



US00D645772S

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

(10) **Patent No.:** **US D645,772 S**

(45) **Date of Patent:** **** Sep. 27, 2011**

(54) **OPTICAL DETECTION SYSTEM**

(75) Inventors: **R. Stephen Brown**, Kingston (CA); **Eric Marcotte**, Kingston (CA); **Doug Wilton**, Kingston (CA); **Peter Gallant**, Kingston (CA); **David Dolphin**, Inverary (CA); **Michael Miron**, Kingston (CA); **Lee Underwood**, High Wycombe (GB); **David (Geoffrey) Robinson**, Little Kimble (GB); **Les Stokes**, London (GB); **Peter Holdcroft**, Berkhamsted (GB); **Matthew Brown**, Camberley (GB)

(73) Assignees: **Queen's University**, Kingston, Ontario (CA); **Pathogen Detection Systems, Inc.**, Kingston, Ontario (CA)

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

(21) Appl. No.: **29/364,105**

(22) Filed: **Jun. 18, 2010**

(51) **LOC (9) Cl.** **10-05**

(52) **U.S. Cl.** **D10/106.6**

(58) **Field of Classification Search** D10/106.6;
D14/140.5; 99/375, 341; D7/352

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D383,353	S	*	9/1997	Piret	.....	D7/352
D389,372	S	*	1/1998	Saltet	.....	D7/352
5,845,562	A	*	12/1998	Deni et al.	.....	99/375
D408,750	S	*	4/1999	Weiss et al.	.....	D10/106.6
D412,862	S	*	8/1999	Maeyama	.....	D10/106.6
6,016,741	A	*	1/2000	Tsai et al.	.....	99/341
D435,755	S	*	1/2001	Deni	.....	D7/352
D463,792	S	*	10/2002	Stokes et al.	.....	D14/140.5

* cited by examiner

Primary Examiner — Caron D Veynar

Assistant Examiner — George D Kirschbaum

(74) *Attorney, Agent, or Firm* — Thomas Meyers; Lillian Horwitz; Brown Rudnick LLP

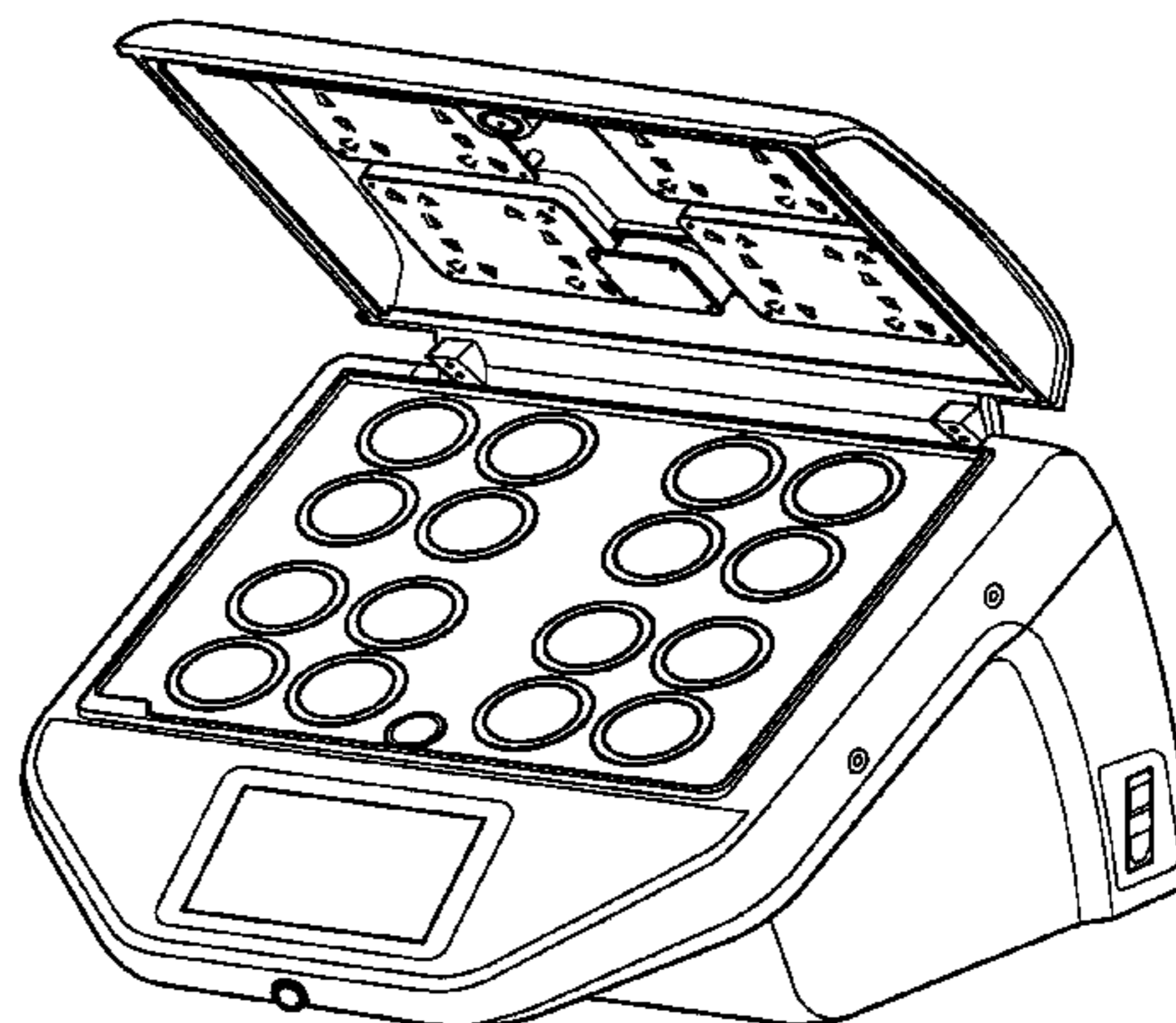
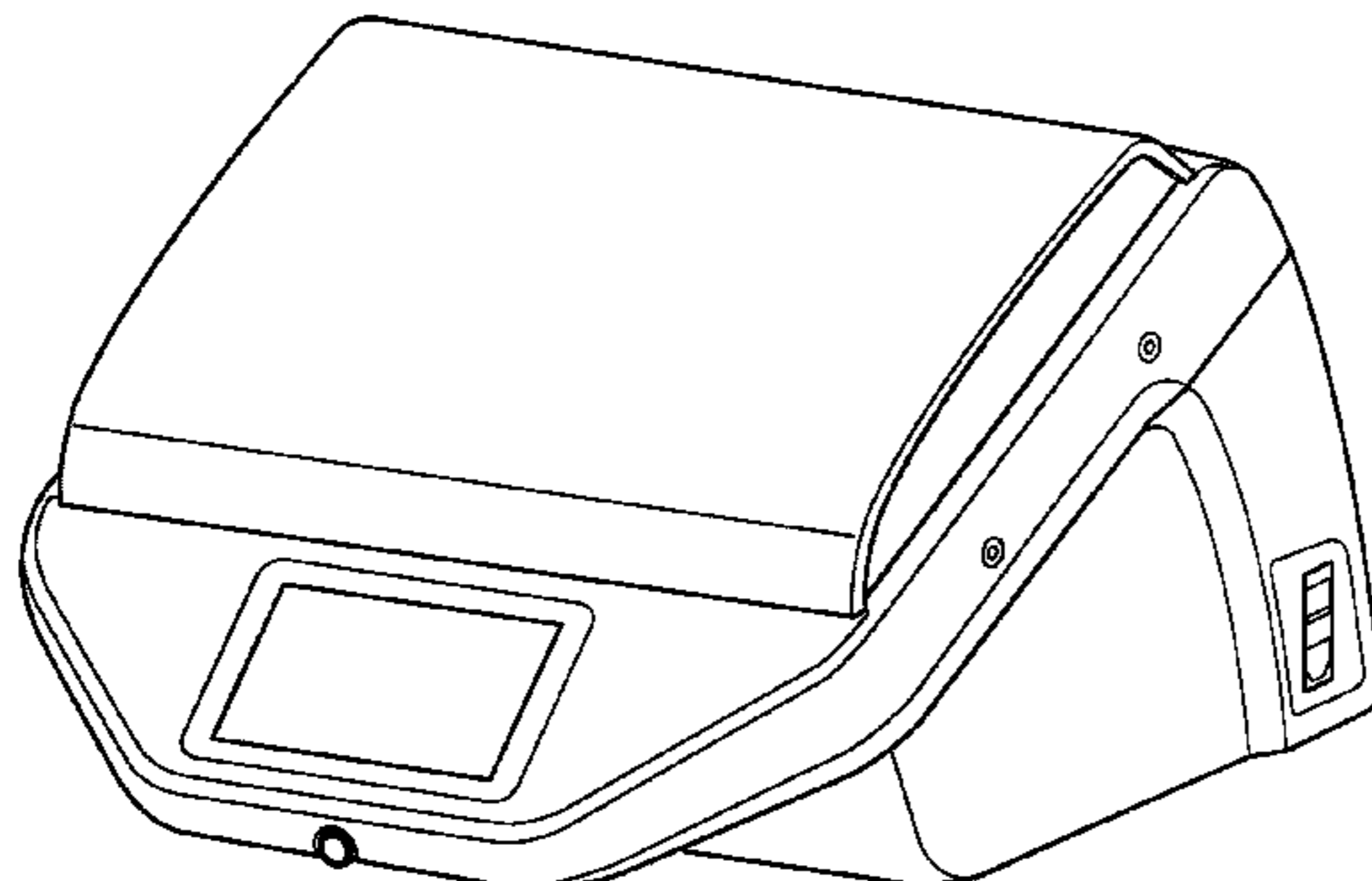
(57) **CLAIM**

The ornamental design for an optical detection system, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a new design of an optical detection system;
 FIG. 2 is a right side view of the optical detection system illustrated in FIG. 1;
 FIG. 3 is a left side view of the optical detection system illustrated in FIG. 1;
 FIG. 4 is a front view of the optical detection system illustrated in FIG. 1;
 FIG. 5 is a back view of the optical detection system illustrated in FIG. 1;
 FIG. 6 is a top view of the optical detection system illustrated in FIG. 1;
 FIG. 7 is a bottom view of the optical detection system illustrated in FIG. 1;
 FIG. 8 is a perspective view of the optical detection system illustrated in FIG. 1 in a first open position;
 FIG. 9 is a right side view of the optical detection system illustrated in FIG. 8;
 FIG. 10 is a left side view of the optical detection system illustrated in FIG. 8;
 FIG. 11 is a front view of the optical detection system illustrated in FIG. 8;
 FIG. 12 is a back view of the optical detection system illustrated in FIG. 8;
 FIG. 13 is a top view of the optical detection system illustrated in FIG. 8;
 FIG. 14 is a bottom view of the optical detection system illustrated in FIG. 8;
 FIG. 15 is a perspective view of the optical detection system illustrated in FIG. 1 in a second open position;
 FIG. 16 is a right side view of the optical detection system illustrated in FIG. 15;
 FIG. 17 is a left side view of the optical detection system illustrated in FIG. 15;
 FIG. 18 is a front view of the optical detection system illustrated in FIG. 15;
 FIG. 19 is a back view of the optical detection system illustrated in FIG. 15;
 FIG. 20 is a top view of the optical detection system illustrated in FIG. 15; and,
 FIG. 21 is a bottom view of the optical detection system illustrated in FIG. 15.

