



US00D400180S

# United States Patent [19] Shimizu

[11] Patent Number: **Des. 400,180**

[45] Date of Patent: **\*\*Oct. 27, 1998**

## [54] PROGRAMMABLE LOGIC CONTROLLER

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[73] Assignee: **Facts Engineering, Inc.**, New Port Richey, Fla.

[\*\*] Term: **14 Years**

[21] Appl. No.: **59,404**

[22] Filed: **Sep. 10, 1996**

### [30] Foreign Application Priority Data

May 30, 1996 [JP] Japan ..... 8-15509

[51] LOC (6) Cl. .... **13-03**

[52] U.S. Cl. .... **D13/162.1**

[58] Field of Search ..... D13/162.1; 361/686,  
361/752, 600, 601, 627, 641

### [56] References Cited

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*Primary Examiner*—Brian N. Vinson  
*Attorney, Agent, or Firm*—Woodard, Emhardt, Naughton, Moriarty & McNett

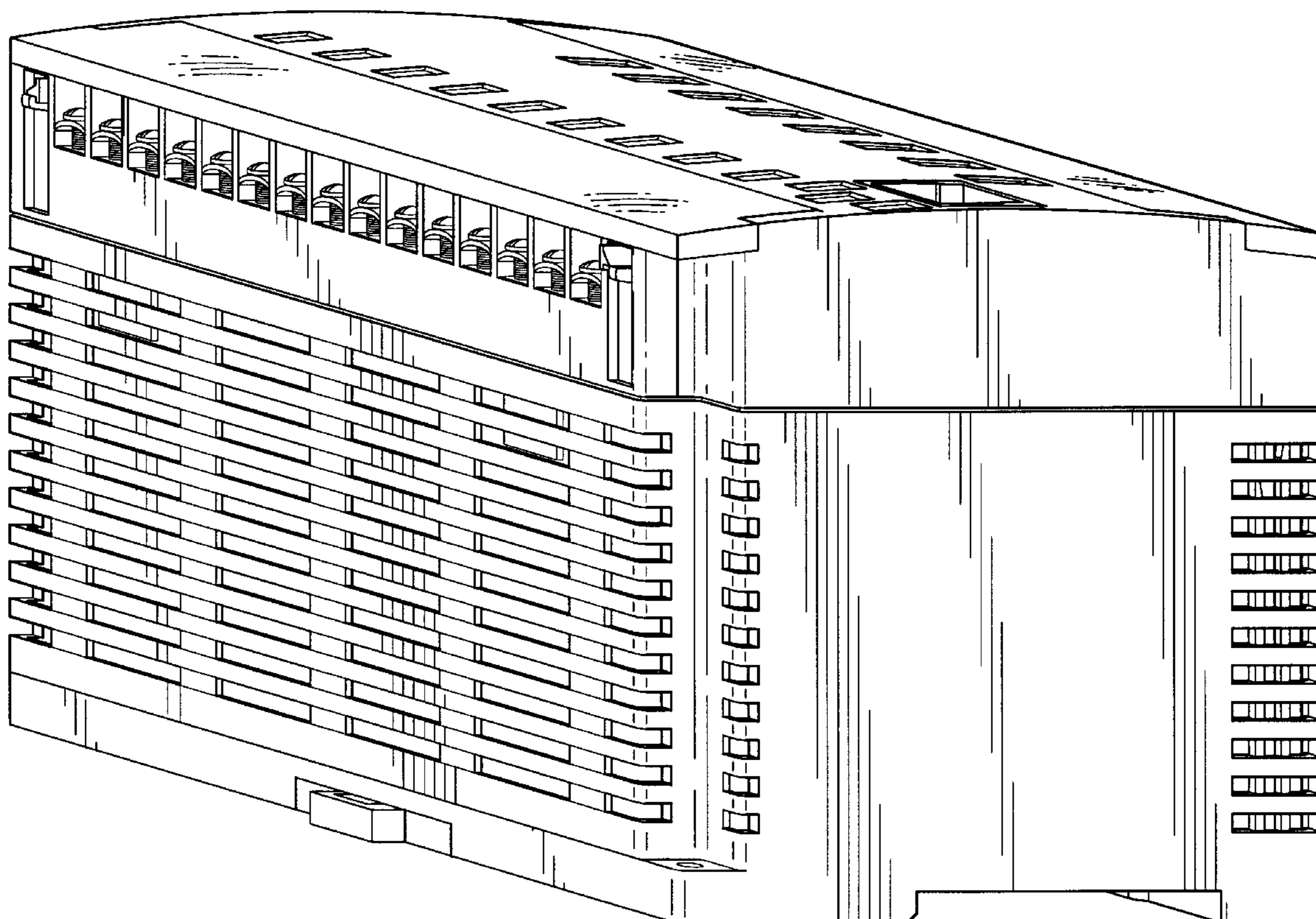
### [57] CLAIM

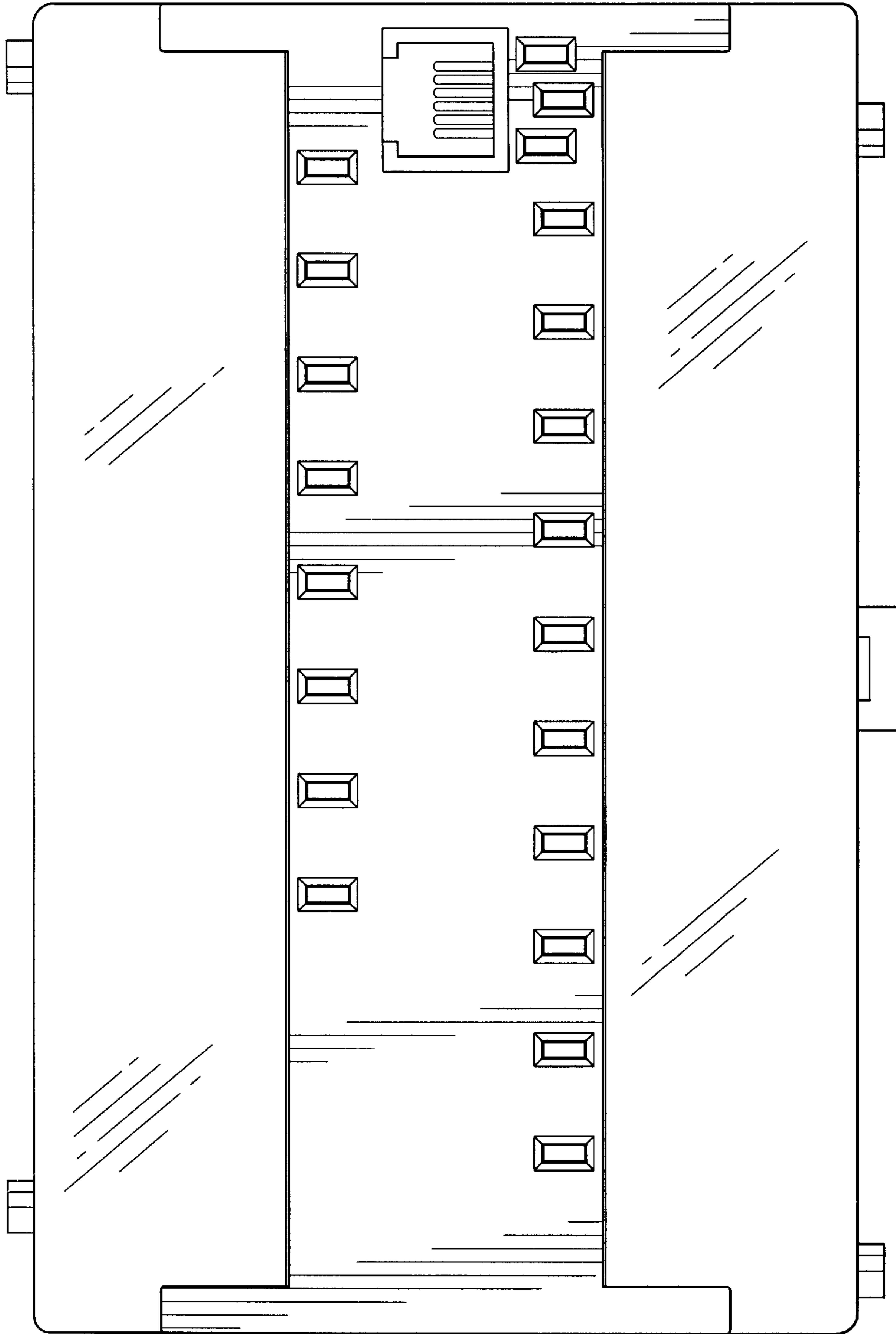
The ornamental design for a programmable logic controller, as shown and described.

