



US00D758969S

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

(10) **Patent No.:** **US D758,969 S**
(45) **Date of Patent:** **** Jun. 14, 2016**

(54) **CONTROLLERS FOR SERVOMOTORS**

(56)

References Cited

(71) Applicant: **MITSUBISHI ELECTRIC CORPORATION**, Tokyo (JP)

(72) Inventors: **Shinichi Kato**, Tokyo (JP); **Yuki Mizushi**, Tokyo (JP); **Kayo Shimohama**, Tokyo (JP); **Yasuhiro Endo**, Tokyo (JP); **Kentarou Tsukamoto**, Tokyo (JP)

(73) Assignee: **Mitsubishi Electric Corporation**, Tokyo (JP)

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

(21) Appl. No.: **29/516,798**

(22) Filed: **Feb. 5, 2015**

(30) **Foreign Application Priority Data**

Oct. 9, 2014 (JP) 2014-022704

(51) **LOC (10) Cl.** **13-03**

(52) **U.S. Cl.**
USPC **D13/123**; D13/162

(58) **Field of Classification Search**
USPC D13/110, 123, 158, 160, 162, 162.1;
D14/188; 318/486, 560, 567, 625, 677,
318/680, 681; 361/725
CPC . G05D 3/1409; G05D 3/1418; G05D 3/1427;
H02H 3/253

See application file for complete search history.

U.S. PATENT DOCUMENTS

D366,243	S	*	1/1996	Kurokawa	.....	D13/162
D366,244	S	*	1/1996	Kurokawa	.....	D13/162
D366,245	S	*	1/1996	Kurokawa	.....	D13/162
D366,867	S	*	2/1996	Kurokawa	.....	D13/162
D456,782	S	*	5/2002	Nagai	.....	D13/162
D478,061	S	*	8/2003	Abe	.....	D14/188
D479,219	S	*	9/2003	Abe	.....	D14/188
D608,300	S	*	1/2010	Boyland	.....	D13/162
D609,195	S	*	2/2010	Yamashita	.....	D13/162
D621,350	S	*	8/2010	Huang	.....	D13/110
D621,351	S	*	8/2010	Huang	.....	D13/110
D623,592	S	*	9/2010	Huang	.....	D13/110
D631,436	S	*	1/2011	Huang	.....	D13/110
D724,051	S	*	3/2015	Nakahira	.....	D13/110
D724,052	S	*	3/2015	Nakahira	.....	D14/188
D737,242	S	*	8/2015	Nakahira	.....	D13/110

* cited by examiner

Primary Examiner — Selina Sikder

(74) *Attorney, Agent, or Firm* — Studebaker & Brackett PC

(57) **CLAIM**

The ornamental design for the controllers for servomotors, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of controllers for servomotors, showing our new design;

FIG. 2 is a front view thereof;

FIG. 3 is a rear view thereof;

FIG. 4 is a left side view thereof;

FIG. 5 is a right side view thereof;

FIG. 6 is a top view thereof; and,

FIG. 7 is a bottom view thereof.

The broken lines in all views are shown for illustrative purposes only and form no part of the claimed design.

