



US00D877701S

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

(10) **Patent No.:** **US D877,701 S**
(45) **Date of Patent:** **** Mar. 10, 2020**

(54) **POWER AND DATA CENTER**

(71) Applicants: **Norman R. Byrne**, Ada, MI (US);
Joseph D. Ward, Grand Rapids, MI
(US); **Brandon B. Danks**, Rockford,
MI (US); **Ryan J. Alt**, Byron Center,
MI (US)

(72) Inventors: **Norman R. Byrne**, Ada, MI (US);
Joseph D. Ward, Grand Rapids, MI
(US); **Brandon B. Danks**, Rockford,
MI (US); **Ryan J. Alt**, Byron Center,
MI (US)

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

(21) Appl. No.: **29/650,792**

(22) Filed: **Jun. 8, 2018**

(51) **LOC (12) Cl.** **13-03**

(52) **U.S. Cl.**
USPC **D13/139.4**; D13/184; D14/434

(58) **Field of Classification Search**
USPC D14/300–304, 308–314, 328, 348–370,
D14/432, 434–435, 440–441, 443–446,
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

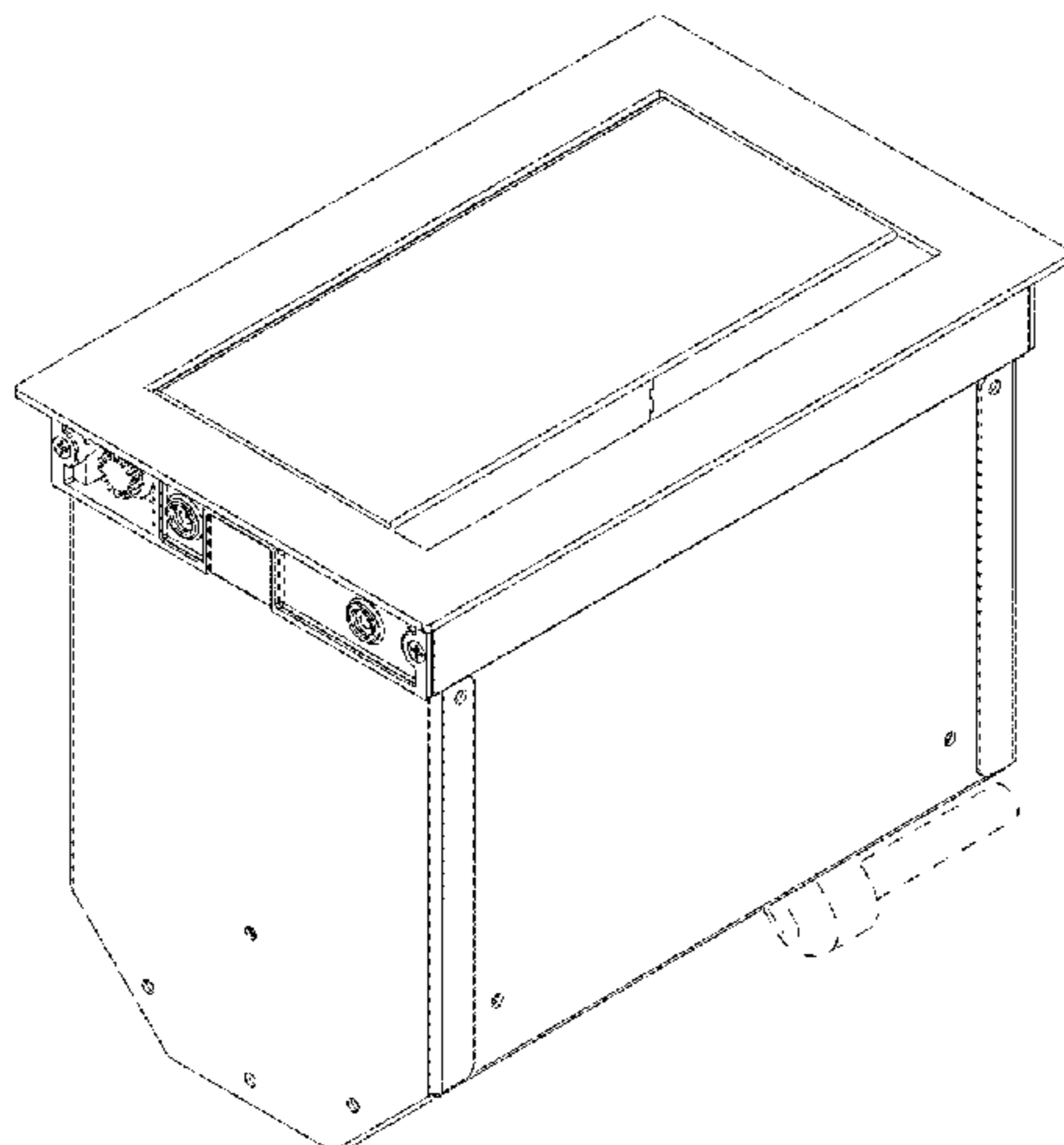
D234,425 S * 3/1975 Plummer D13/139.6
5,122,069 A * 6/1992 Brownlie G02B 6/4451
174/53

(Continued)

OTHER PUBLICATIONS

Floor and Ceiling Boxes, posted at Jackson Electrical Industries,
posting date Oct. 12, 2014. Site visited Aug. 1, 2019. URL:
<[http://web.archive.org/web/20141012111656/https://jackson.co.nz/
product/floor-and-ceiling-boxes/](http://web.archive.org/web/20141012111656/https://jackson.co.nz/product/floor-and-ceiling-boxes/)> (Year: 2014).*

(Continued)



Primary Examiner — Kevin K Rudzinski

Assistant Examiner — Kathleen L Jones

(74) *Attorney, Agent, or Firm* — Gardner, Linn, Burkhart
& Ondersma LLP

(57) **CLAIM**

The ornamental design for a power and data center, as shown
and described.

DESCRIPTION

FIG. 1 is a top perspective view of a power and data center
showing our new design according to a first embodiment,
viewed from the front and to the right and in a closed
configuration;

FIG. 2 is another top perspective view thereof, viewed from
the rear and to the right;

FIG. 3 is a bottom perspective view thereof, viewed from the
rear and to the right;

FIG. 4 is another bottom perspective view thereof, viewed
from the front and to the right;

FIG. 5 is a front elevation view thereof;

FIG. 6 is a rear elevation view thereof;

FIG. 7 is a right side elevation view thereof;

FIG. 8 is a left side elevation view thereof;

FIG. 9 is a top plan view thereof;

FIG. 10 is a bottom plan view thereof;

FIG. 11 is a top perspective view of a power and data center
showing our new design according to a second embodiment,
viewed from the front and to the right and in a closed
configuration;

FIG. 12 is a top perspective view of a power and data center
showing our new design according to a third embodiment,
viewed from the front and to the right and in a closed
configuration;

FIG. 13 is another top perspective view of the power and
data center of FIG. 1;

FIG. 14 is a top perspective view of a power and data center
showing our new design according to a fourth embodiment,
viewed from the front and to the right and in a closed
configuration;

(Continued)

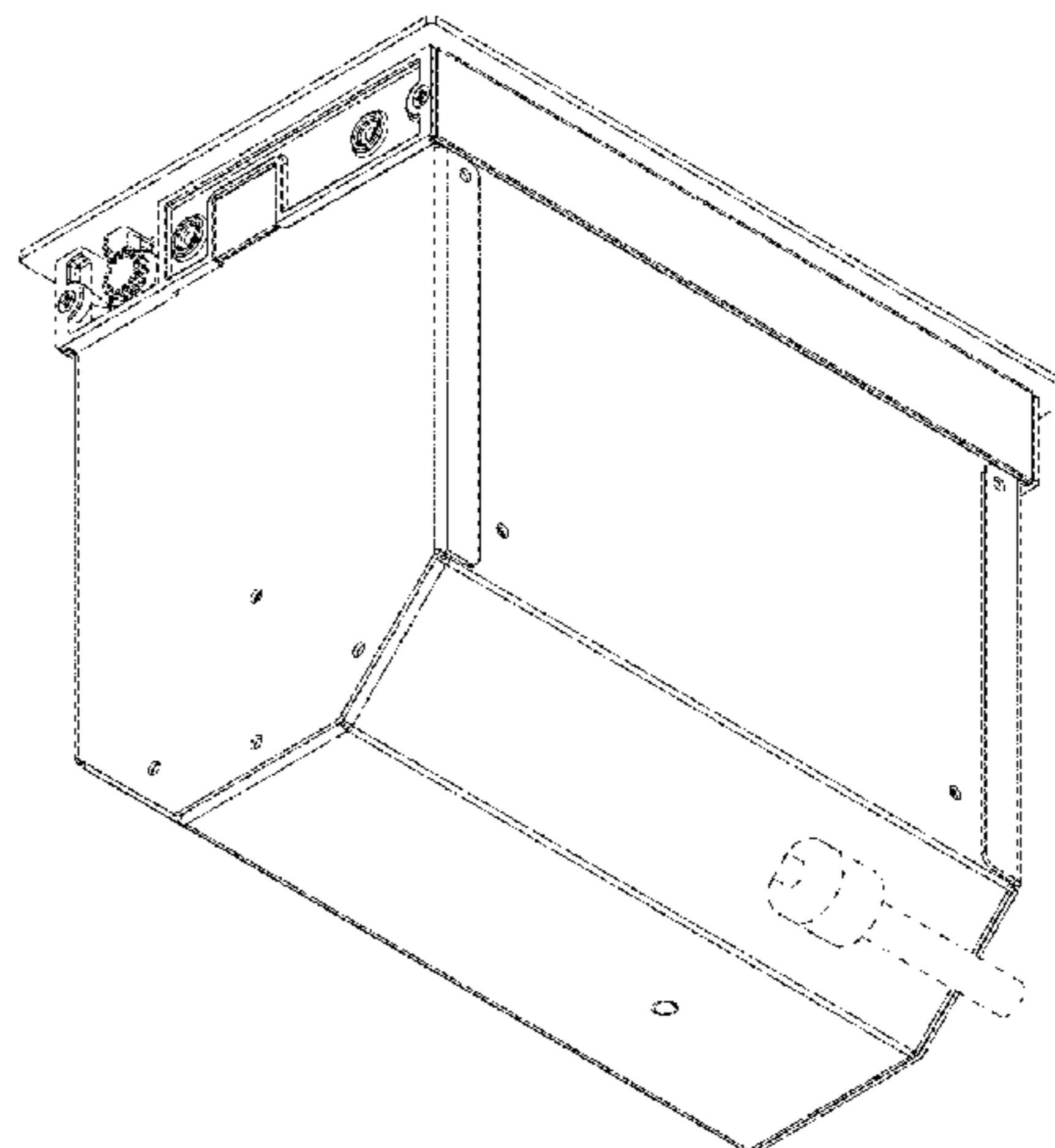


FIG. 15 is a top perspective view of a power and data center showing our new design according to a fifth embodiment, viewed from the front and to the right and in a closed configuration;

FIG. 16 is a top perspective view of the power and data center showing our new design according to a sixth embodiment, viewed from the front and to the right and in a closed configuration;

FIG. 17 is another top perspective view of the power and data center of FIG. 1, viewed from the front and to the right and in an open configuration;

FIG. 18 is another perspective view thereof, viewed from the rear and to the right;

FIG. 19 is a bottom perspective view thereof, viewed from the rear and to the right;

FIG. 20 is another bottom perspective view thereof, viewed from the front and to the right;

FIG. 21 is a front elevation view thereof;

FIG. 22 is a rear elevation view thereof;

FIG. 23 is a right side elevation view thereof;

FIG. 24 is a left side elevation view thereof;

FIG. 25 is a top plan view thereof;

FIG. 26 is a bottom plan view thereof;

FIG. 27 is another top perspective view of the power and data center of FIG. 11, viewed from the front and to the right in an open configuration;

FIG. 28 is another top perspective view of the power and data center of FIG. 12, viewed from the front and to the right and in an open configuration;

FIG. 29 is another top perspective view of the power and data center of FIG. 17;

FIG. 30 is another top perspective view of the power and data center of FIG. 15, viewed from the front and to the right in an open configuration;

FIG. 31 is another top perspective view of the power and data center of FIG. 14, viewed from the front and to the right in an open configuration; and,

FIG. 32 is another top perspective view of another power and data center of FIG. 16, viewed from the front and to the right in an open configuration.

FIGS. 11-12 and 14-16 depict different-width embodiments of the power and data center of FIGS. 1-10, such that the other views of the embodiments of FIGS. 11-12 and 14-16 are the same as in FIGS. 2-10 with the exception of housing width. FIGS. 27-28 and 30-32 depict different-width embodiments of the power and data center of FIGS. 17-26, such that the other views of the embodiments of FIGS. 27-28 and 30-32 are the same as in FIGS. 18-26 with the exception of housing width.

In the drawings, the broken lines showing portions of the power and data center are included for the purpose of illustrating portions of the article and form no part of the claimed design.

1 Claim, 10 Drawing Sheets

(58) **Field of Classification Search**

USPC D14/479-483, 140.1, 140.4, 164, 193;
D13/107-108, 139.4-139.6, 123, 133,
D13/146-147, 152, 154-155, 158,
D13/162-164, 184, 199; D6/642

CPC H05K 5/00; H05K 5/0004; H05K 5/0008;
H05K 5/02; H05K 5/0204; H05K 5/0217;
H05K 5/0247; H05K 5/0256; H05K 5/03;
H05K 5/04; H05K 5/225; H05K 7/1432;
H01R 13/73; H01R 25/006; G06F 1/18;
G06F 1/1632; G06F 1/181; G06F 1/182;
G06F 1/189; G06F 1/26; G06F 1/263;
G06F 1/266

See application file for complete search history.

(56)

References Cited

U.S. PATENT DOCUMENTS

D353,363	S	*	12/1994	Toby	.....	D13/139.4
D407,374	S	*	3/1999	Byrne	.....	D13/139.4
5,926,005	A	*	7/1999	Holcomb	.....	H02J 7/0042 320/107
D460,736	S	*	7/2002	Pincek	.....	D13/139.4
D463,775	S	*	10/2002	Byrne	.....	D13/139.4
D472,213	S	*	3/2003	Byrne	.....	D13/139.4
D512,964	S	*	12/2005	Kissinger	.....	D13/139.4
D513,493	S	*	1/2006	Feldstein	.....	D13/139.4
D516,513	S	*	3/2006	Kissinger	.....	D13/139.4
D526,961	S	*	8/2006	Kissinger	.....	D13/139.4
D537,039	S	*	2/2007	Pincek	.....	D13/139.4
D591,674	S	*	5/2009	McConnell	.....	D13/107
D626,070	S		10/2010	Byrne		
D626,542	S	*	11/2010	Libman	.....	D13/139.4
D638,367	S	*	5/2011	Isaacks	.....	D13/139.4
D639,244	S		6/2011	Byrne		
D657,315	S	*	4/2012	Feldstein	.....	D13/139.4
D665,355	S	*	8/2012	Byrne	.....	D13/139.4
8,295,036	B2	*	10/2012	Byrne	.....	H01R 25/003 174/57
D685,329	S		7/2013	Byrne et al.		
D686,992	S	*	7/2013	Eisen	.....	D13/133
D709,031	S		7/2014	Byrne et al.		
D715,740	S		10/2014	Byrne et al.		
8,951,054	B2		2/2015	Byrne et al.		
9,059,576	B2	*	6/2015	Isaacks	.....	H02G 3/00
9,071,002	B2	*	6/2015	Mazzullo	.....	H01R 13/516
D753,609	S	*	4/2016	Wetzel	.....	D10/49
9,377,808	B1	*	6/2016	Sivertsen	.....	G06F 1/20
9,614,338	B2		4/2017	Alexander et al.		
D836,556	S	*	12/2018	Byrne	.....	D13/139.1
2012/0200989	A1	*	8/2012	Byrne	.....	H01R 13/447 361/641
2014/0355231	A1	*	12/2014	Byrne	.....	H02G 3/185 361/756
2014/0375196	A1	*	12/2014	Nguyen	.....	H05K 5/0226 312/329
2015/0137738	A1	*	5/2015	Chien	.....	H02J 7/0021 320/107
2015/0370291	A1	*	12/2015	Wiley	.....	G06F 1/181 361/679.56
2017/0317458	A1	*	11/2017	Byrne	.....	H02J 50/90
2019/0148874	A1	*	5/2019	Sorrentino	.....	H01R 13/5213 439/136
2019/0166707	A1	*	5/2019	Pedoeem	.....	H05K 5/0217
2019/0222009	A1	*	7/2019	Byrne	.....	H02G 3/081

OTHER PUBLICATIONS

Co-pending and commonly-owned Design U.S. Appl. No. 29/633,947, filed Jan. 17, 2019.

