



US00D699269S

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

(10) **Patent No.:** **US D699,269 S**
(45) **Date of Patent:** **** Feb. 11, 2014**

(54) **COMBINED MULCHING TOOTH AND HOLDER**

(71) Applicant: **Beaver Mulching Inc.**, Red Deer County (CA)

(72) Inventors: **Mark Robert Whittaker**, Rocky Mountain House (CA); **Collin Andrew Watts**, Eckville (CA); **Francis Edward Schwieger**, Bluffton (CA)

(73) Assignee: **Beaver Mulching Inc.**, Red Deer County, Alberta (CA)

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

(21) Appl. No.: **29/444,296**

(22) Filed: **Jan. 29, 2013**

(30) **Foreign Application Priority Data**

Aug. 1, 2012 (CA) 146686
Aug. 1, 2012 (CA) 146687

(51) **LOC (10) Cl.** **15-03**

(52) **U.S. Cl.**
USPC **D15/29**

(58) **Field of Classification Search**

USPC D15/28, 29, 21, 19; 403/11, 16;
299/79.1, 37.8, 87.1, 102-113, 100;
29/243

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,896,345 A * 7/1959 Peklay 37/453
D207,449 S * 4/1967 Wilson D15/29
3,844,619 A * 10/1974 Haller 299/108
RE28,310 E * 1/1975 Krekeler 299/102
D243,843 S * 3/1977 Edwards D15/29
4,261,620 A 4/1981 Troxler

4,275,929 A 6/1981 Krekeler
4,343,516 A 8/1982 Aden
D271,495 S * 11/1983 Larsson et al. D15/29

(Continued)

FOREIGN PATENT DOCUMENTS

EP 1186744 3/2002

OTHER PUBLICATIONS

King Kong Tools product catalog, Mar. 2011—17 pages.

(Continued)

Primary Examiner — Mark Goodwin

(74) *Attorney, Agent, or Firm* — Lathrop & Gage LLP

(57) **CLAIM**

The ornamental design for a combined mulching tooth and holder, as shown and described.

DESCRIPTION

FIG. 1 is a top, right and front perspective view of a combined mulching tooth and holder showing my new design;

FIG. 2 is a top, left and rear view thereof;

FIG. 3 is a right view thereof, the left side being a mirror image thereto;

FIG. 4 is a front view thereof;

FIG. 5 is a top view thereof;

FIG. 6 is a rear view thereof;

FIG. 7 is a bottom view thereof;

FIG. 8 is a top, right and front perspective view of a second embodiment of my new design of FIG. 1 for a combined mulching tooth and holder;

FIG. 9 is a top, left and rear view thereof;

FIG. 10 is a right view thereof, the left side being a mirror image thereto;

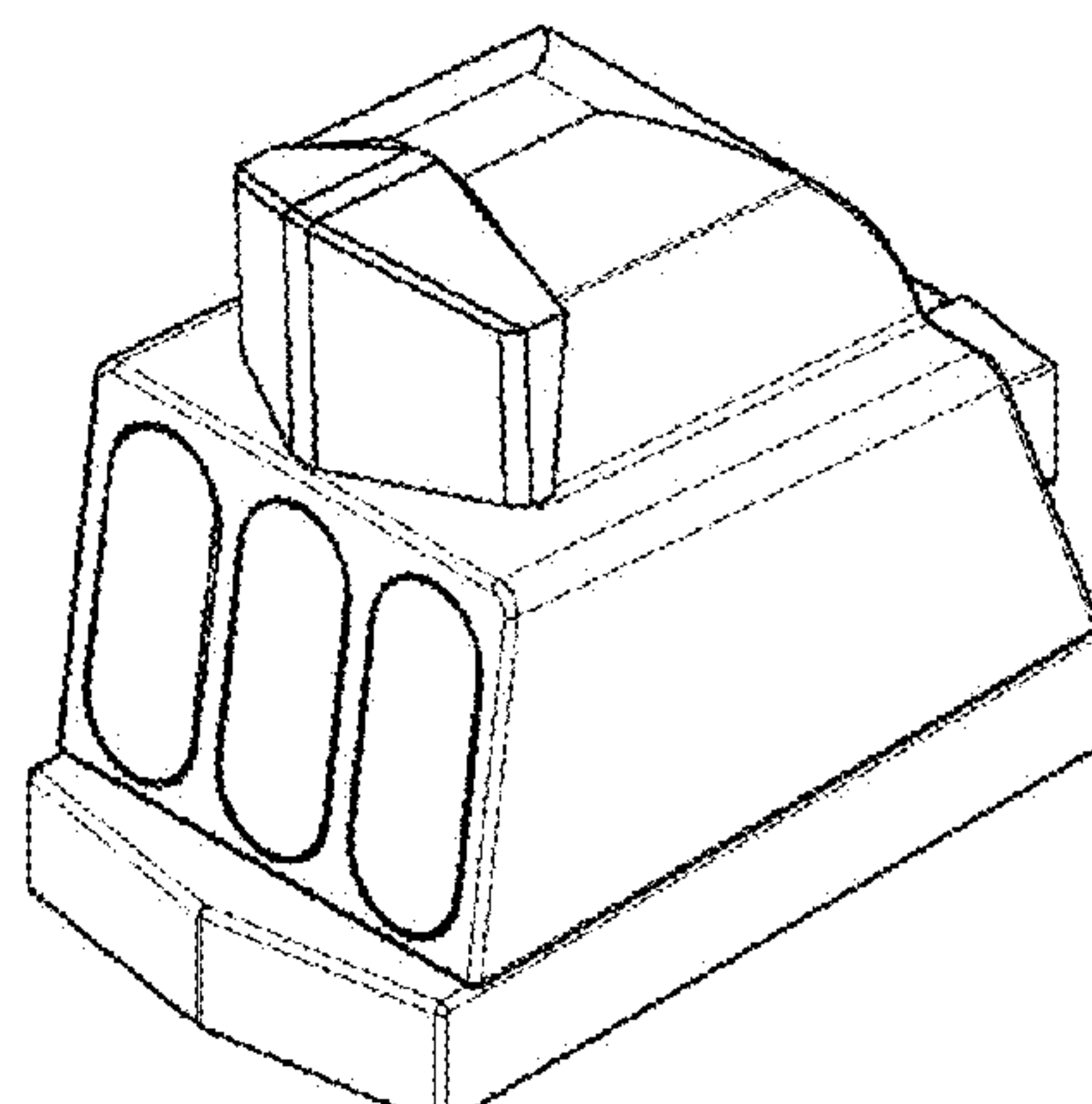
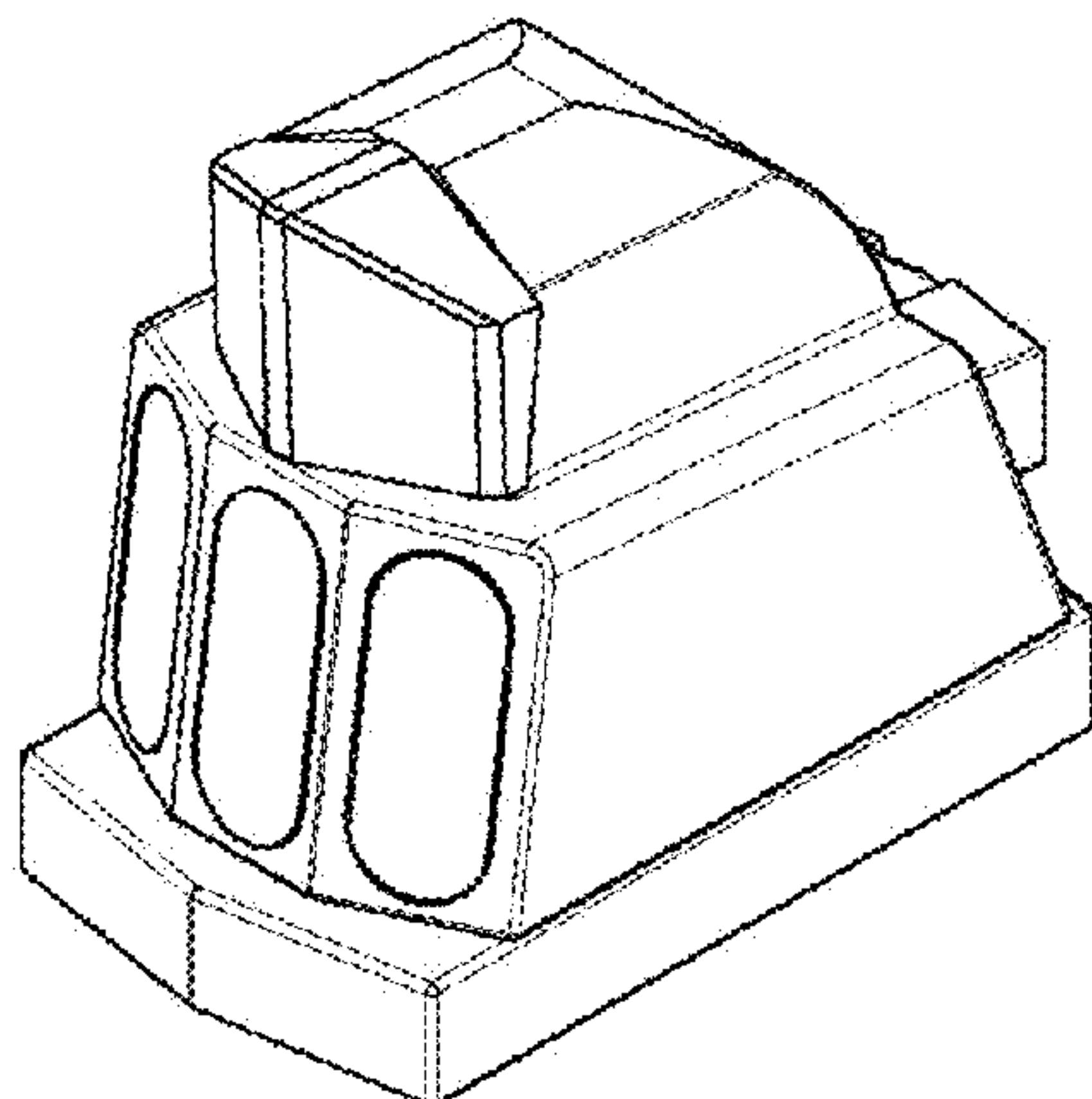
FIG. 11 is a front view thereof;

