



US00D953274S

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

(10) **Patent No.:** **US D953,274 S**  
(45) **Date of Patent:** **\*\* May 31, 2022**

- (54) **SIGNAL TRANSFER DEVICE**
- (71) Applicant: **OMRON Corporation**, Kyoto (JP)
- (72) Inventors: **Hiroaki Ueda**, Otsu (JP); **Yoshimi Azuma**, Moriyama (JP); **Heita Nada**, Ritto (JP)
- (73) Assignee: **OMRON Corporation**, Kyoto (JP)
- (\*\*) Term: **15 Years**
- (21) Appl. No.: **29/674,893**
- (22) Filed: **Dec. 27, 2018**

D674,343	S	*	1/2013	Chen	.....	D13/112
D688,627	S	*	8/2013	Veeh	.....	D13/112
D691,566	S	*	10/2013	Hashimoto	.....	D13/158
D692,396	S	*	10/2013	Hashimoto	.....	D13/158
D726,127	S	*	4/2015	Gole	.....	D13/158
D783,537	S	*	4/2017	Skov	.....	D13/147
D853,962	S	*	7/2019	Kanarellis	.....	D13/110
D856,286	S	*	8/2019	Zhuang	.....	D13/158
D866,475	S	*	11/2019	Pan	.....	D13/146
D870,685	S	*	12/2019	Archer	.....	D13/184
D875,681	S	*	2/2020	Xu	.....	D13/110
D904,312	S	*	12/2020	Yamaji	.....	D13/147
D906,252	S	*	12/2020	Yamaji	.....	D13/147
D906,253	S	*	12/2020	Yamaji	.....	D13/147
D945,376	S	*	3/2022	Yamaji	.....	D13/147
2022/0073277	A1	*	3/2022	Ueda	.....	B65G 1/133

\* cited by examiner

- (30) **Foreign Application Priority Data**
- Jun. 28, 2018 (JP) ..... 2018-014322
- (51) **LOC (13) Cl.** ..... **13-03**
- (52) **U.S. Cl.**
- USPC ..... **D13/147**
- CPC ..... **H01R 12/592** (2013.01)
- (58) **Field of Classification Search**
- USPC ..... D13/133, 137.1, 137.2, 137.3, 137.4,  
D13/138.1, 138.2, 139.1, 139.2, 139.7,  
D13/139.8, 146, 147, 154, 155, 199
- CPC ..... H01R 12/592; H01R 13/62; H01R 24/00;  
H01R 25/00
- See application file for complete search history.