### DESCRIPTION

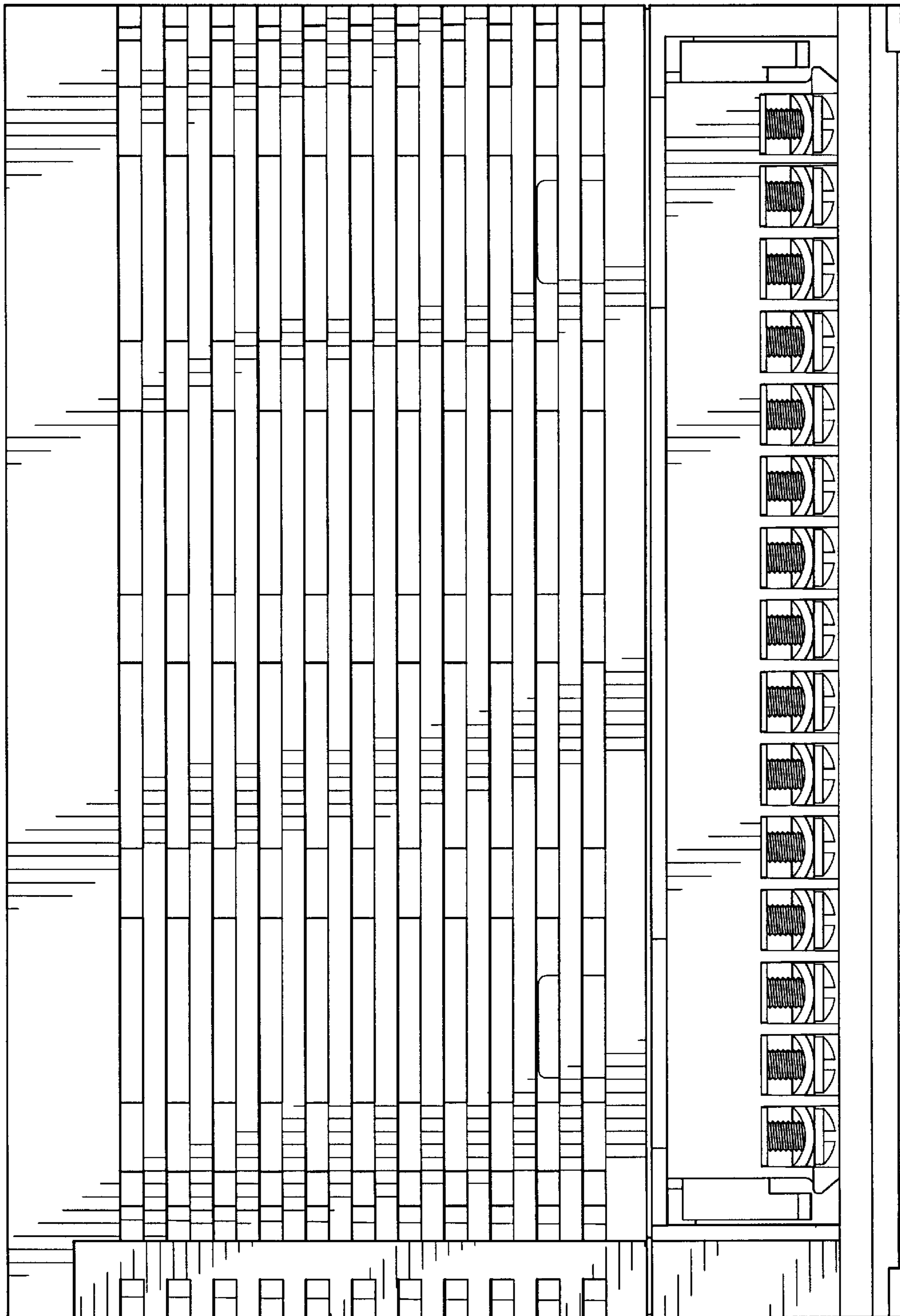
FIG. 1 is a front view of the controller incorporating my new design;  
 FIG. 2 is a top view;  
 FIG. 3 is a rear view;  
 FIG. 4 is a right side view;  
 FIG. 5 is a left side view;  
 FIG. 6 is a bottom view; and,  
 FIG. 7 is a perspective view of the controller of FIG. 1 viewed from the lower right hand corner.