1 Claim, 7 Drawing Sheets

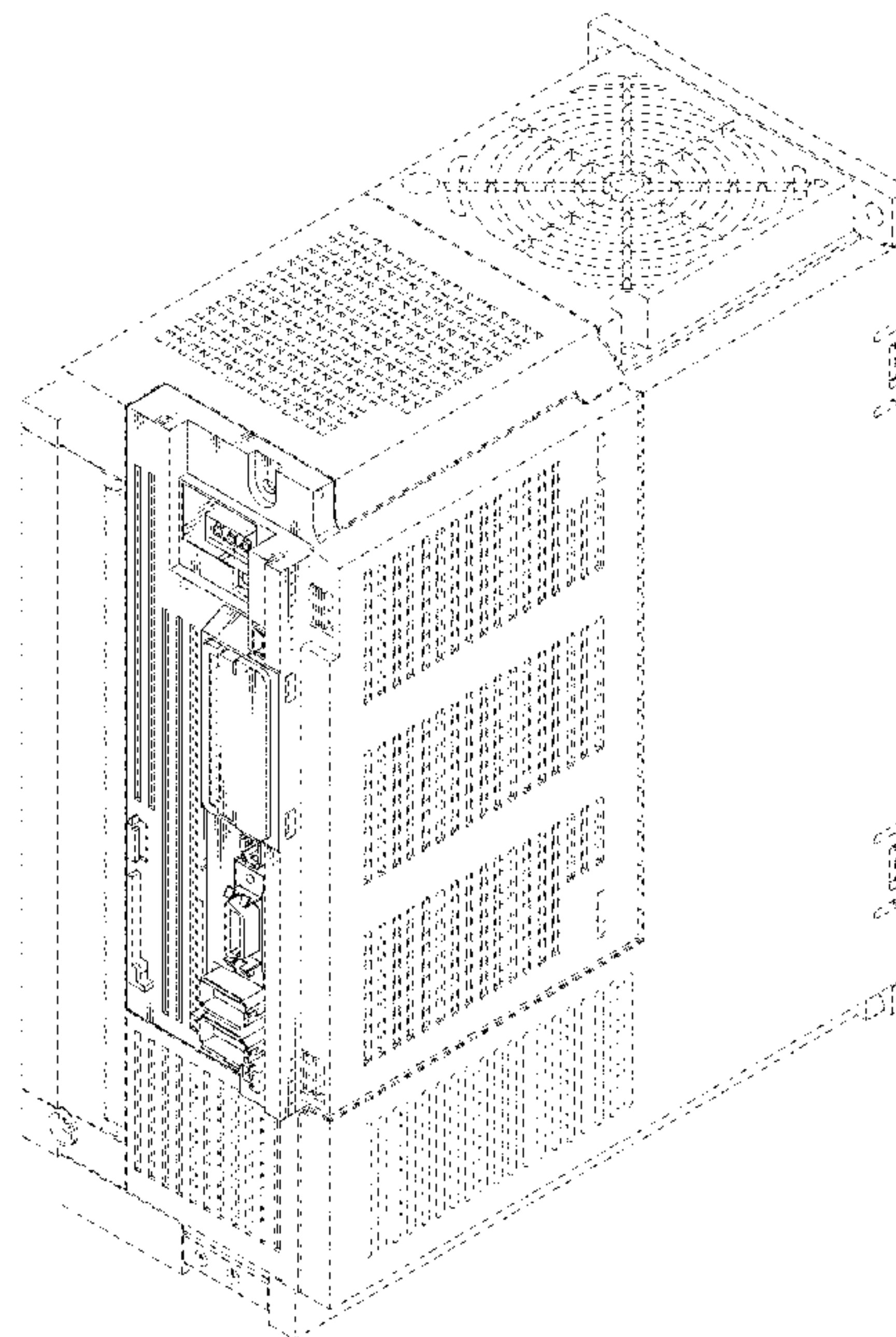