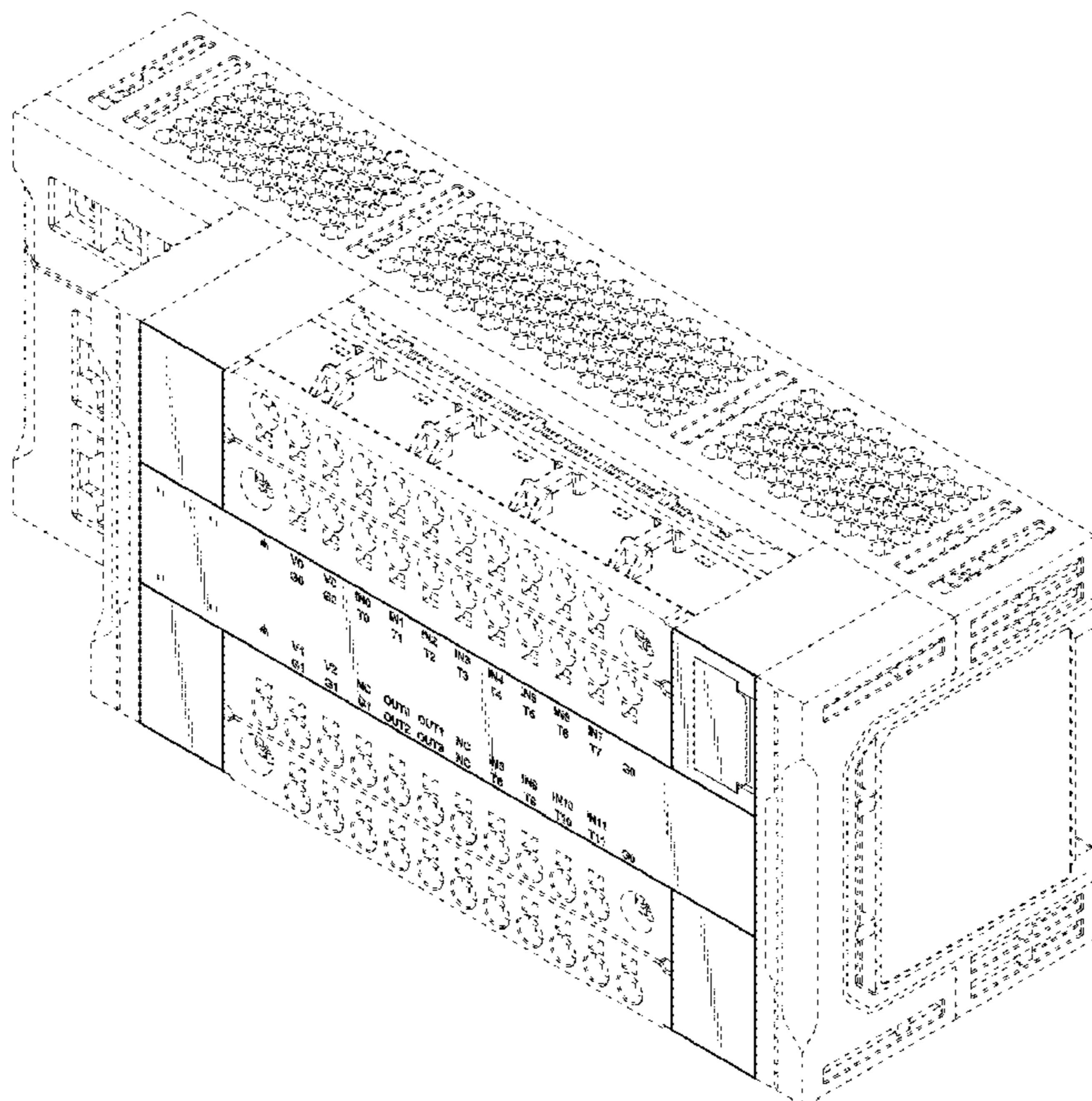
*Primary Examiner* — Richard E Chilcot  
(74) *Attorney, Agent, or Firm* — Capitol City TechLaw

- (56) **References Cited**
- U.S. PATENT DOCUMENTS
- D272,446 S \* 1/1984 Dellecave ..... D13/169
- D490,060 S \* 5/2004 Green ..... D13/164
- D566,062 S \* 4/2008 Schnackenberg ..... D13/184
- D593,962 S \* 6/2009 Ross ..... D13/162
- D653,224 S \* 1/2012 Jonas ..... D14/308

(57) **CLAIM**  
The ornamental design for a signal transfer device, as shown and described.

**DESCRIPTION**  
FIG. 1 is a front, top, and right side perspective view of a signal transfer device 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 dashed broken lines in the figures show portions of the signal transfer device that form no part of the claimed design.