1 Claim, 12 Drawing Sheets



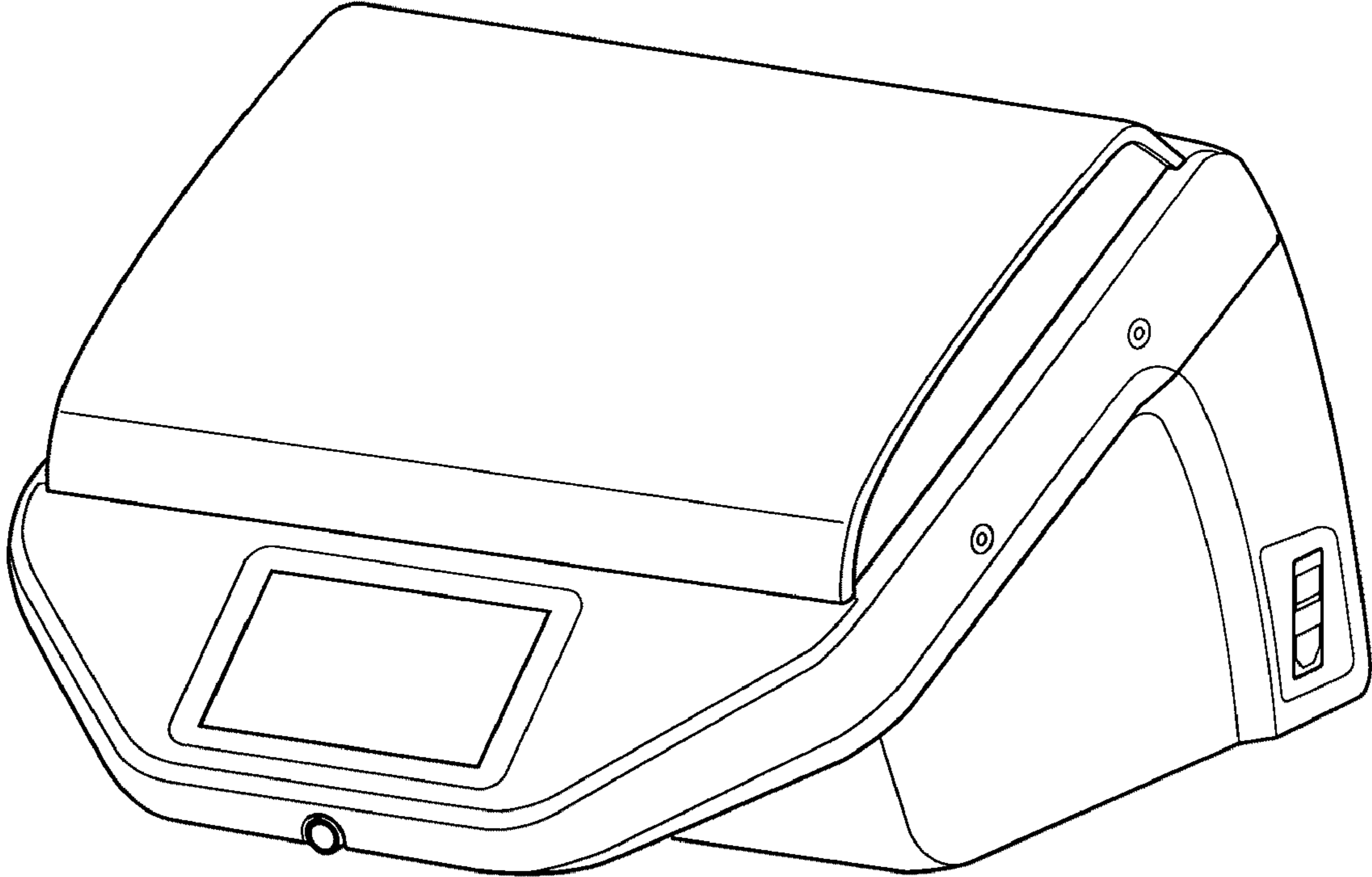


Figure 1

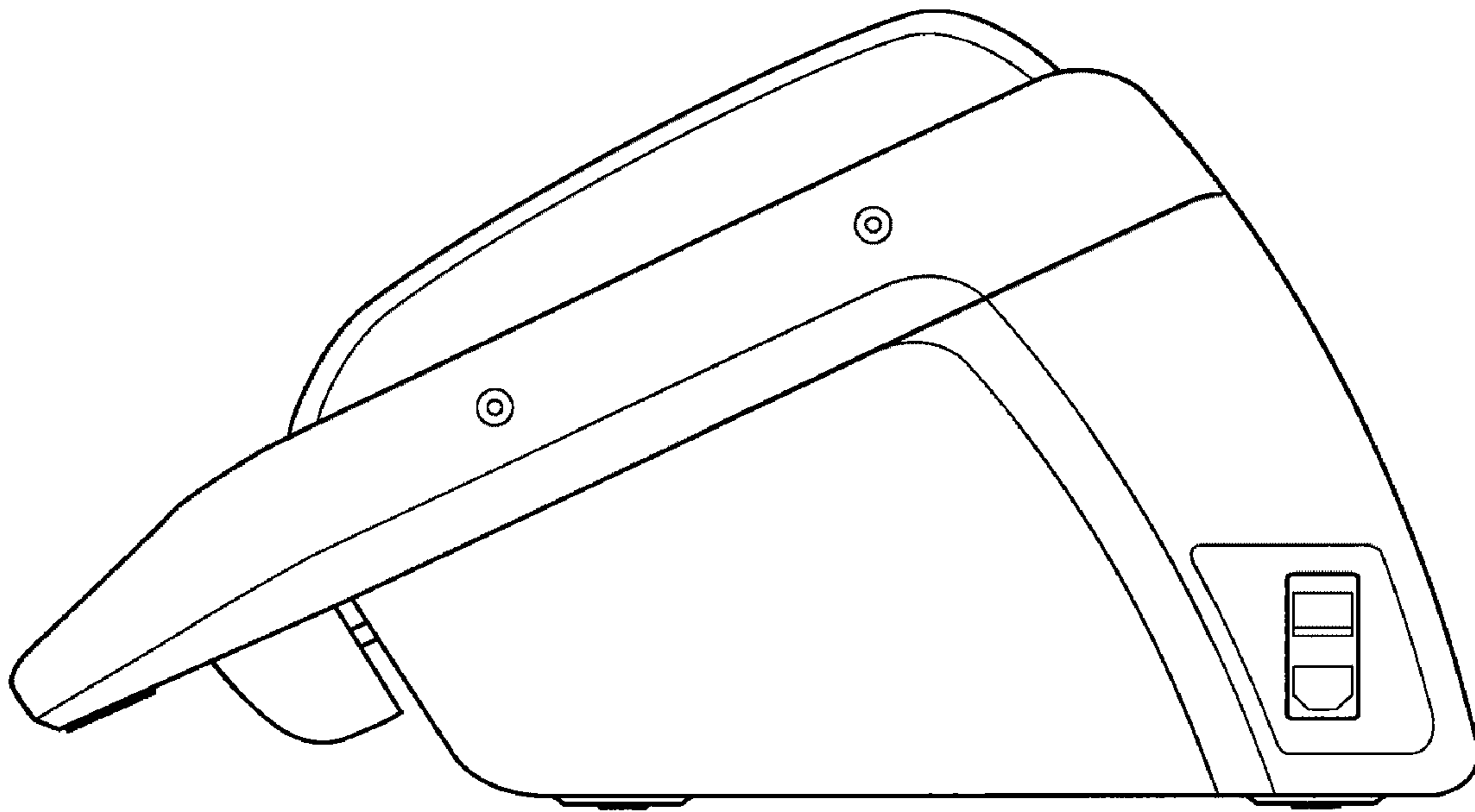


Figure 2

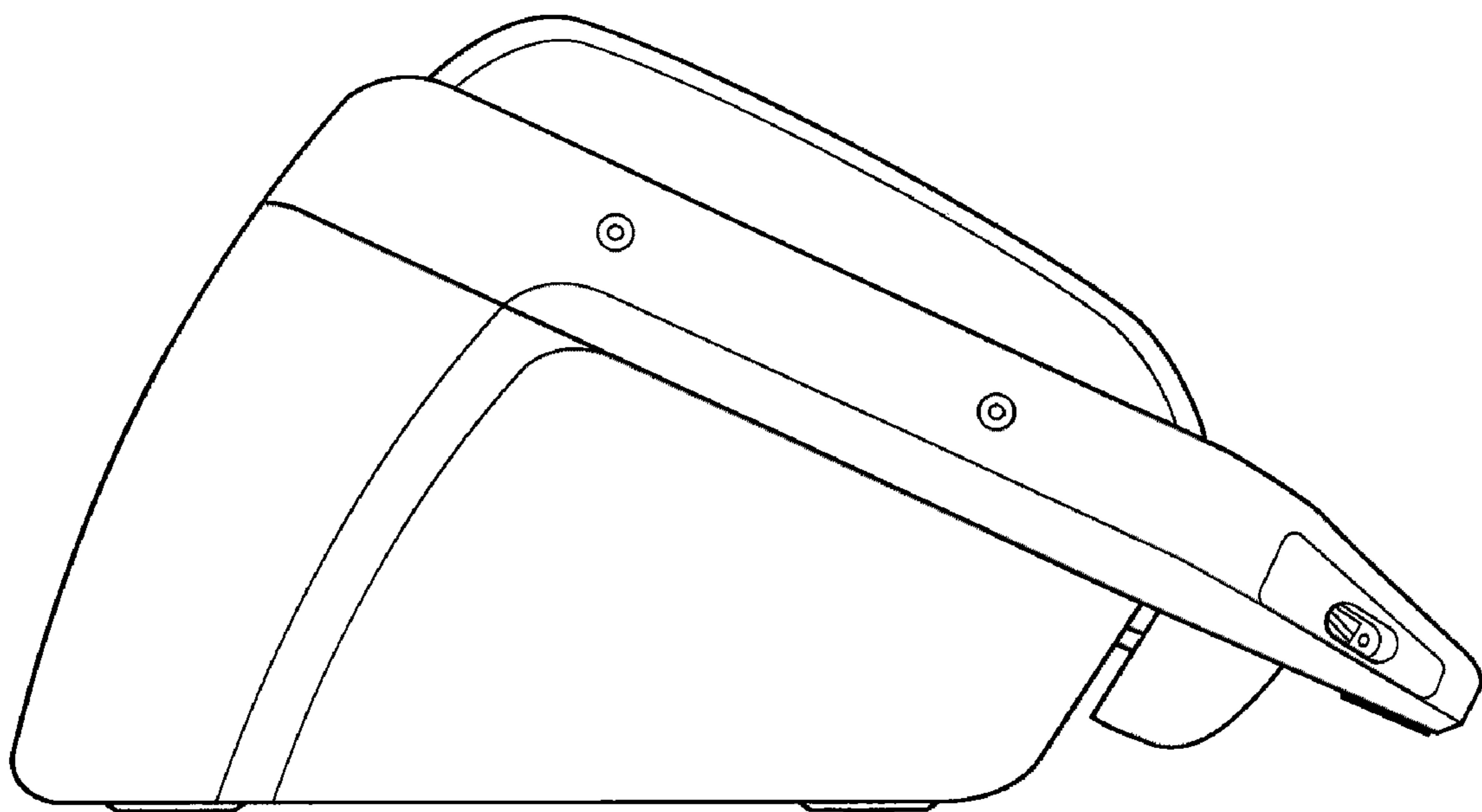