Fig. 1

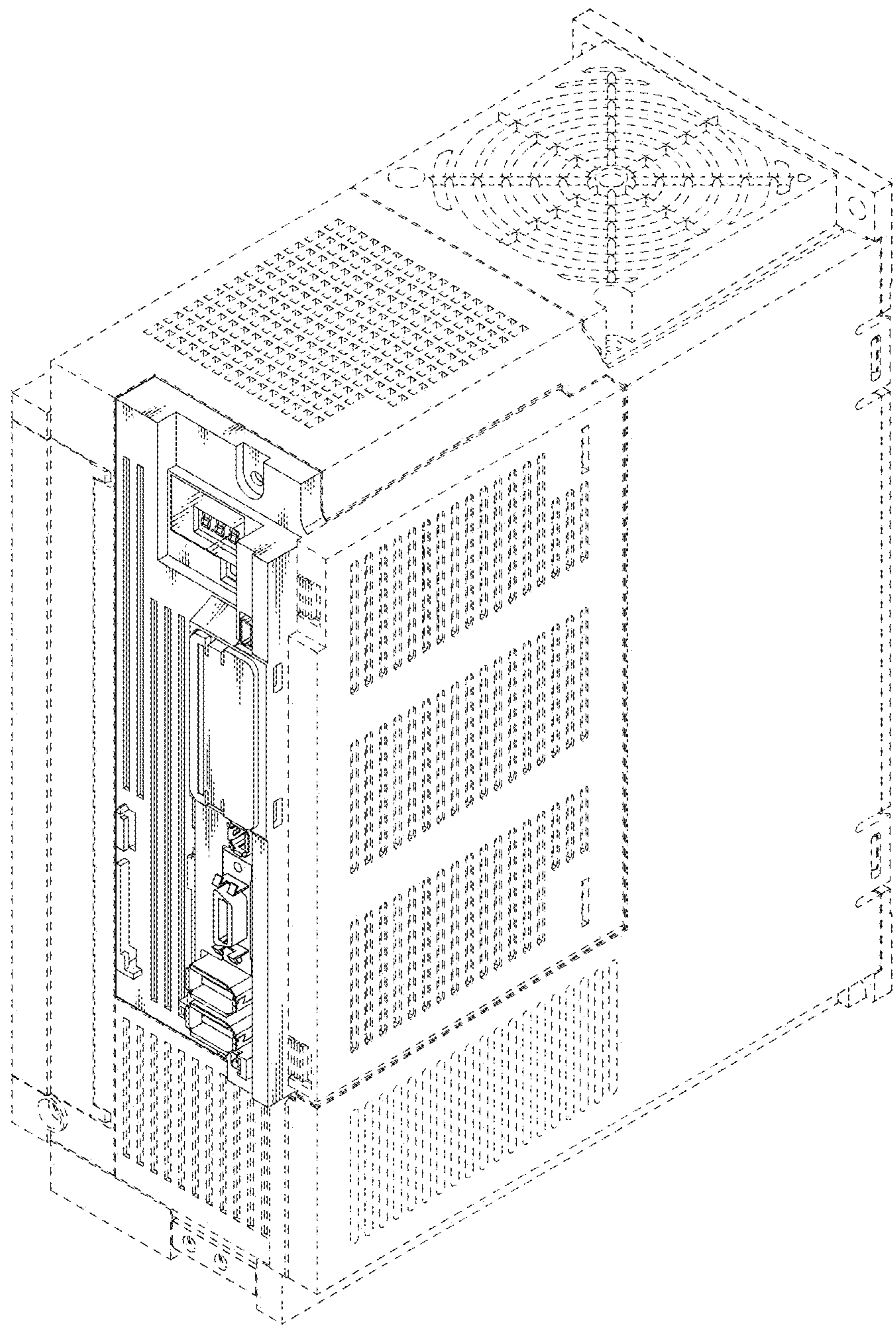


Fig. 2