FIG. 12 is a top view thereof;

FIG. 13 is a rear view thereof; and,

FIG. 14 is a bottom view thereof.

1 Claim, 4 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D274,434 S * 6/1984 Nilsson D15/28
4,542,943 A 9/1985 Montgomery, Jr.
4,650,256 A 3/1987 Wetzinger
4,667,713 A * 5/1987 Wright 144/231
4,750,396 A * 6/1988 Gaddis et al. 83/844
4,915,455 A 4/1990 O'Neill et al.
D308,683 S * 6/1990 Meyers D15/29
D308,684 S * 6/1990 Meyers D15/29
5,005,622 A * 4/1991 Beach et al. 144/241
5,148,616 A * 9/1992 Maguina-Larco 37/452
5,647,641 A * 7/1997 Sulosky et al. 299/39.8
5,692,689 A 12/1997 Shinn
5,725,283 A * 3/1998 O'Neill 299/104
5,848,627 A 12/1998 Brown
6,024,143 A 2/2000 Ritchey
6,371,567 B1 * 4/2002 Sollami 299/104
6,382,277 B1 5/2002 Paumier et al.
6,386,641 B2 5/2002 Mondy
D458,614 S * 6/2002 Esterhuysen et al. D15/29
6,481,655 B1 11/2002 Feigel, Jr.
6,481,803 B2 11/2002 Ritchey
6,523,768 B2 2/2003 Recker et al.

D490,443 S * 5/2004 Cao D15/29
6,832,818 B2 * 12/2004 Luciano 299/39.8
6,854,810 B2 2/2005 Montgomery, Jr.
7,210,744 B2 5/2007 Montgomery, Jr.
7,222,808 B2 5/2007 Edwards
7,299,836 B2 * 11/2007 Green 144/24.12
7,338,134 B2 * 3/2008 Latham 299/87.1
D567,270 S * 4/2008 Chiang D15/140
7,380,576 B2 6/2008 Pizzuto
D574,689 S * 8/2008 Holl et al. D8/71
7,520,570 B2 * 4/2009 Sansone et al. 299/95
7,607,867 B2 * 10/2009 Benson 407/102
7,694,443 B2 * 4/2010 Gabela et al. 37/455
7,971,375 B2 * 7/2011 Gabela et al. 37/455
8,167,225 B2 5/2012 Gaudreault
2001/0045478 A1 * 11/2001 Recker et al. 241/294
2005/0098015 A1 * 5/2005 Latham 83/698.41

OTHER PUBLICATIONS

Kennametal “Road Construction Drums & Block Systems” brochure, 2010—7 pages.
Kennametal Product, two photographs, Jul. 2012.