Figure 3

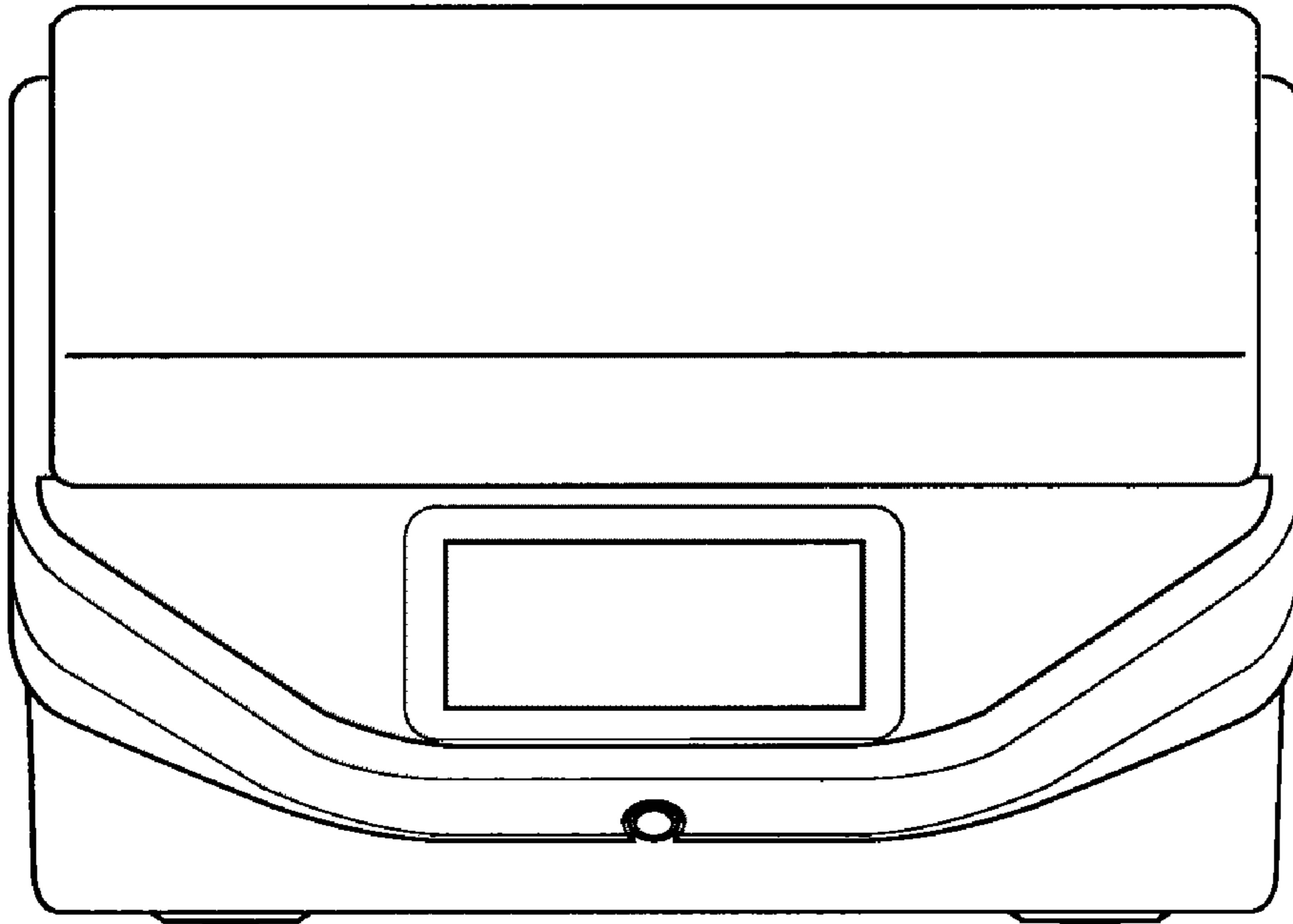


Figure 4

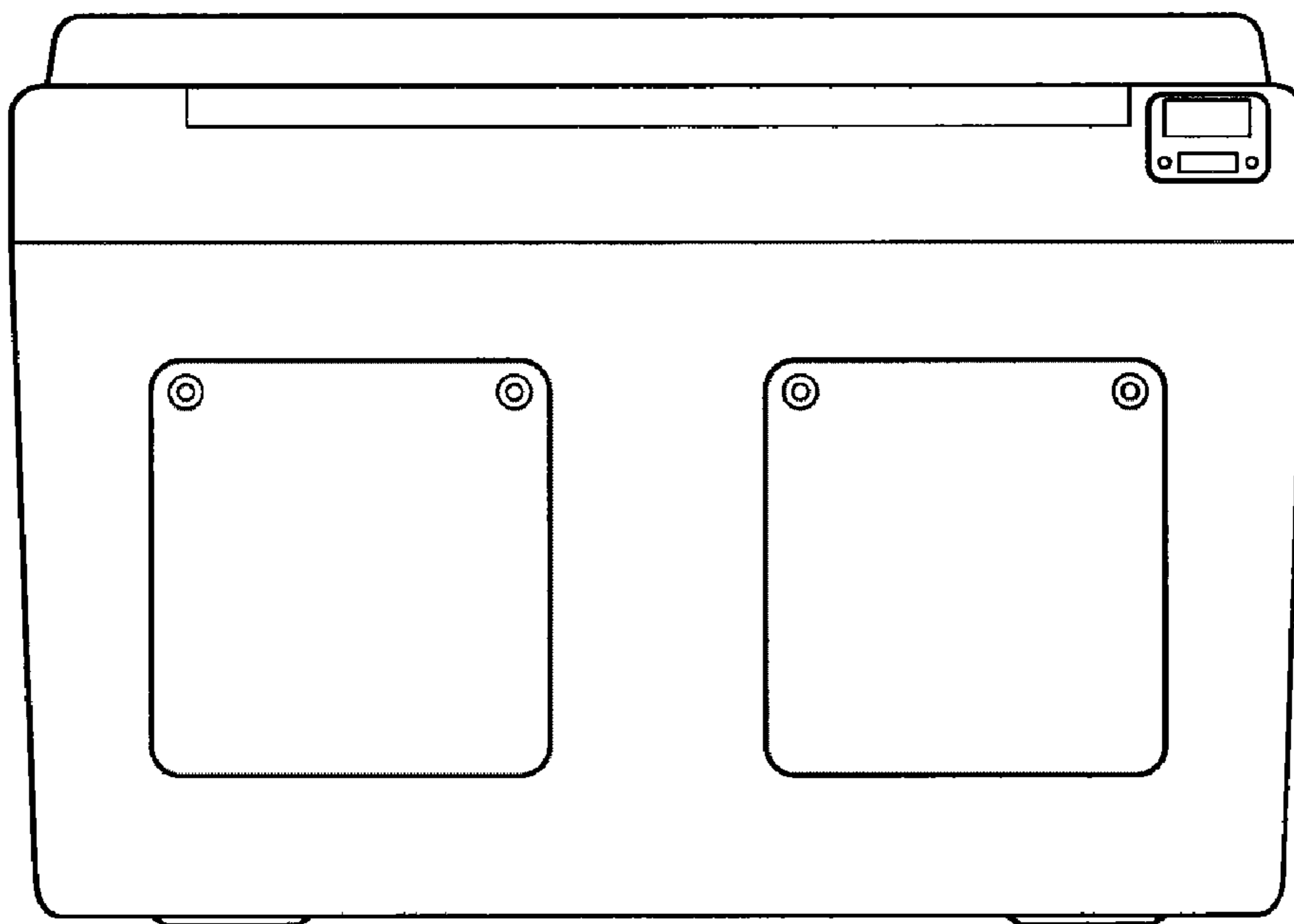


Figure 5

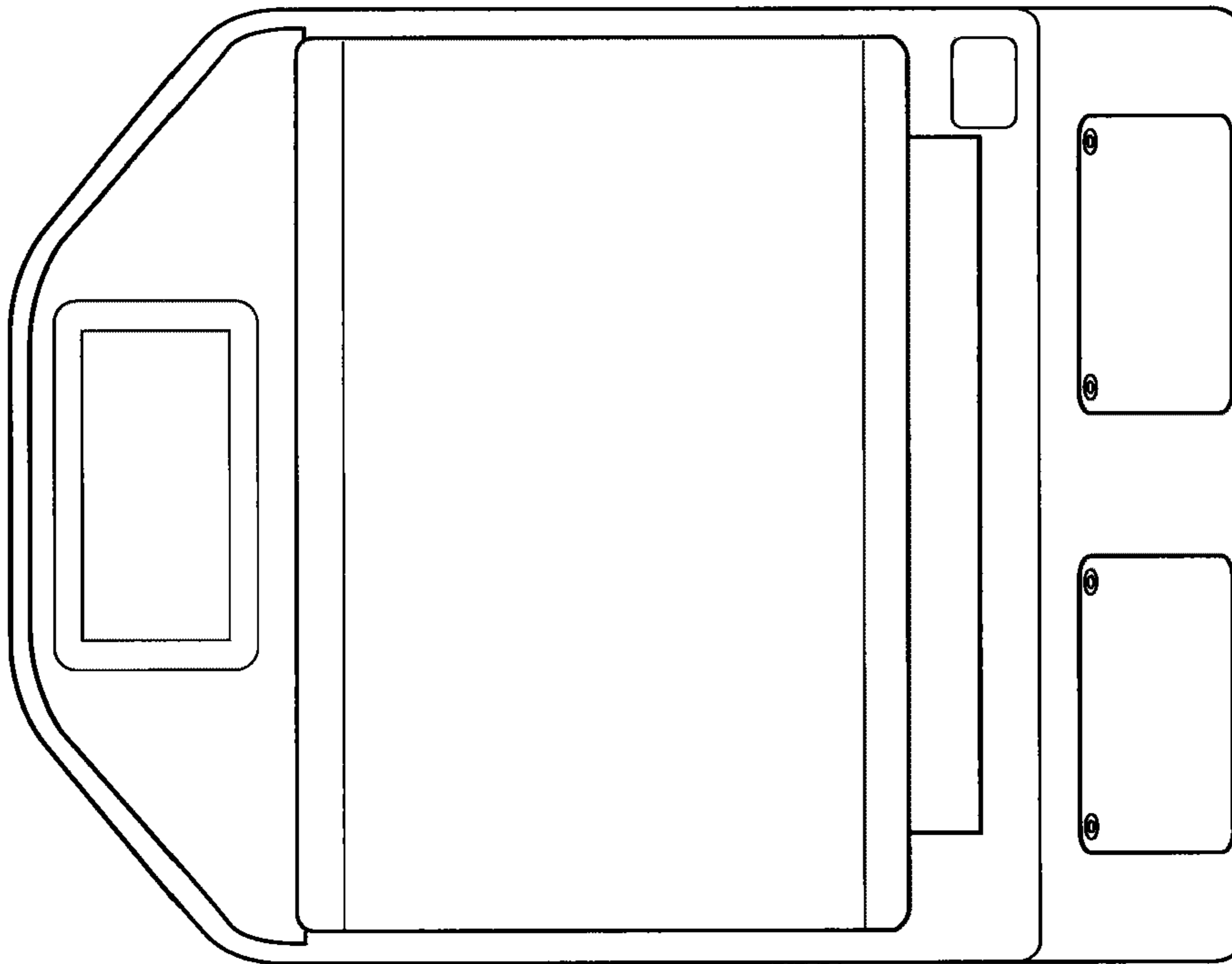


