

US00D600648S

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

(10) **Patent No.:** **US D600,648 S**
(45) **Date of Patent:** **** Sep. 22, 2009**

(54) **CONNECTOR FOR FLEXIBLE PRINTED
CIRCUIT BOARD**

JP D1250913 8/2005
JP D1251412 8/2005

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* cited by examiner

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(73) Assignee: **Omron Corporation**, Kyoto (JP)

(74) *Attorney, Agent, or Firm*—Harness, Dickey & Pierce

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

(57) **CLAIM**

(21) Appl. No.: **29/320,451**

The ornamental design for a connector for flexible printed circuit board, as shown and described.

(22) Filed: **Jun. 27, 2008**

DESCRIPTION

(30) **Foreign Application Priority Data**

Dec. 28, 2007 (JP) D 2007-036198

FIG. 1 is a top, front, and right side perspective view of a connector for flexible printed circuit board showing our new design;

(51) **LOC (9) Cl.** **13-03**

FIG. 2 is a top, rear, and left side perspective view thereof;

(52) **U.S. Cl.** **D13/147**

FIG. 3 is a bottom, rear, and right side perspective view thereof;

(58) **Field of Classification Search** D13/147,
D13/154, 184; D14/432, 433, 436, 438;
439/62, 260, 325, 329, 395, 422, 492, 495,
439/499, 607–610

FIG. 4 is a front elevational view thereof;

FIG. 5 is a rear elevational view thereof;

See application file for complete search history.

FIG. 6 is a right side view thereof;

FIG. 7 is a left side view thereof;

(56) **References Cited**

U.S. PATENT DOCUMENTS

D470,110	S *	2/2003	Yamane	.....	D13/147
D472,219	S *	3/2003	Miura	.....	D13/147
D482,327	S *	11/2003	Saito et al.	.....	D13/147
D500,985	S *	1/2005	Yamane et al.	.....	D13/147
D501,183	S *	1/2005	Yamane et al.	.....	D13/147
D517,494	S *	3/2006	Ikenaga et al.	.....	D13/147
D582,853	S *	12/2008	Peng et al.	.....	D13/147
D589,885	S *	4/2009	Wu	.....	D13/147
2006/0105622	A1 *	5/2006	Nakano et al.	.....	439/495

FIG. 8 is a top plan view thereof;

FIG. 9 is a bottom plan view thereof;

FIG. 10 is a perspective cross-sectional view taken along the line of X—X of FIG. 8;

FIG. 11 is a perspective cross-sectional view taken along the line of XI—XI of FIG. 8;

FIG. 12 is a top, front, and right side perspective view thereof, shown in an alternate position of use;

FIG. 13 is a top, rear, and left side perspective view thereof;

