| 2017/0251974 A1 * | 9/2017 | Shreim | | A61B 5/6819 |
| 2017/0332966 A1 * | 11/2017 | Jacobs | | A61B 5/6819 |

* cited by examiner

Primary Examiner — Anhdao Doan

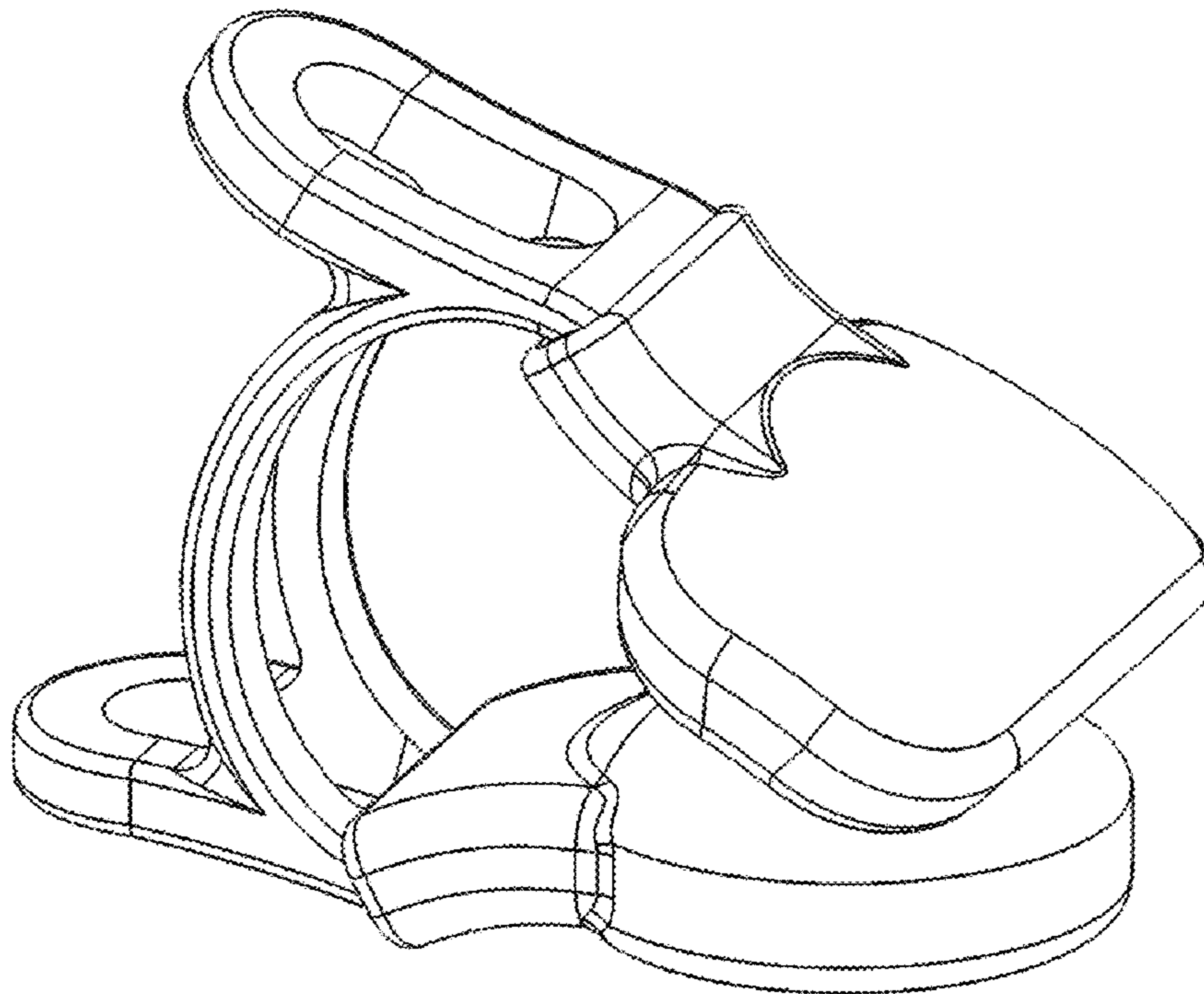
(57) **CLAIM**

The ornamental design for a nasal photoplethysmography sensor housing, as shown.