Figure 6

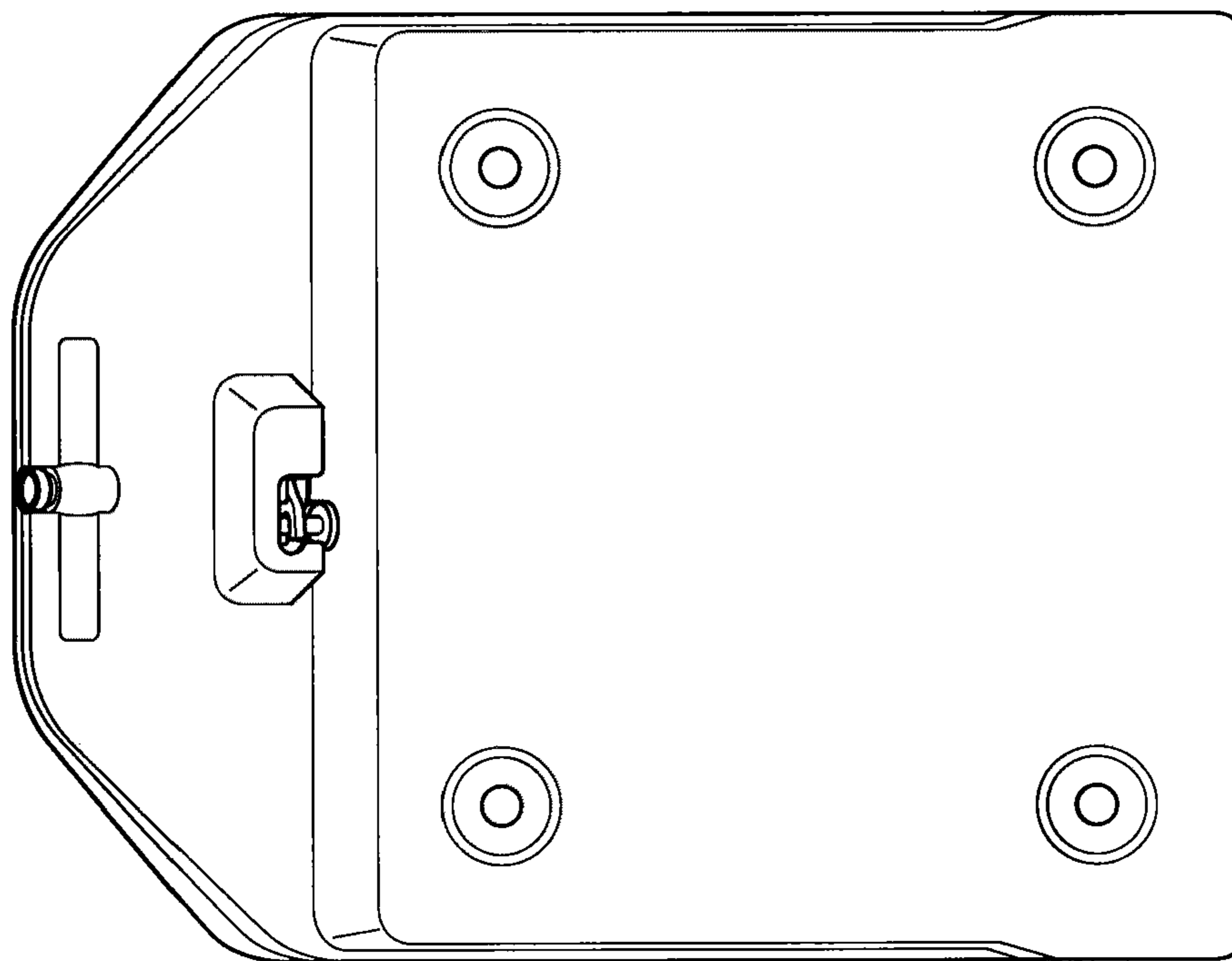


Figure 7

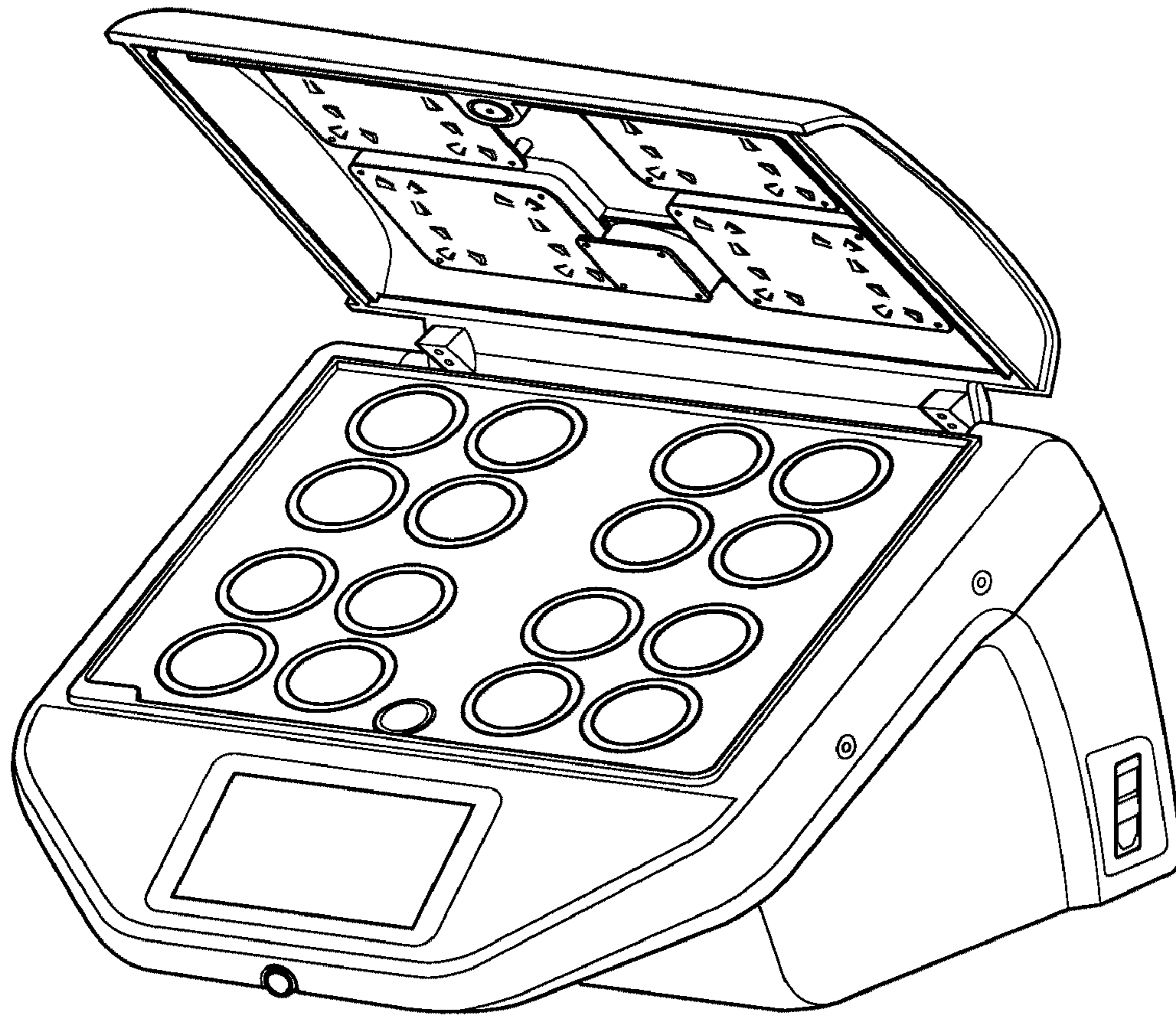


Figure 8

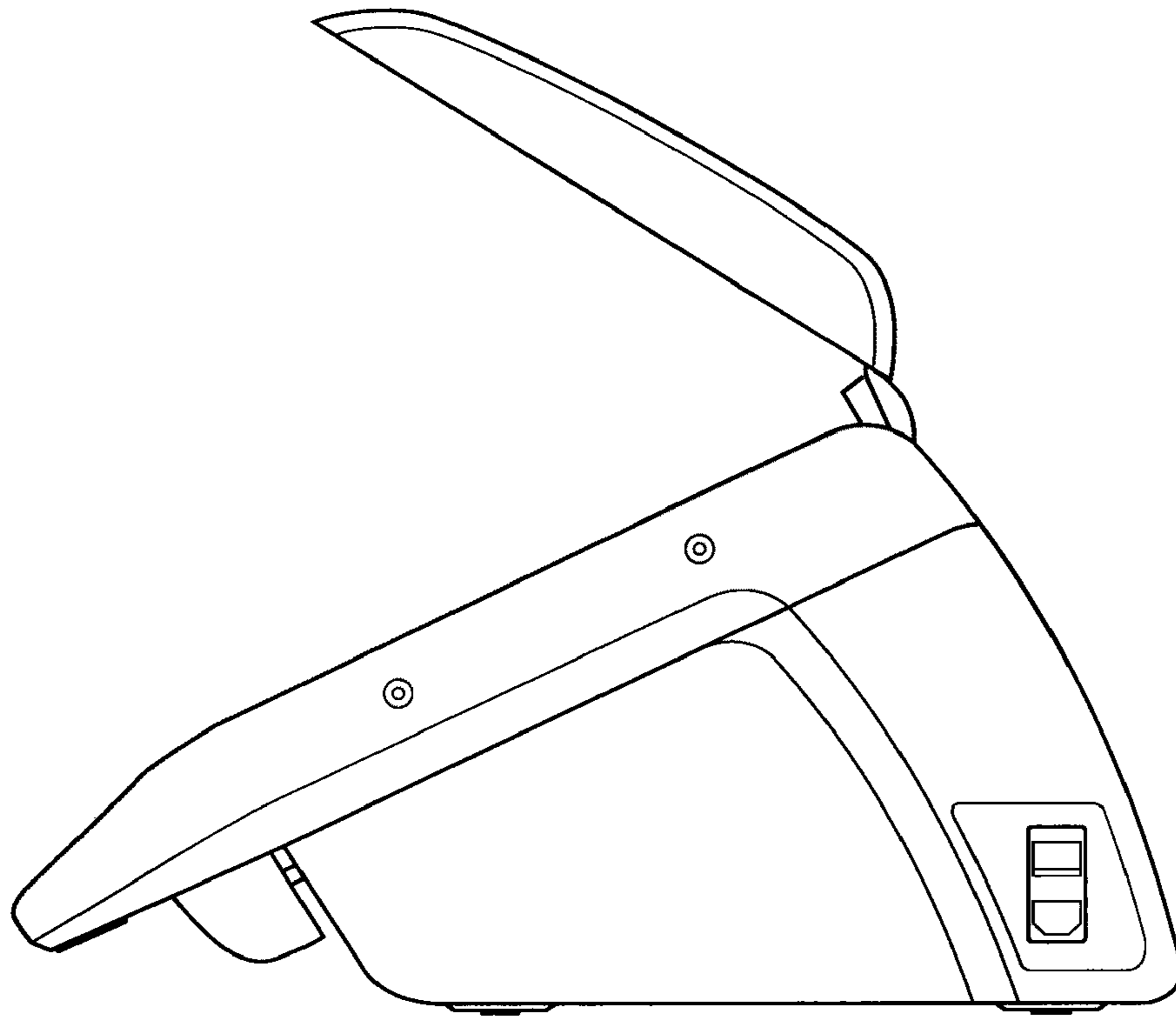