* cited by examiner

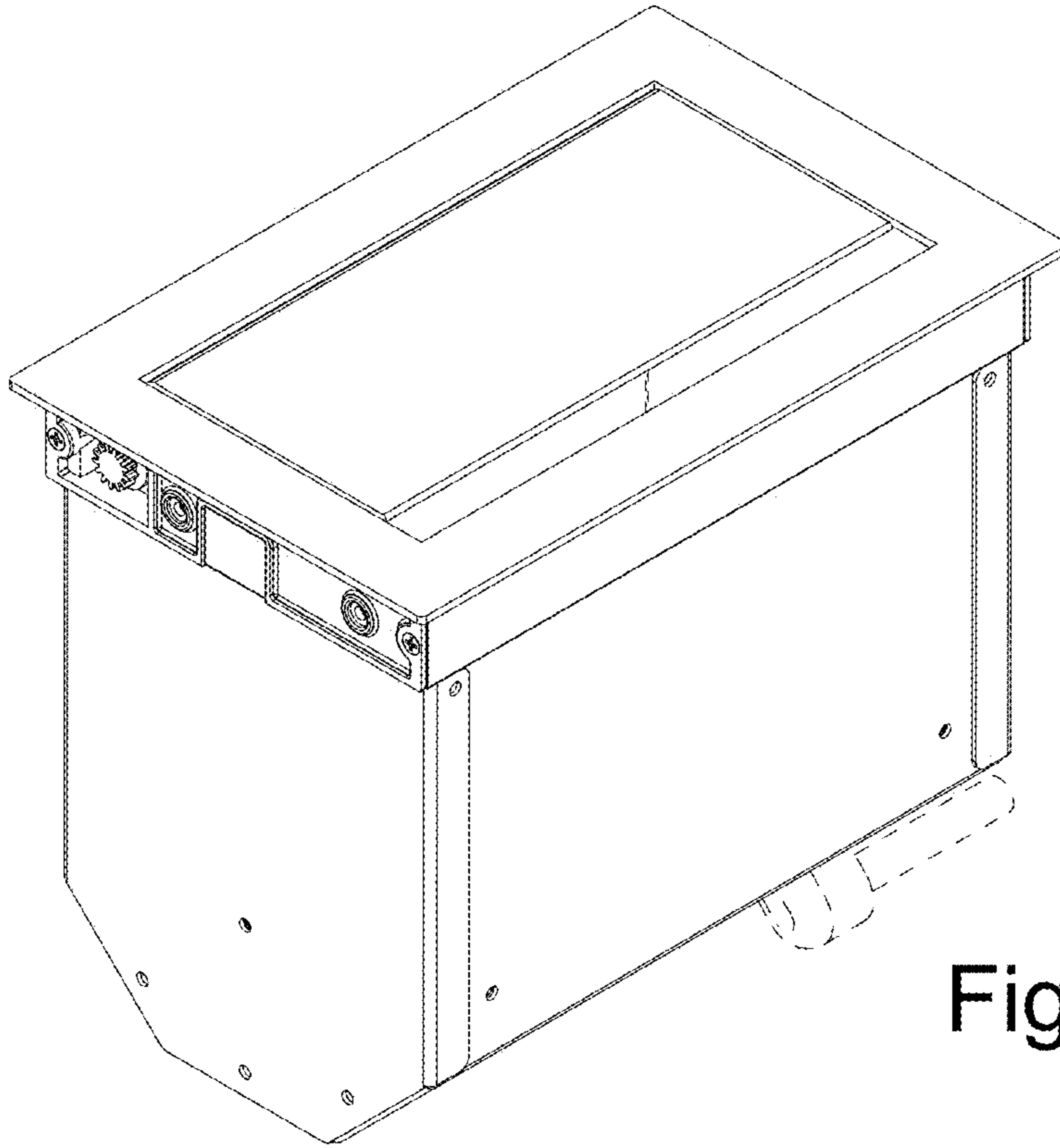


Fig. 1

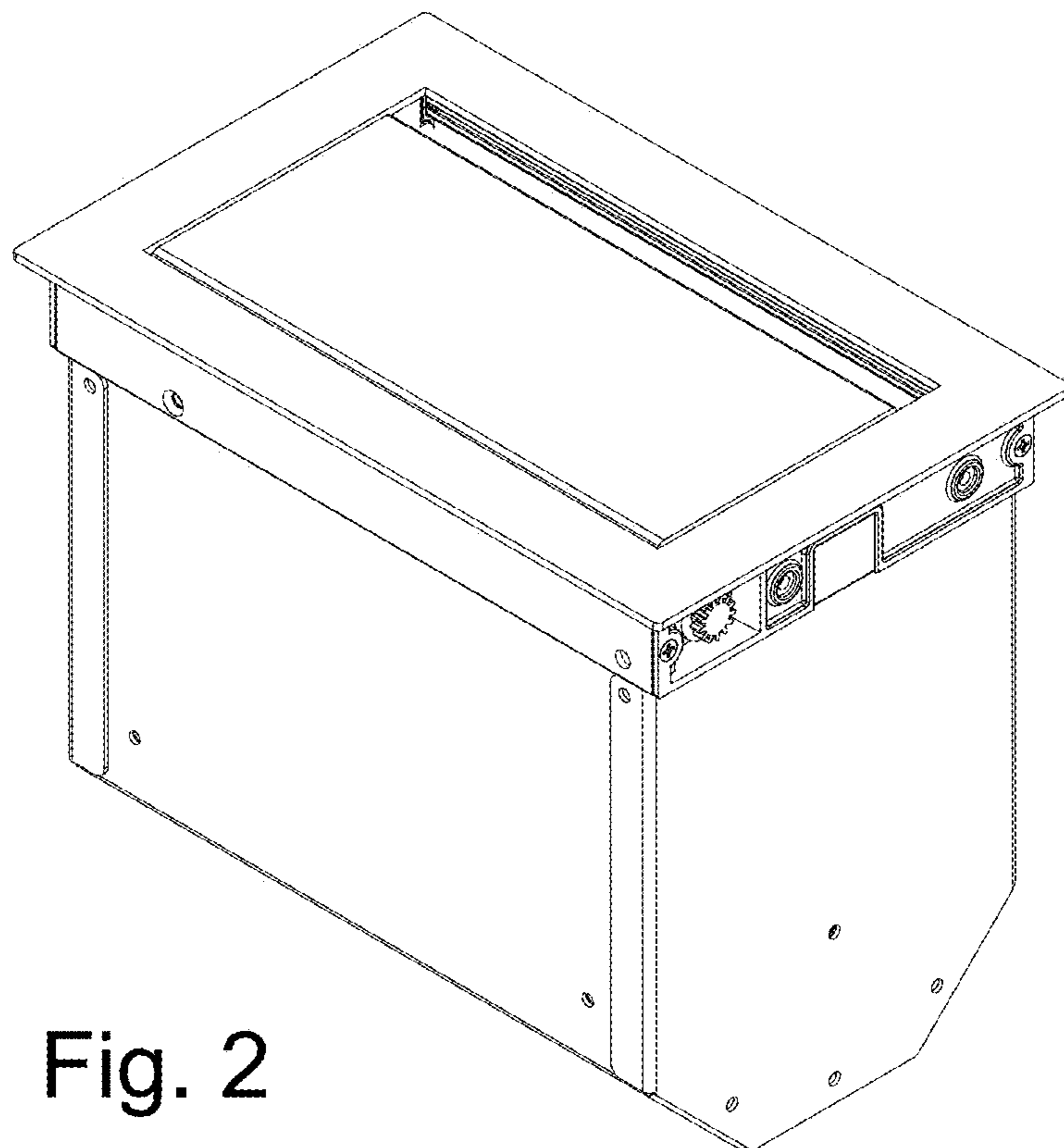


Fig. 2

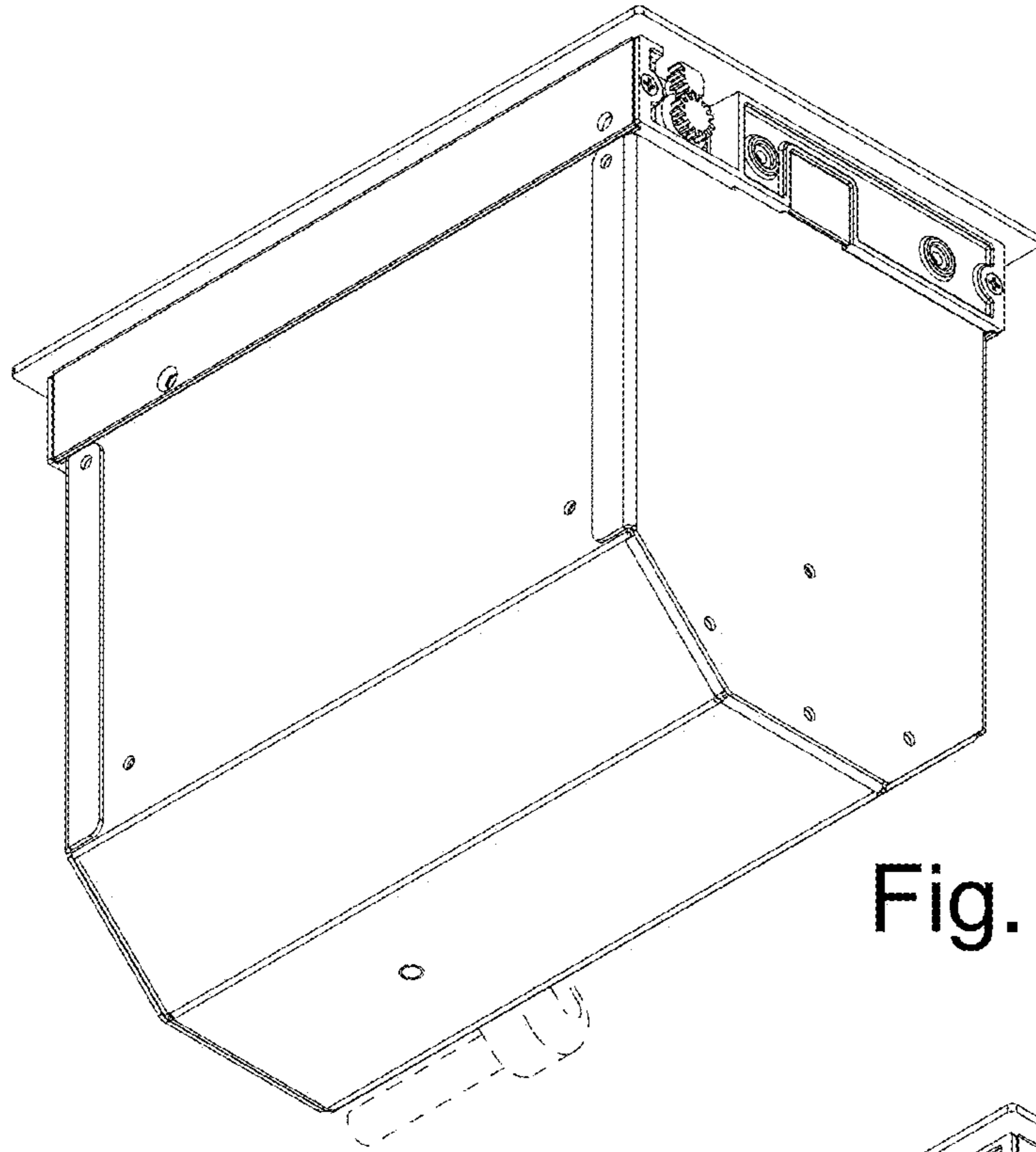


Fig. 3

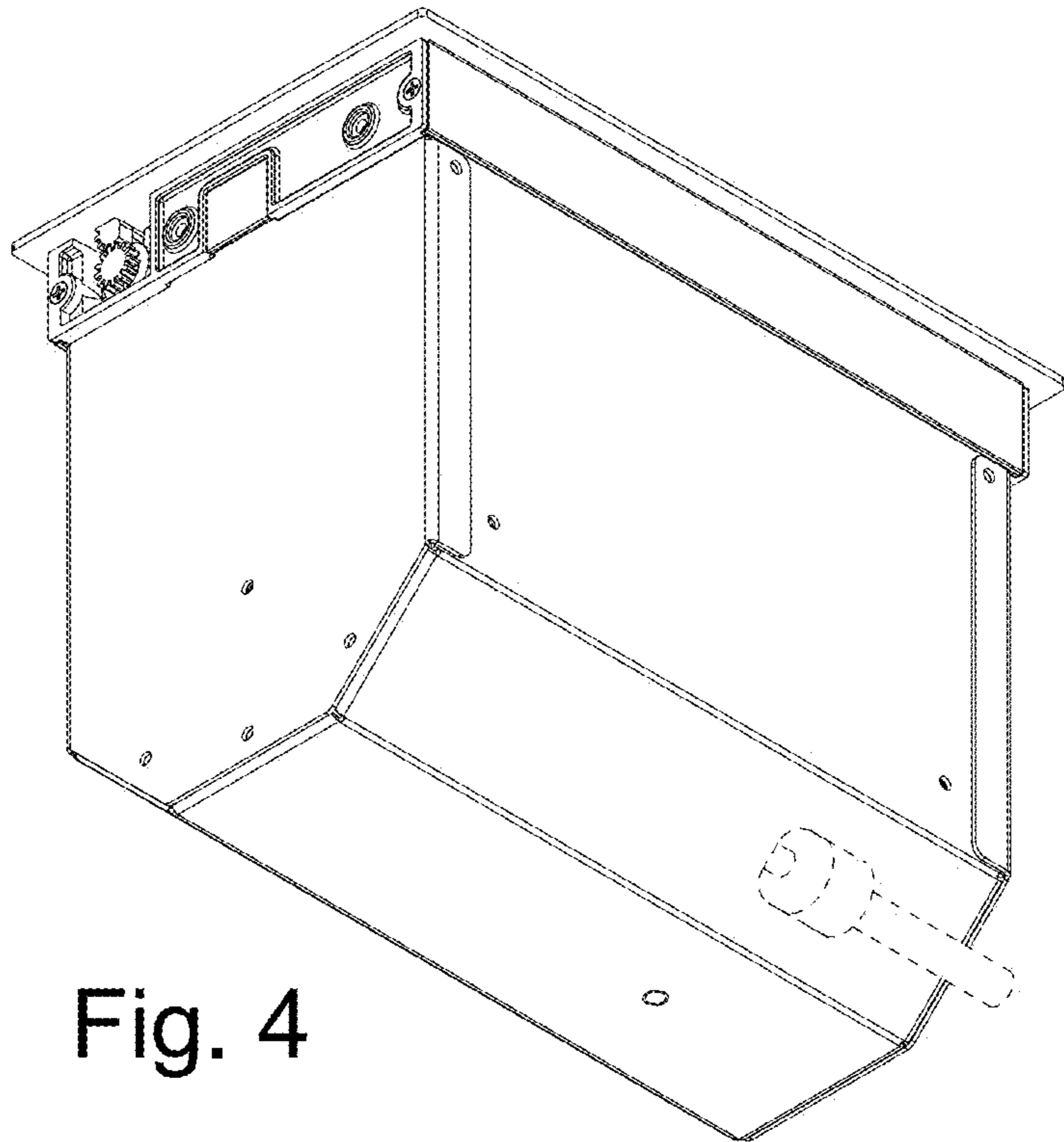


Fig. 4