**1 Claim, 7 Drawing Sheets**

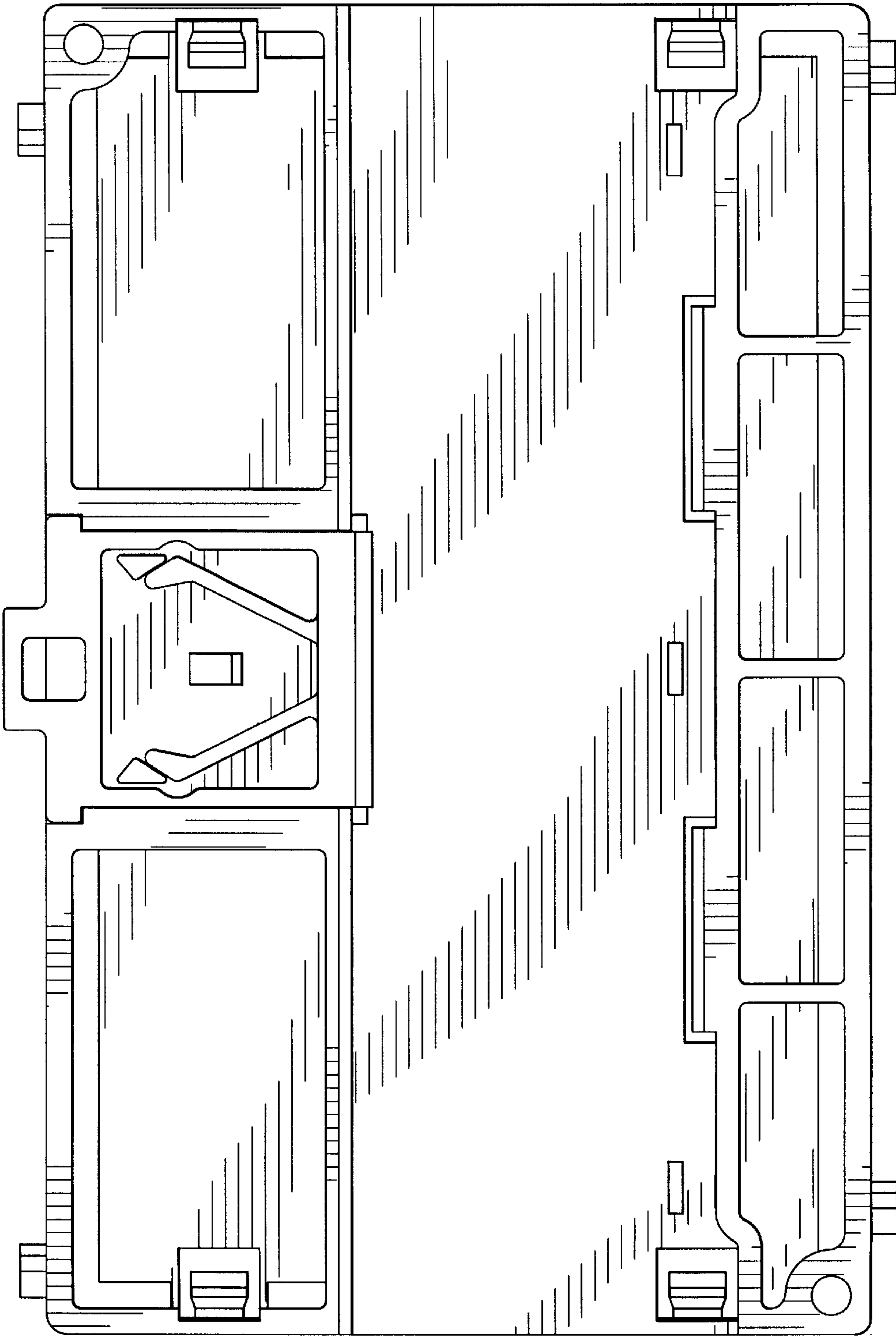




