



US00D876406S

(12) **United States Design Patent** (10) **Patent No.:** **US D876,406 S**  
**Yang** (45) **Date of Patent:** **\*\* Feb. 25, 2020**

(54) **MICRO LED DISPLAY MODULE FRAME**

(71) Applicant: **LUMENS CO., LTD.**, Yongin-si, Gyeonggi-do (KR)

(72) Inventor: **Junsuk Yang**, Yongin-si (KR)

(73) Assignee: **LUMENS CO., LTD.**, Yongin-si (KR)

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

(21) Appl. No.: **29/656,571**

(22) Filed: **Jul. 13, 2018**

(30) **Foreign Application Priority Data**

Jul. 13, 2018 (KR) ..... 30-2018-0032336

(51) **LOC (12) Cl.** ..... **14-03**

(52) **U.S. Cl.**  
USPC ..... **D14/239**

(58) **Field of Classification Search**  
USPC ..... D13/180, 184; D8/353, 354, 380, 381, D8/384, 385, 394; D14/224, 239, 247, D14/251, 448  
CPC . G06F 9/3026; G06F 3/1446; G09G 2380/16; H05K 5/0021; H05K 5/0204  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

- 7,746,381 B1 \* 6/2010 Ye ..... G06F 3/1446 348/207.99
- D684,146 S \* 6/2013 Stifal ..... D14/239
- 9,279,573 B1 \* 3/2016 Perez-Bravo ..... G09F 7/20
- 9,477,438 B1 \* 10/2016 Hochman ..... G09G 5/02
- D776,095 S \* 1/2017 Brown ..... D14/239
- D819,613 S \* 6/2018 Trachtenberg ..... D14/239
- D835,082 S \* 12/2018 So ..... D14/239
- 2004/0255496 A1 \* 12/2004 Youn ..... G09F 9/33 40/544
- 2011/0019348 A1 \* 1/2011 Kludt ..... F16B 2/12 361/679.01

- 2013/0269882 A1 \* 10/2013 Bauman ..... G06F 3/1423 160/135
- 2016/0210886 A1 \* 7/2016 Brashnyk ..... G09F 9/3026
- 2016/0348854 A1 \* 12/2016 Wu ..... G09F 13/00
- 2017/0127539 A1 \* 5/2017 Drabant ..... H05K 5/0017
- 2017/0186345 A1 \* 6/2017 Hemphill ..... G09F 9/3026
- 2019/0179592 A1 \* 6/2019 Hyeon ..... G06F 3/1446
- 2019/0191574 A1 \* 6/2019 Kim ..... F16B 5/0664

**OTHER PUBLICATIONS**

See-through LED Transparent Display; 1 pg; search done on Oct. 17, 2019; <https://www.elecosn.com/ShowProducts.asp?ID=62&ClassID=1>.\*

\* cited by examiner

*Primary Examiner* — Selina Sikder

(74) *Attorney, Agent, or Firm* — Mei & Mark LLP

(57) **CLAIM**

The ornamental design for a micro LED display module frame, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of the ornamental design of the present invention;  
 FIG. 2 is a front view of the ornamental design of the present invention;  
 FIG. 3 is a rear view of the ornamental design of the present invention;  
 FIG. 4 is a left side view of the ornamental design of the present invention;  
 FIG. 5 is a right side view of the ornamental design of the present invention;  
 FIG. 6 is a top view of the ornamental design of the present invention; and,  
 FIG. 7 is a bottom view of the ornamental design of the present invention.