* cited by examiner

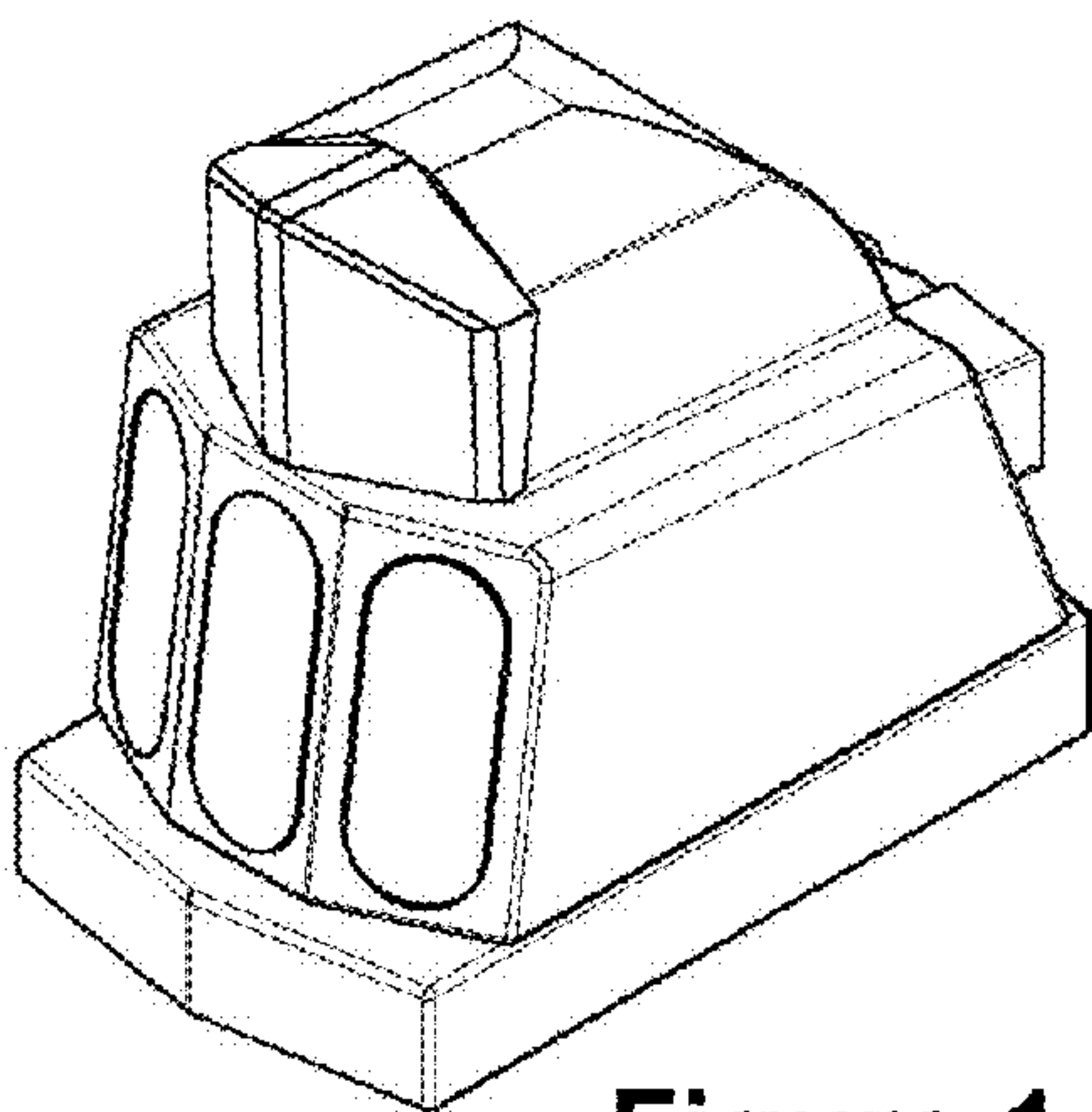


Figure 1

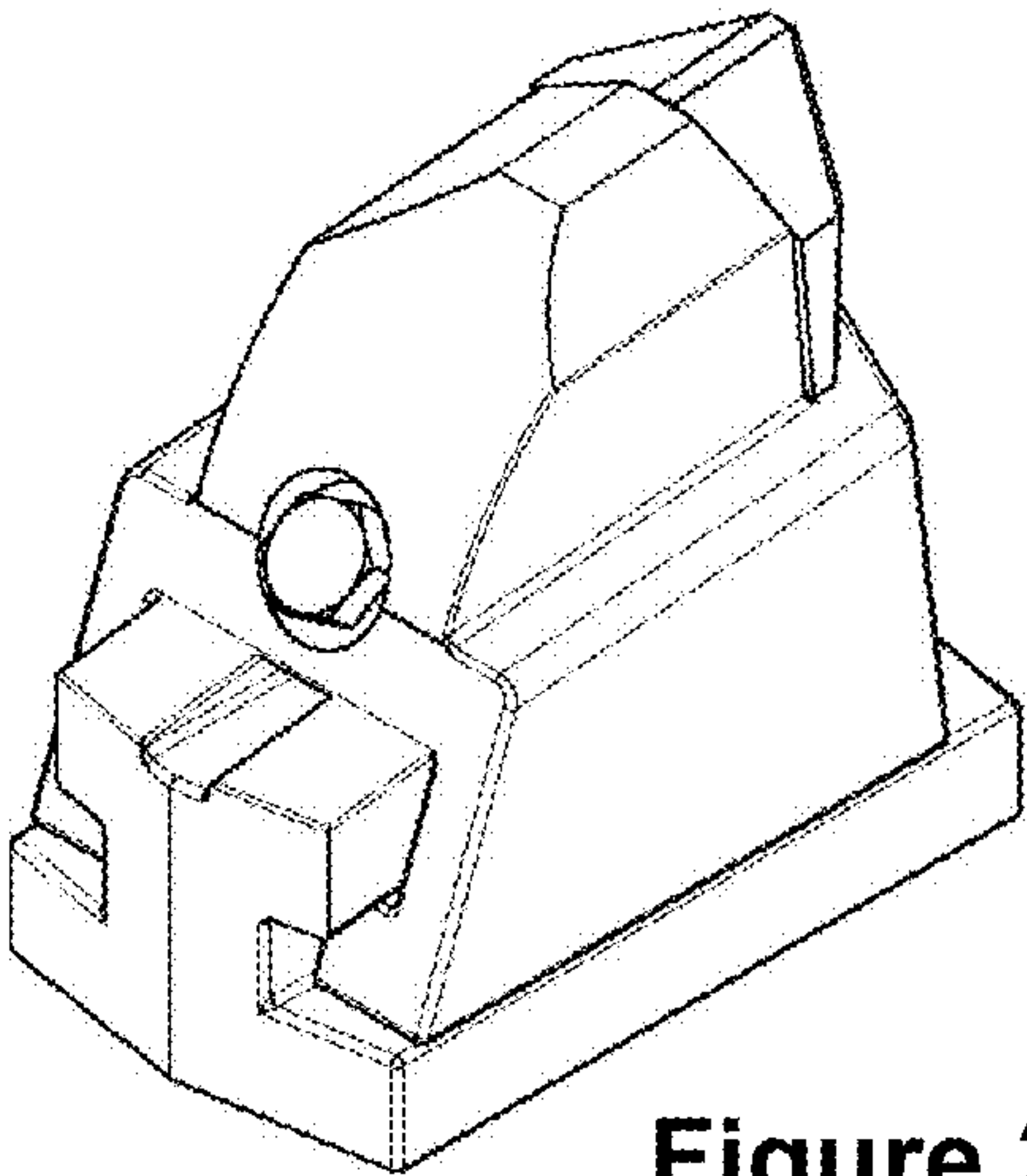