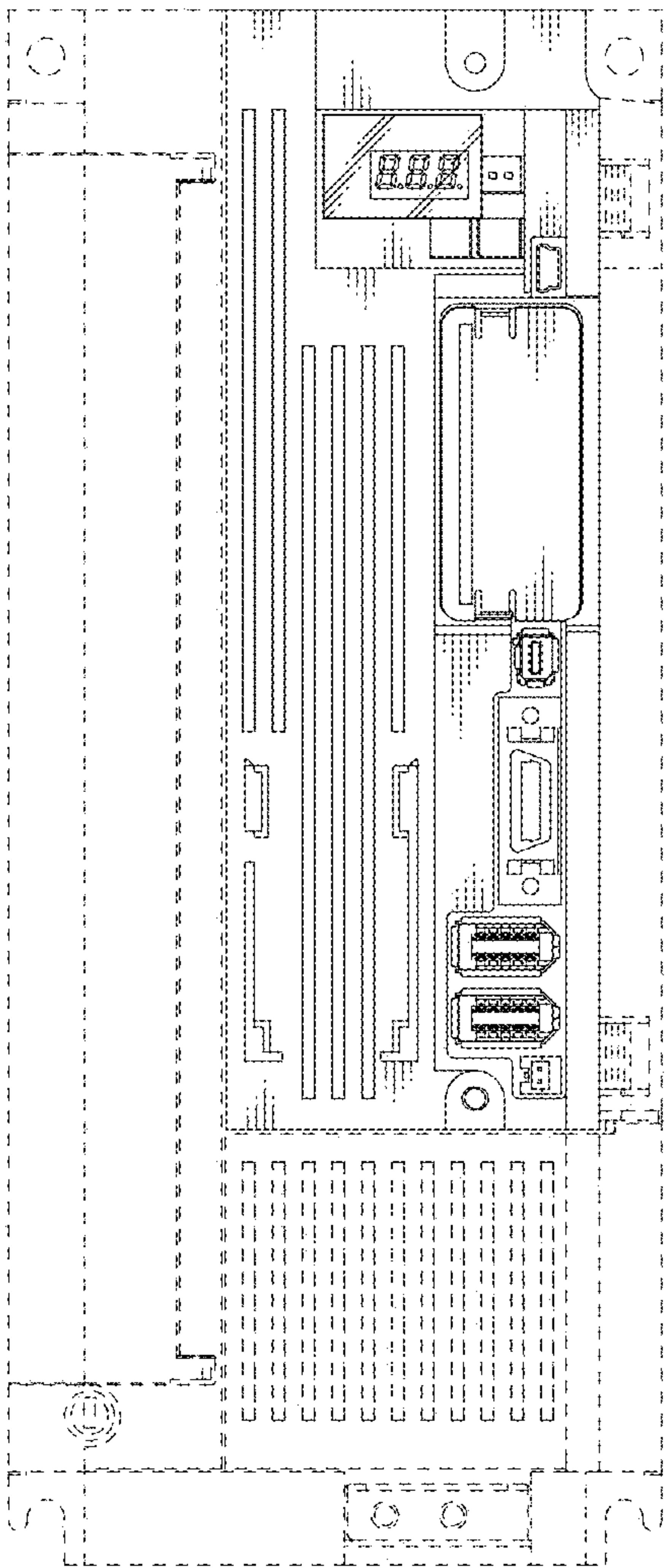


Fig. 3