**1 Claim, 6 Drawing Sheets**



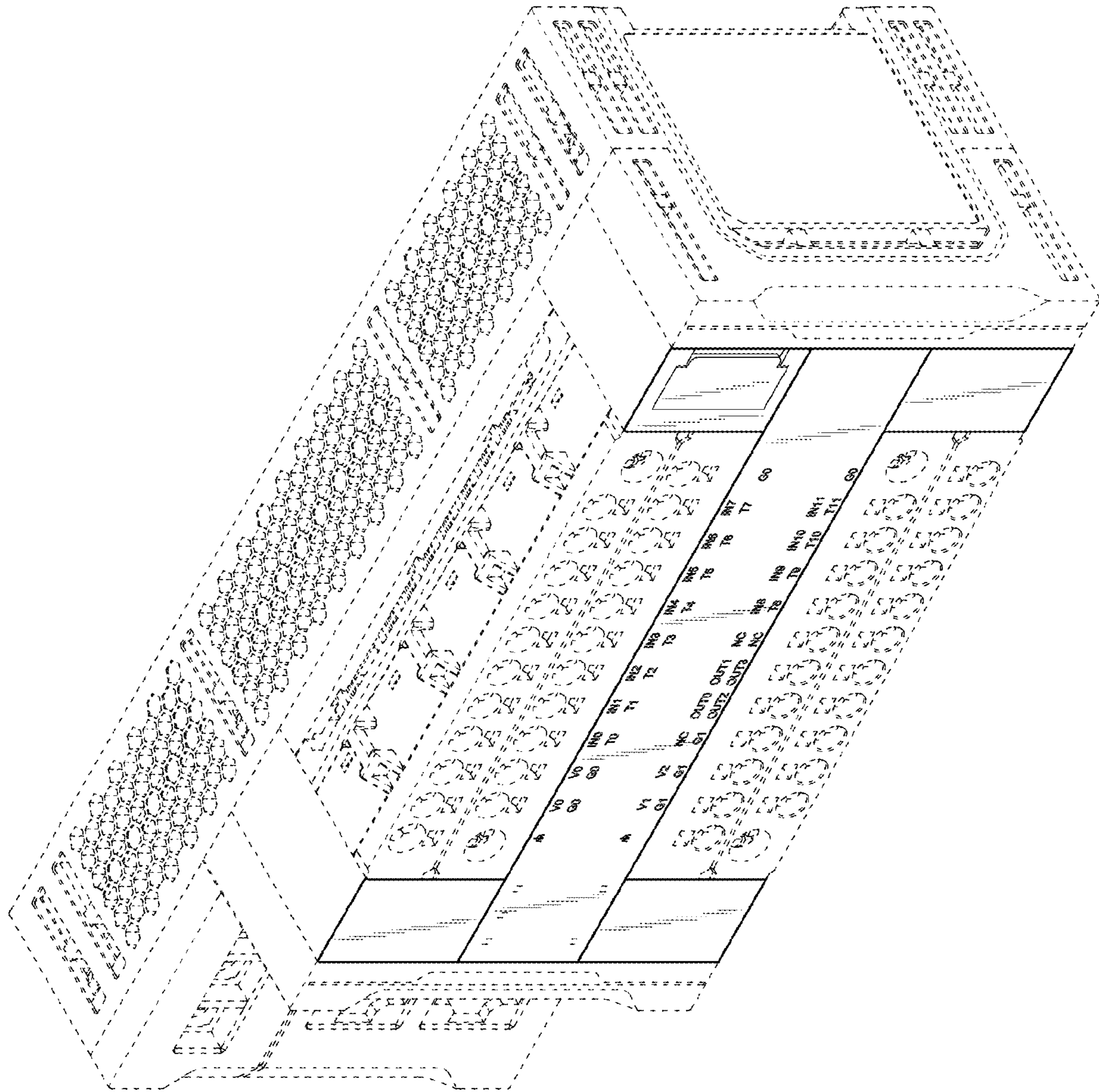