Figure 2

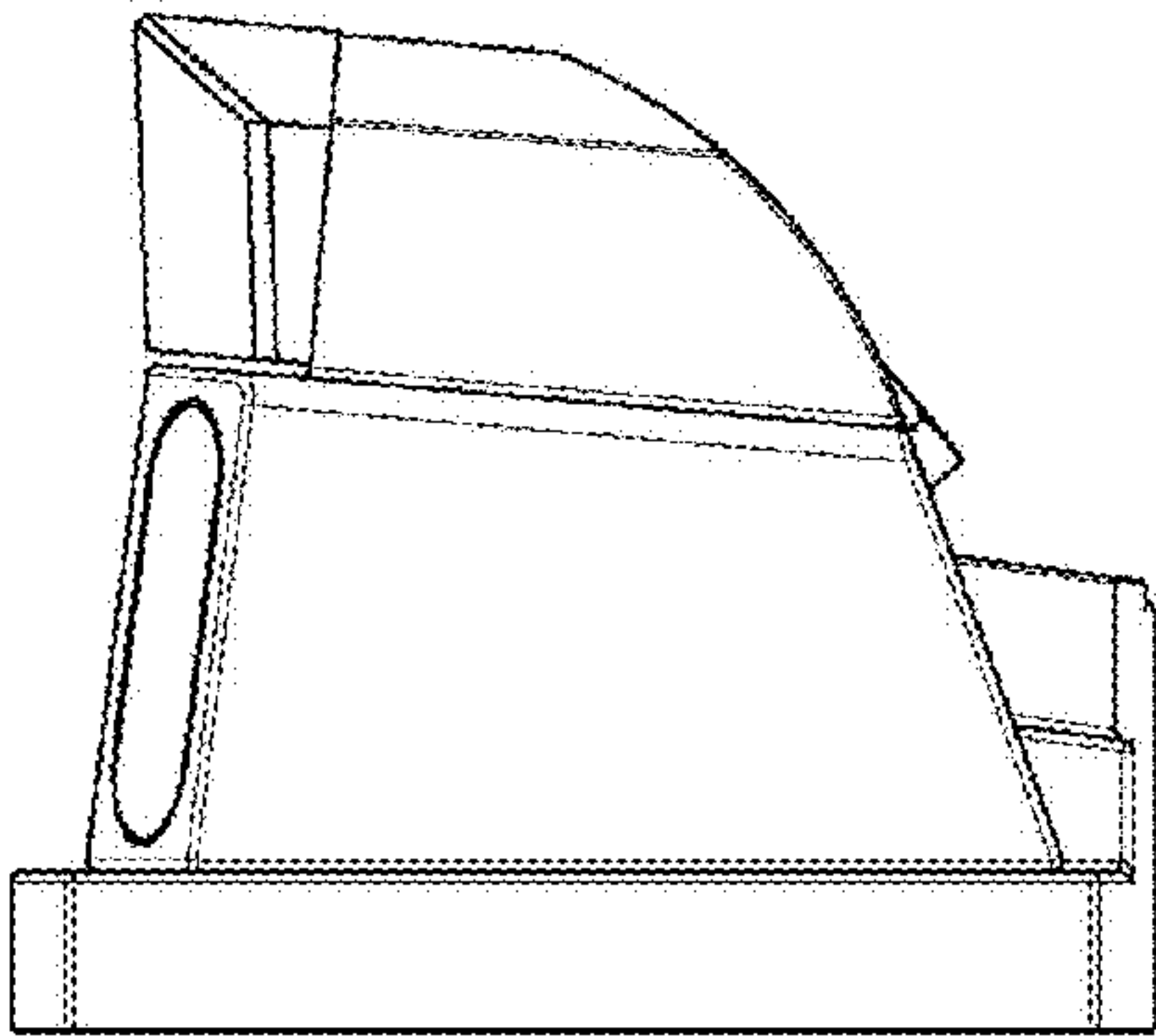


Figure 3

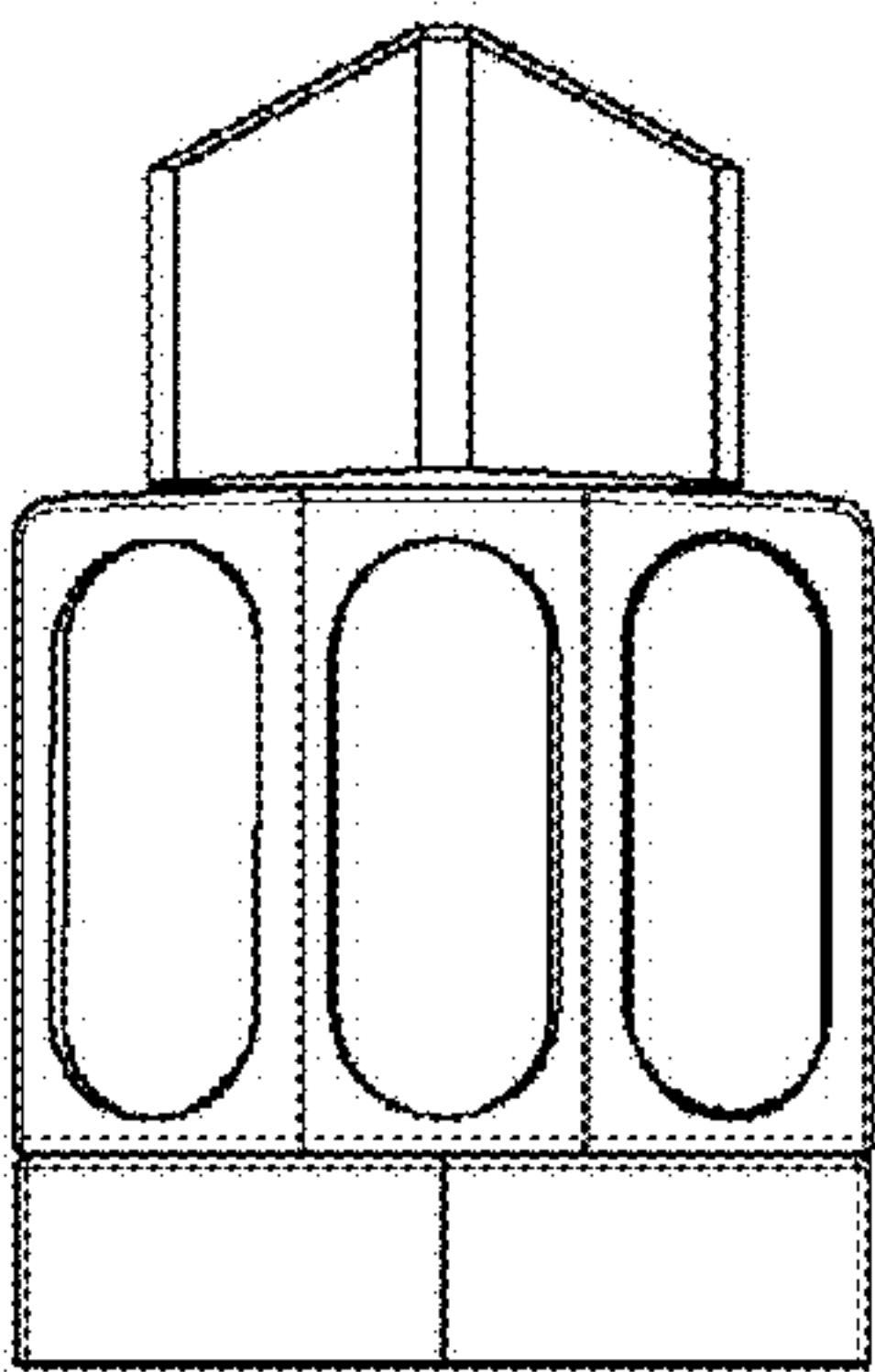