**1 Claim, 4 Drawing Sheets**

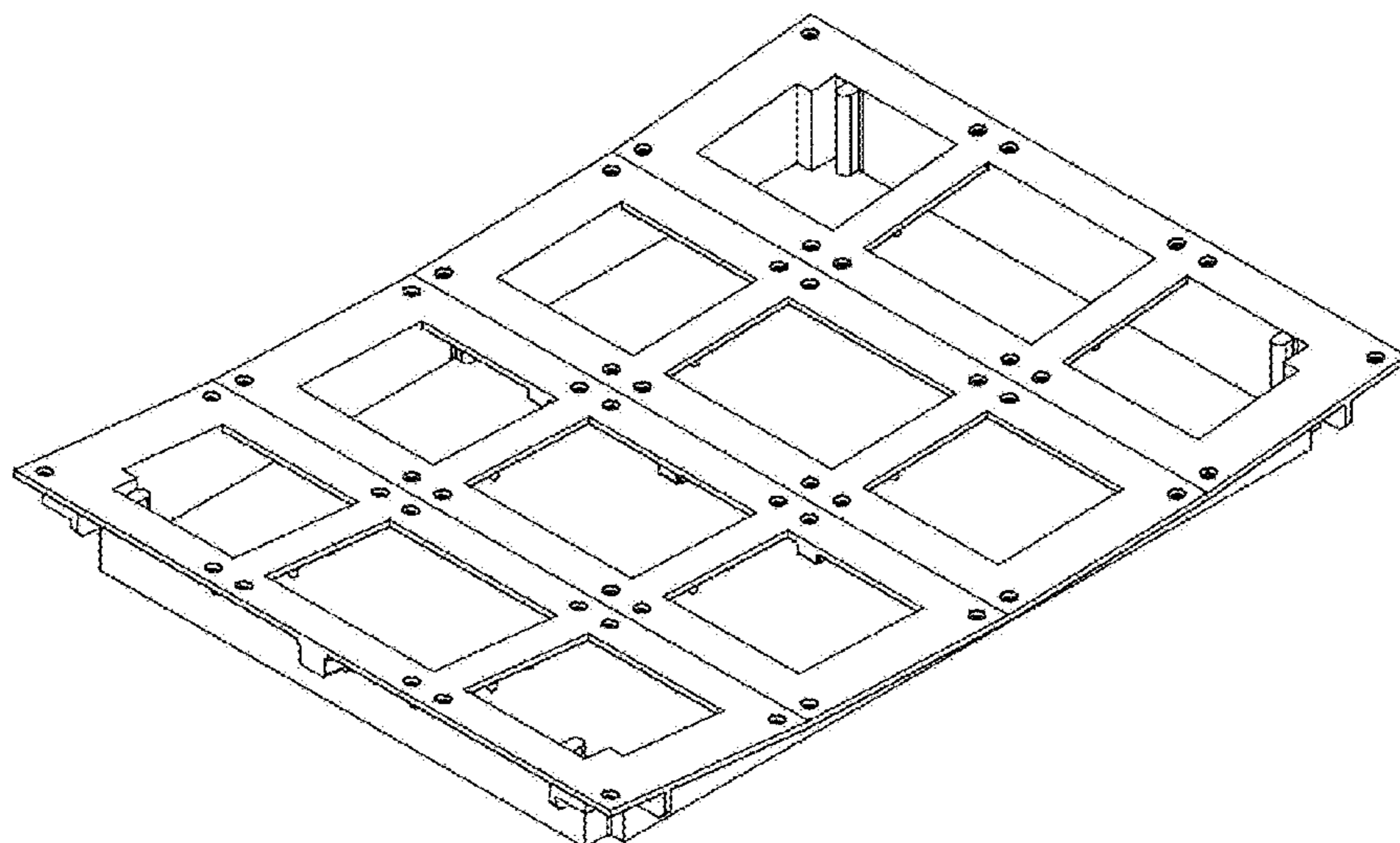


Fig. 1