Figure 9

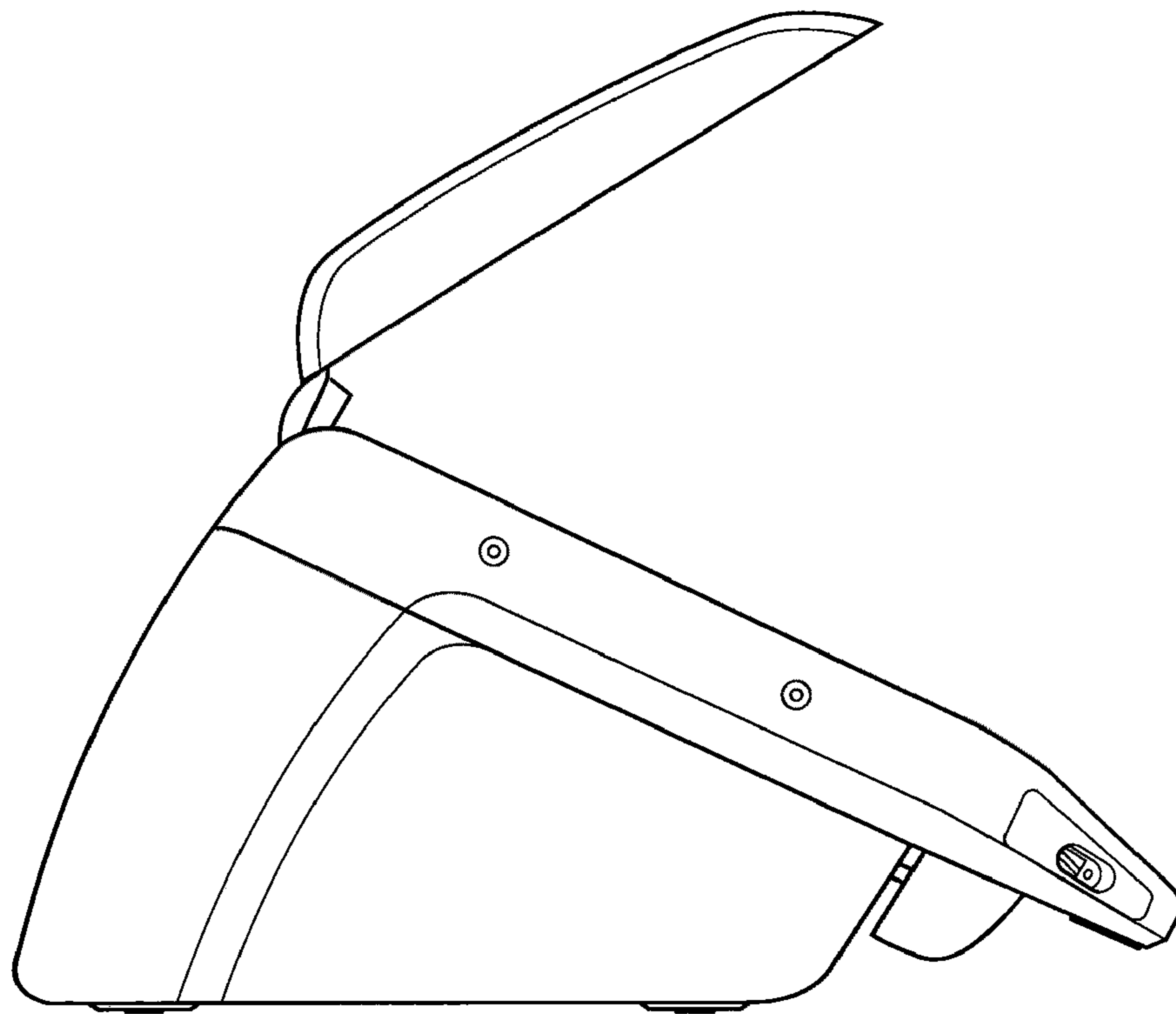


Figure 10

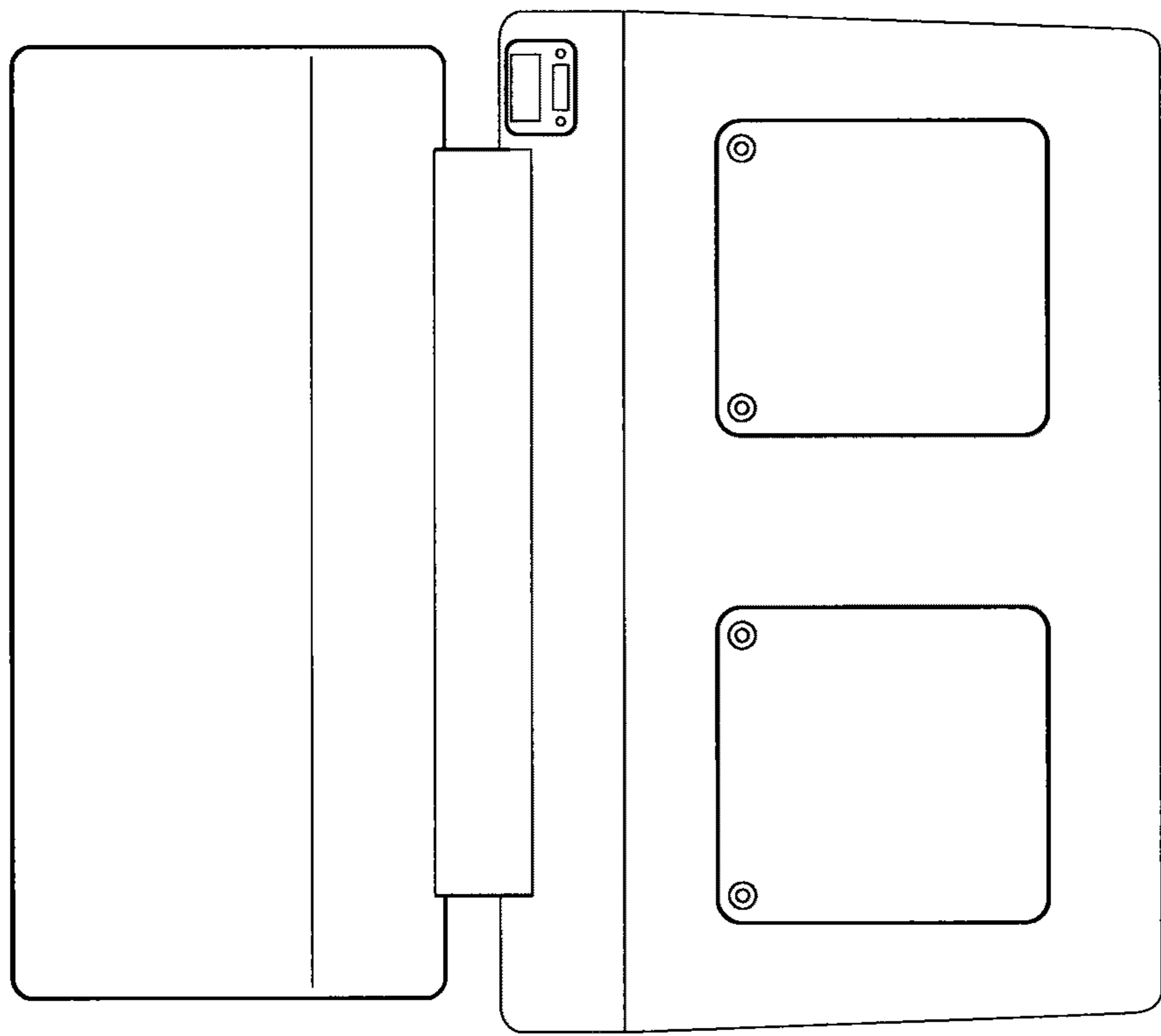


Figure 12

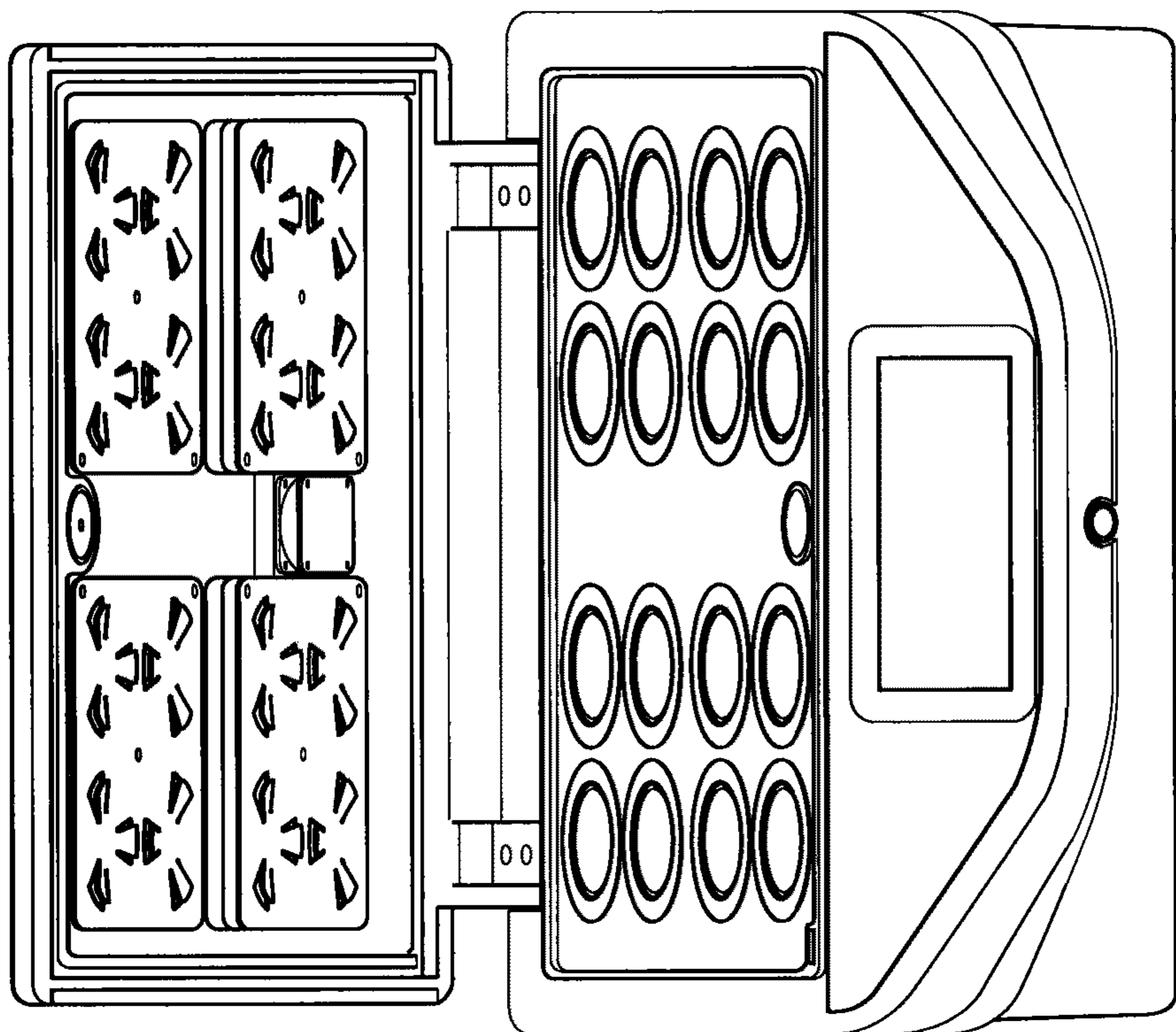