Figure 4

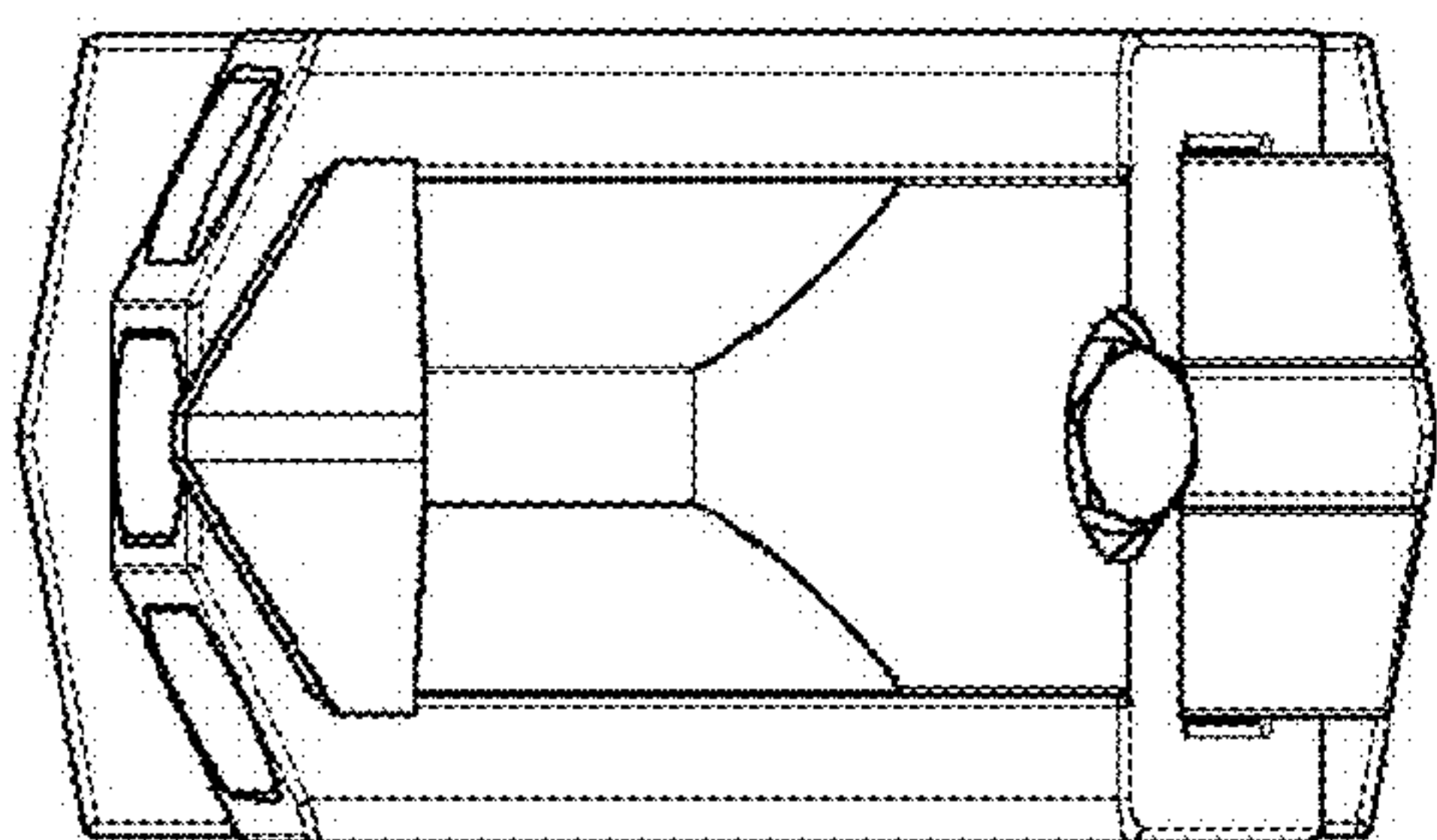


Figure 5

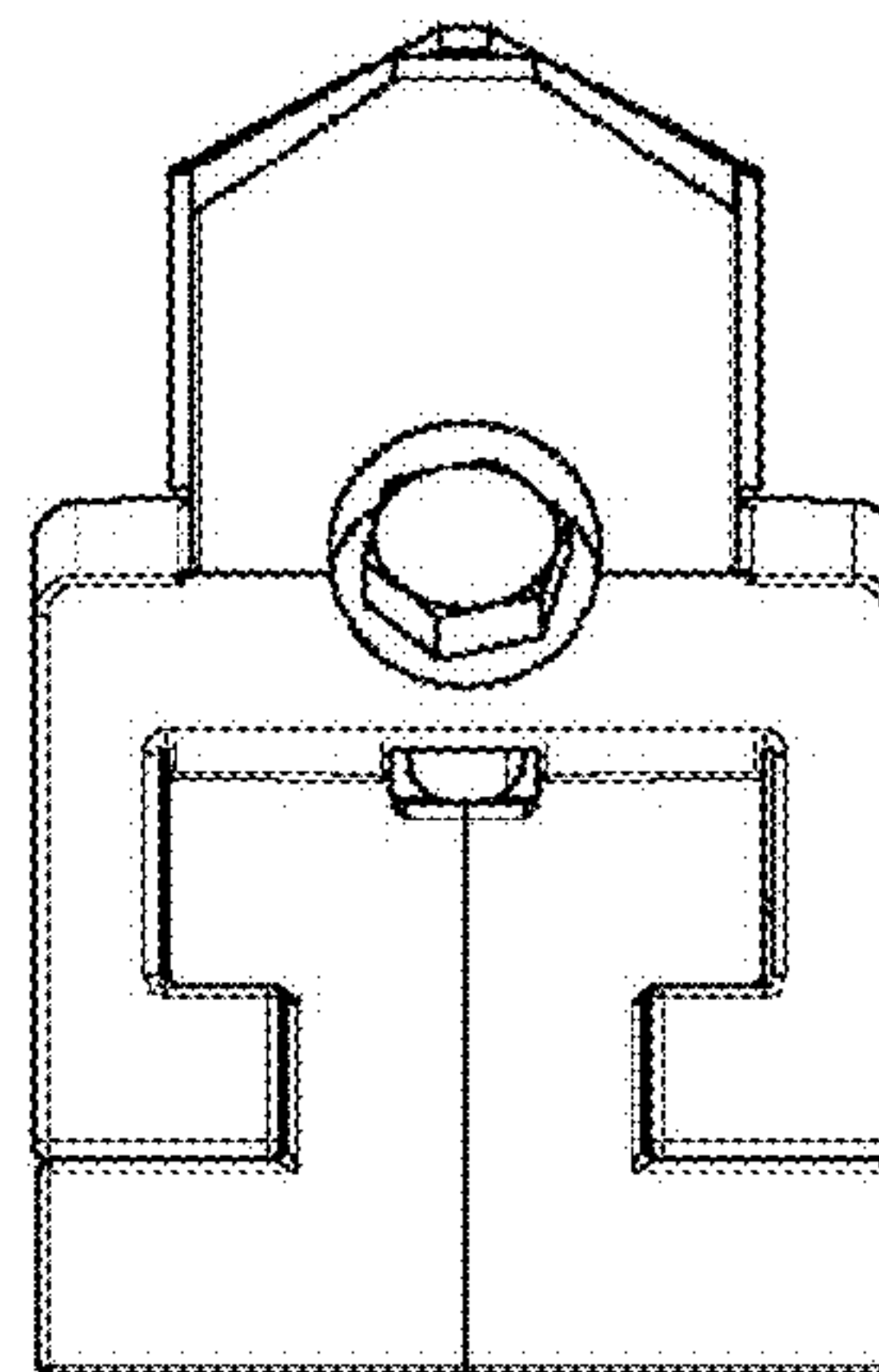


Figure 6