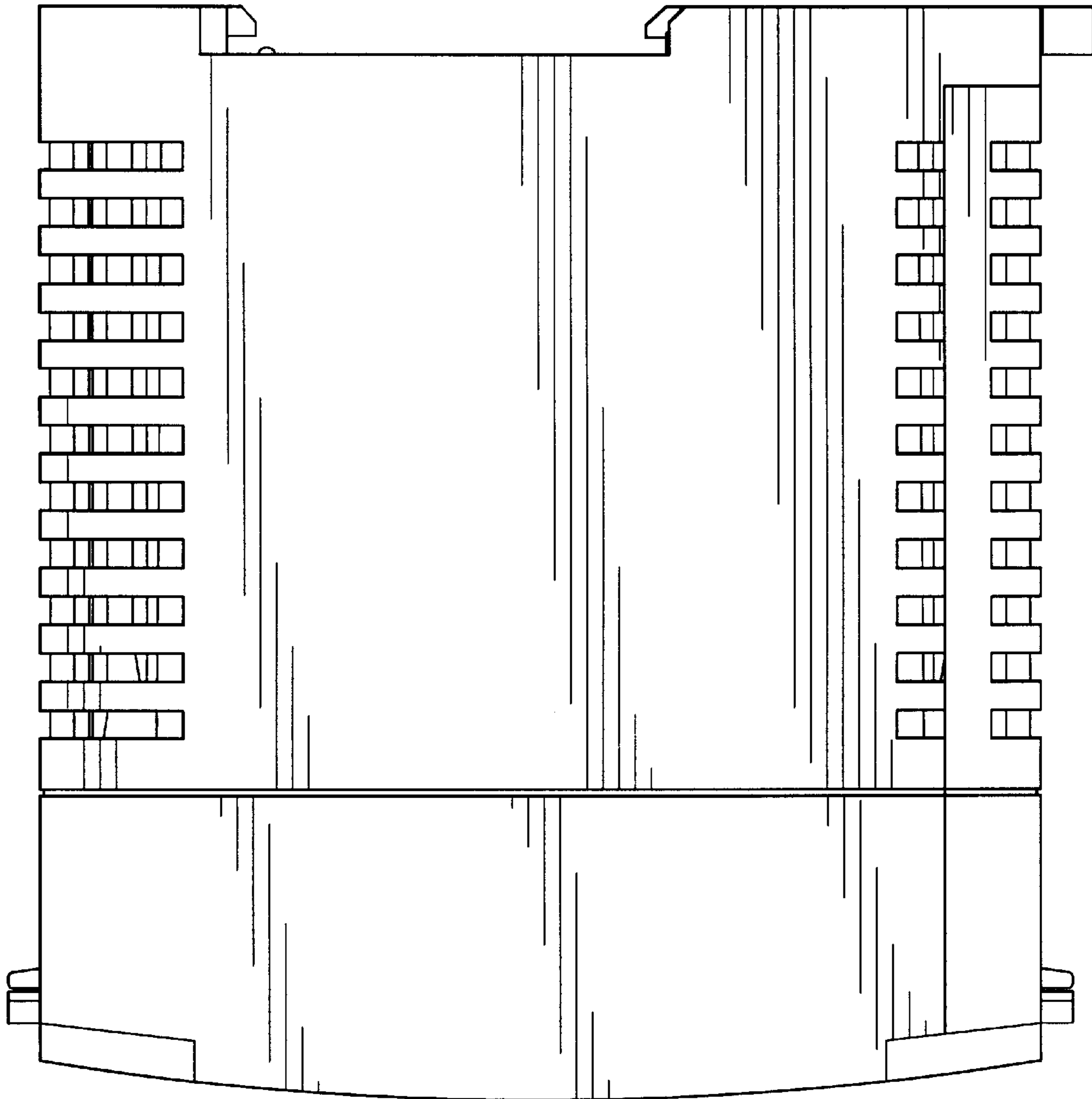
**Fig. 1**