Figure 11

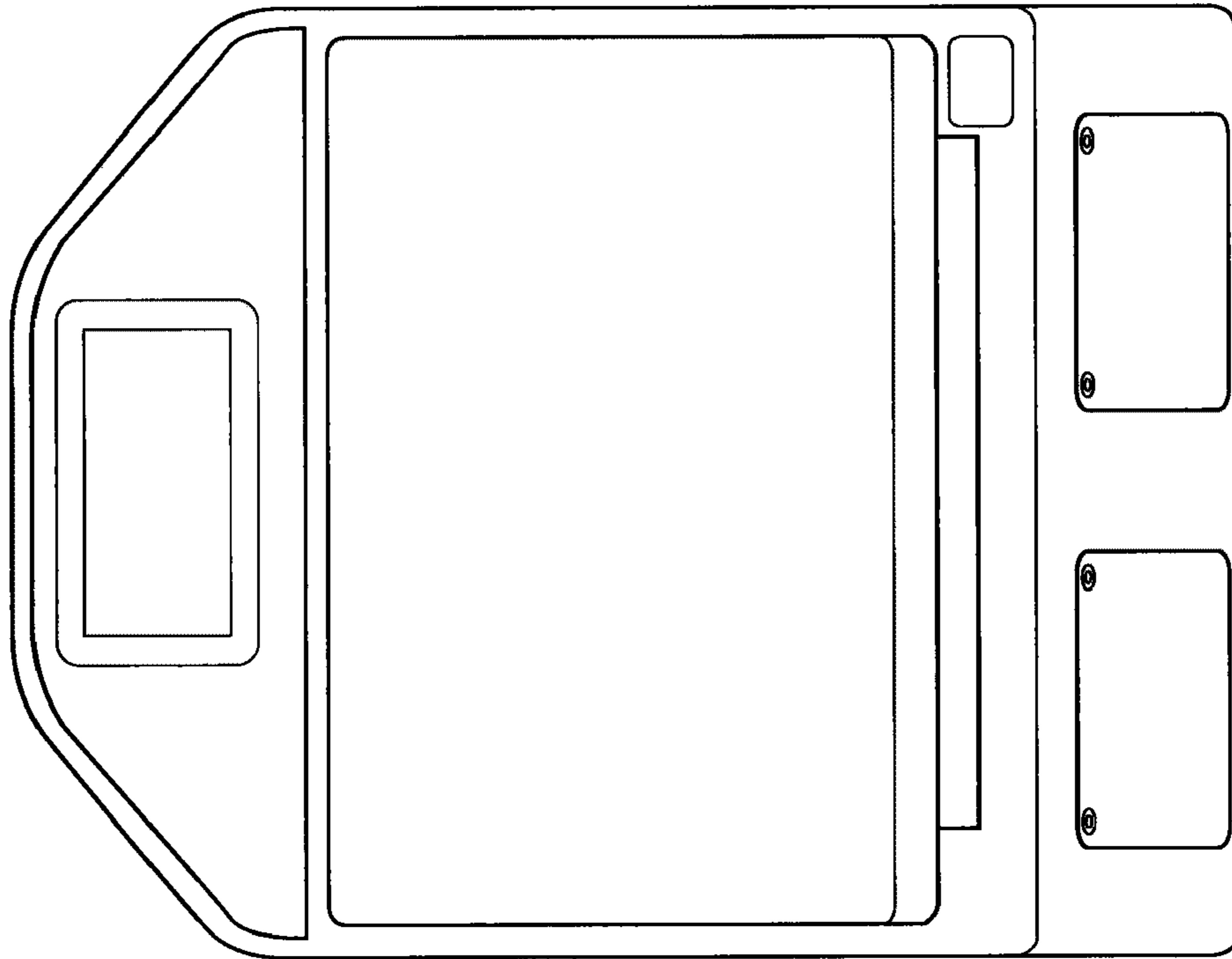


Figure 13

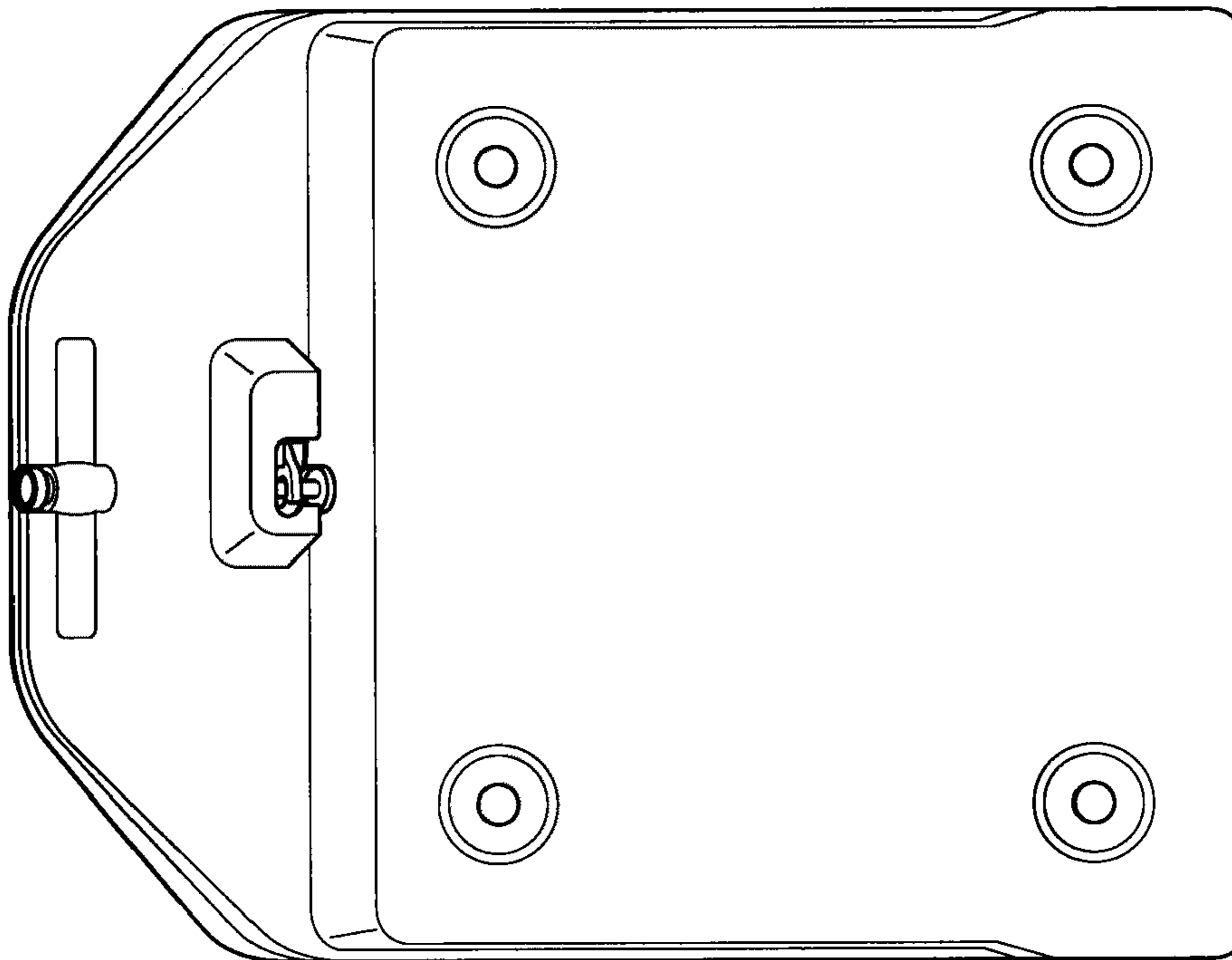


Figure 14

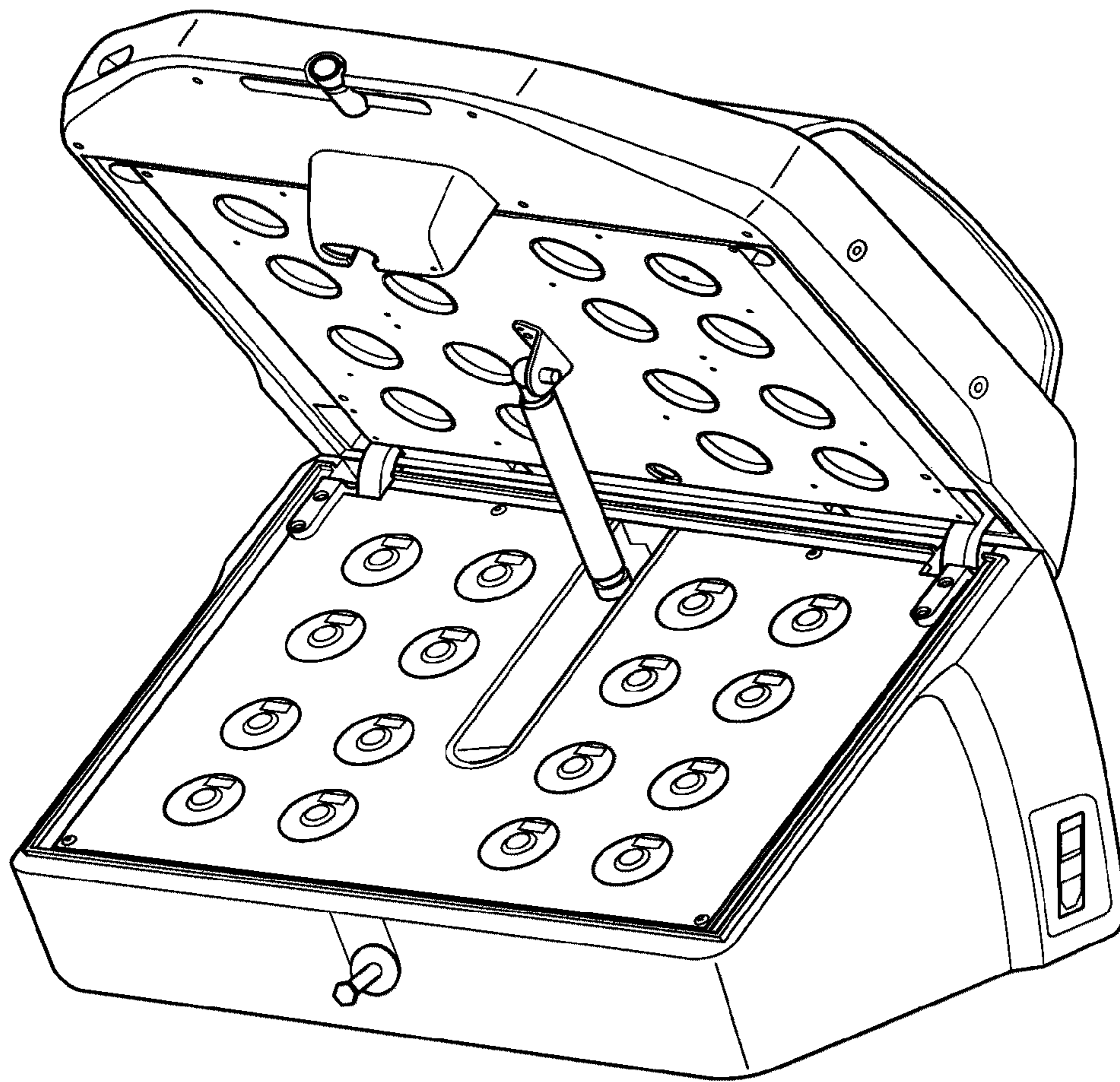