DESCRIPTION

FIG. 1 is a right side perspective view of a nasal photoplethysmography sensor housing showing our design;
FIG. 2 is another right side perspective view thereof;
FIG. 3 is a left side perspective view thereof;
FIG. 4 is another right side view thereof; and,
FIG. 5 is front view thereof.

1 Claim, 5 Drawing Sheets



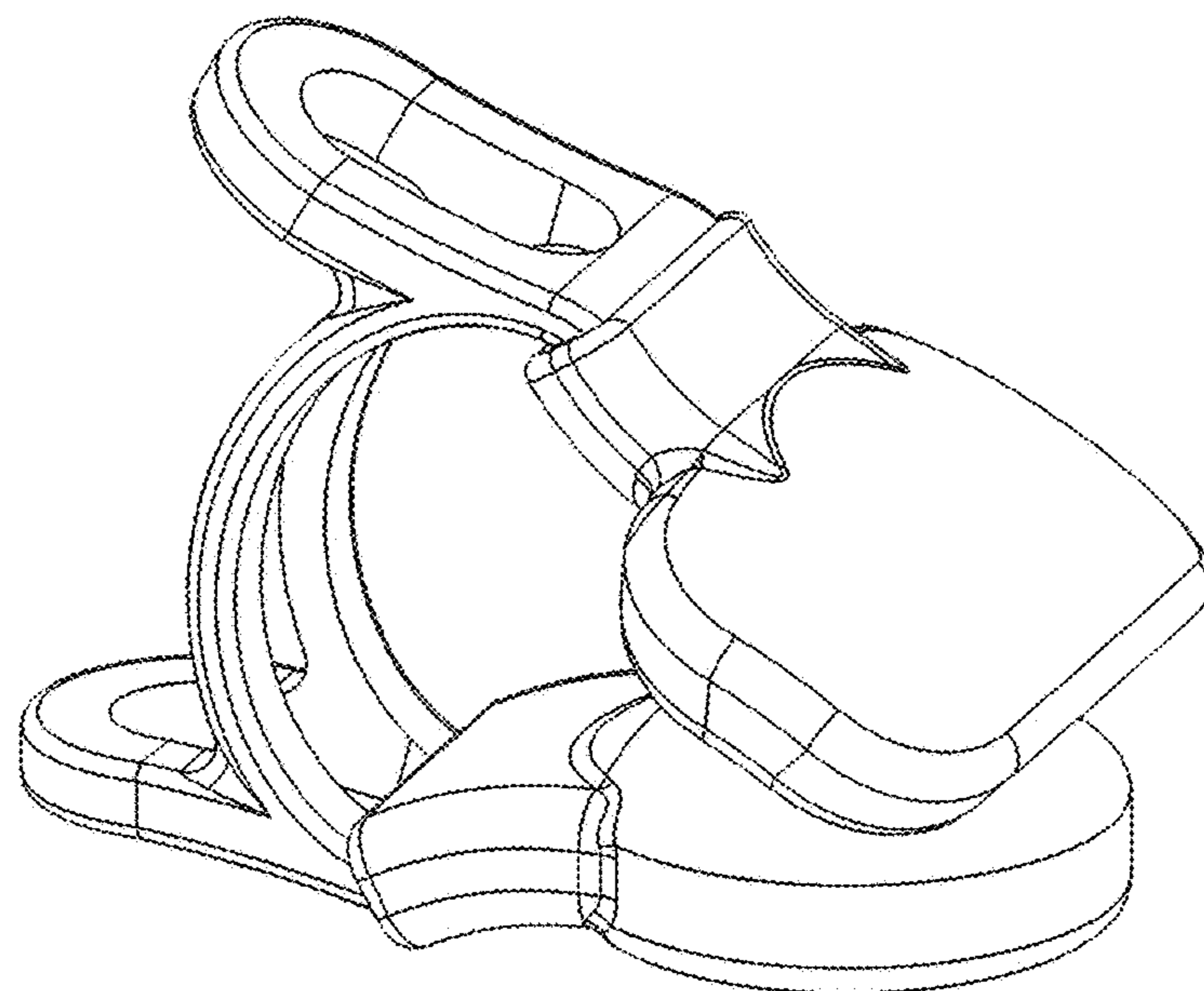