Figure 7

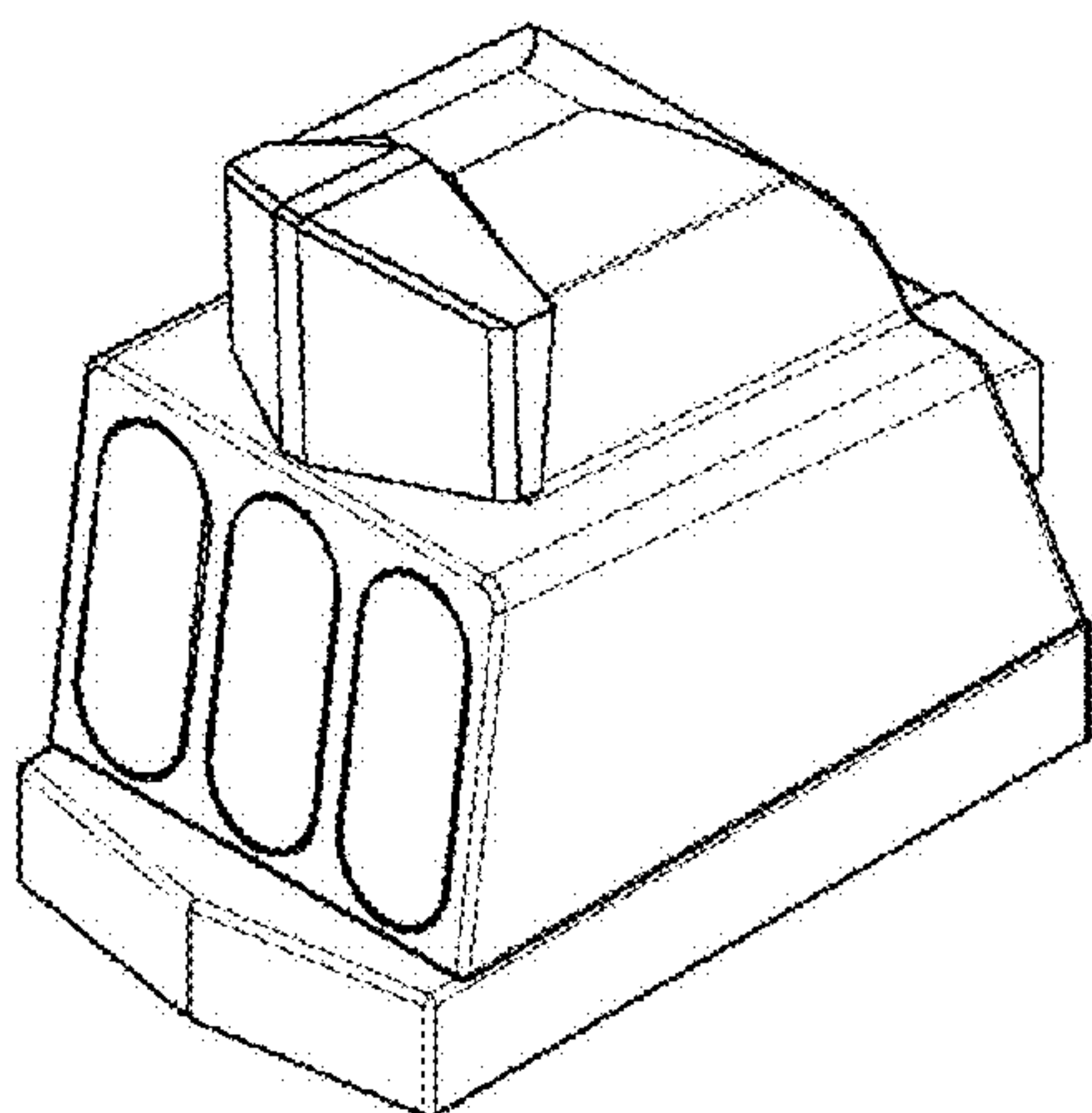


Figure 8

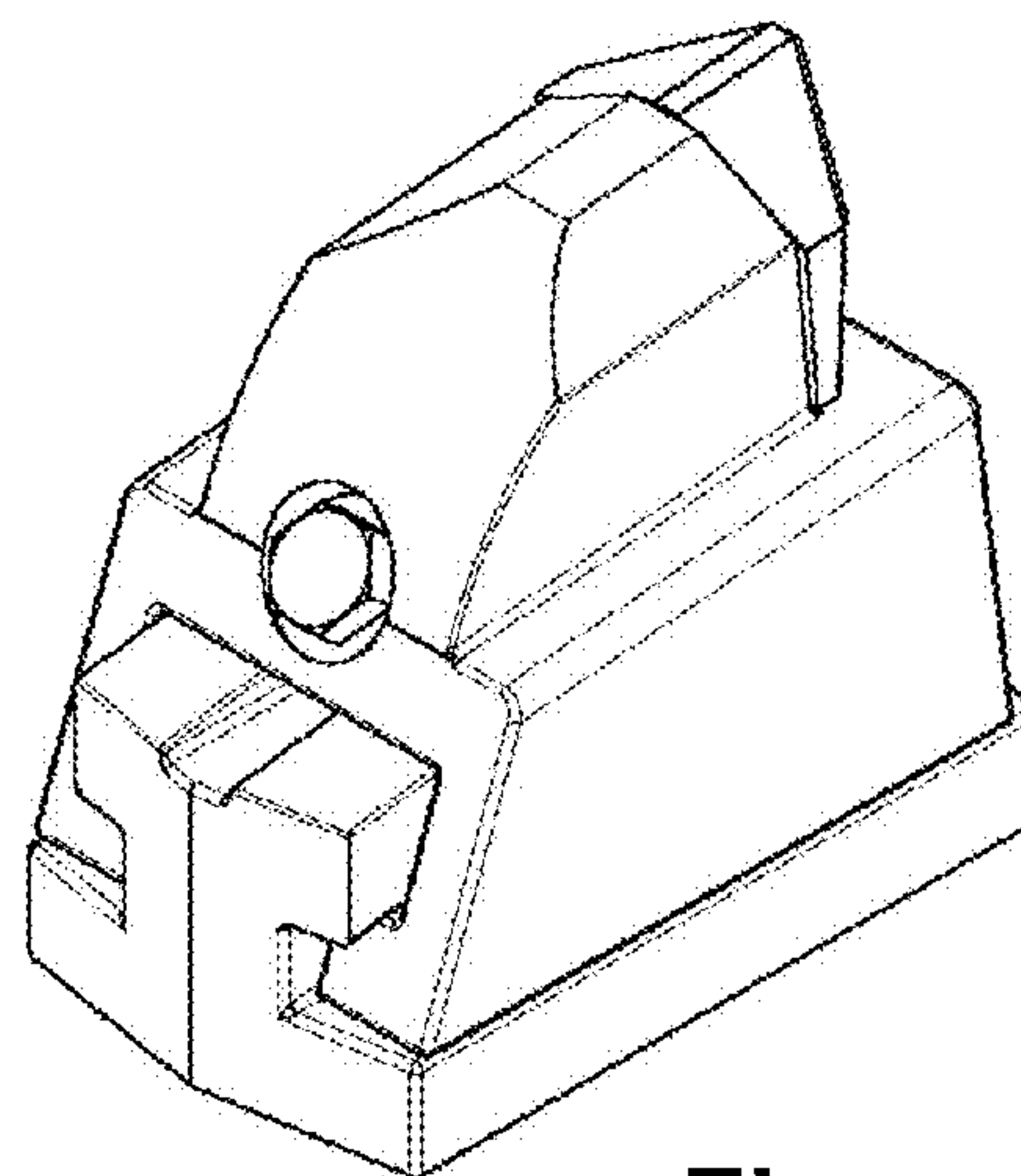


Figure 9