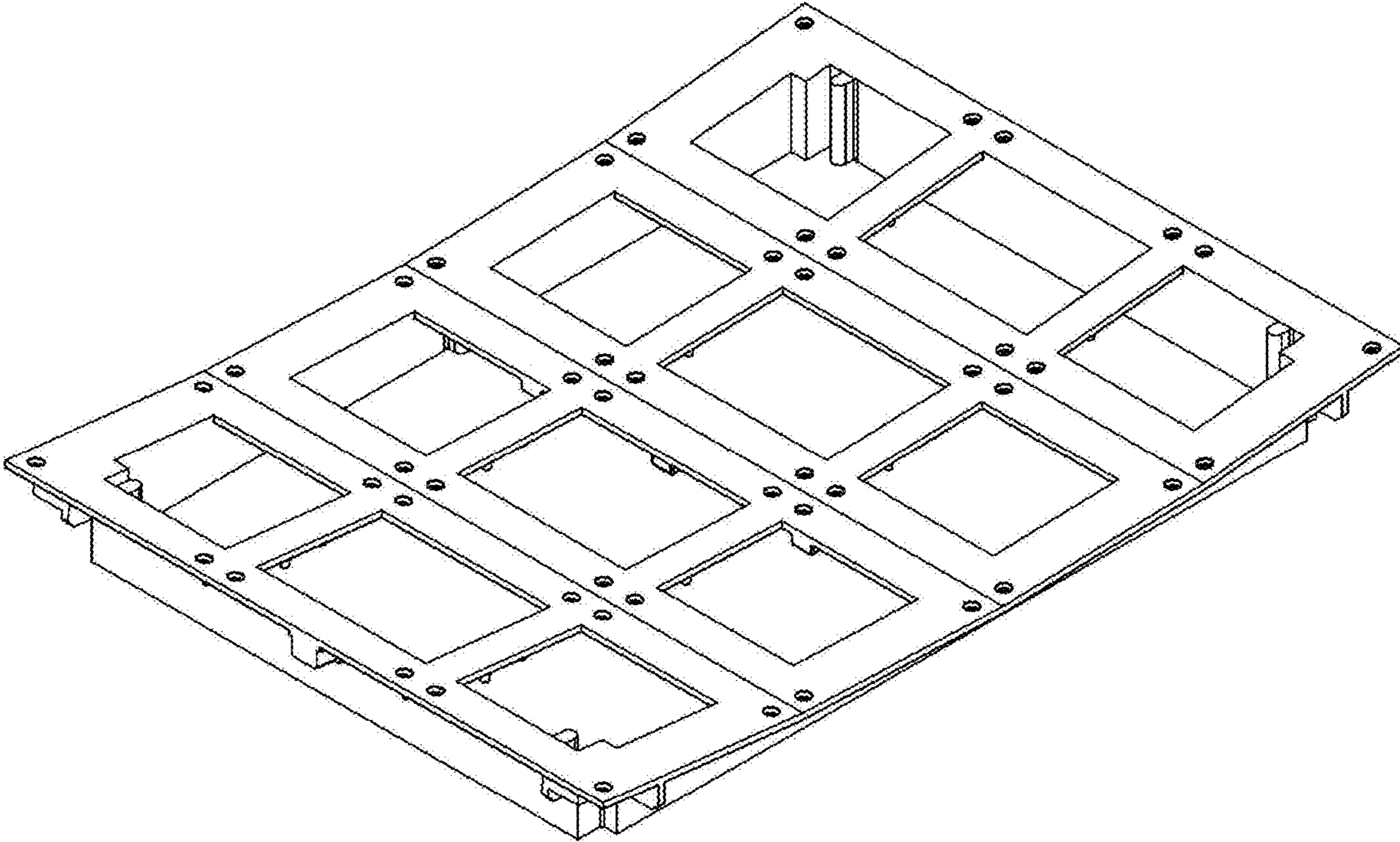


Fig. 2

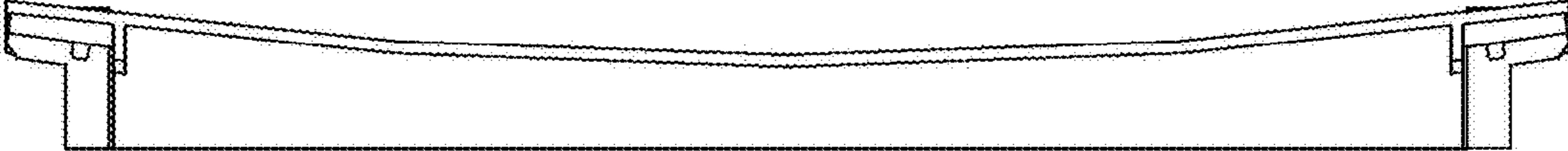