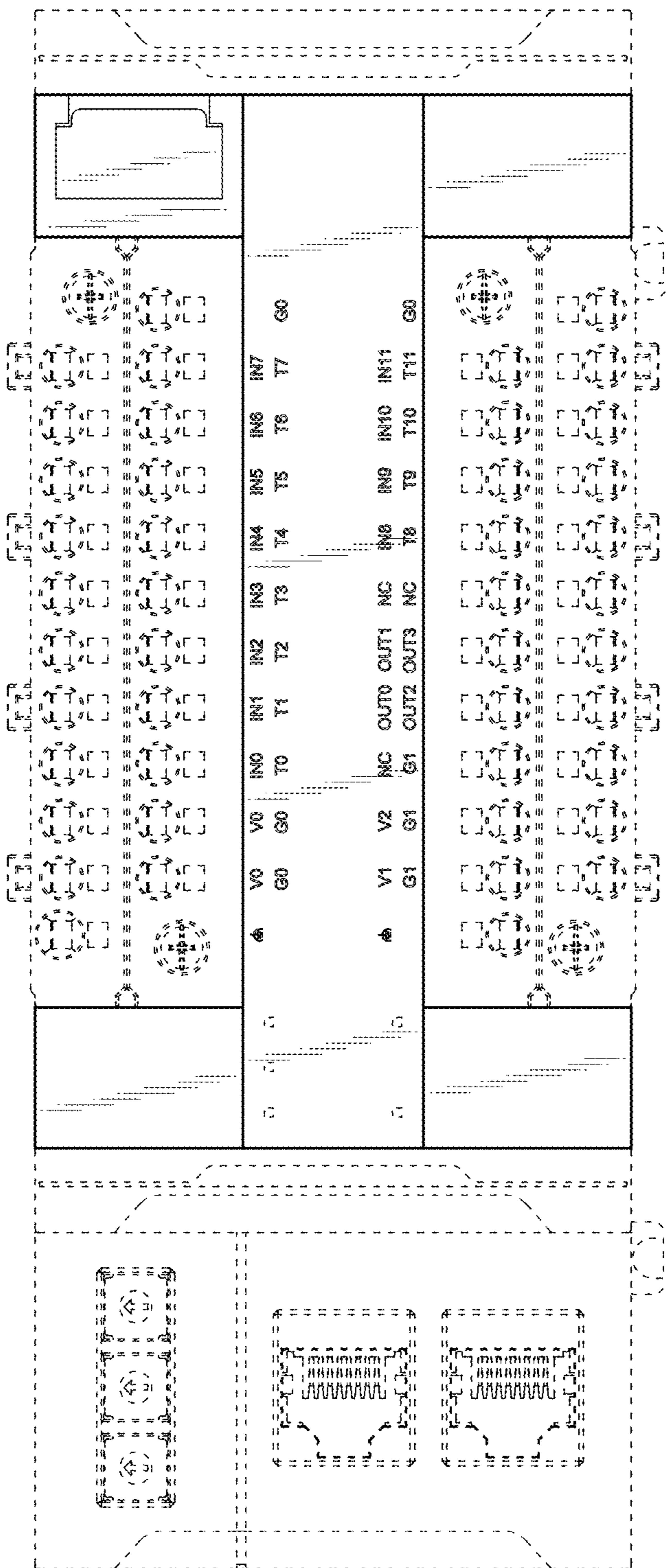