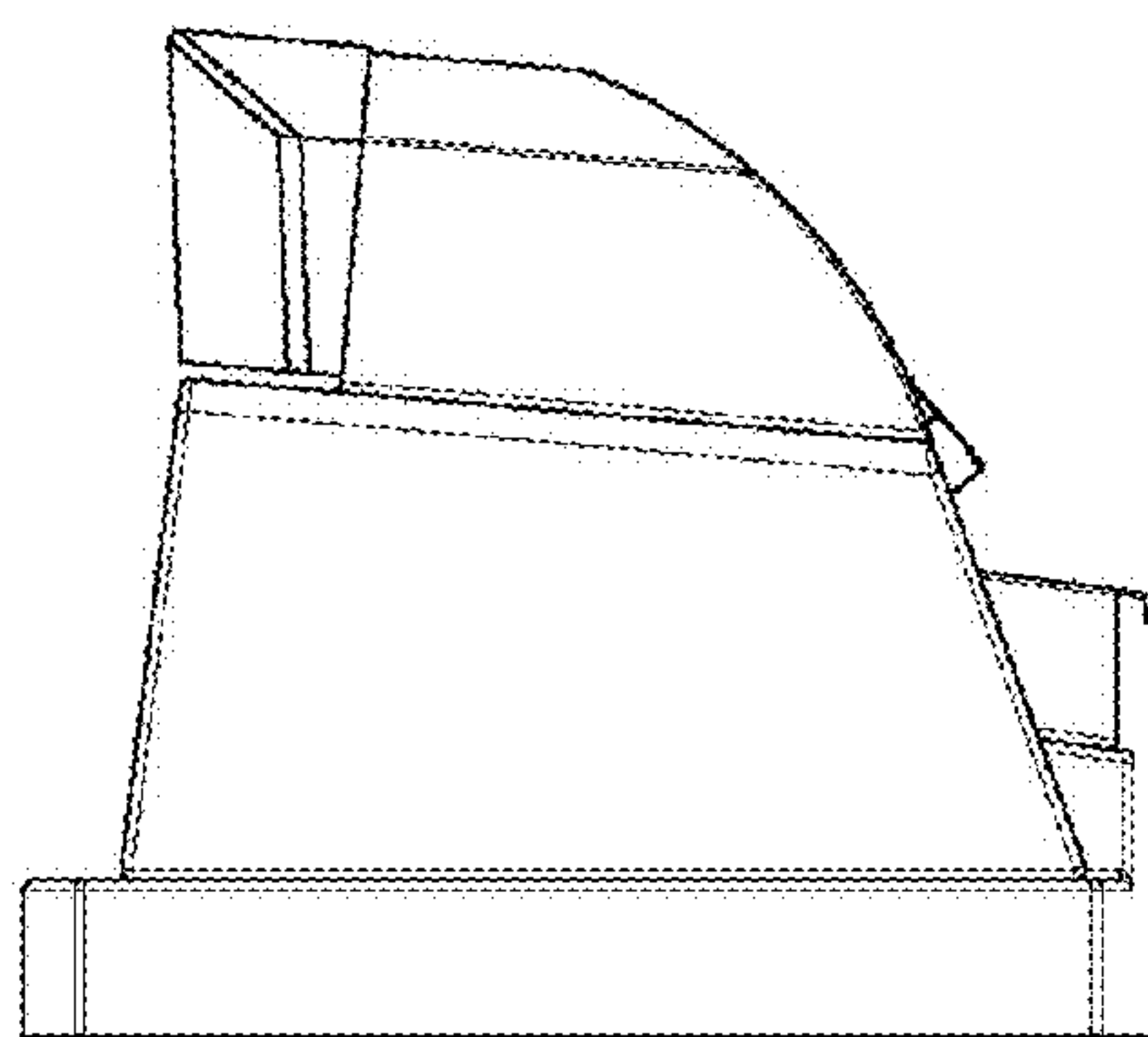


Figure 10

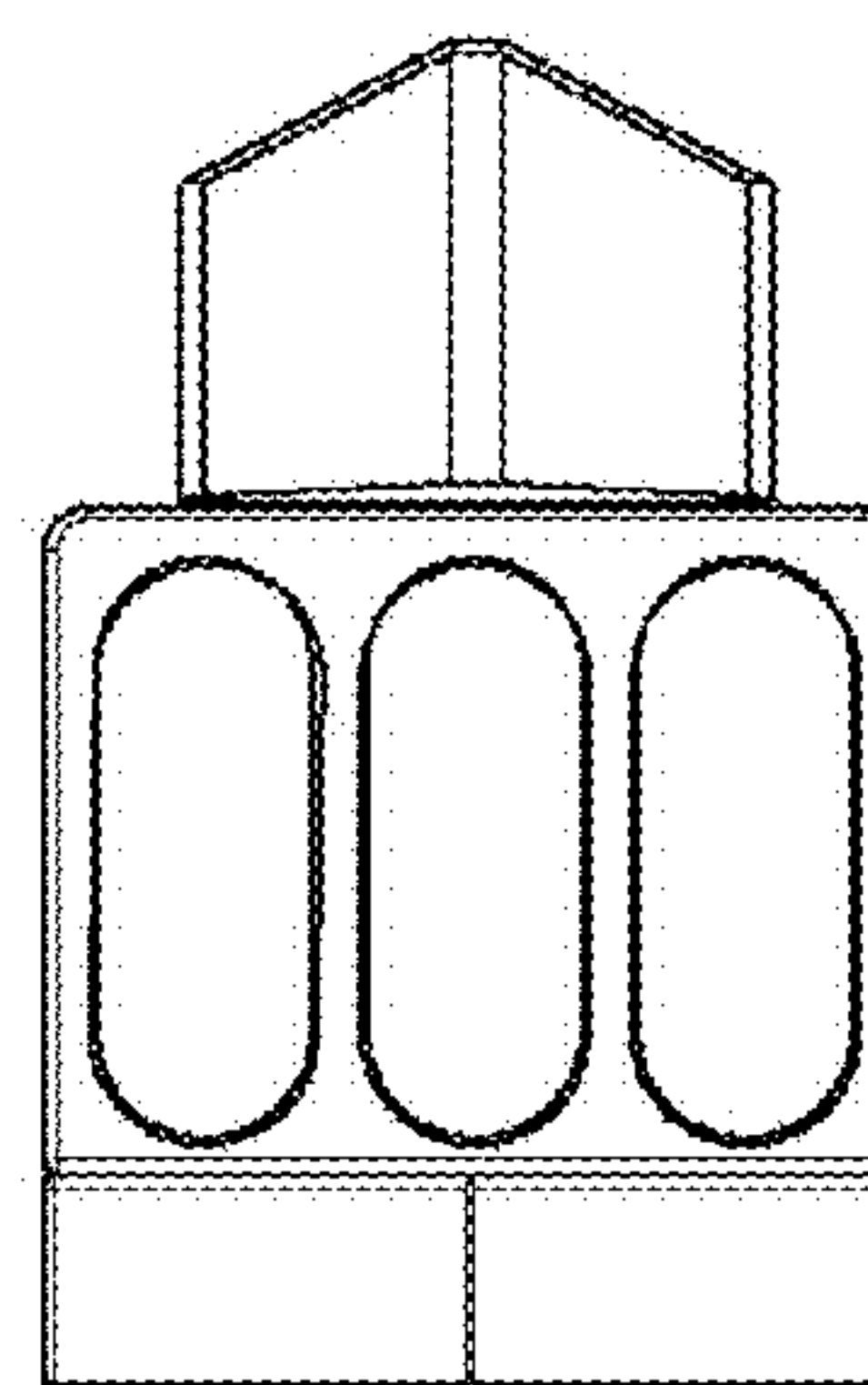


Figure 11