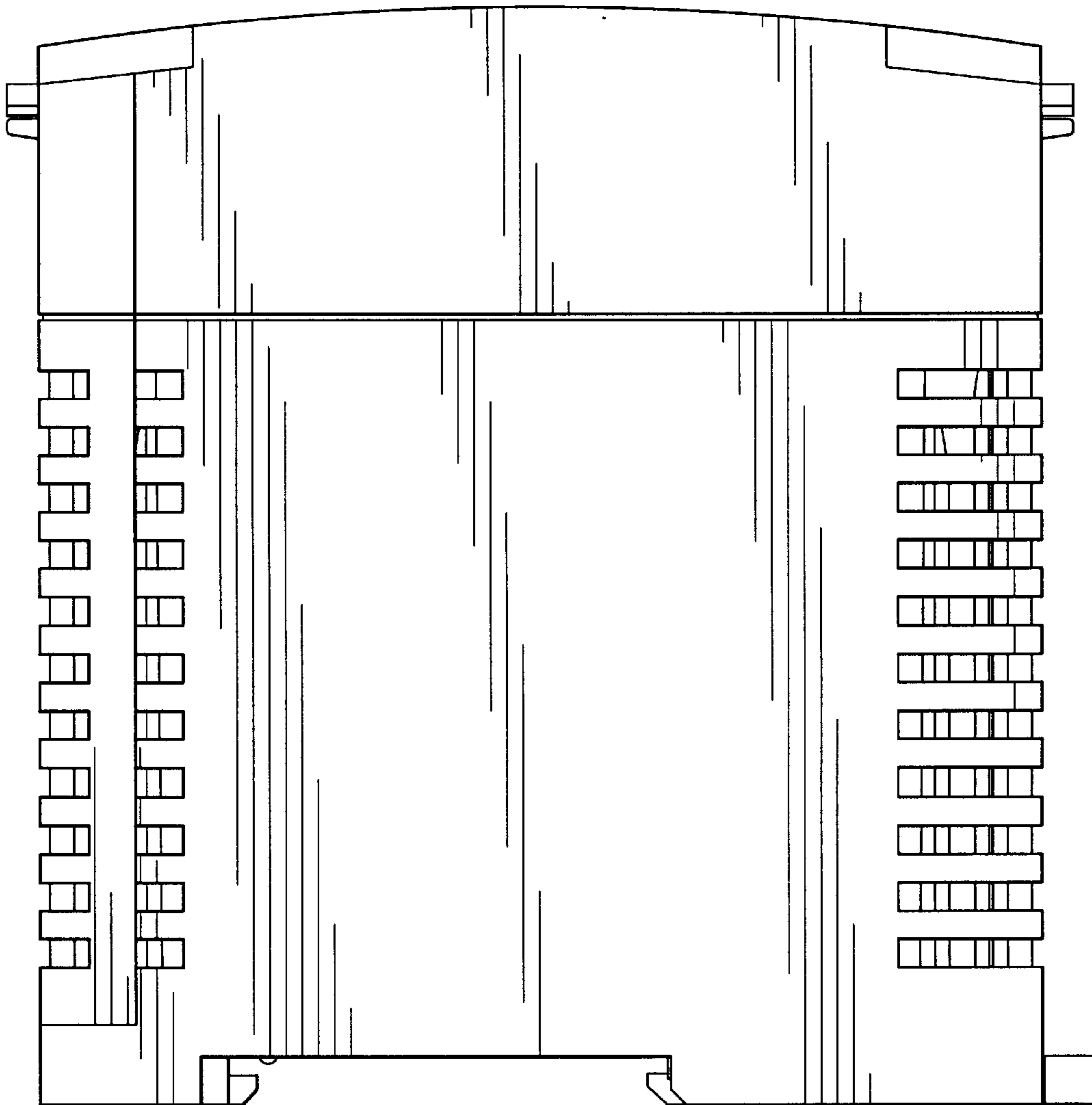
**Fig. 2**