FIGURE 1

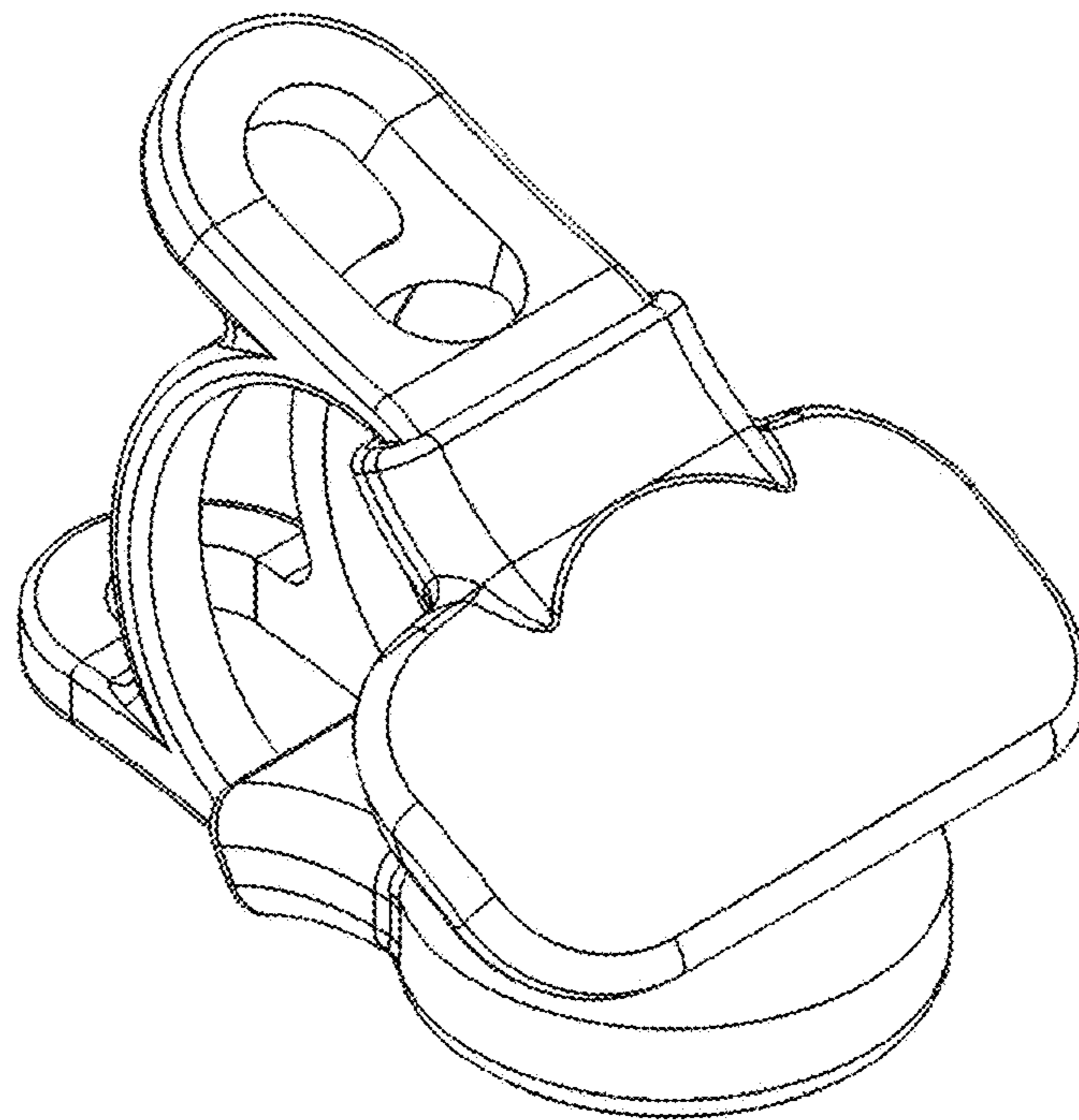


FIGURE 2

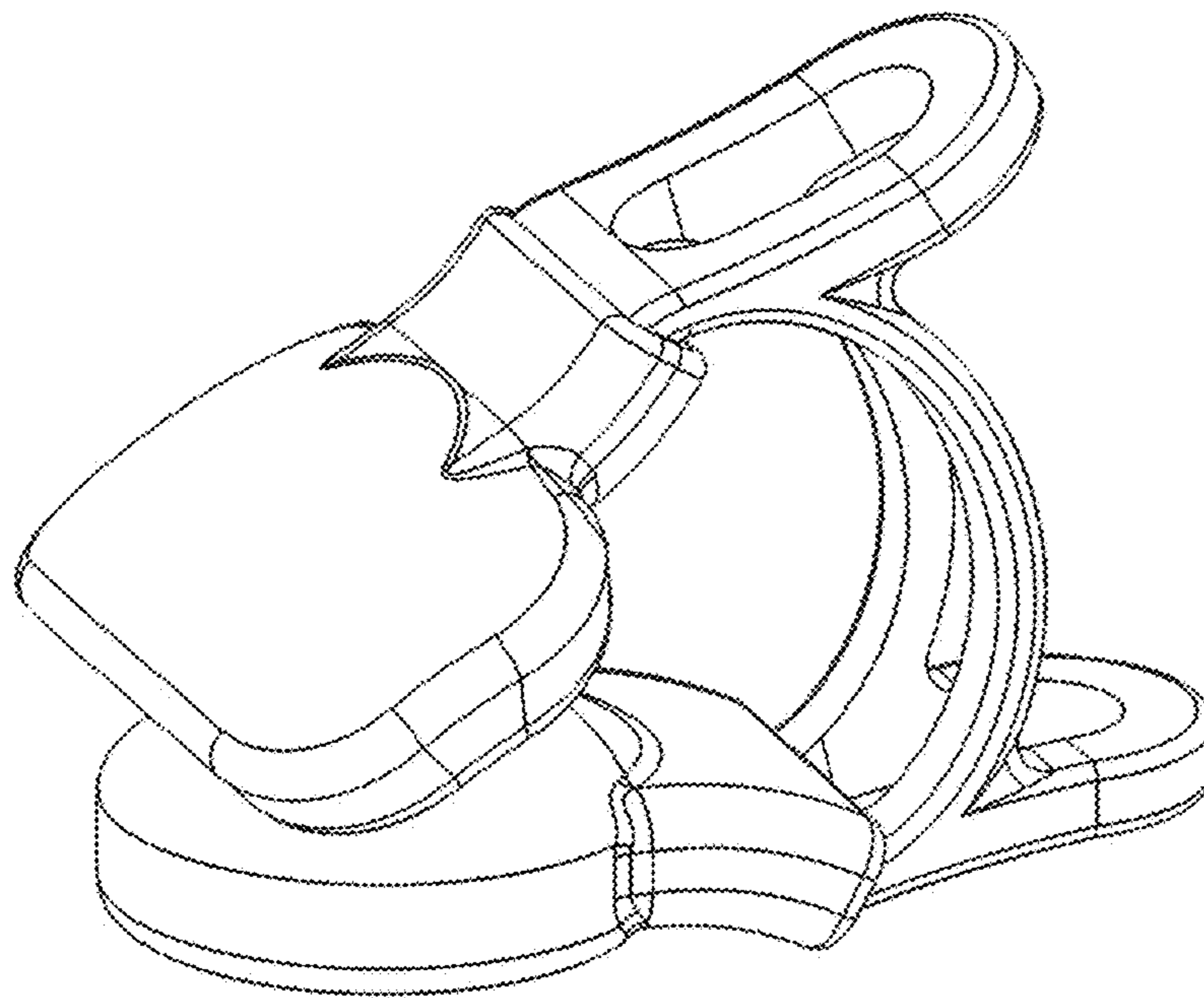