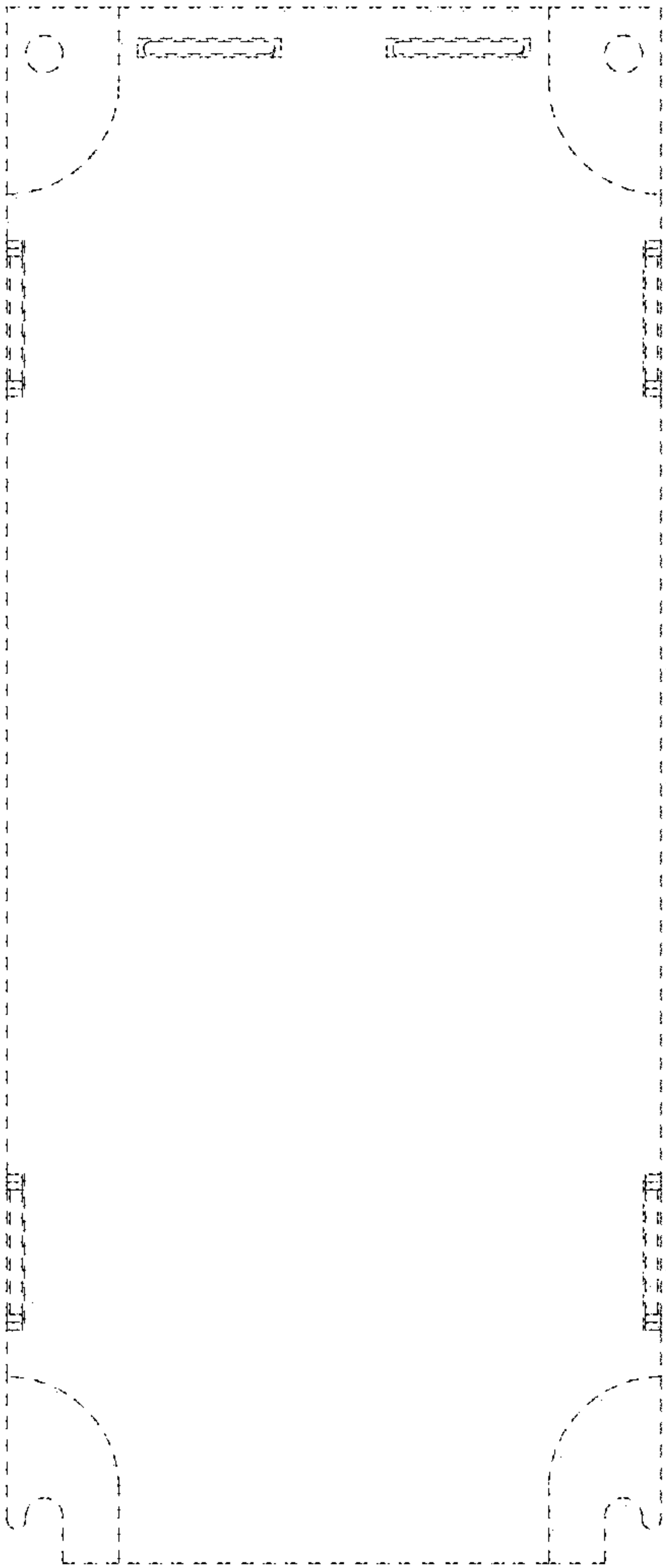


Fig. 4

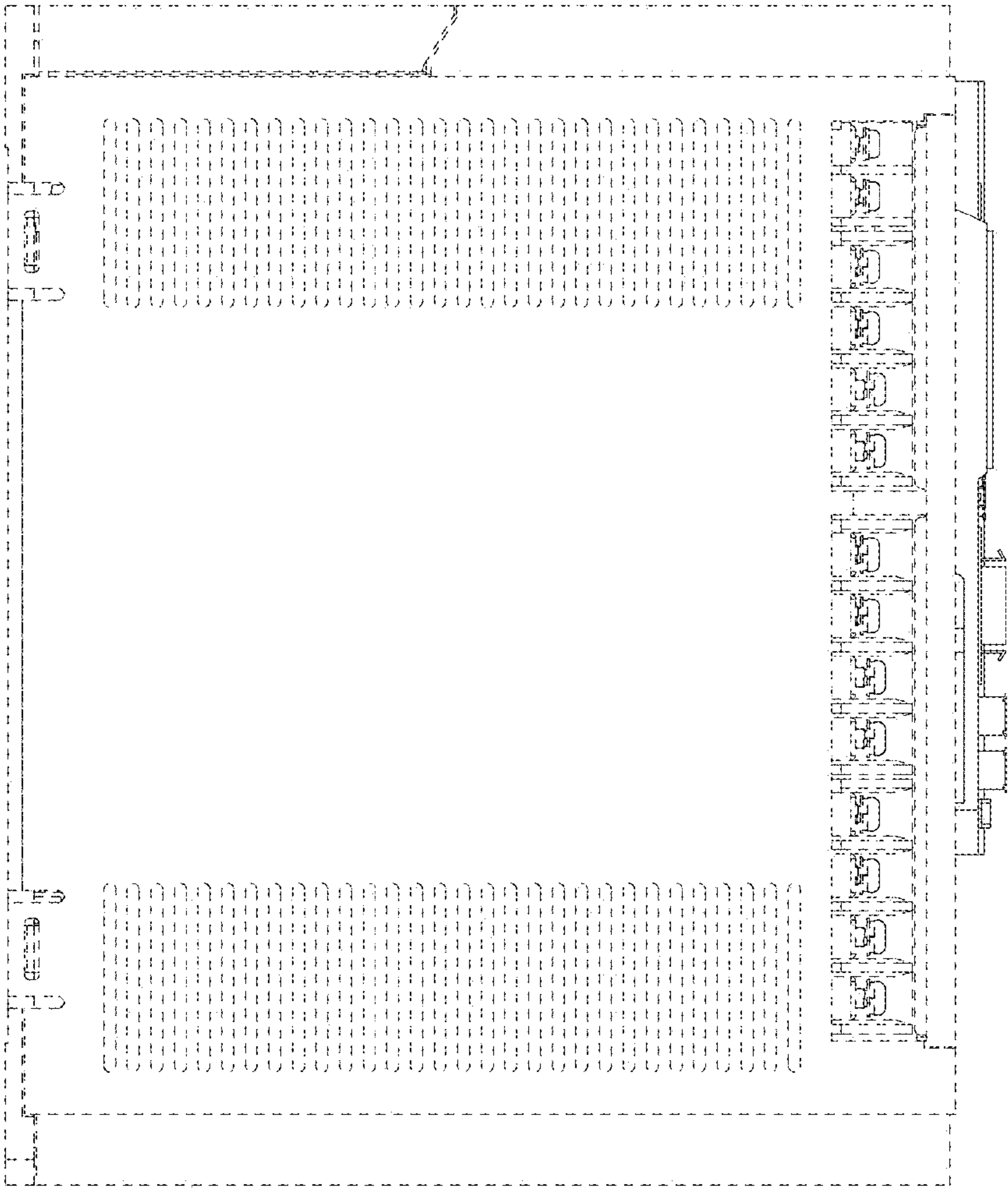