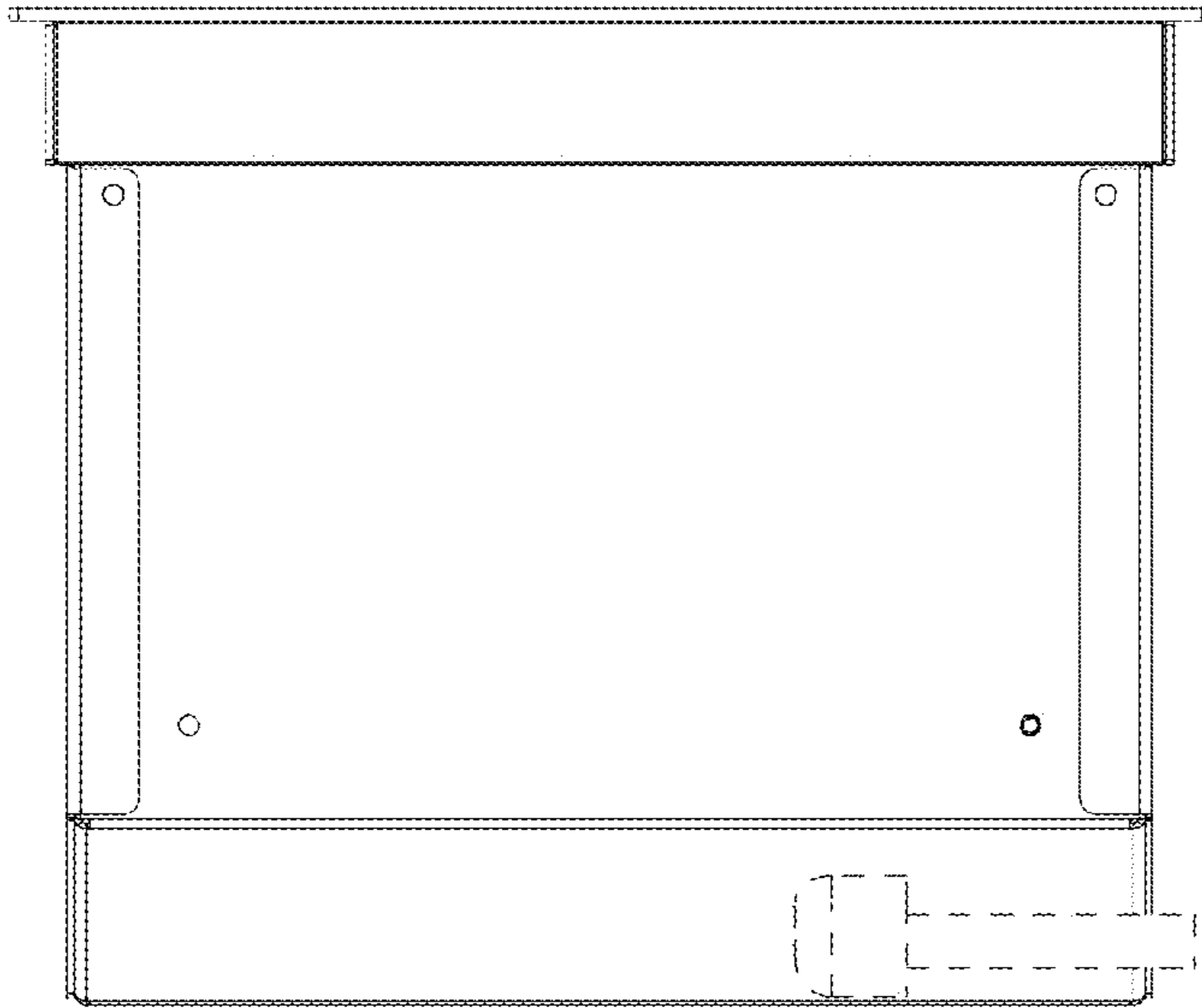


Fig. 5

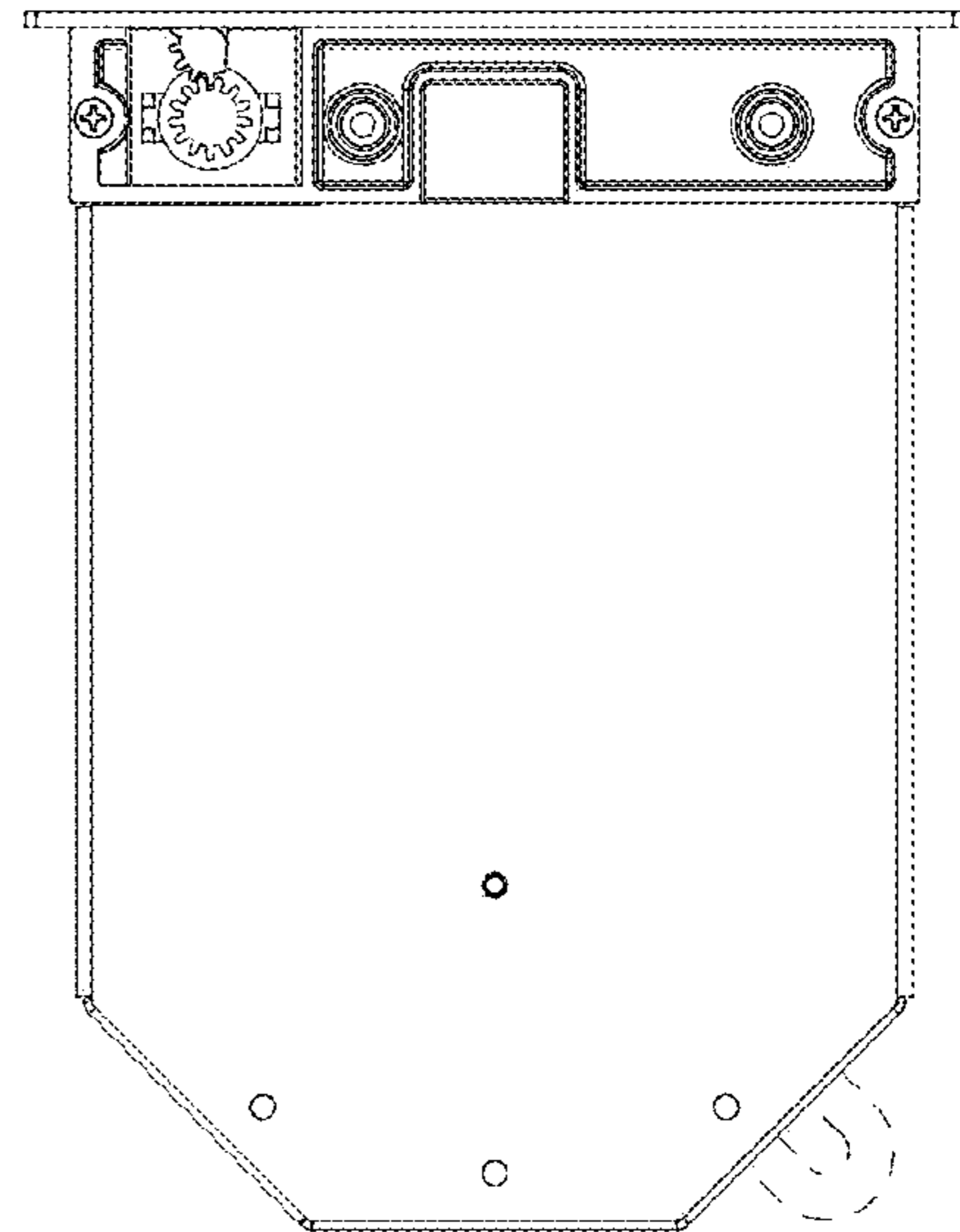


Fig. 7

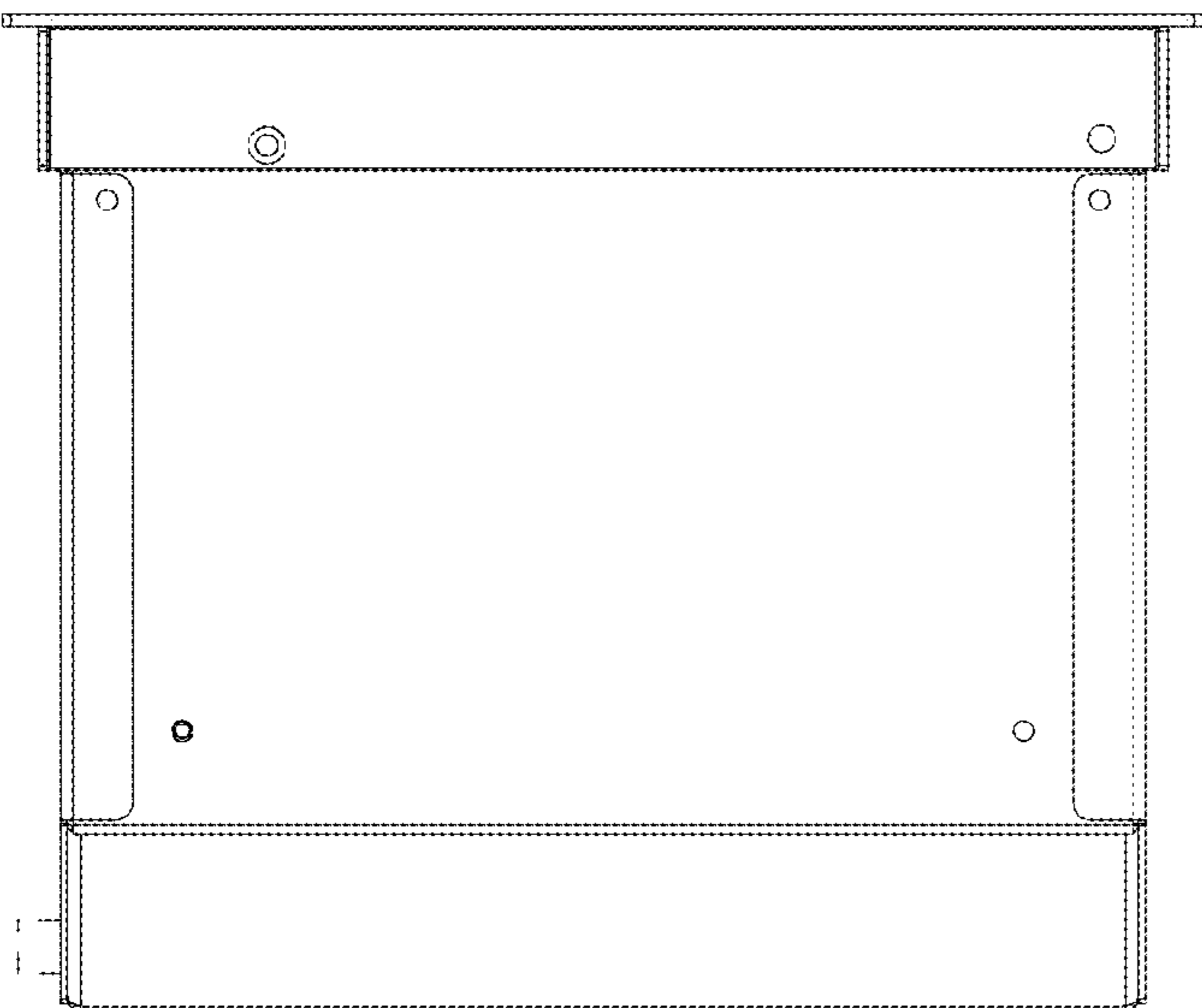


Fig. 6

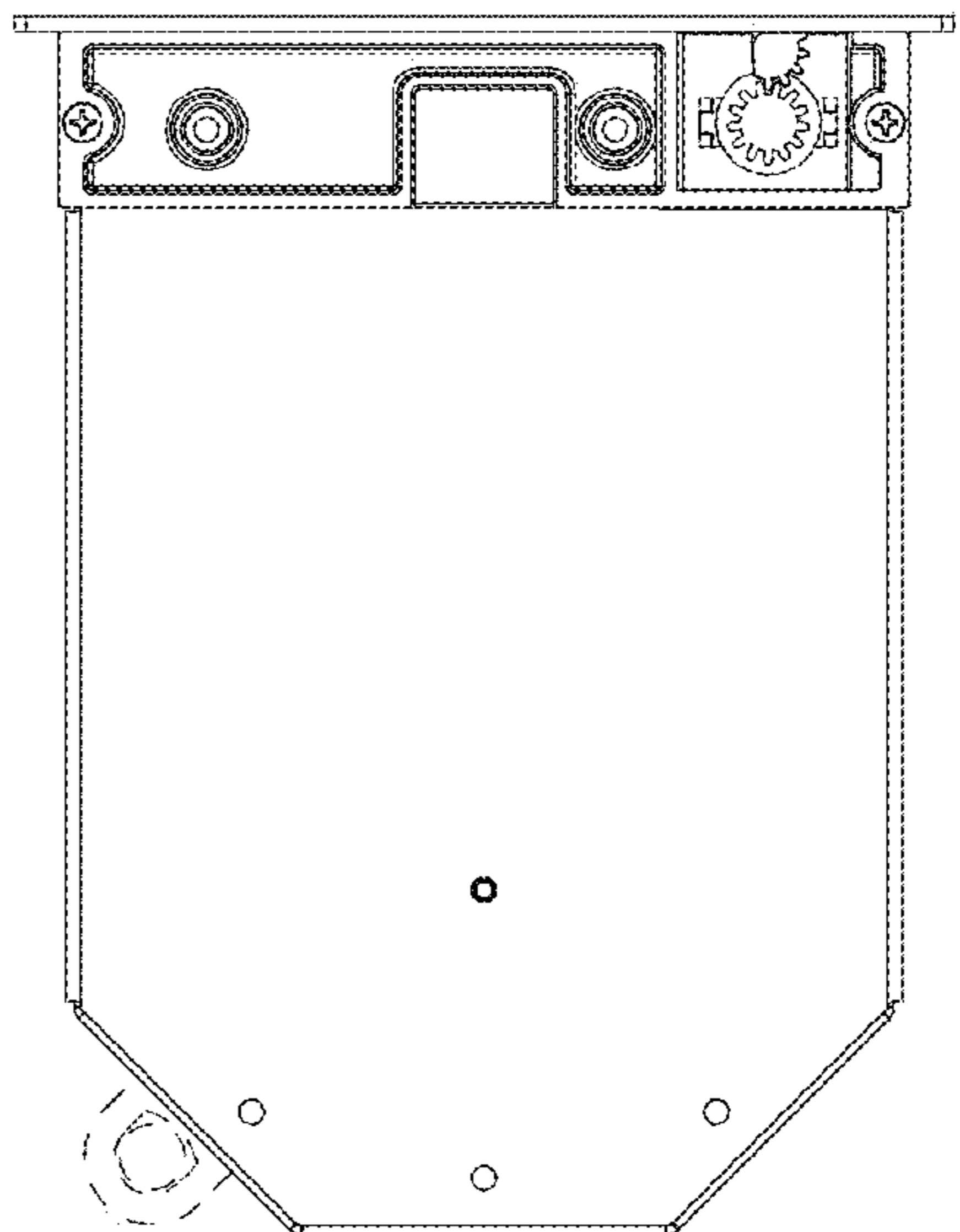


Fig. 8

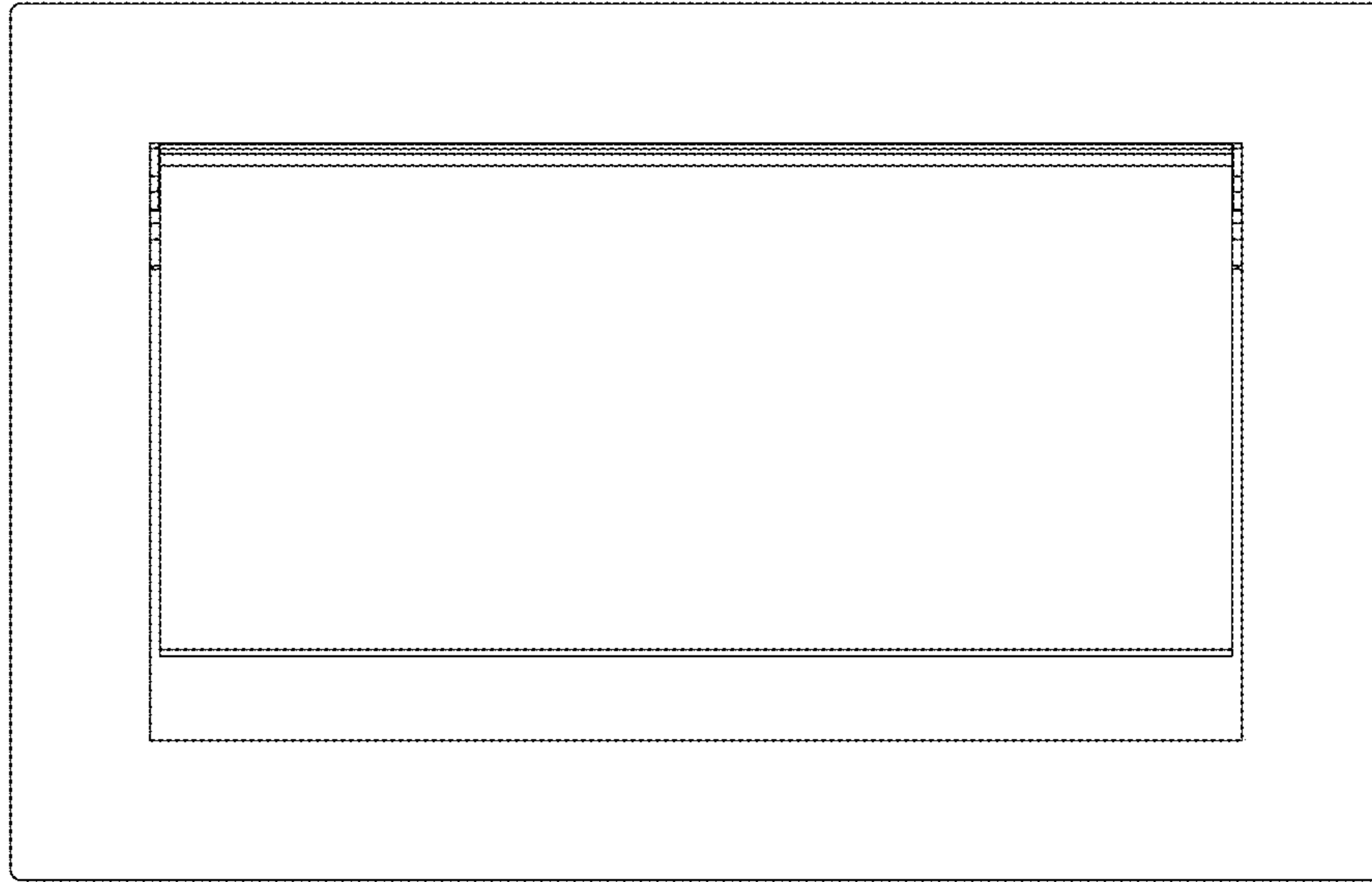


Fig. 9