Figure 15

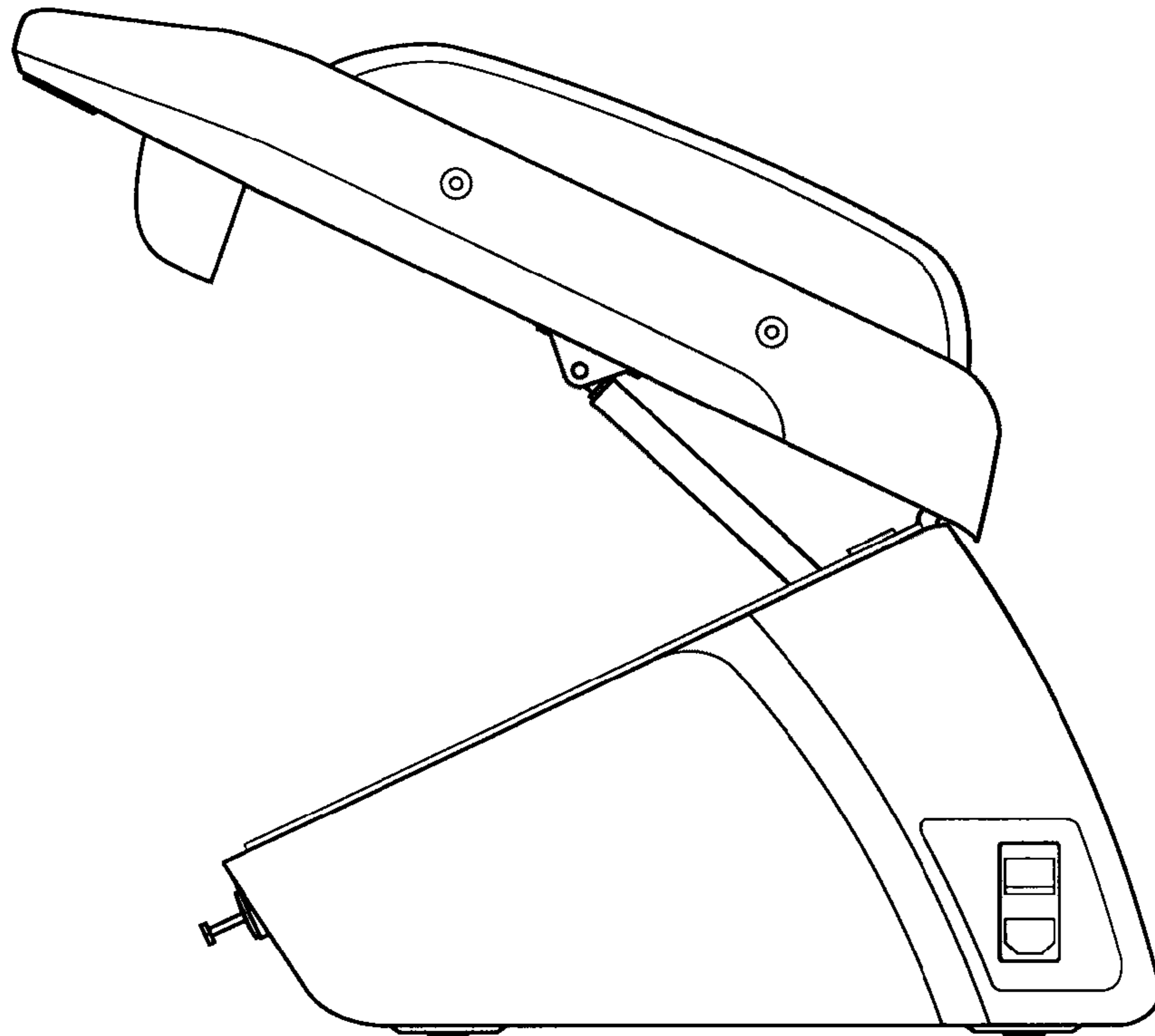


Figure 16

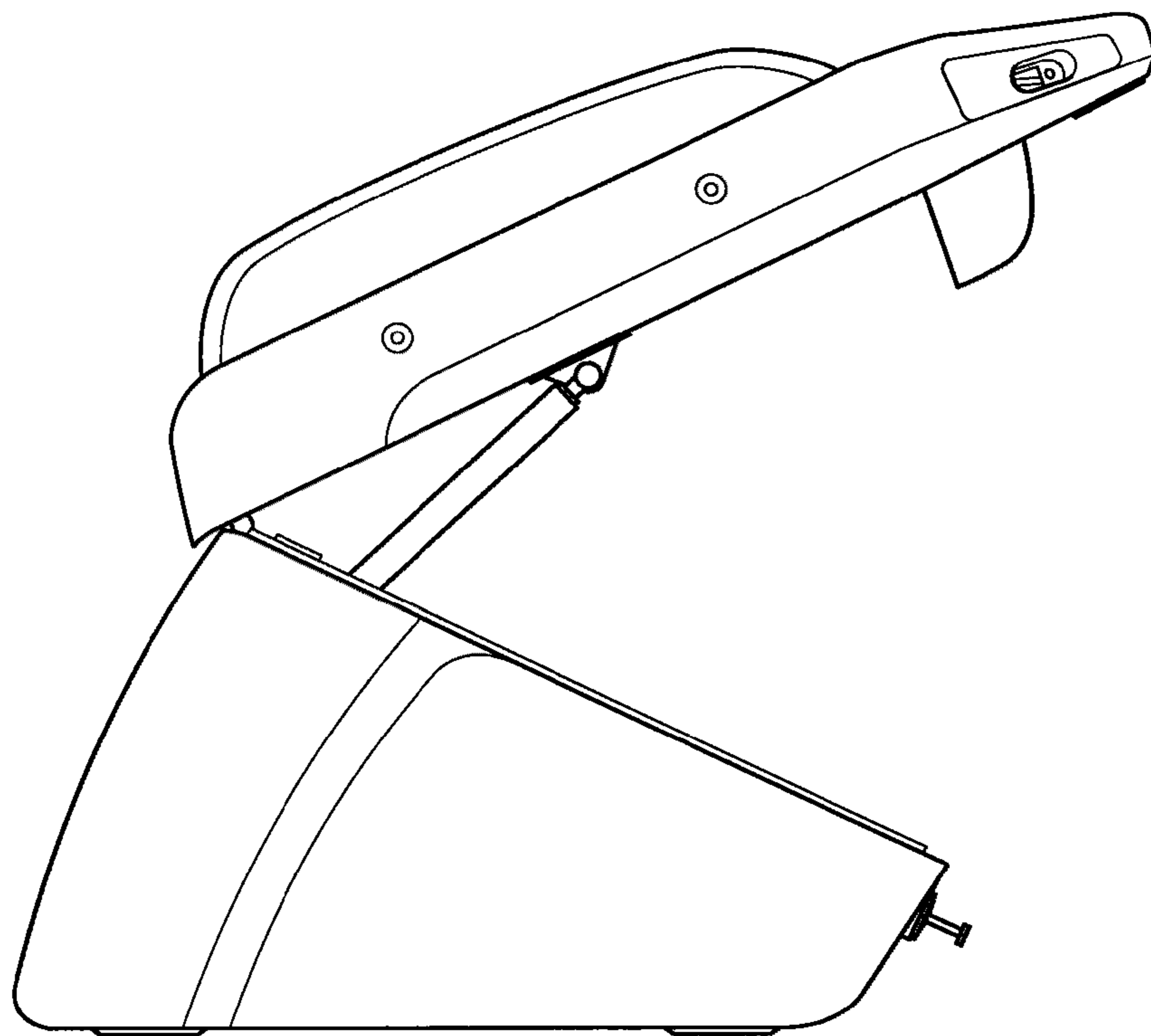


Figure 17

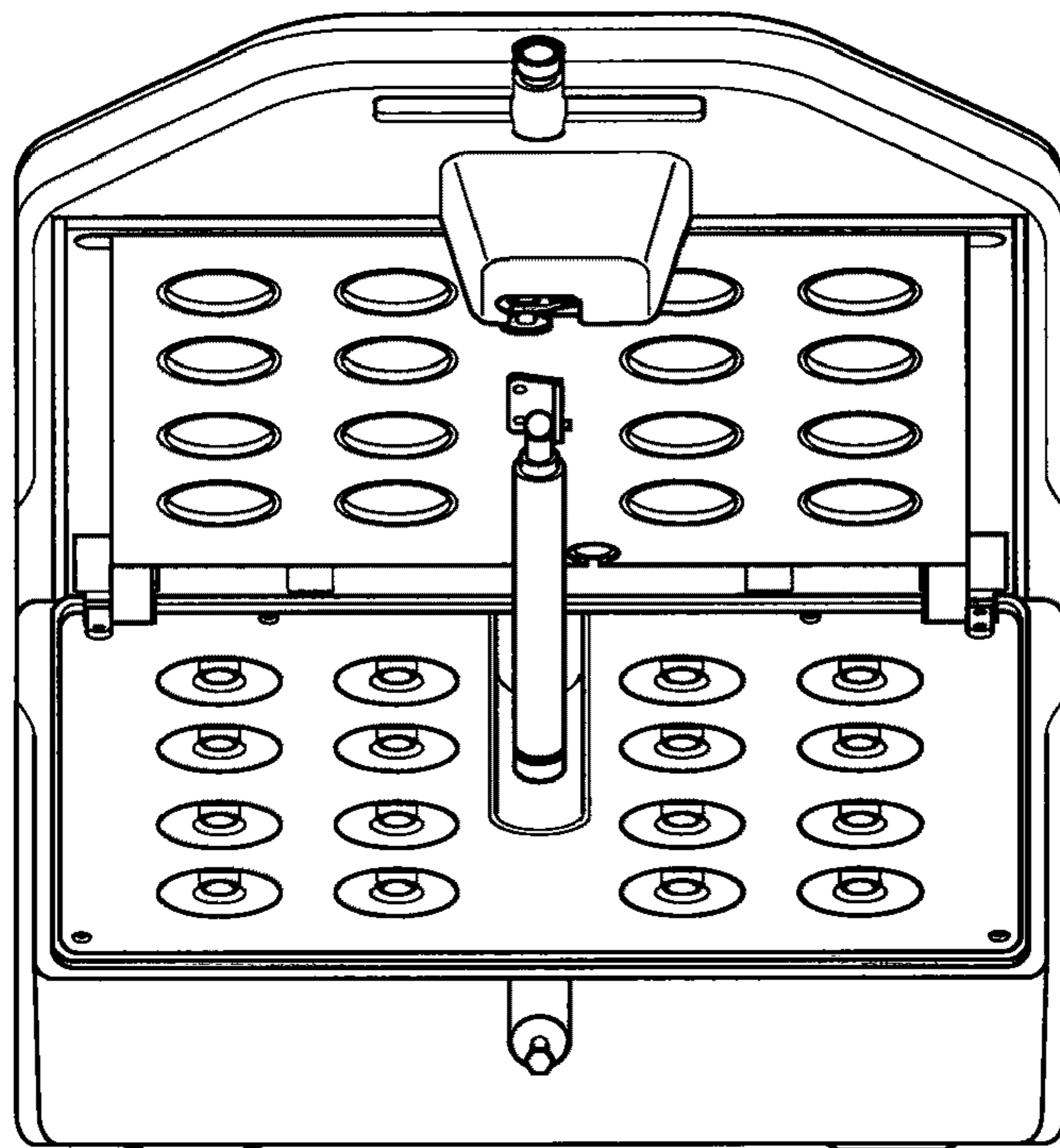


Figure 18