Fig. 5

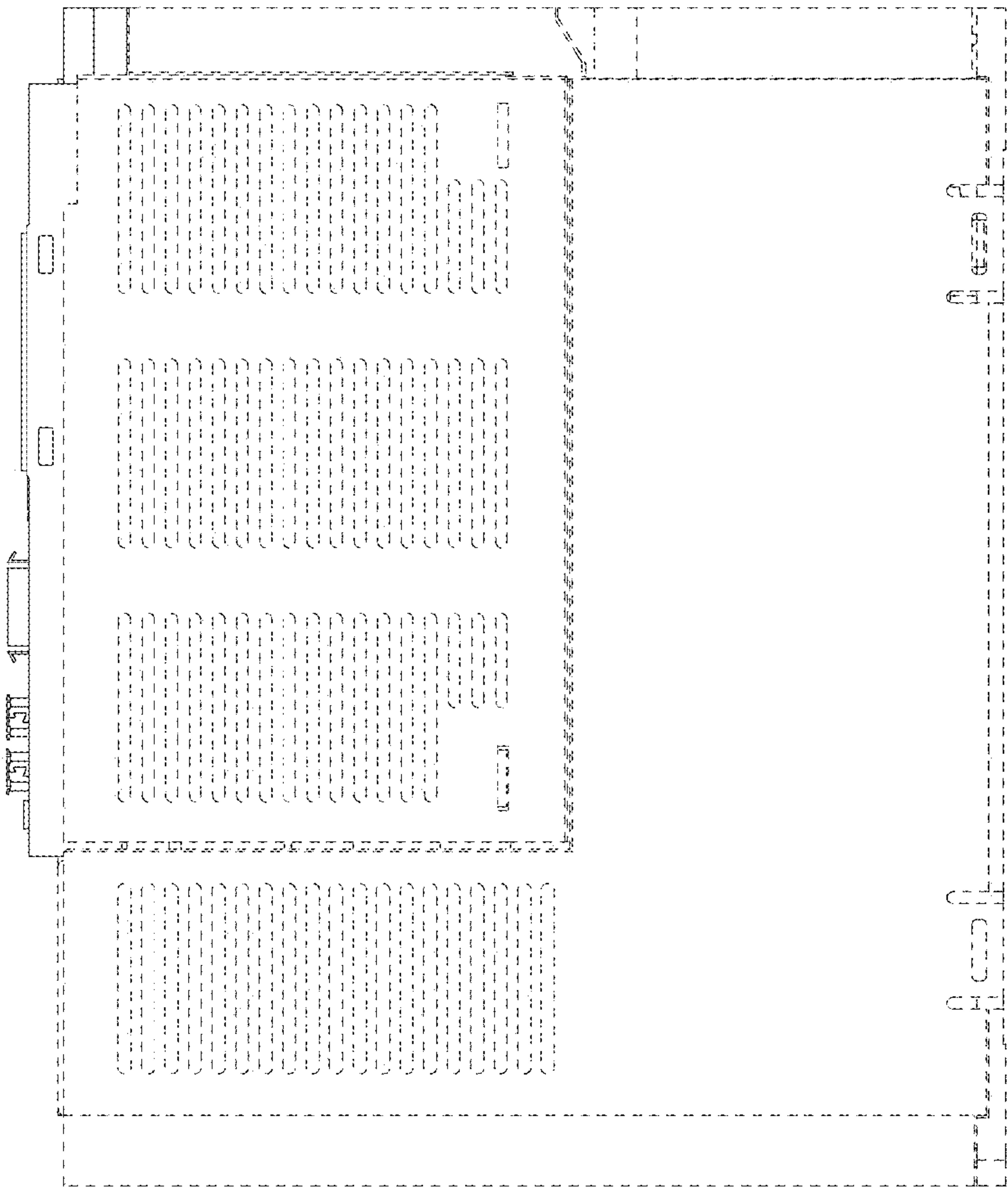