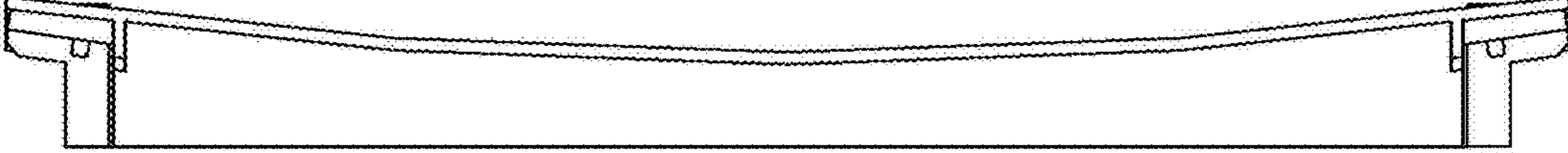
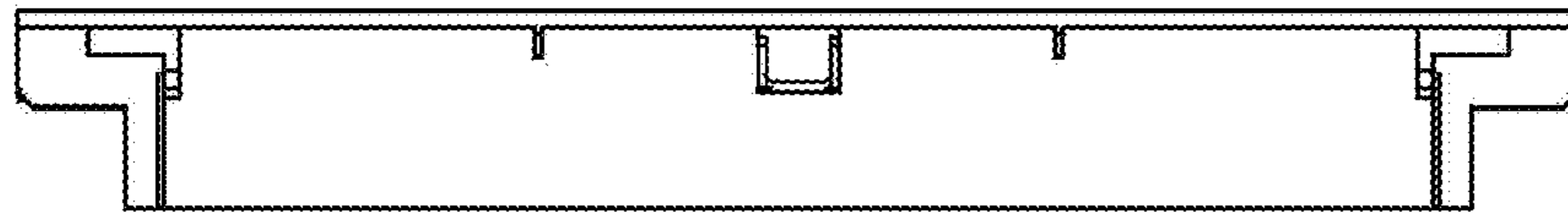