FIGURE 3

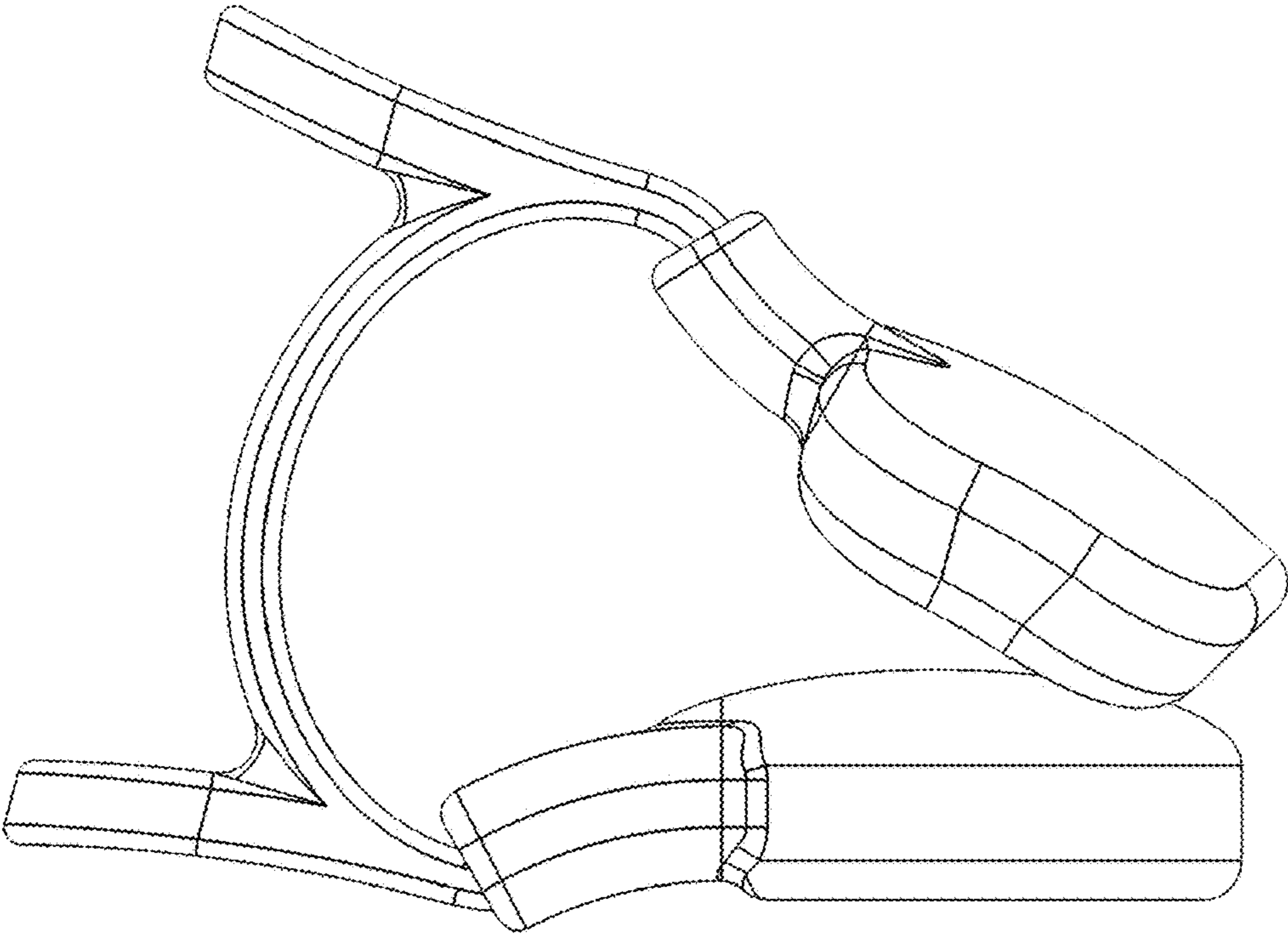


FIGURE 4

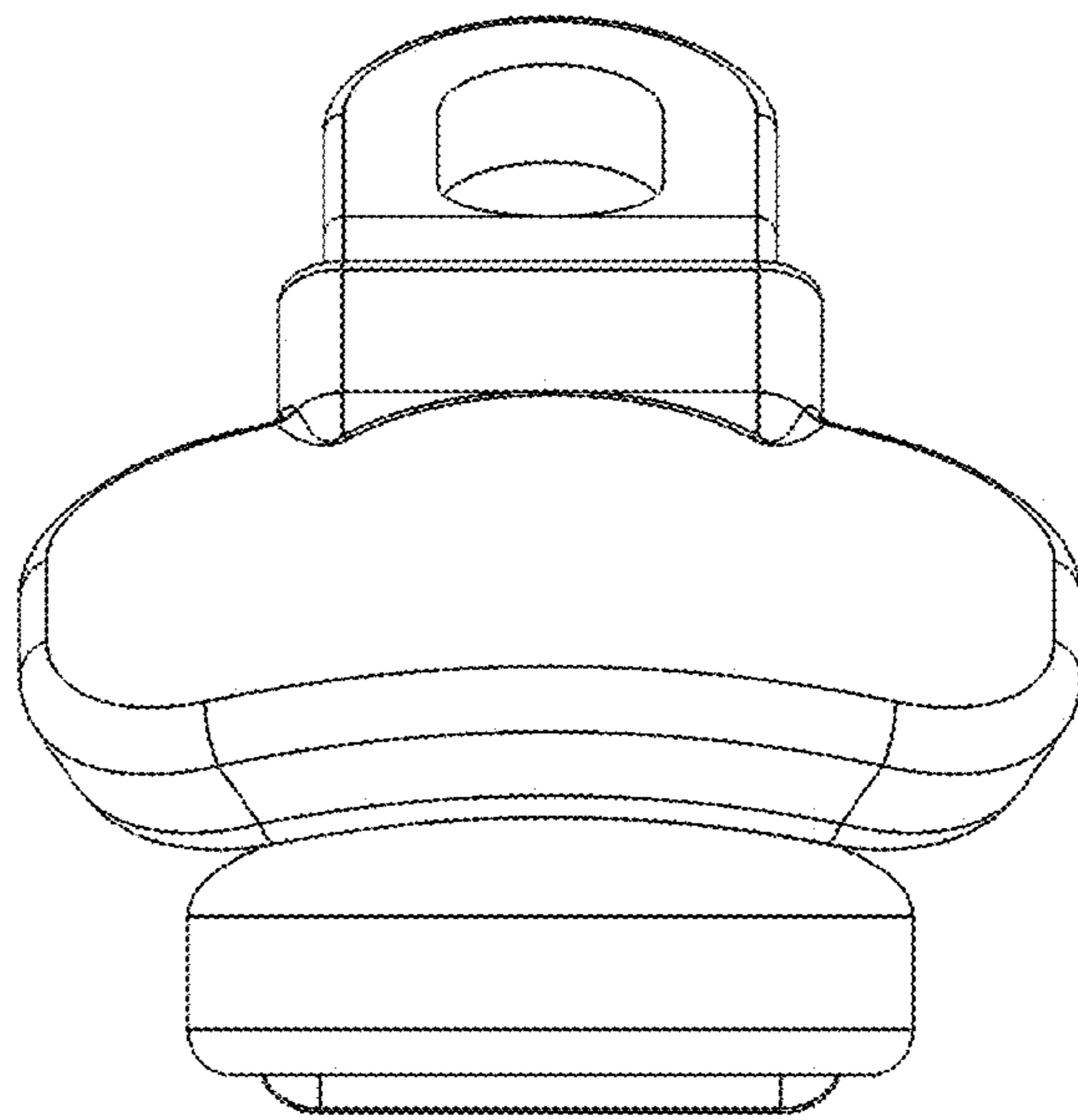


FIGURE 5