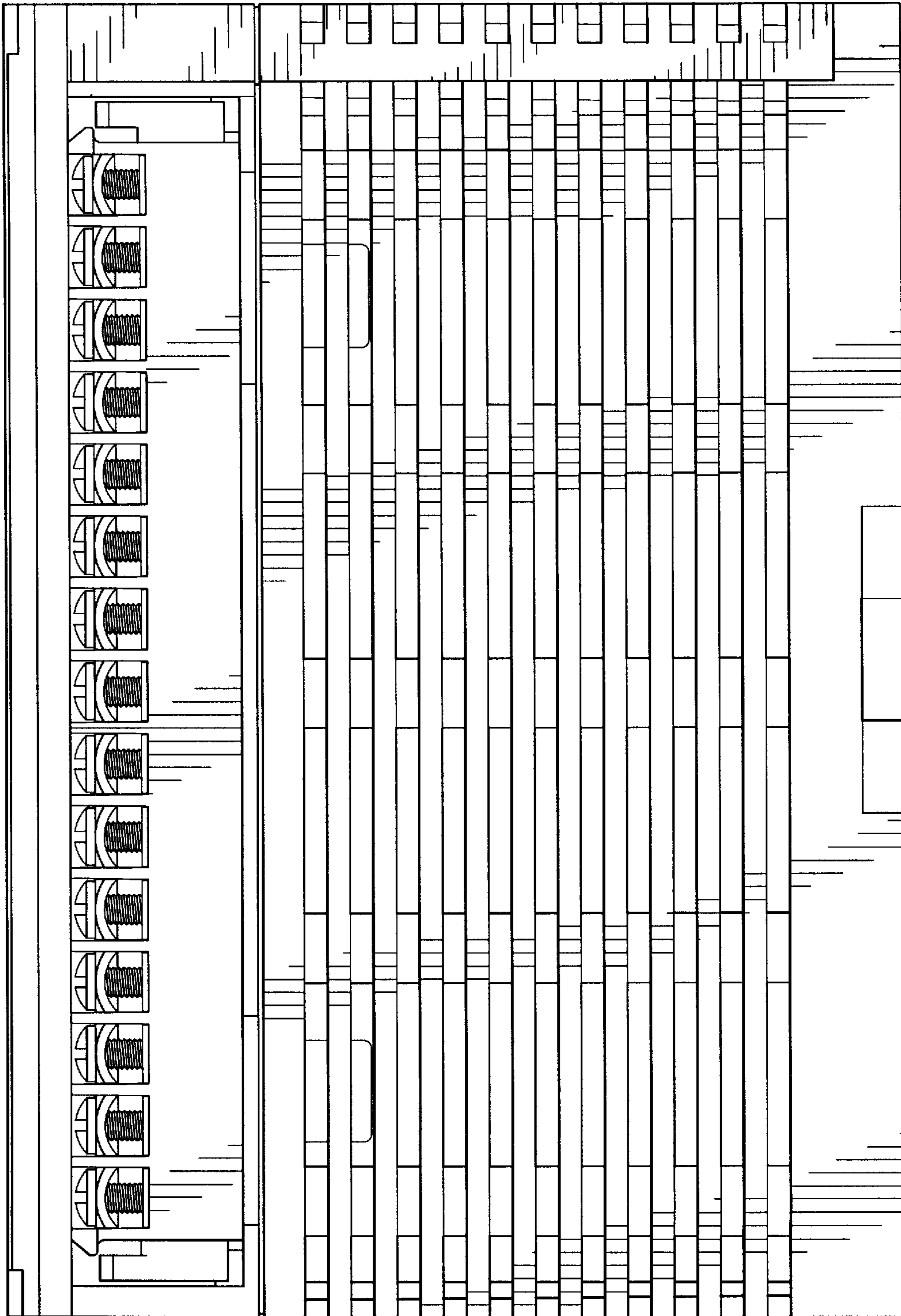
**Fig. 3**



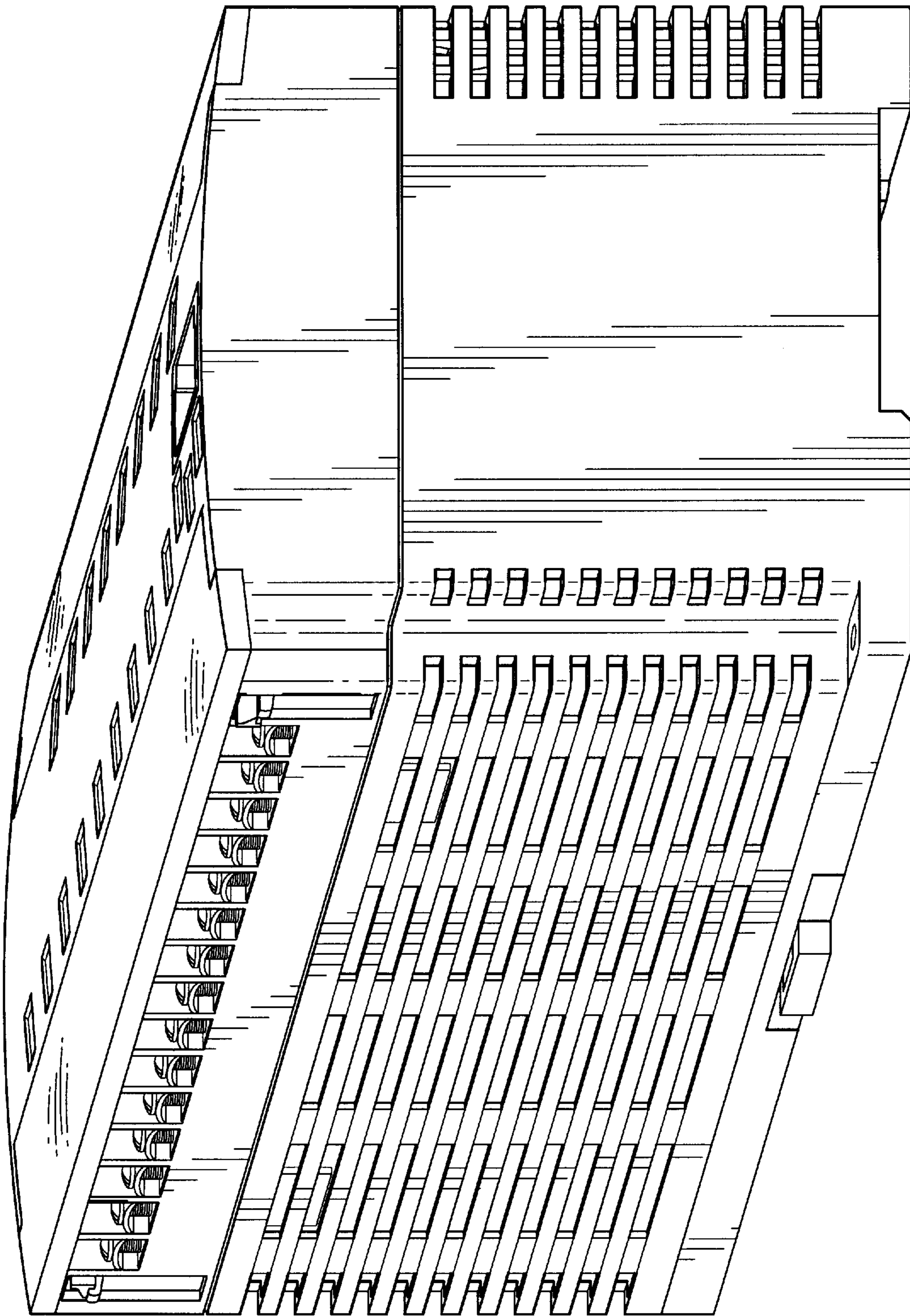
**Fig. 4**



**Fig. 5**



**Fig. 6**



**Fig. 7**