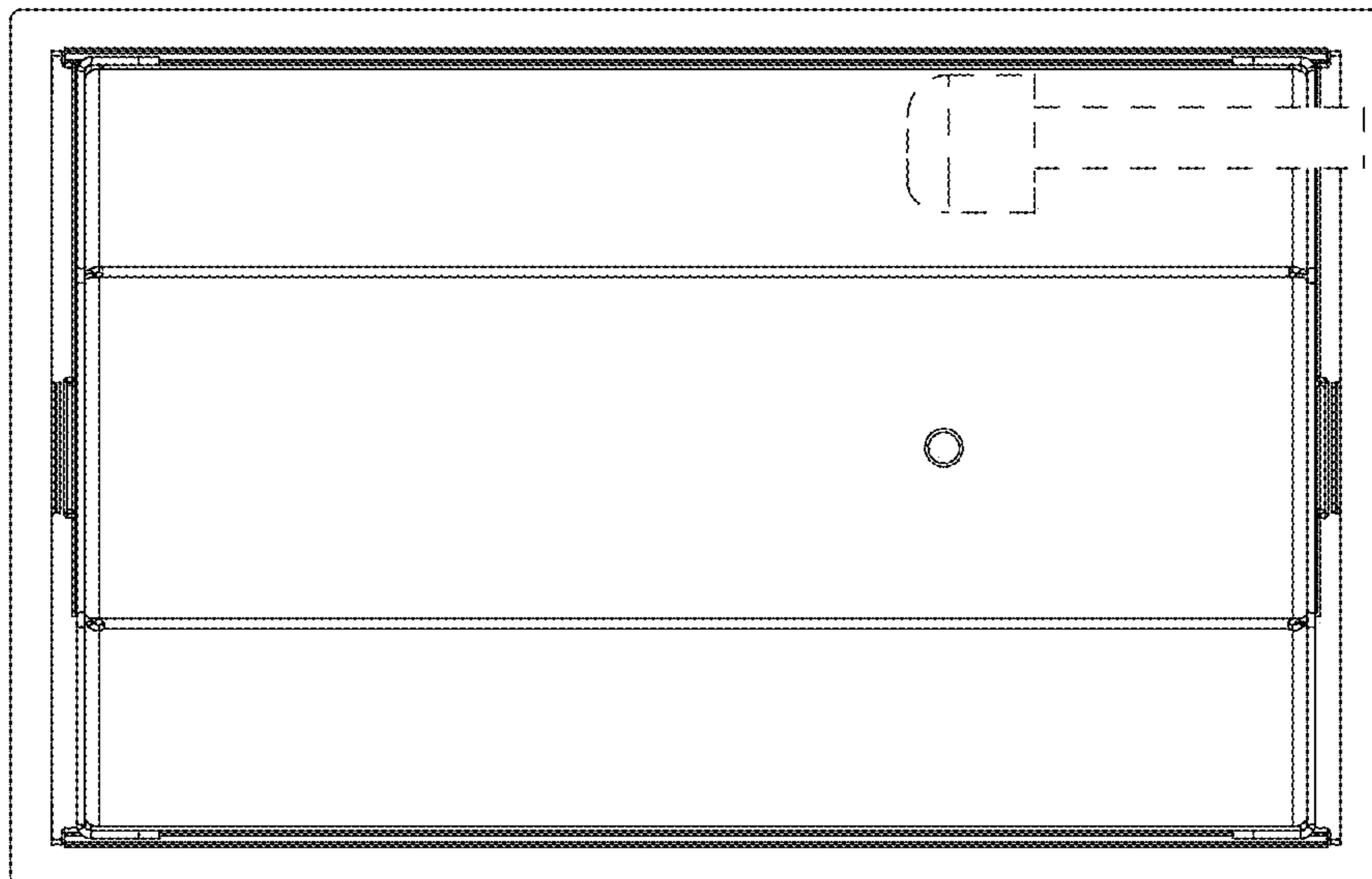


Fig. 10

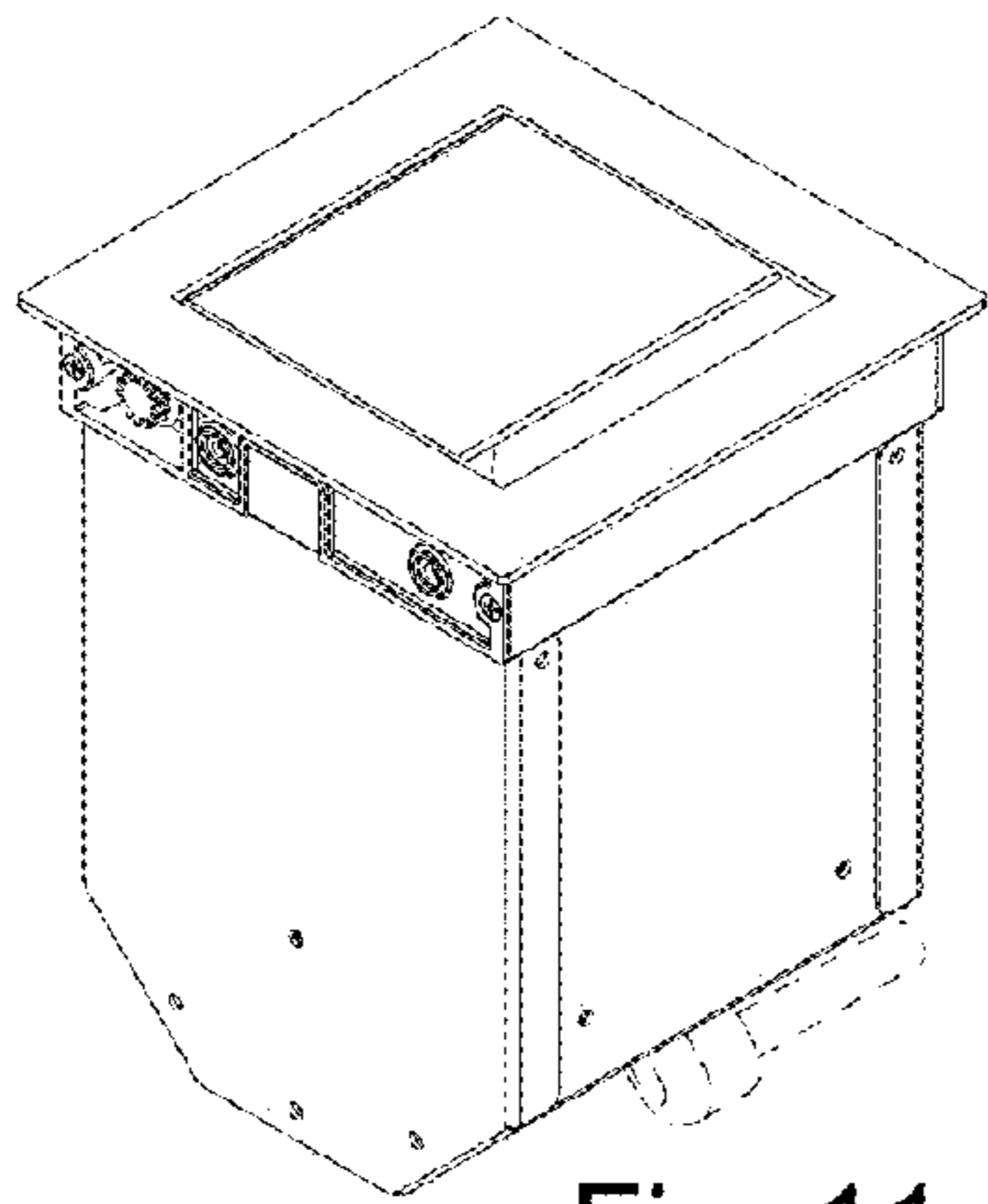


Fig. 11

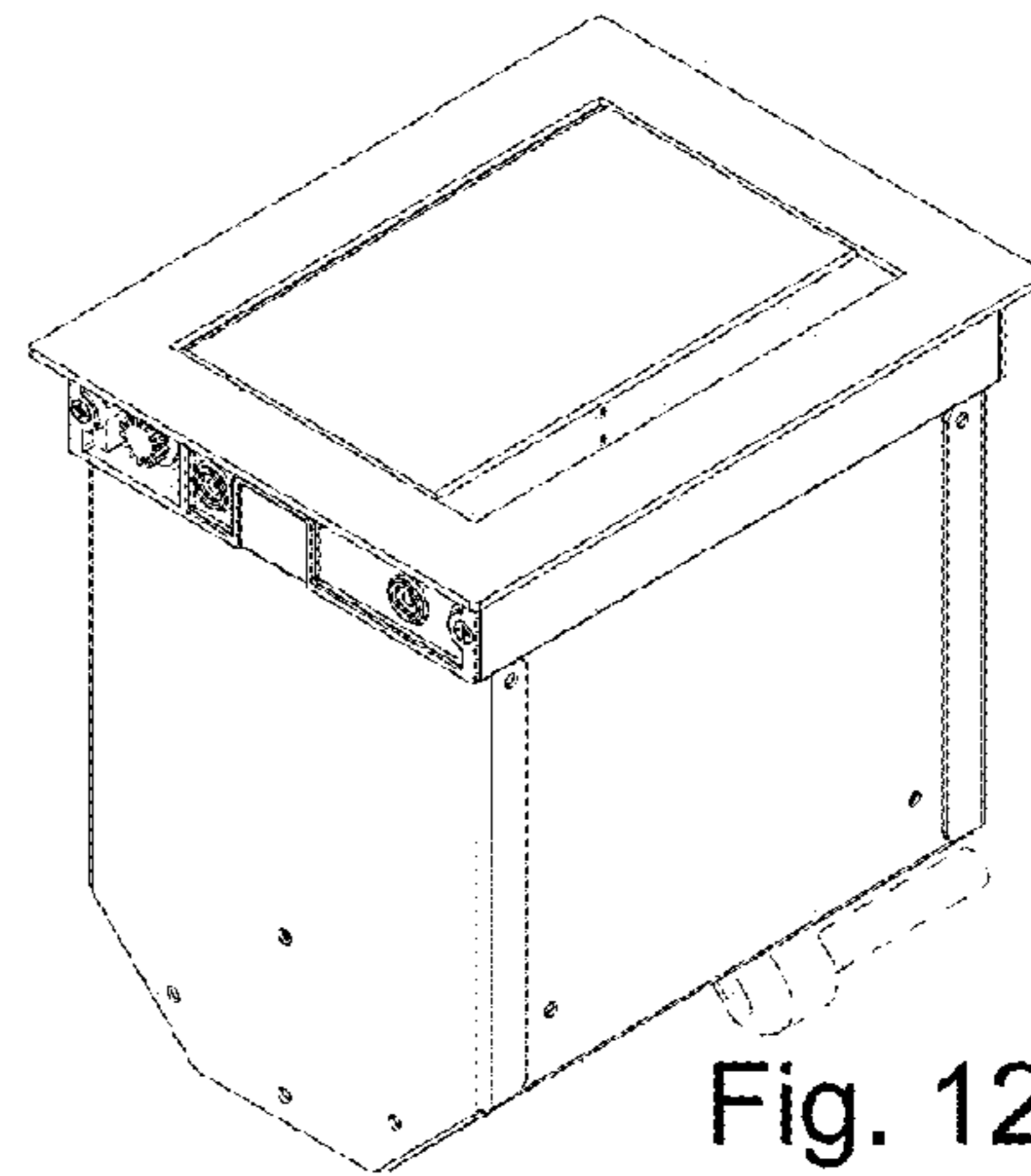


Fig. 12

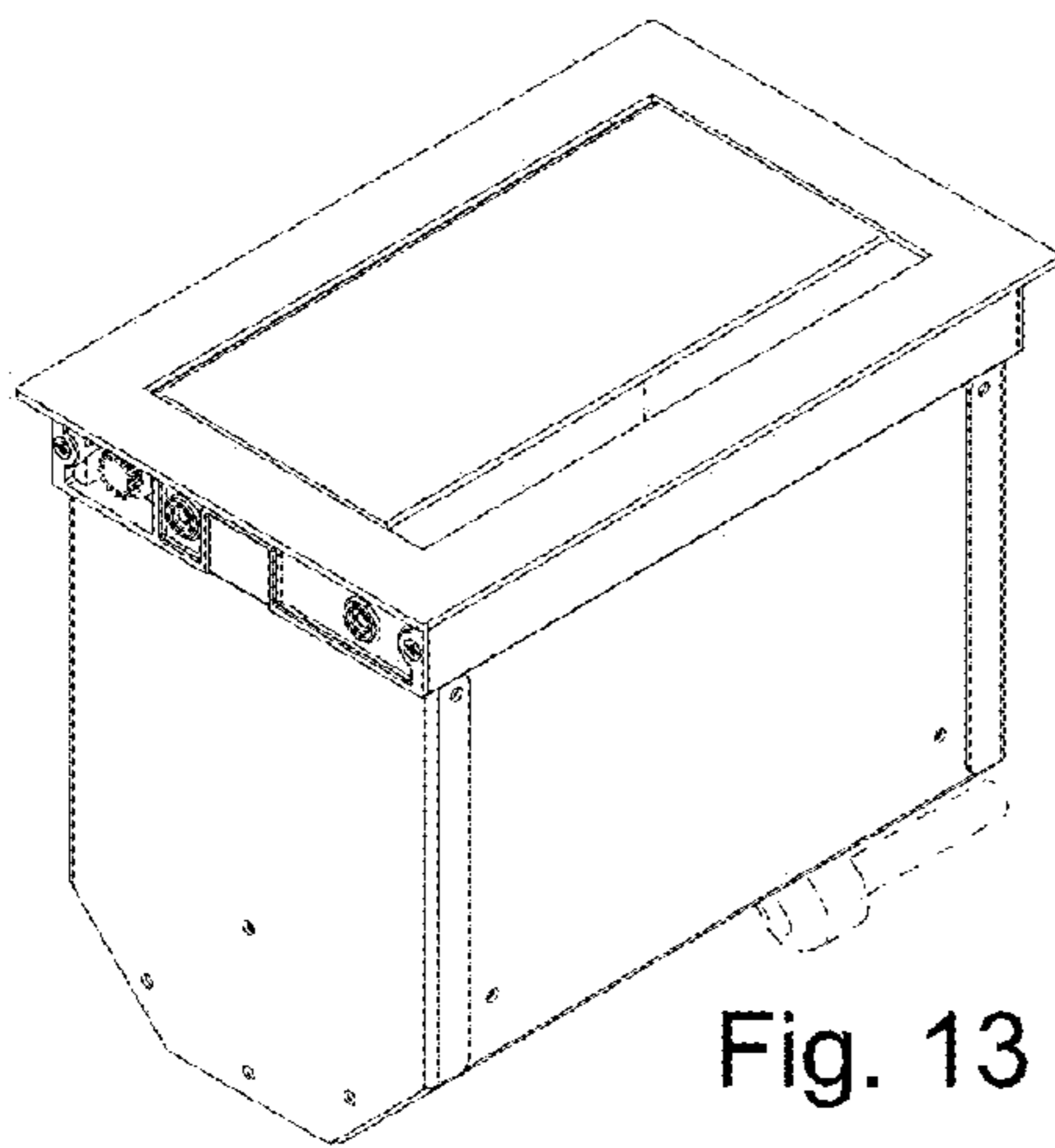


Fig. 13

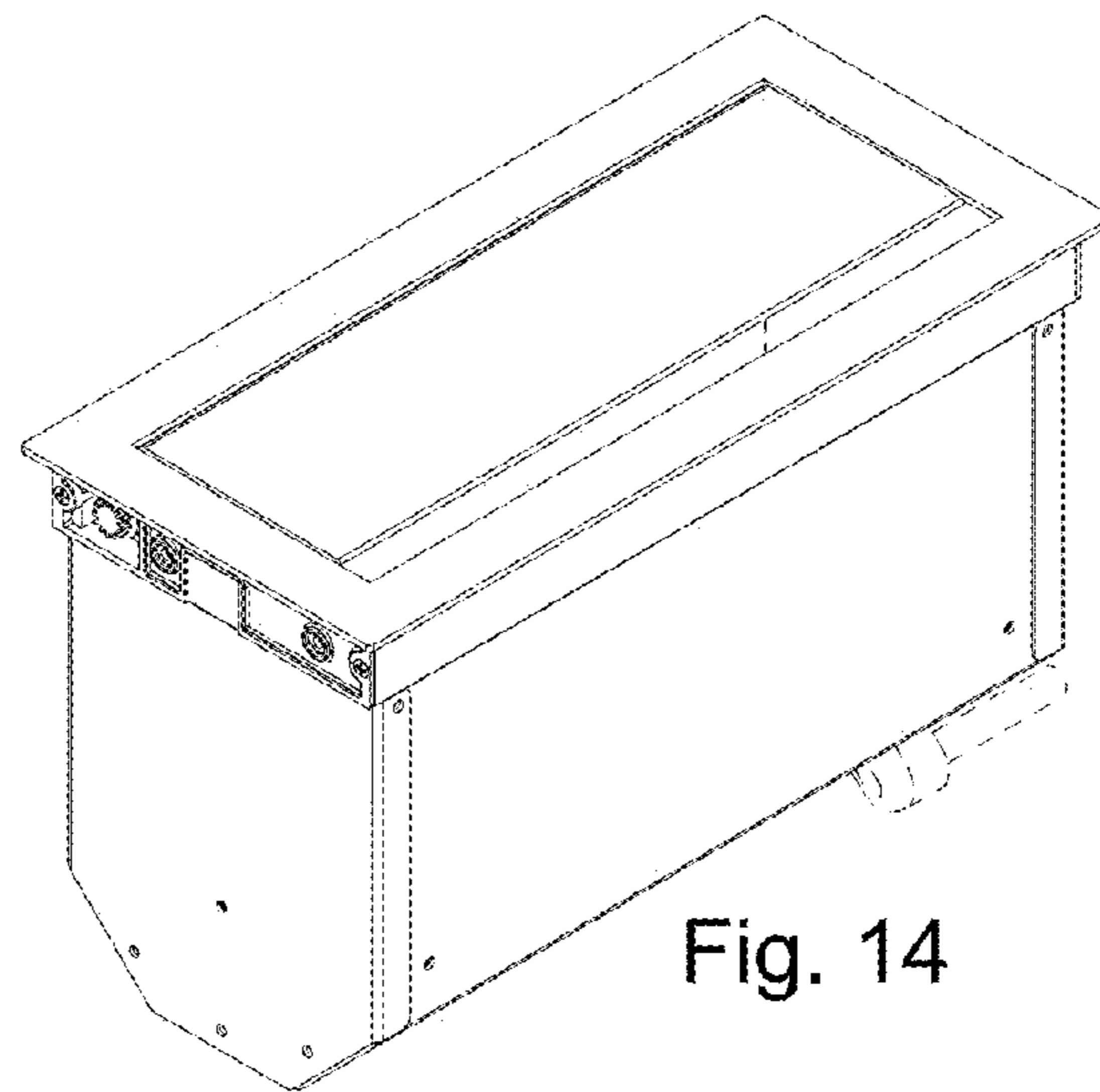