Fig. 3



**Fig. 4**



**Fig. 5**

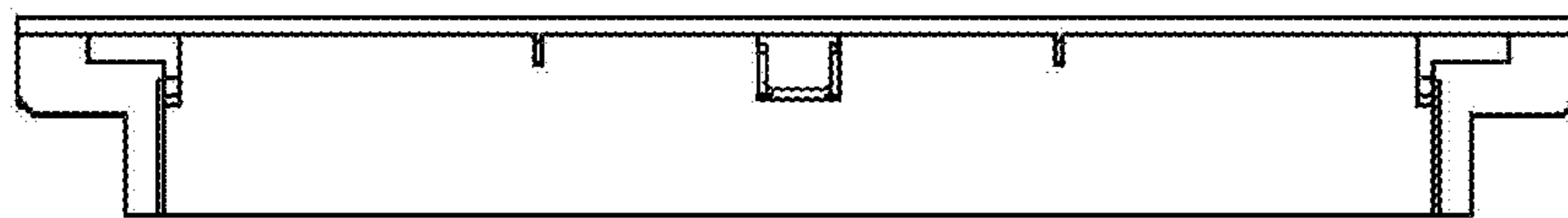


Fig. 6

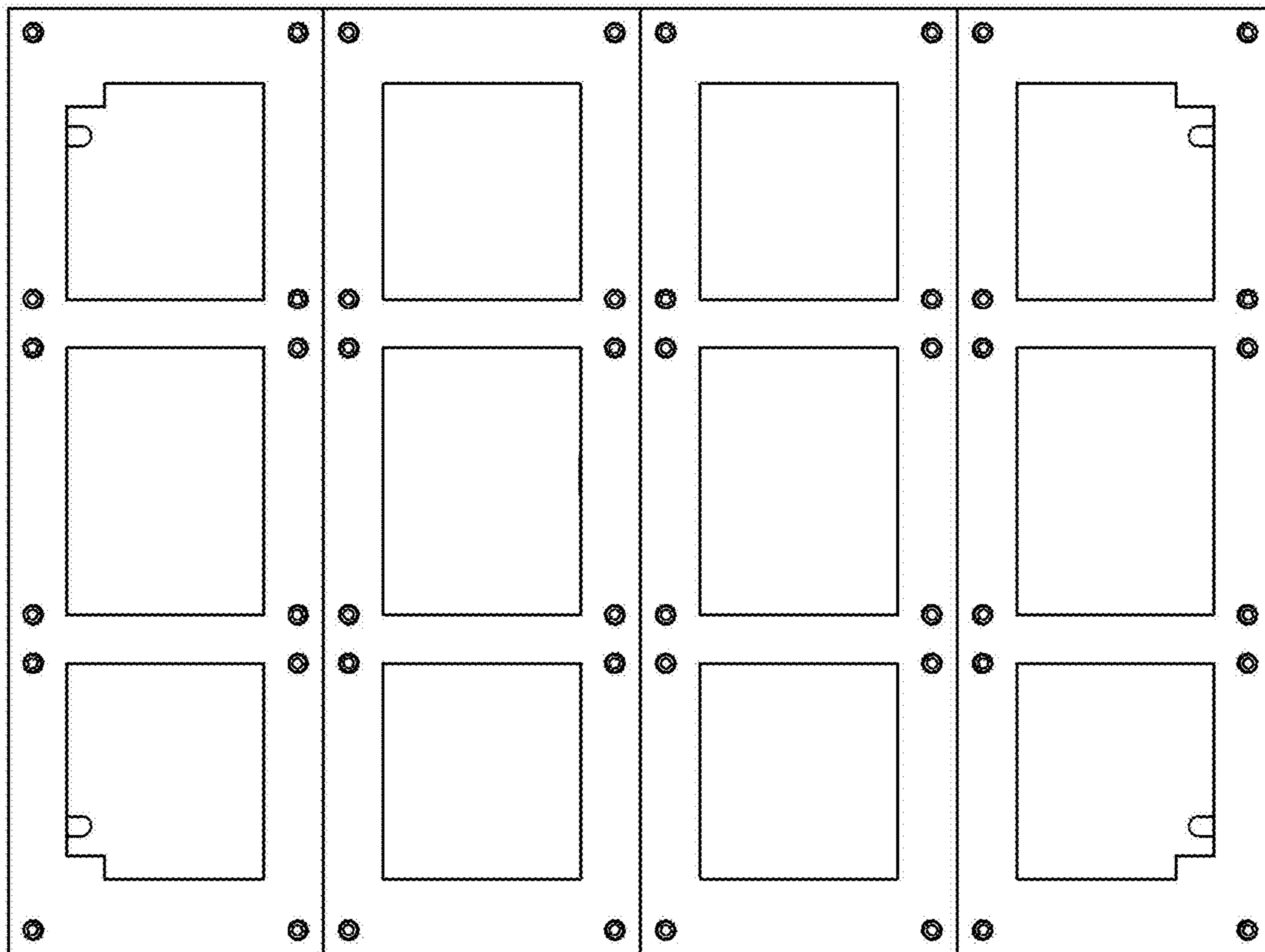




Fig. 7