Fig. 1

Fig. 2



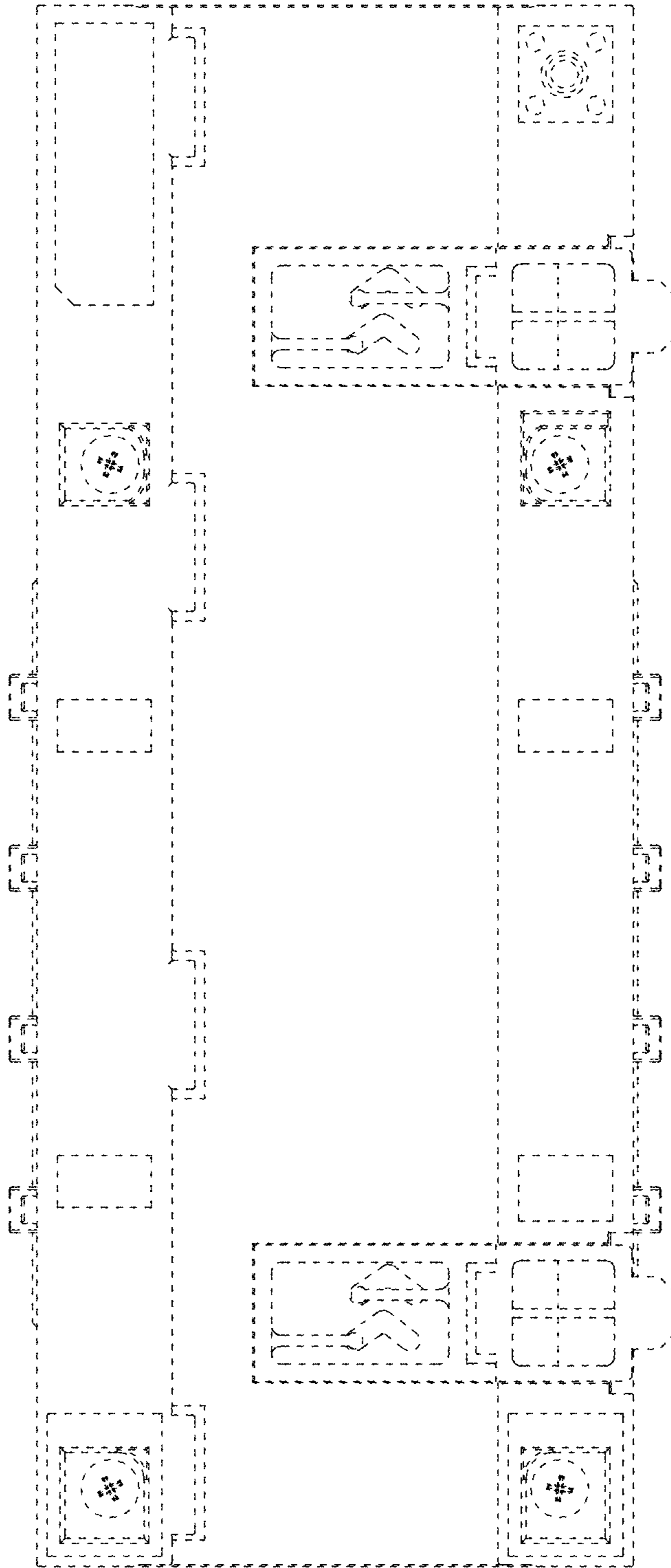


Fig. 3

Fig. 5