Fig. 14

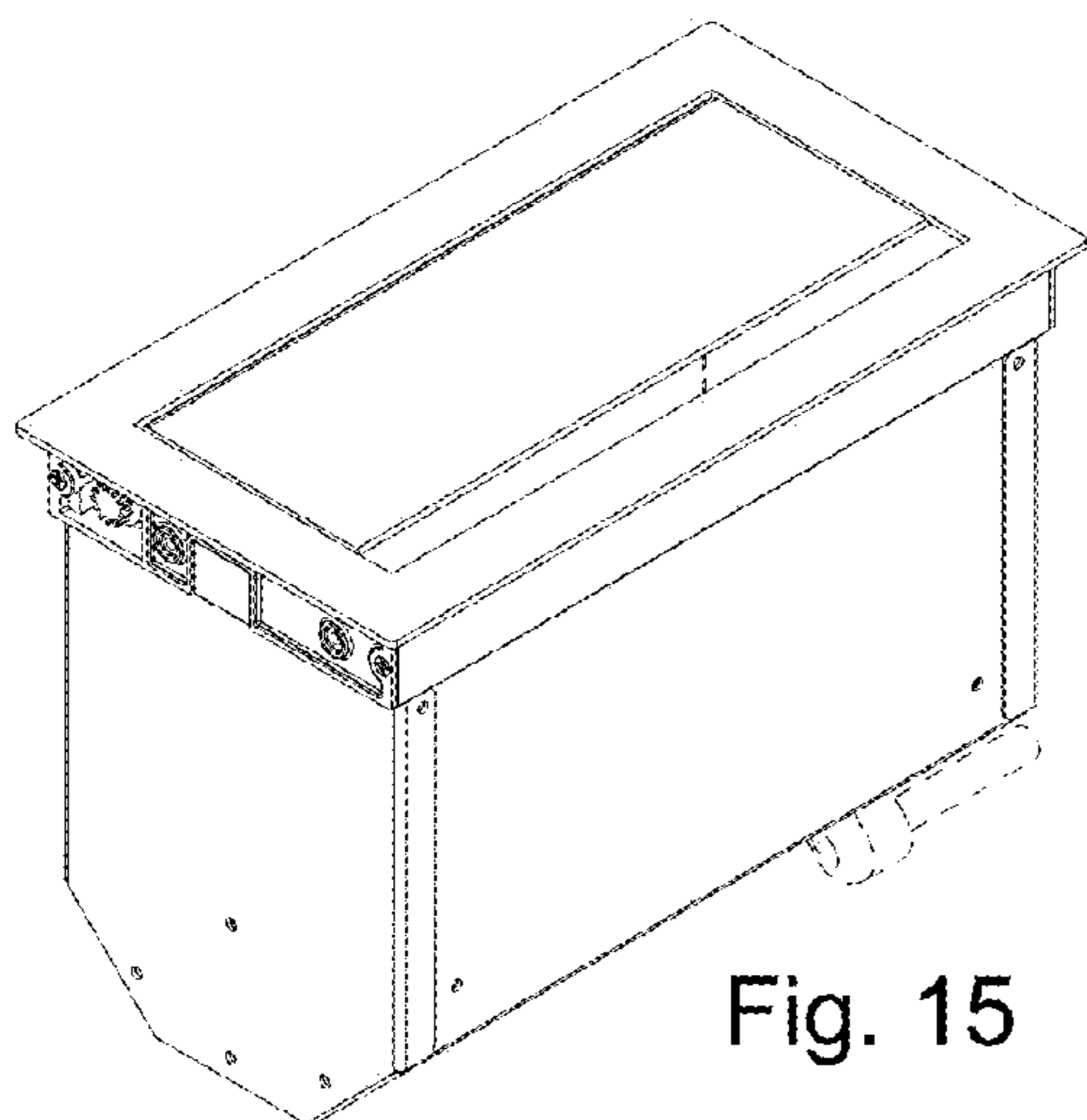


Fig. 15

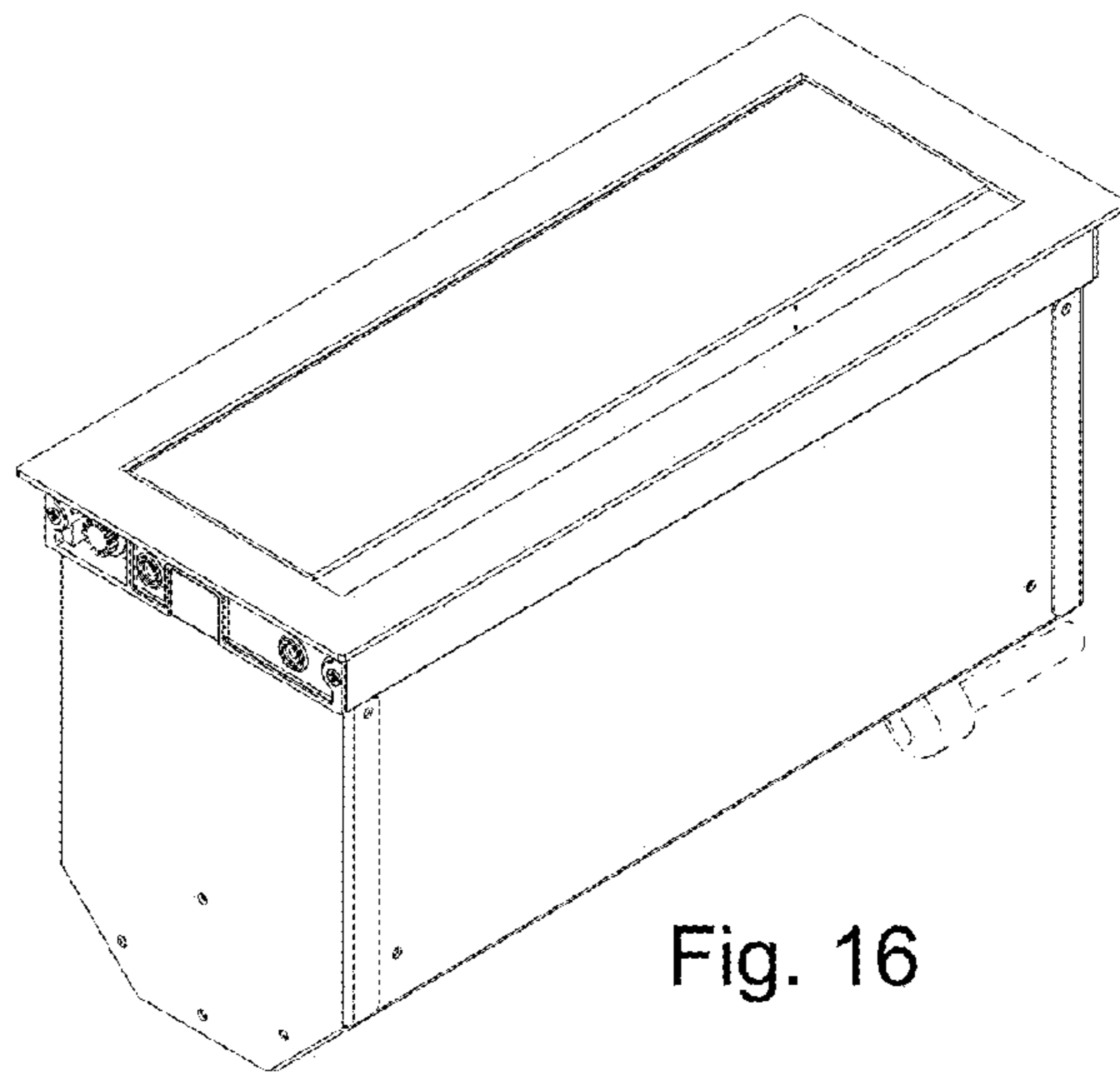


Fig. 16

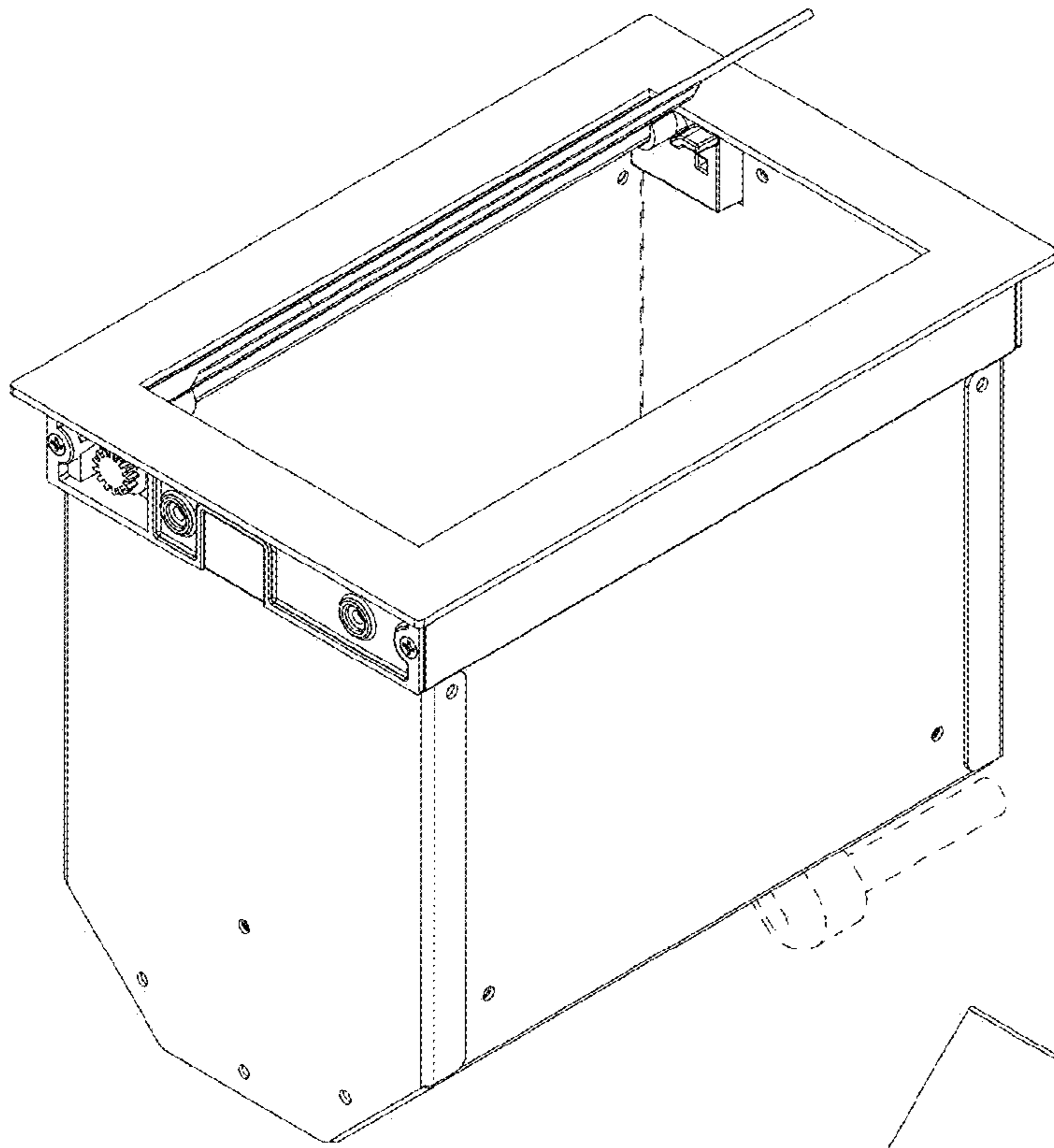


Fig. 17

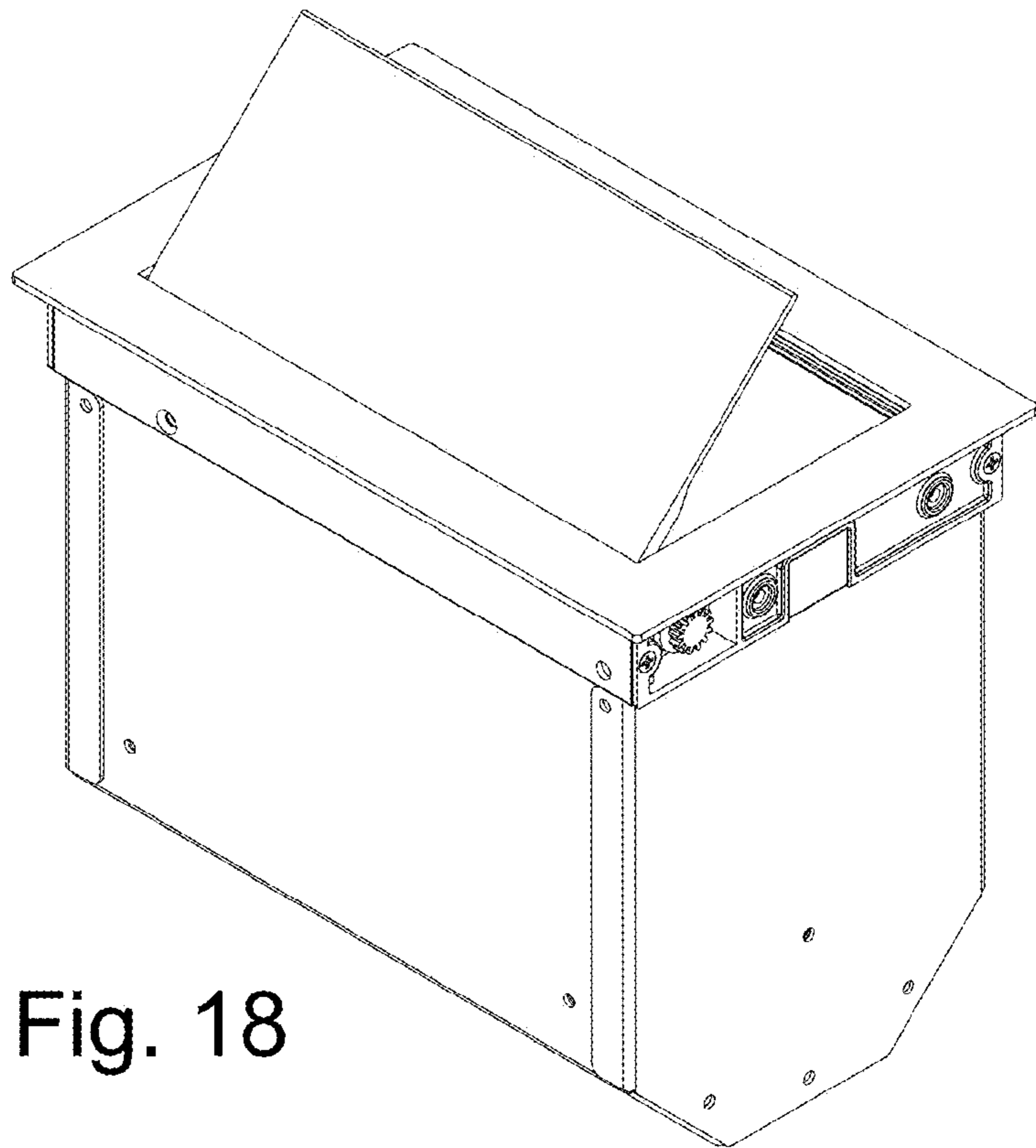


Fig. 18