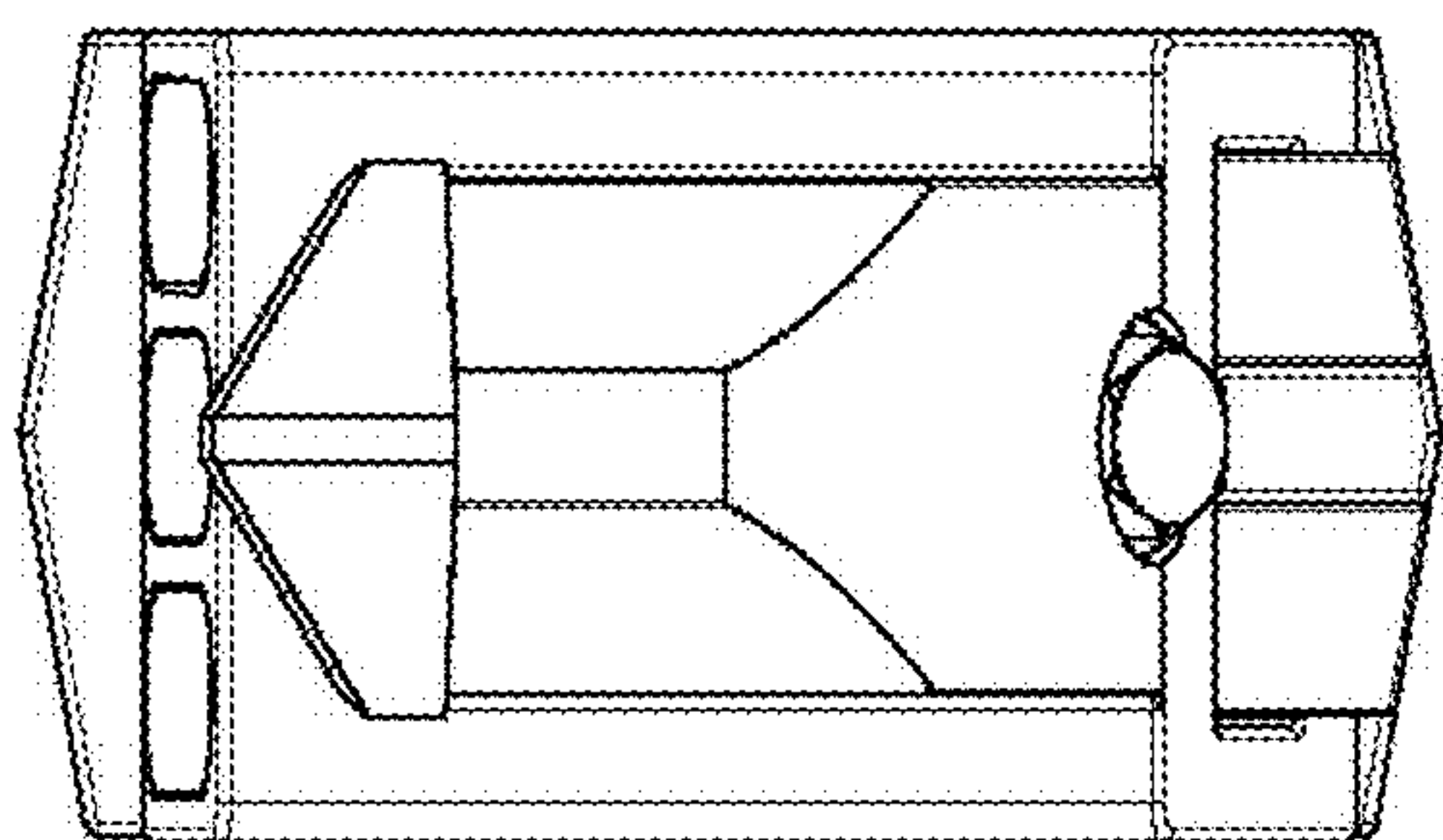


Figure 12

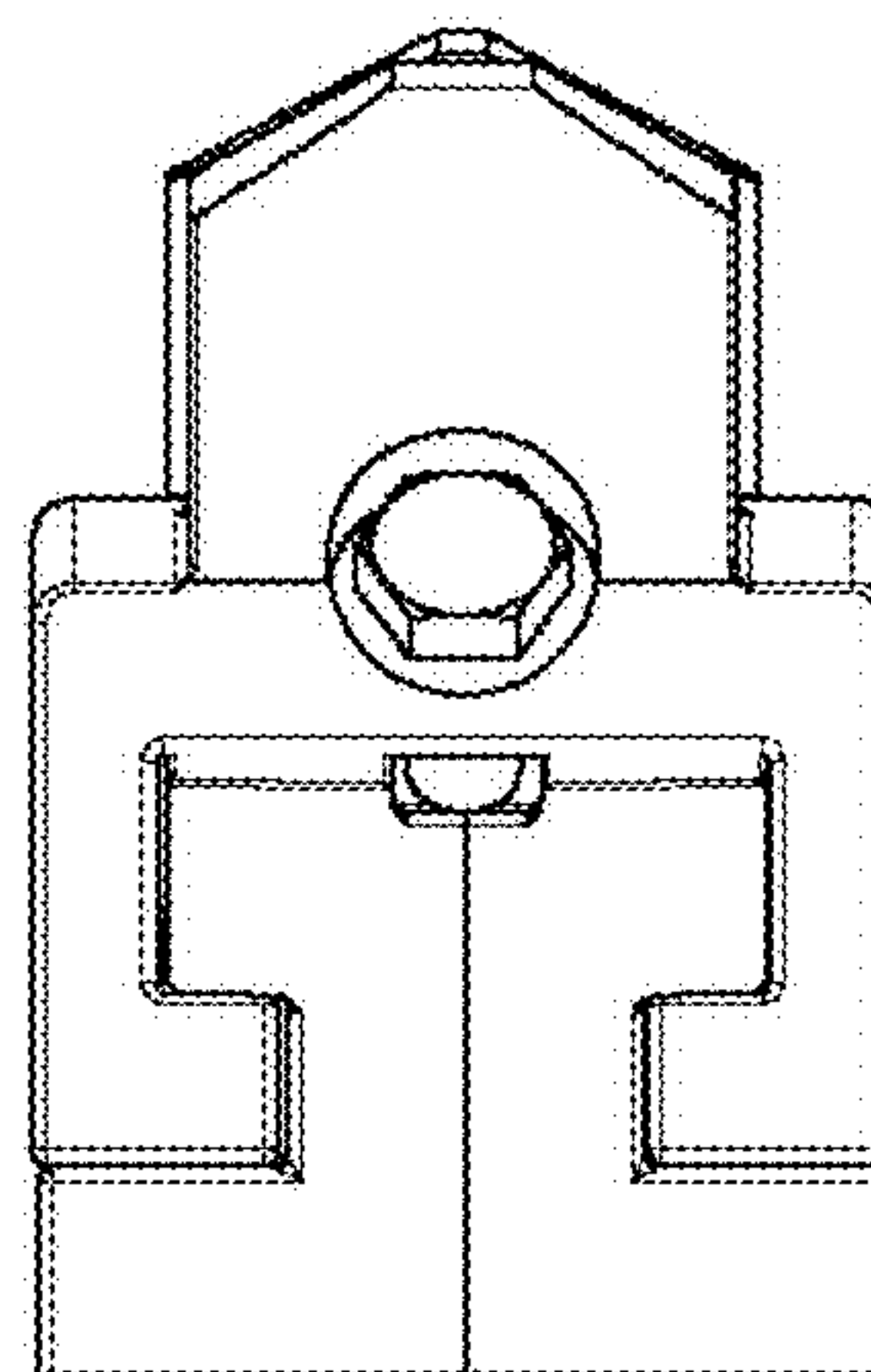


Figure 13



Figure 14