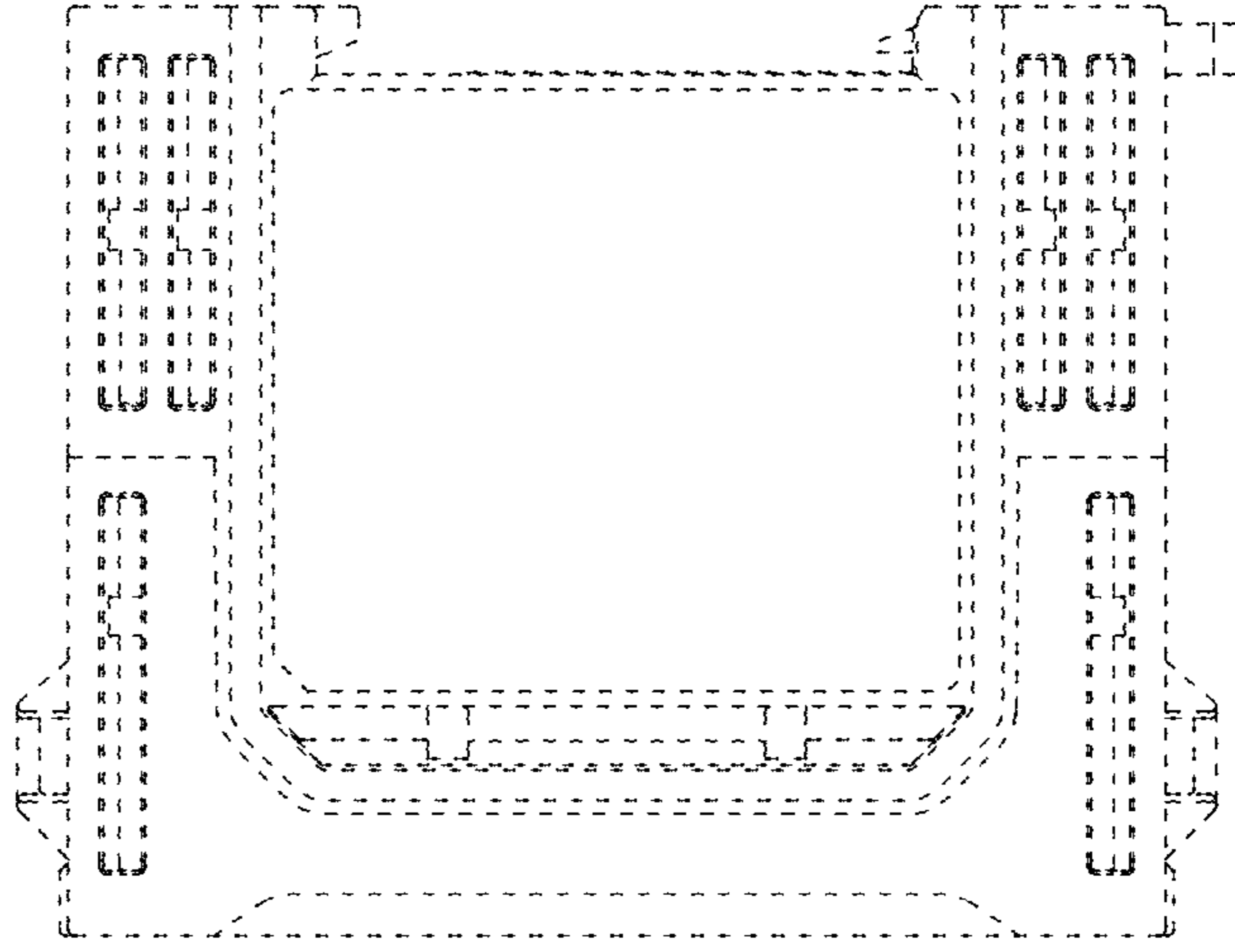
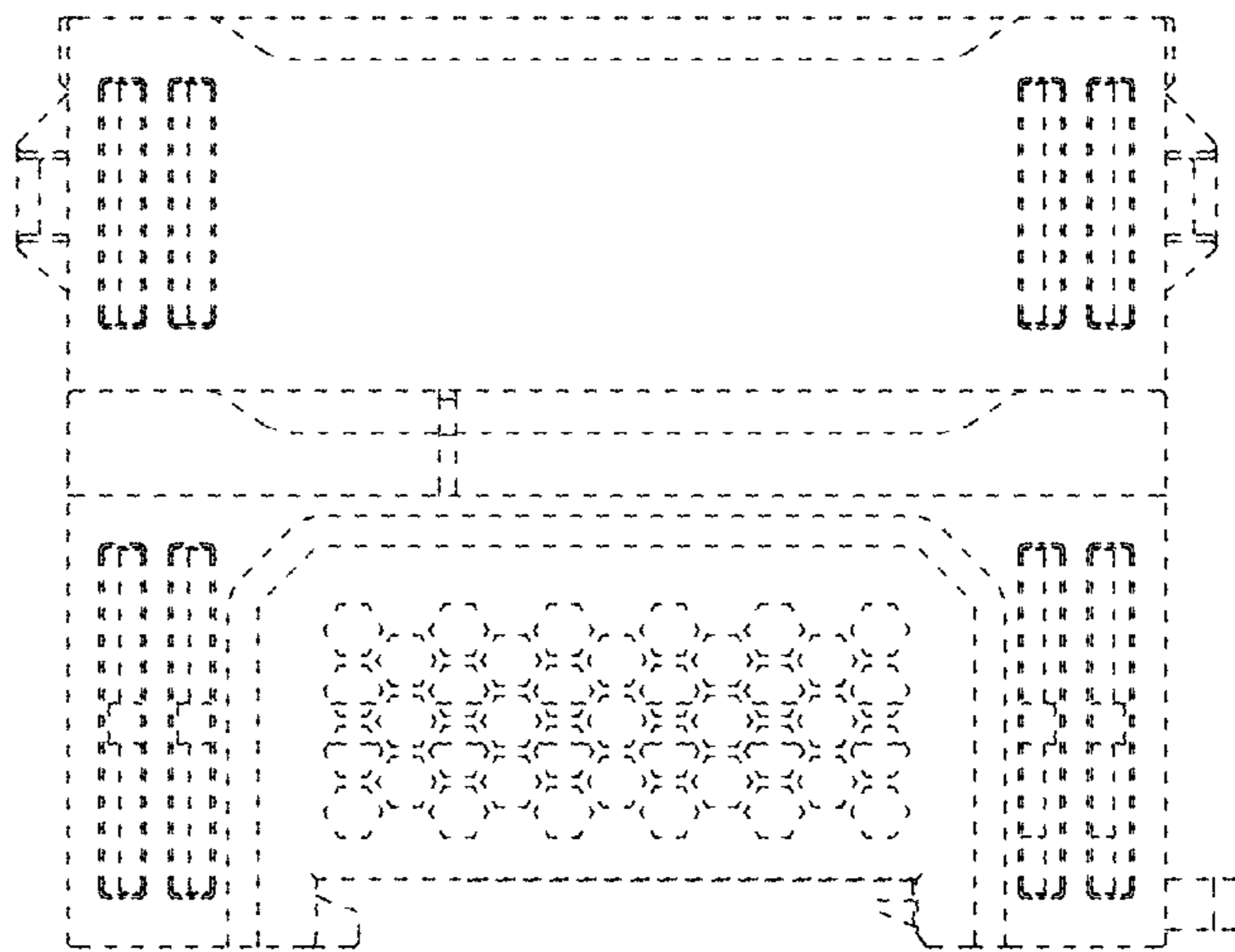