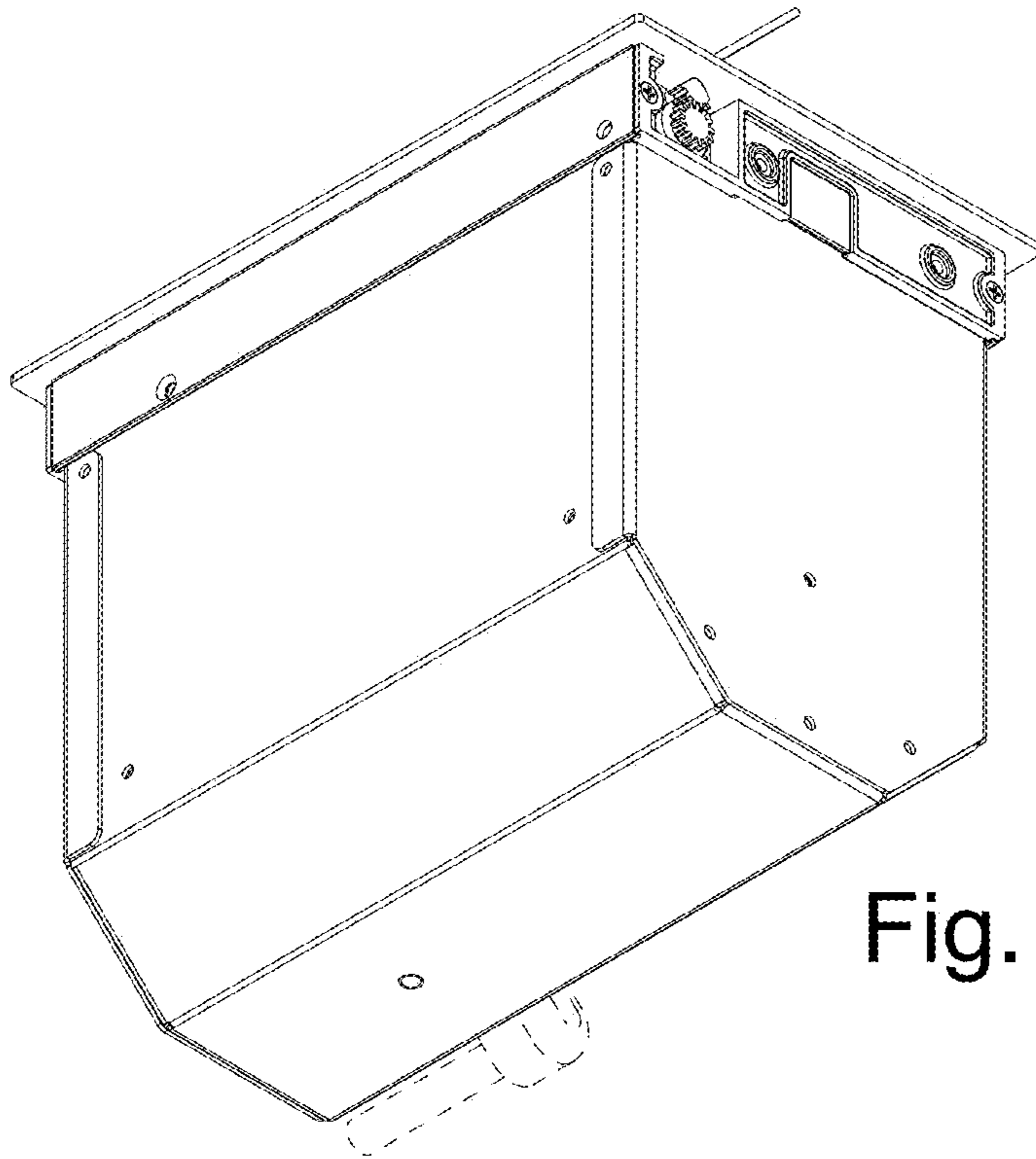


Fig. 19

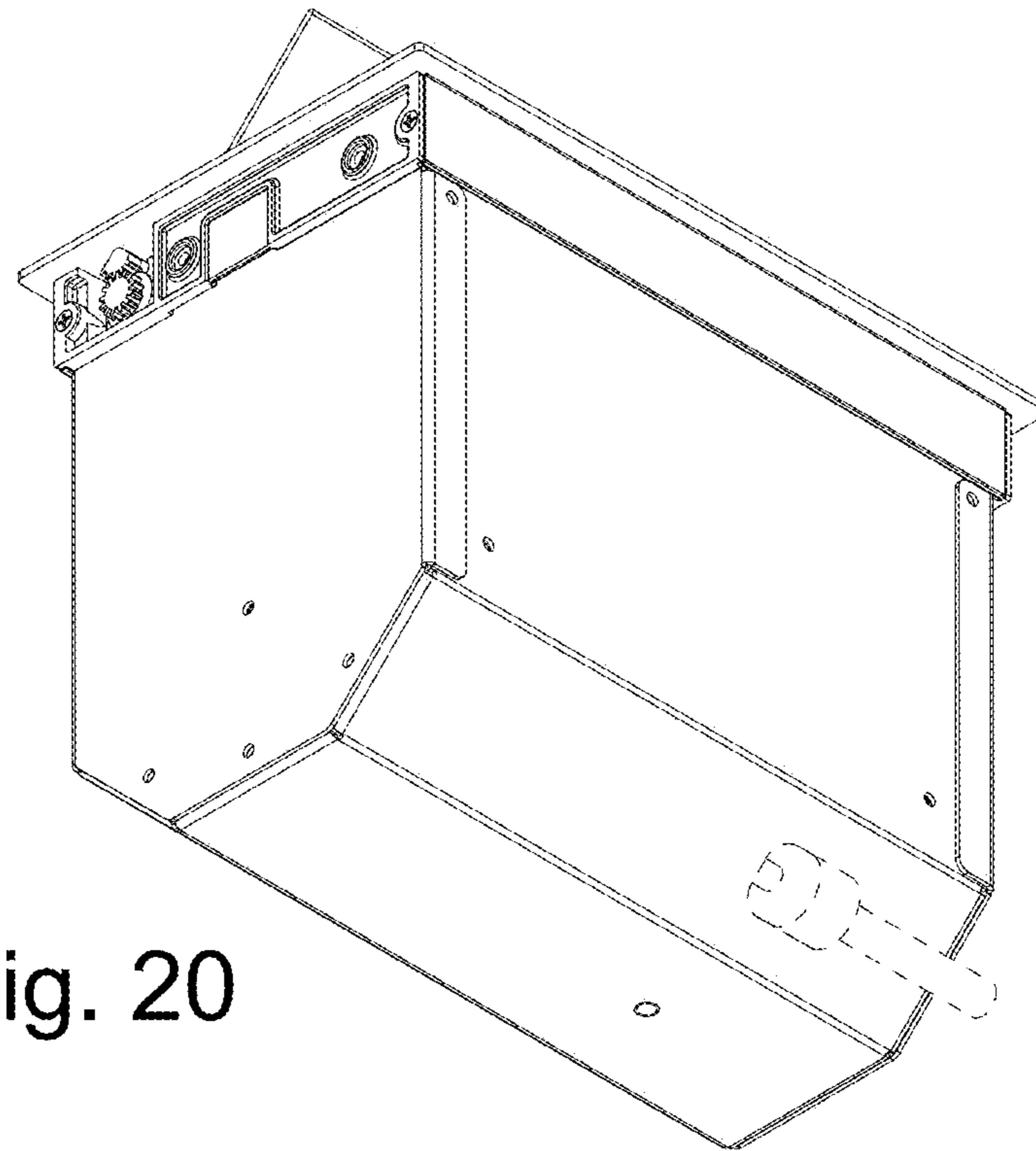


Fig. 20

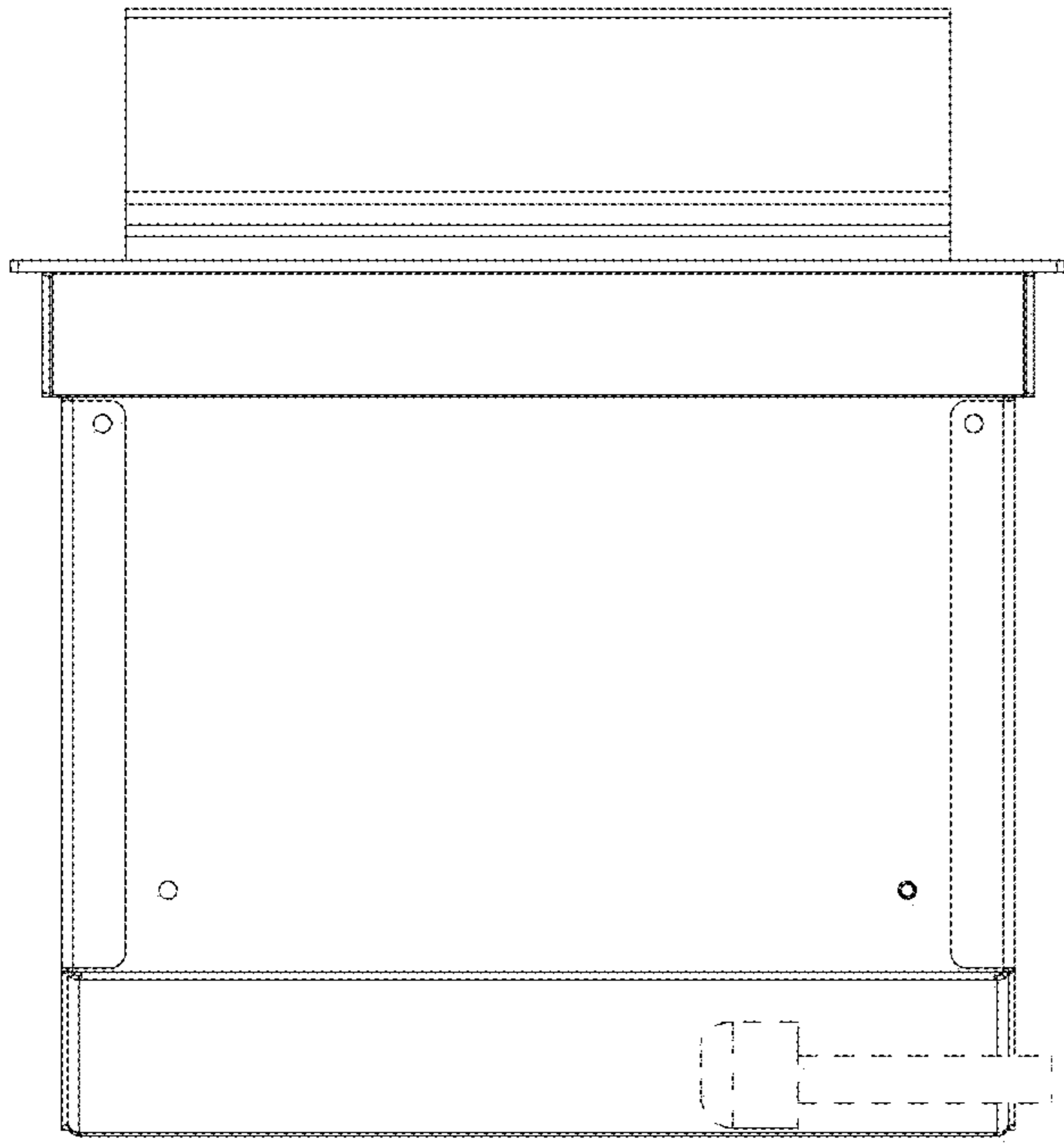


Fig. 21

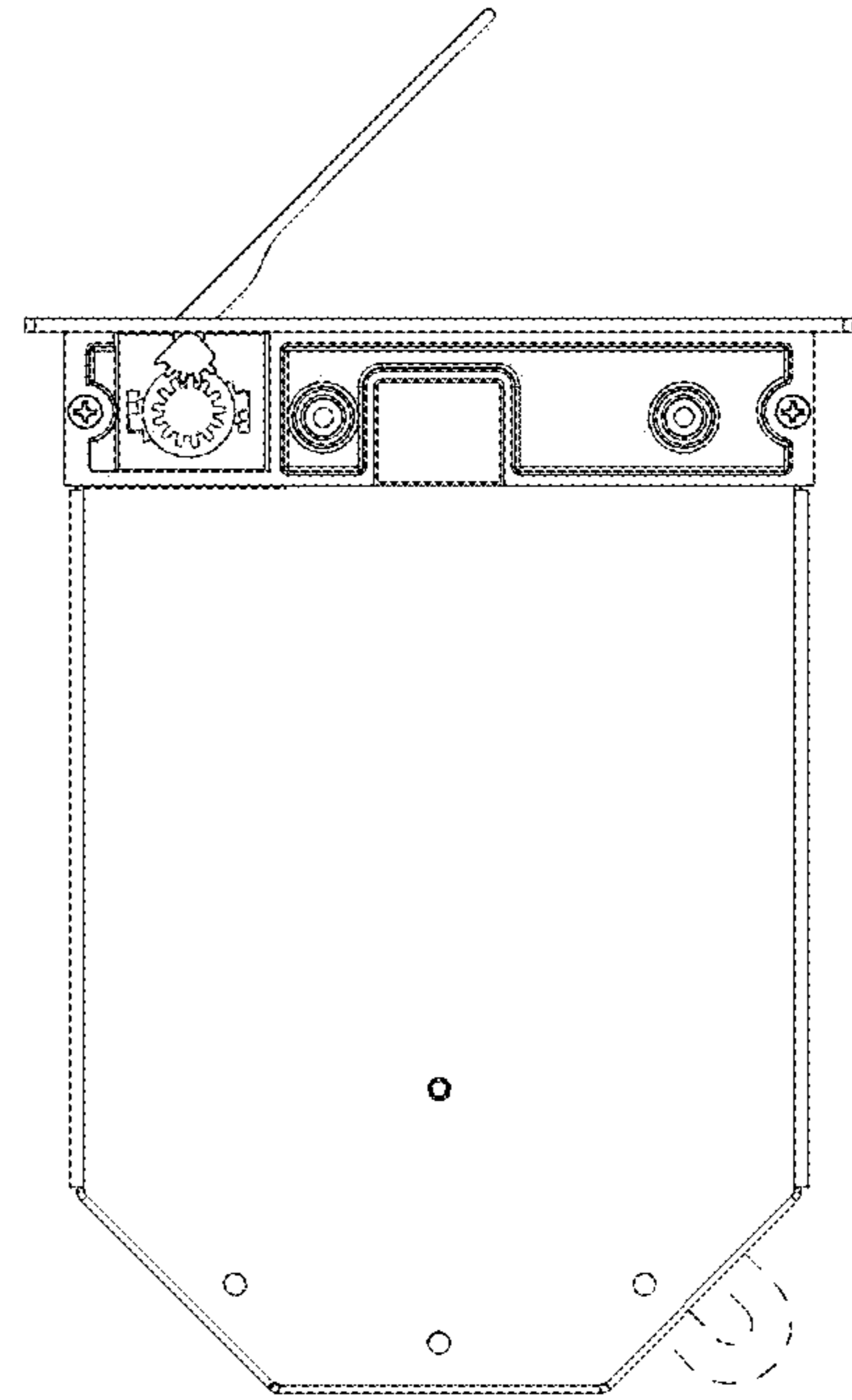


Fig. 23

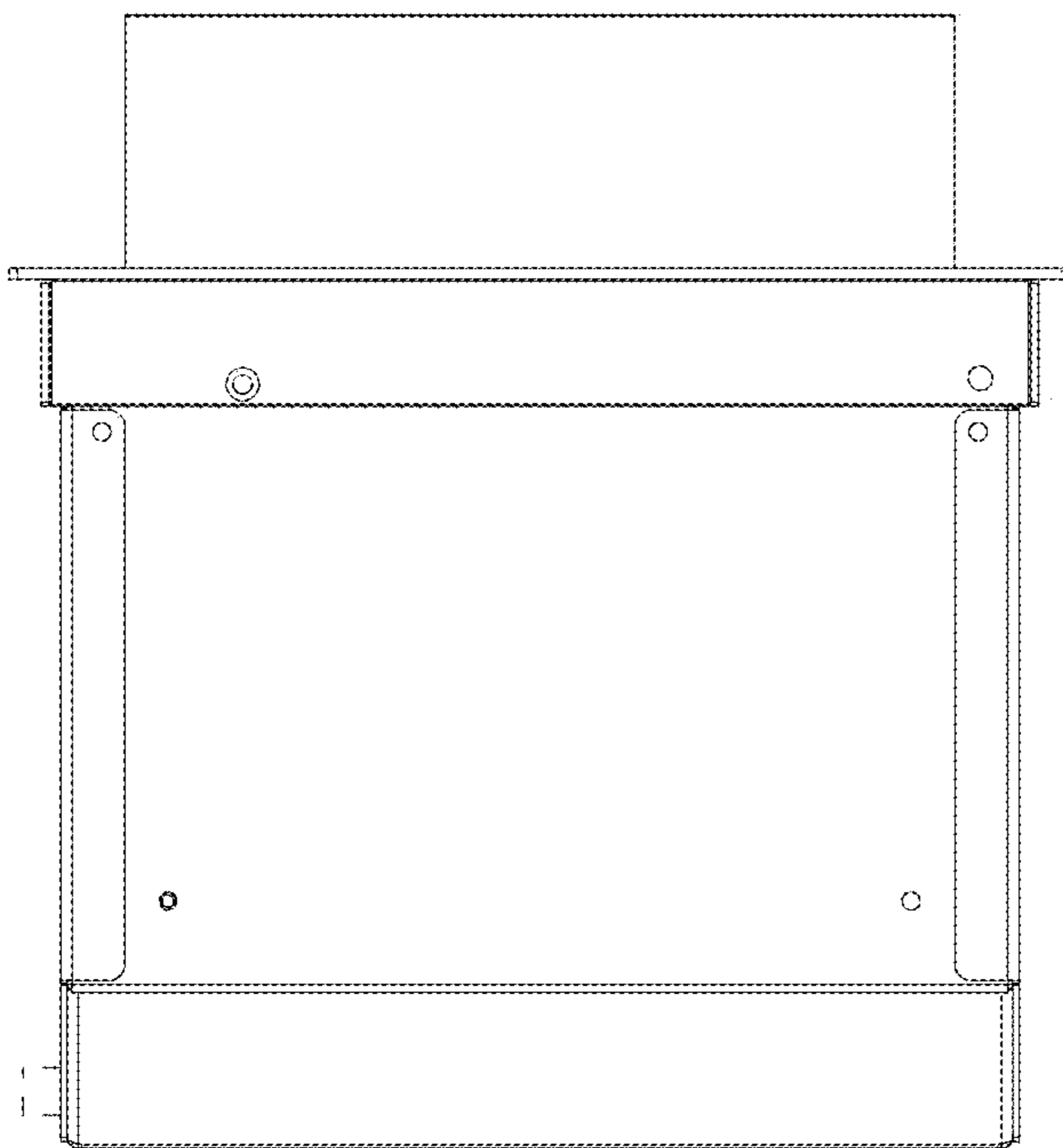