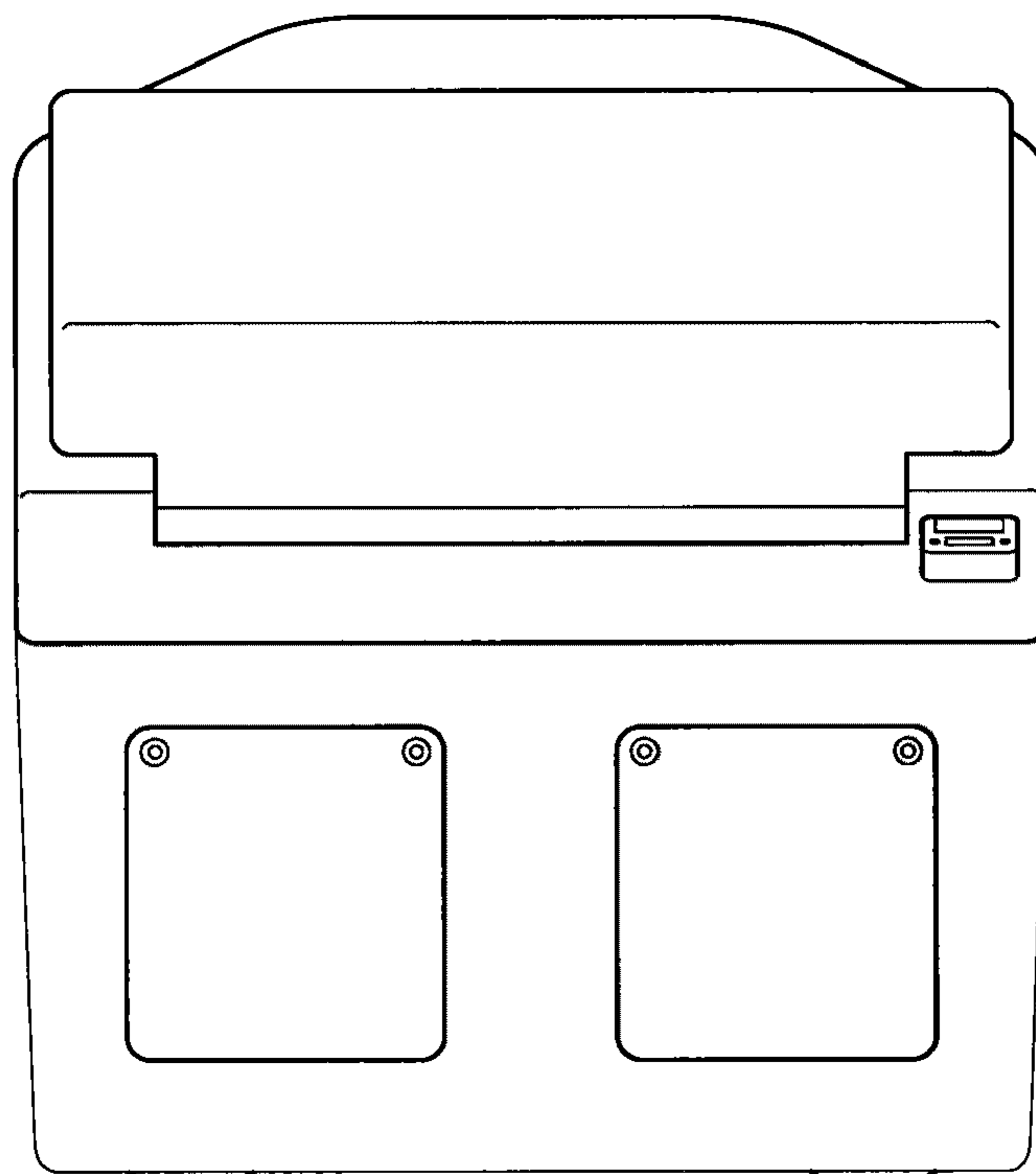


Figure 19

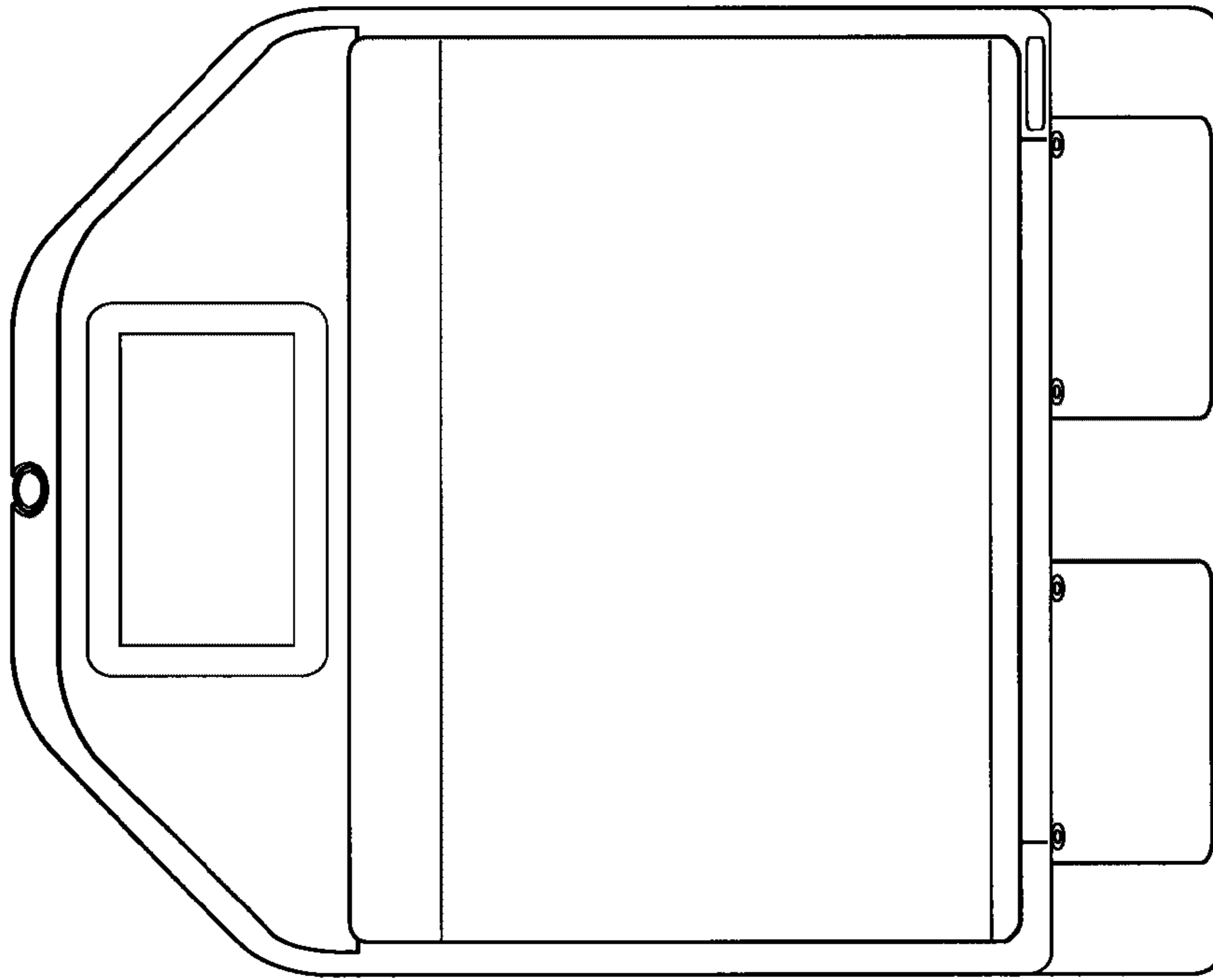


Figure 20

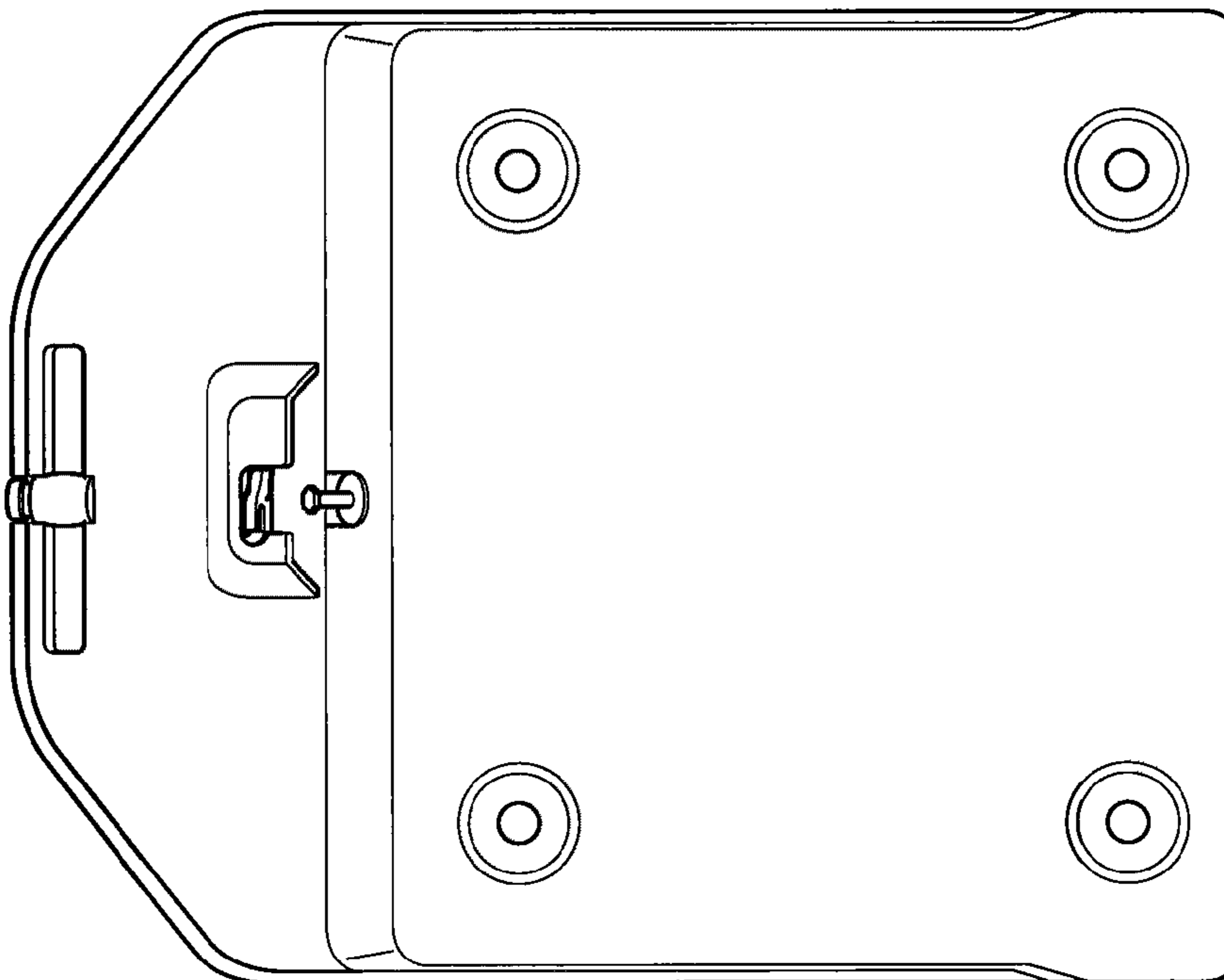


Figure 21