Fig. 4



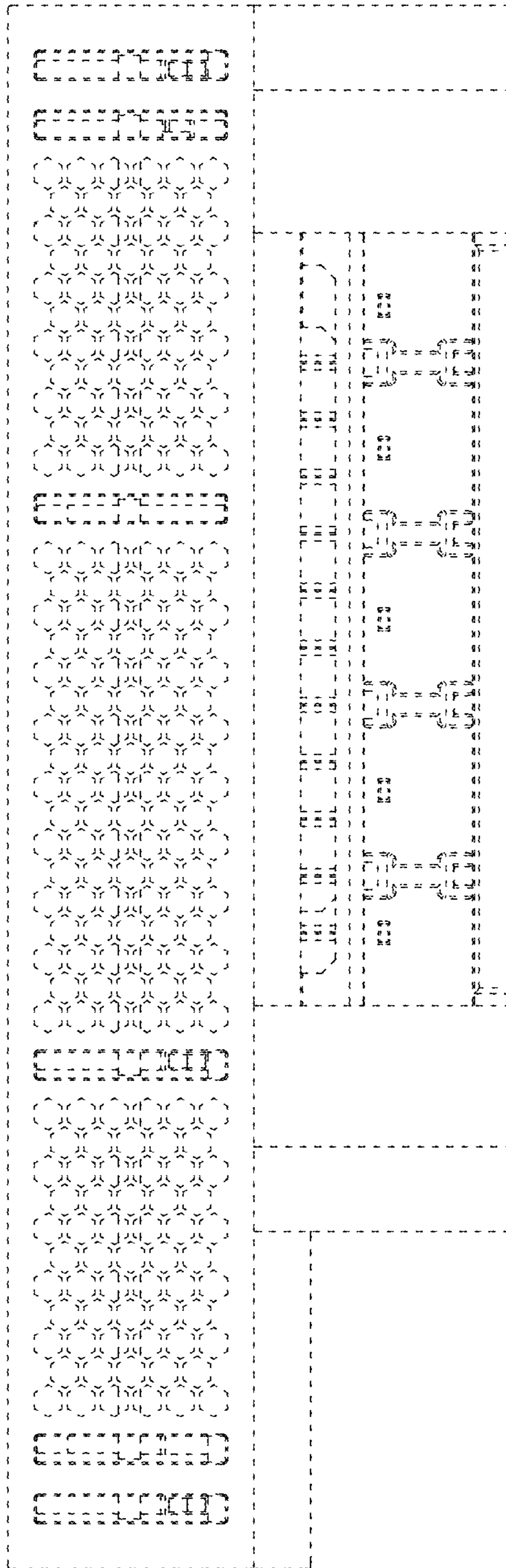


Fig. 6

Fig. 7