Fig. 22

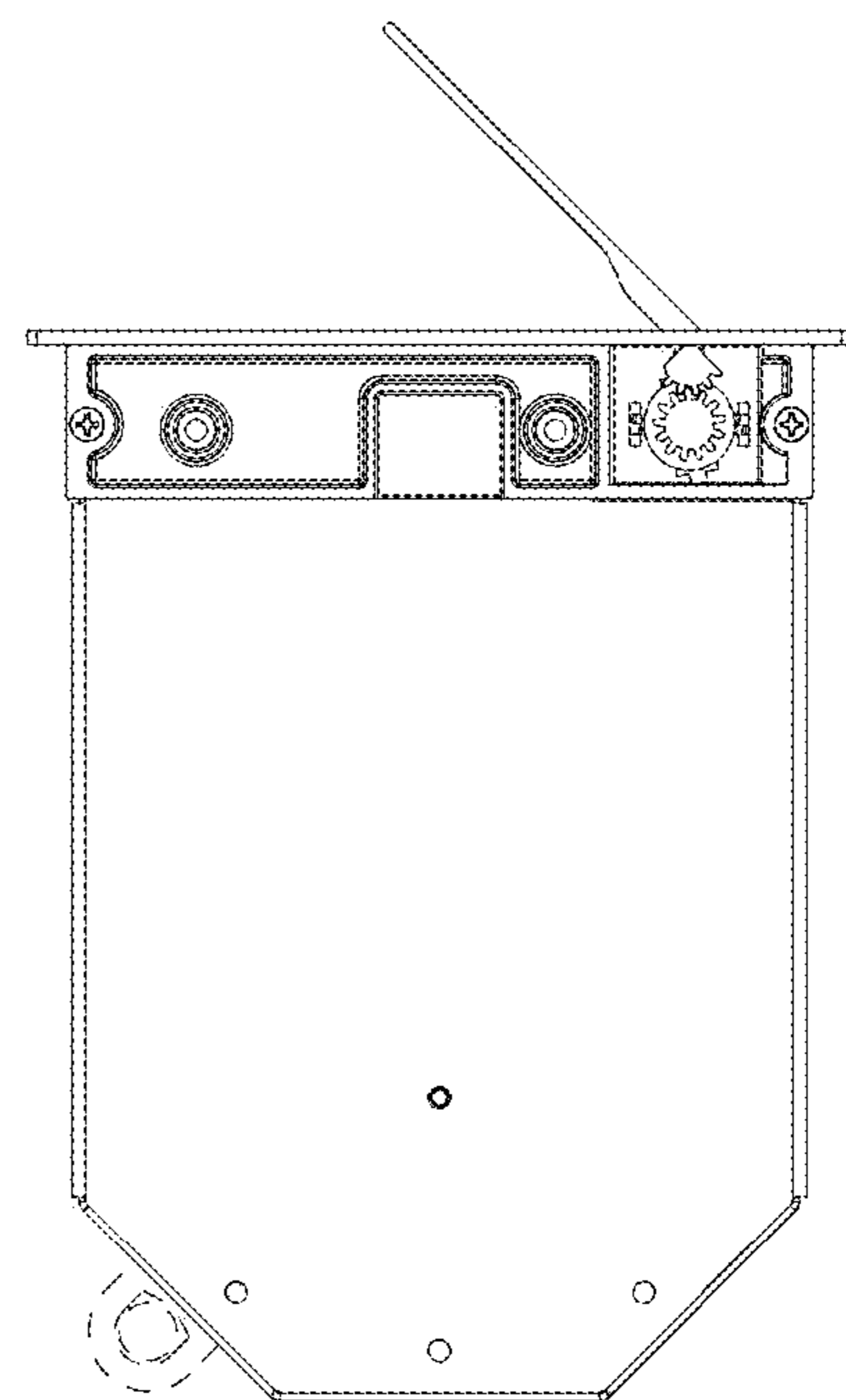


Fig. 24

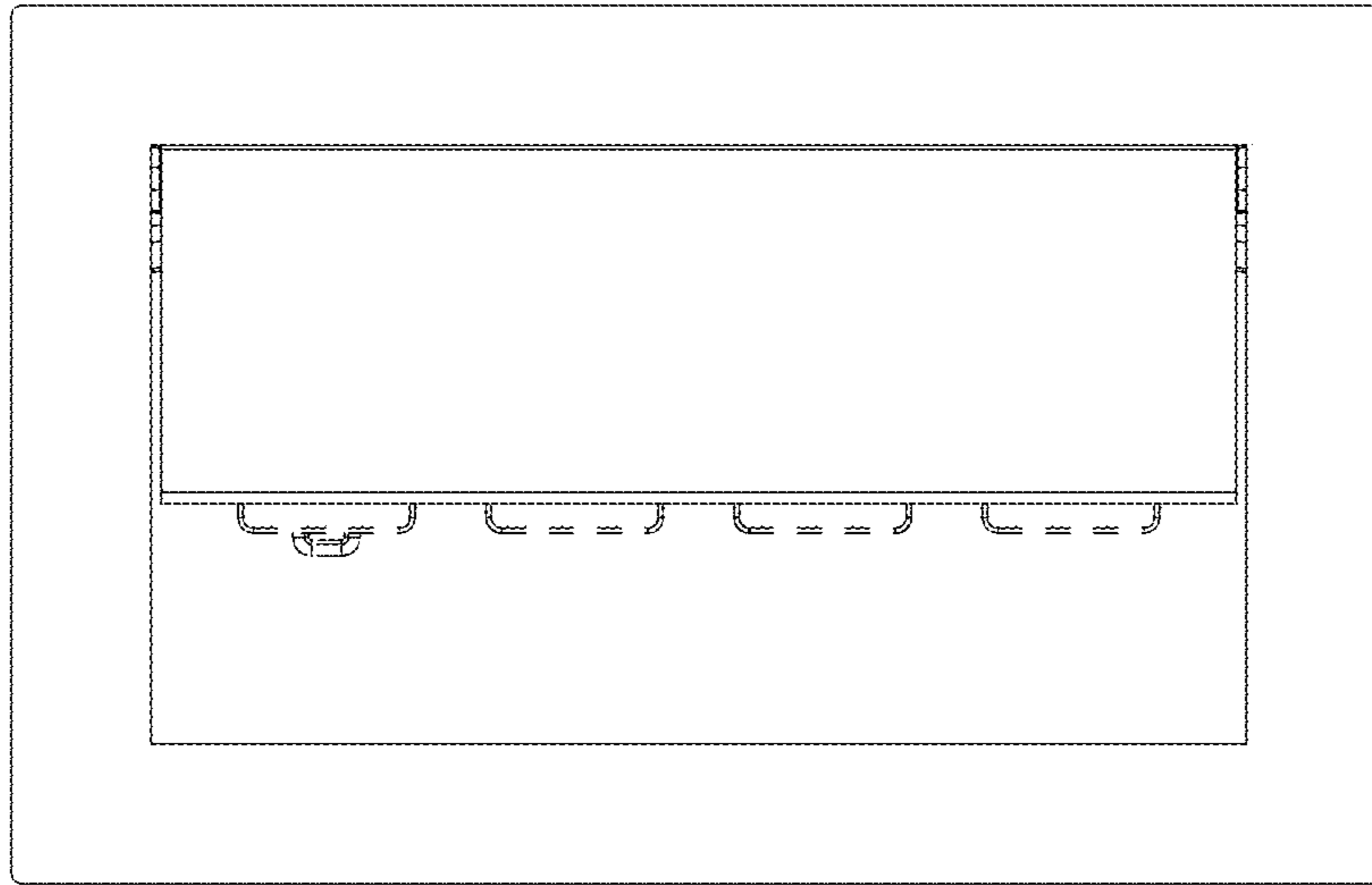


Fig. 25

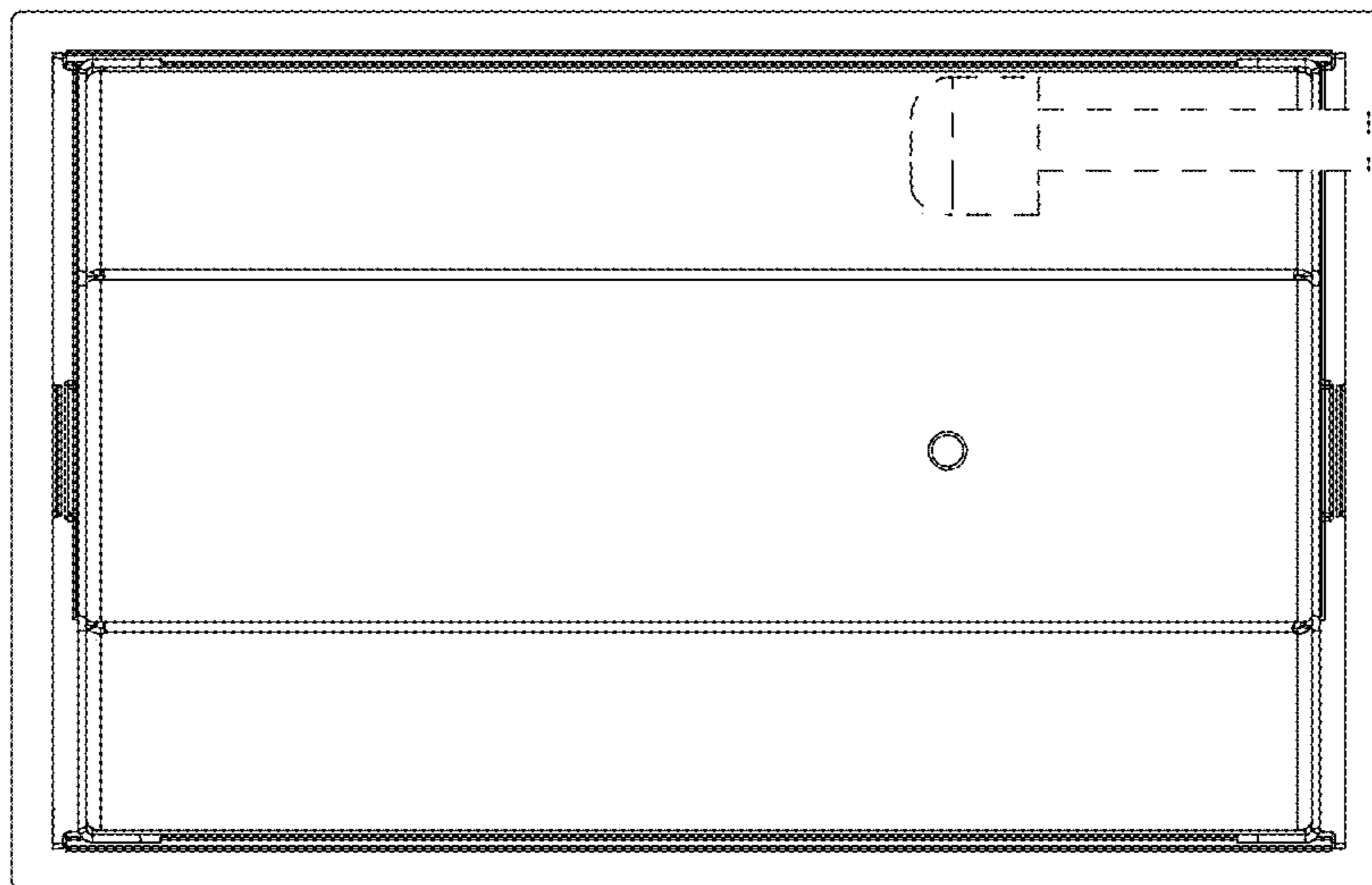


Fig. 26

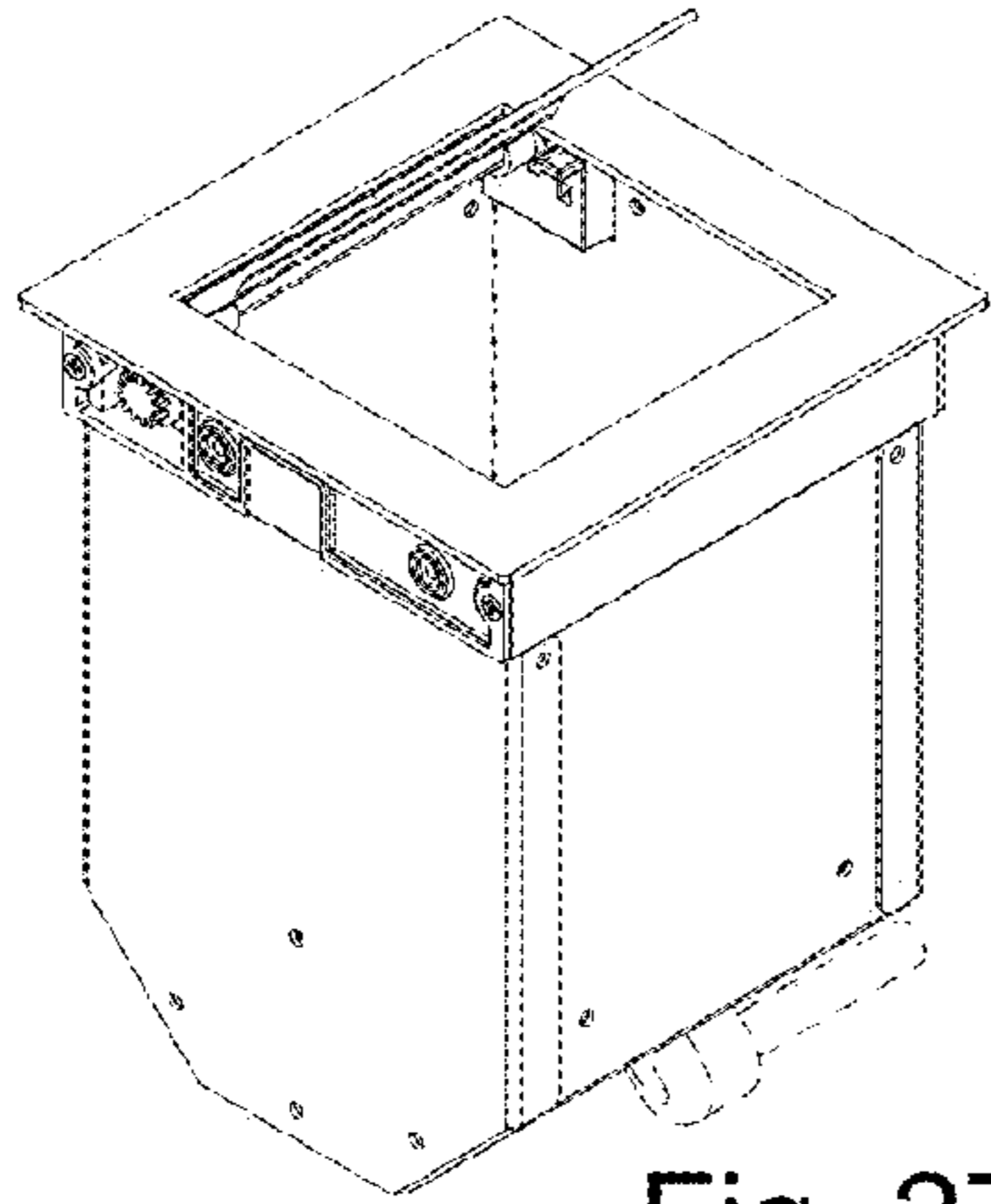


Fig. 27