Fig. 6

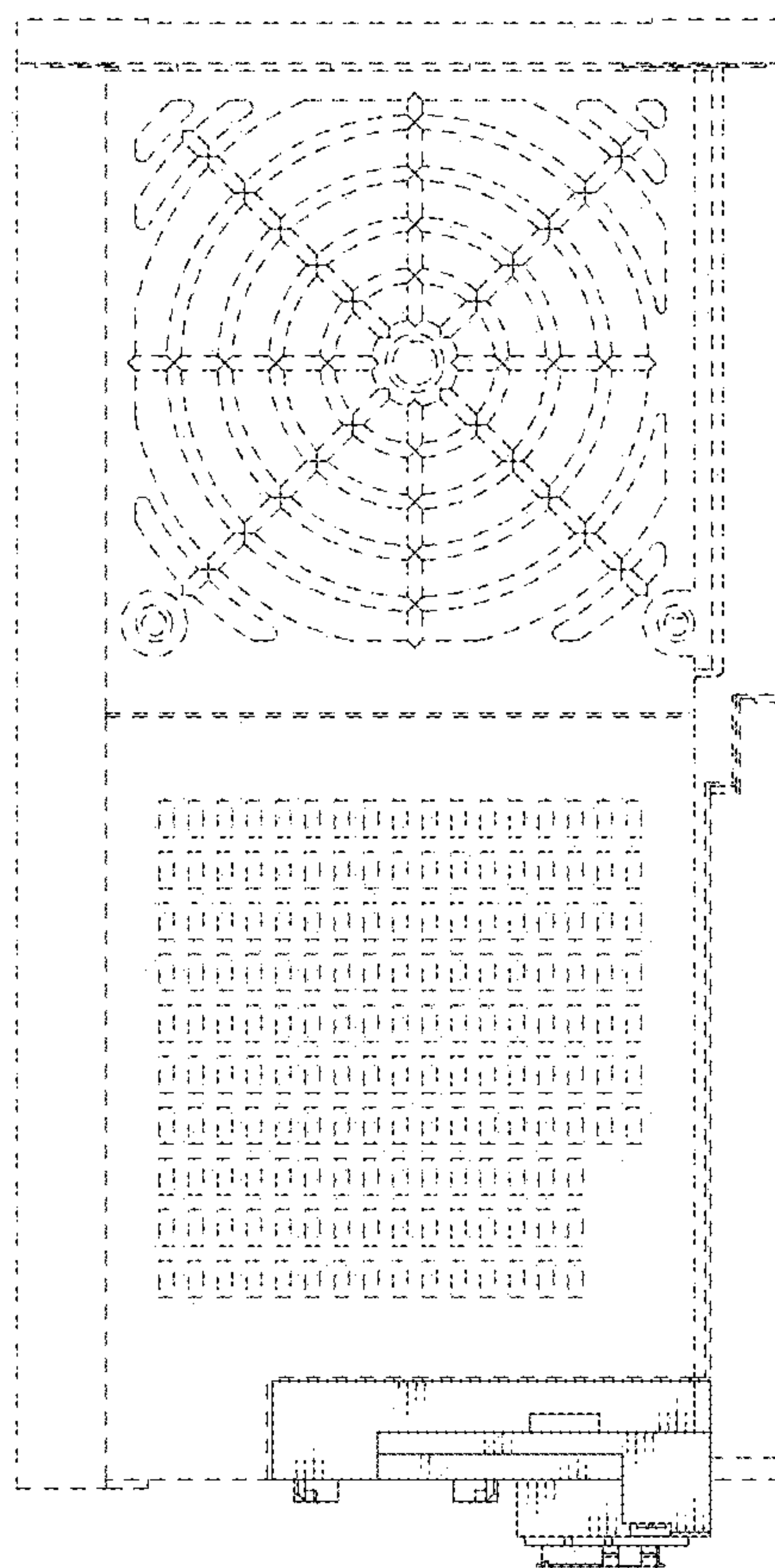


Fig. 7