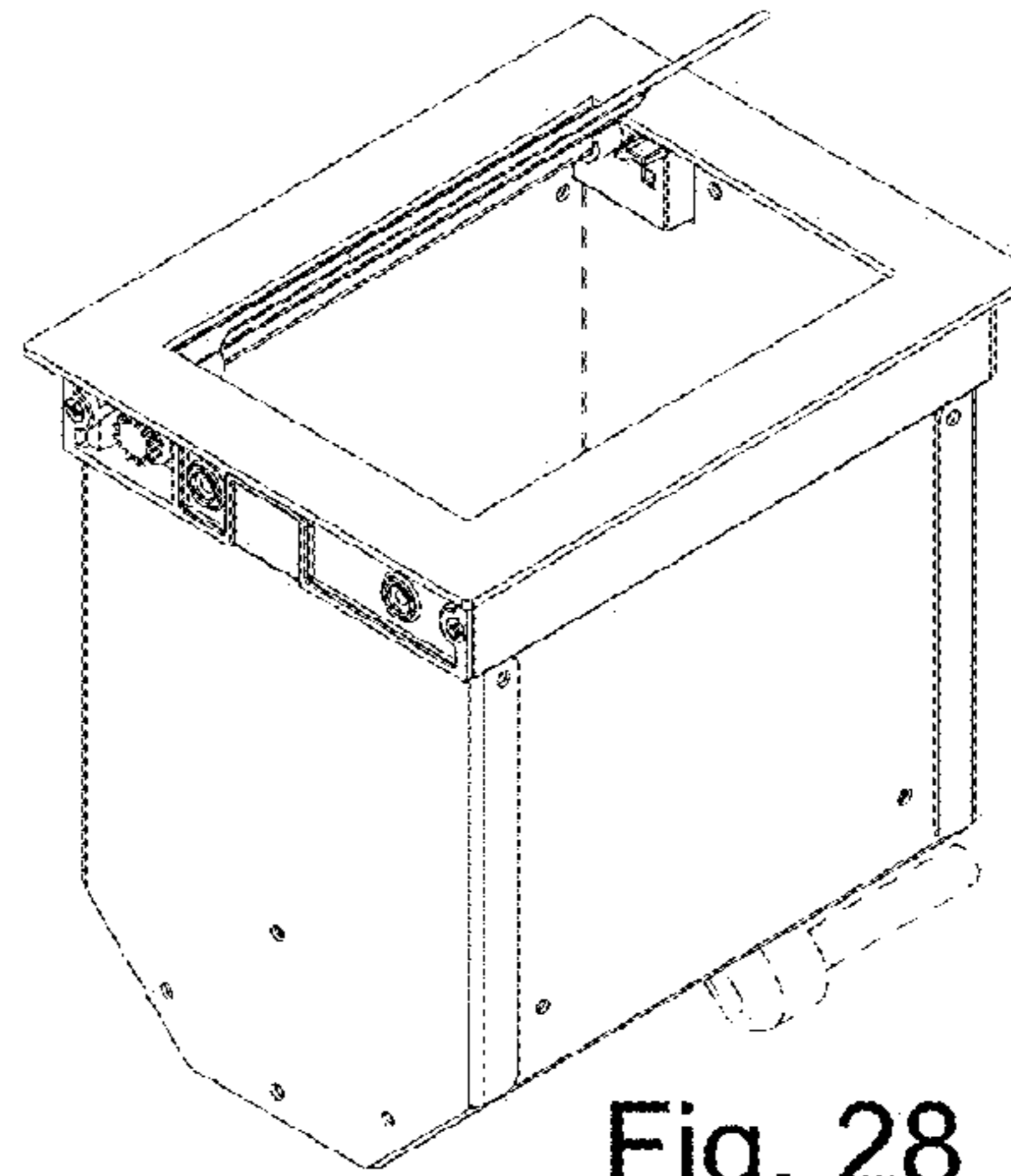


Fig. 28

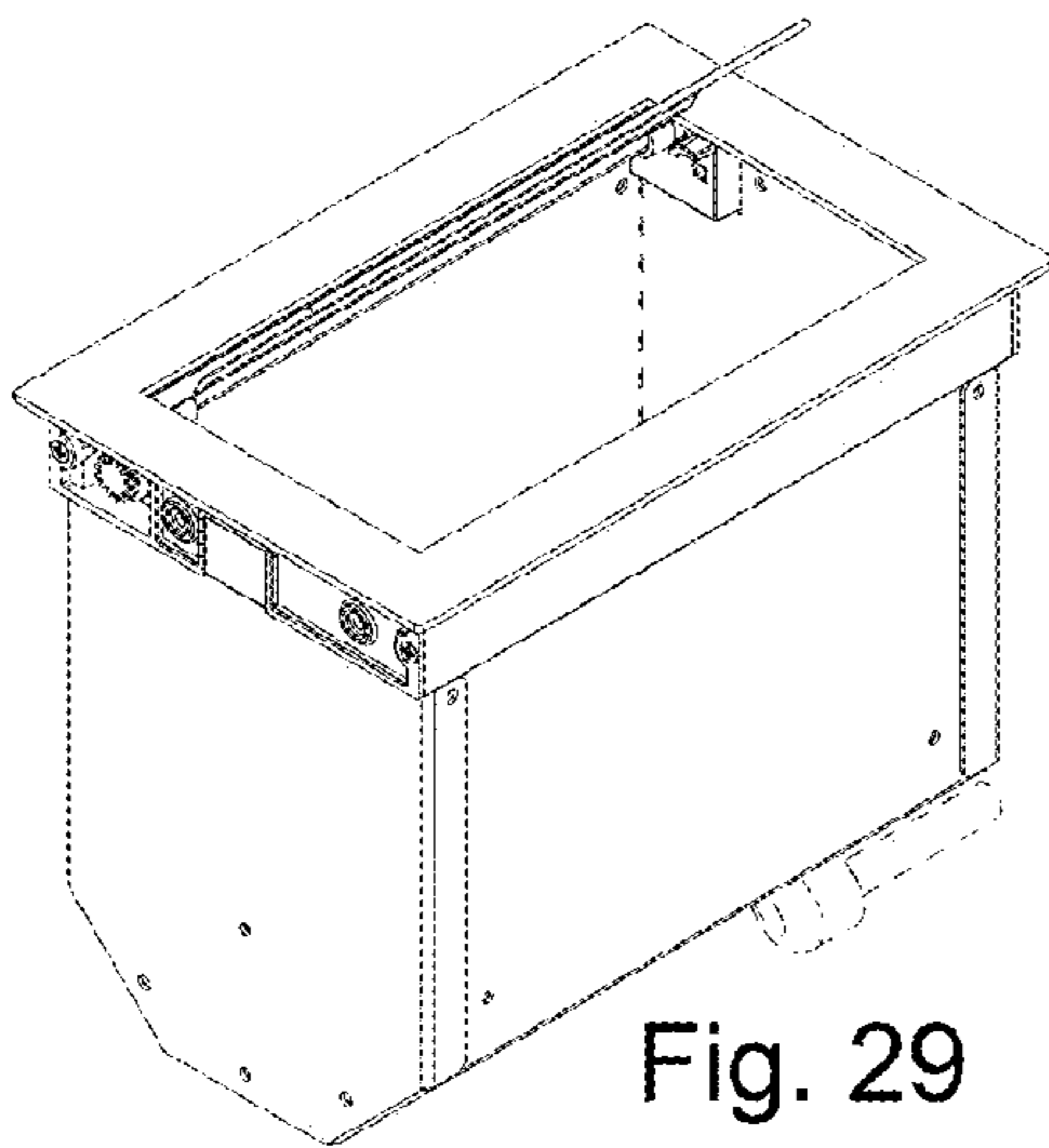


Fig. 29

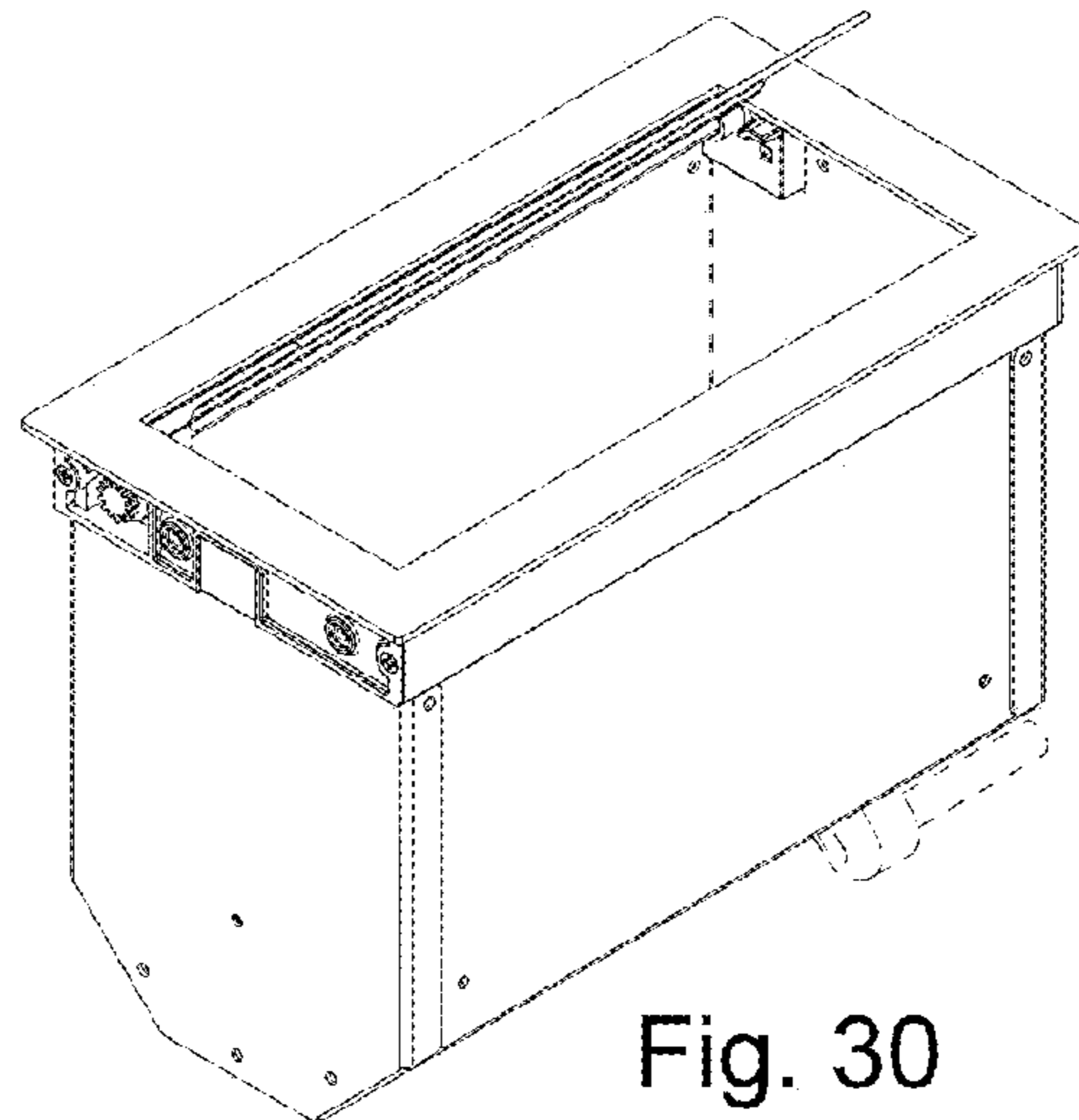


Fig. 30

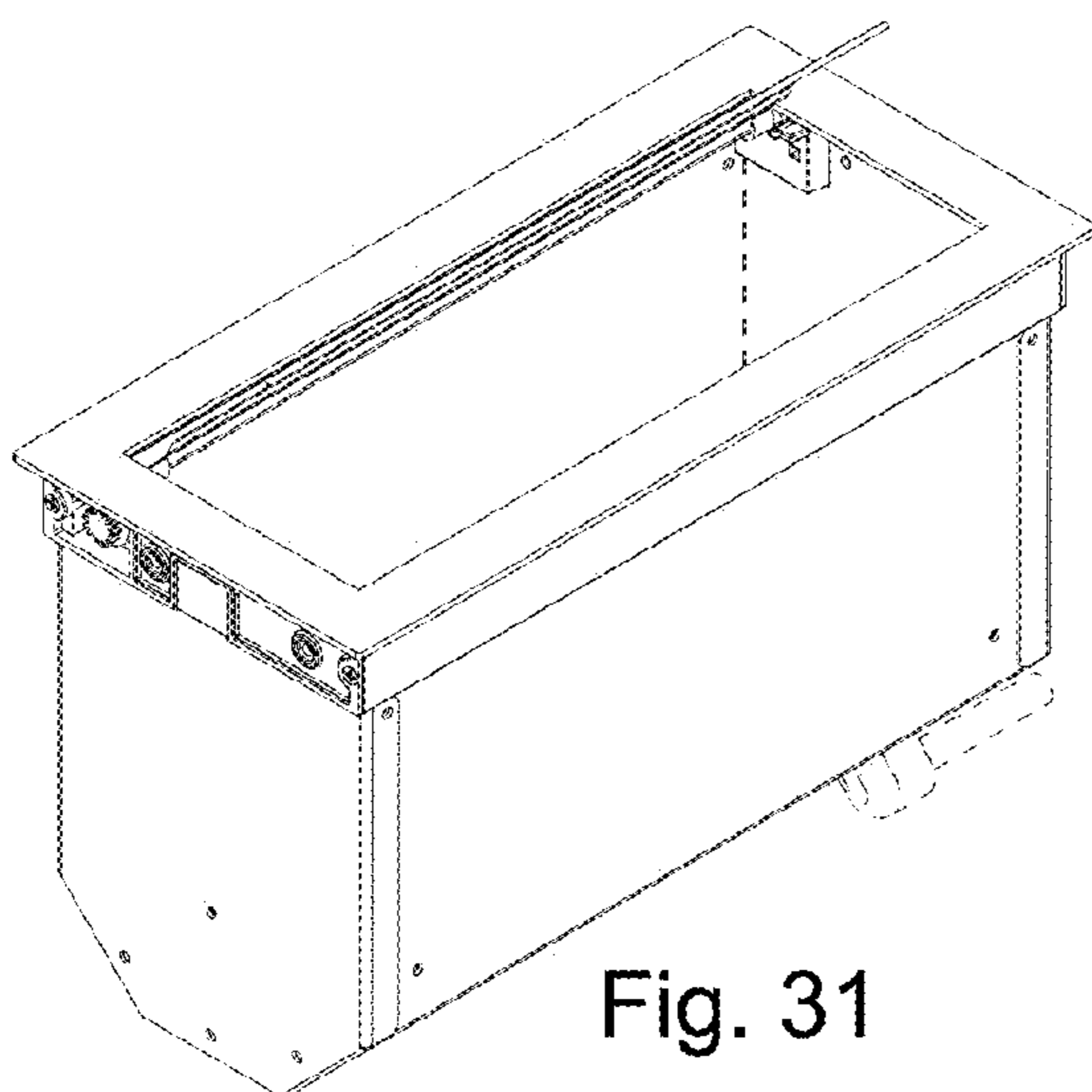


Fig. 31

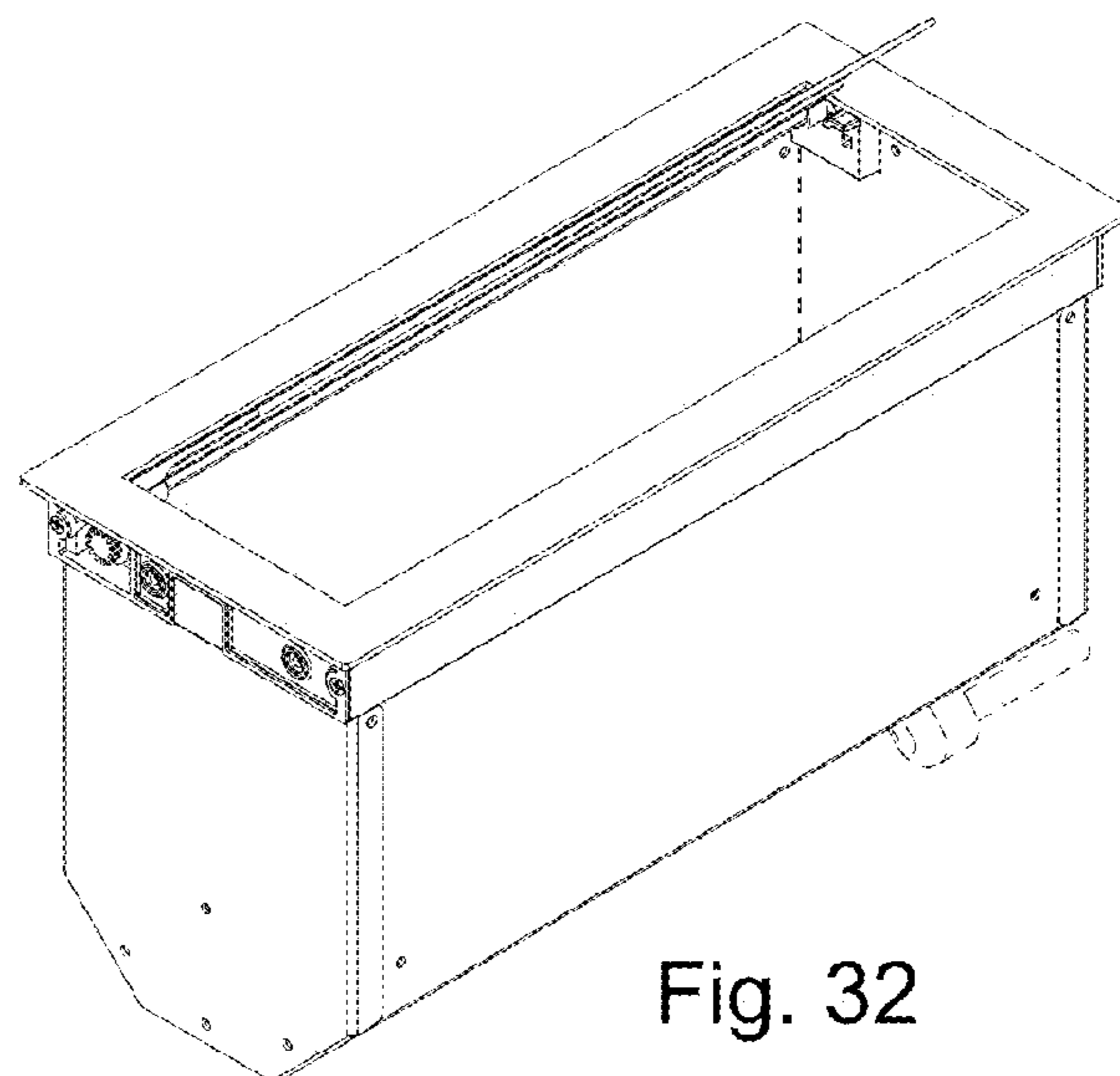


Fig. 32