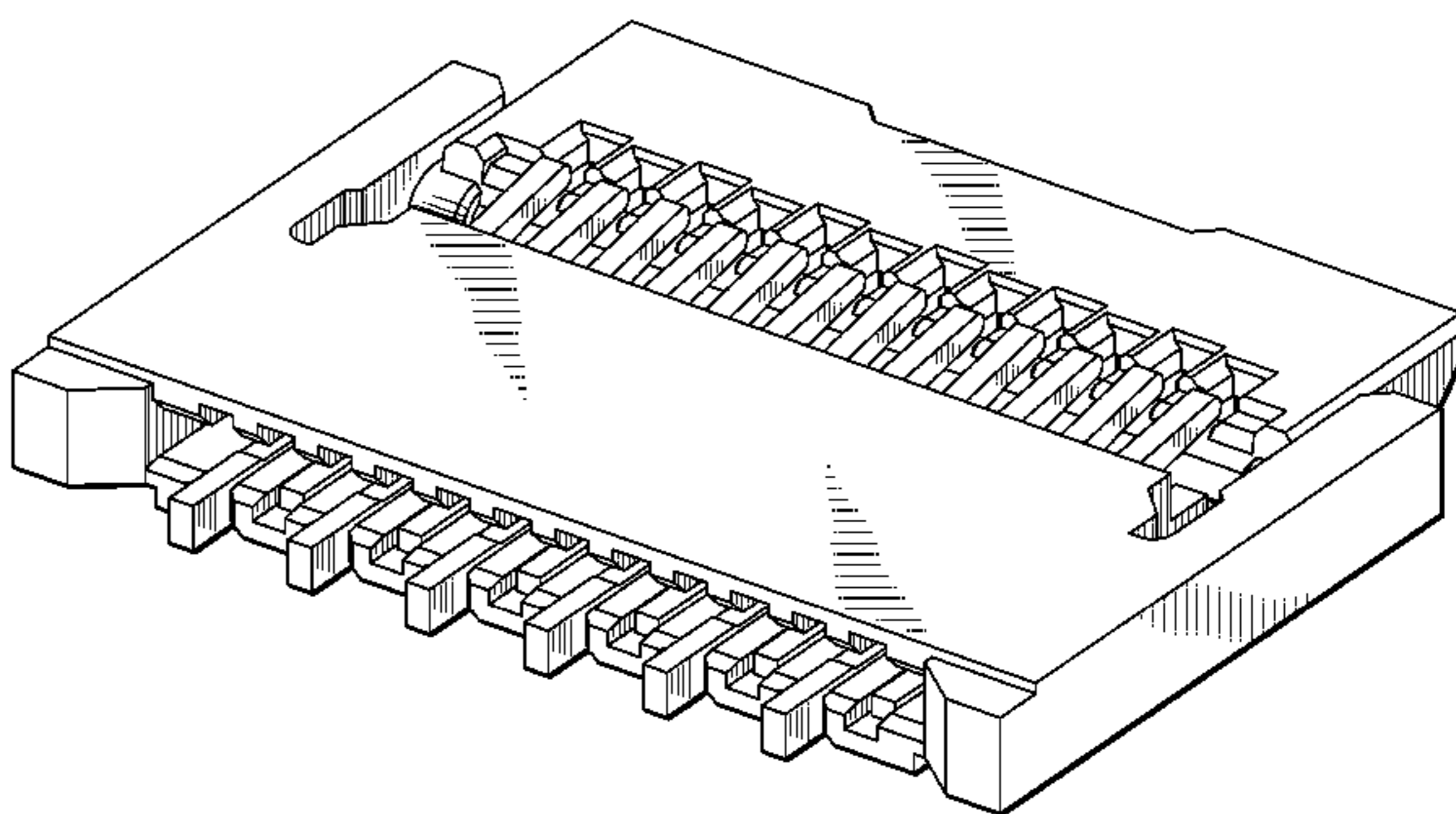
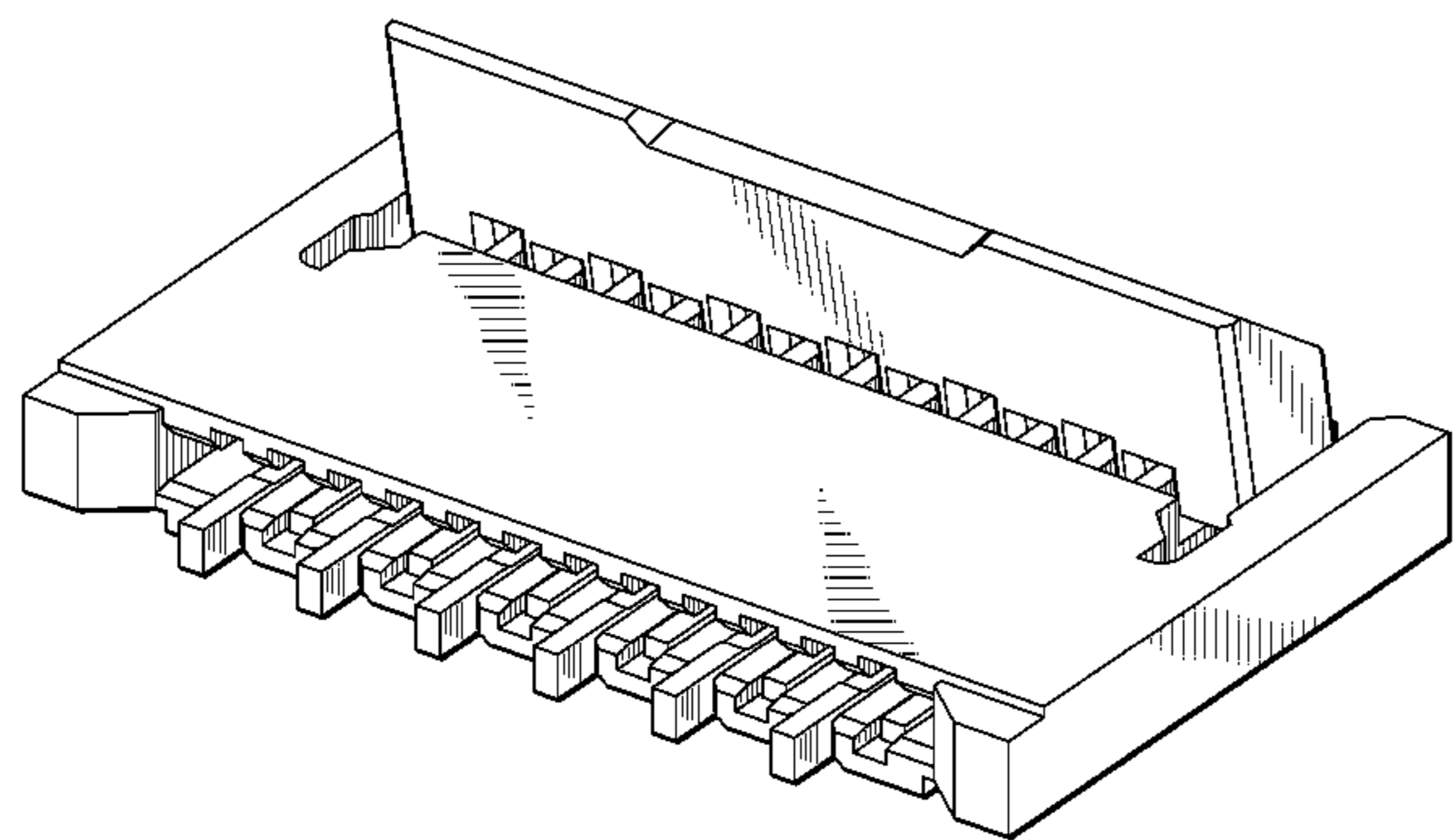
FIG. 14 is a front elevational view thereof; and,

FIG. 15 is a top plan view thereof.

FOREIGN PATENT DOCUMENTS

JP	D1180010	5/2003
JP	D1180302	5/2003
JP	D1233430	2/2005

1 Claim, 13 Drawing Sheets



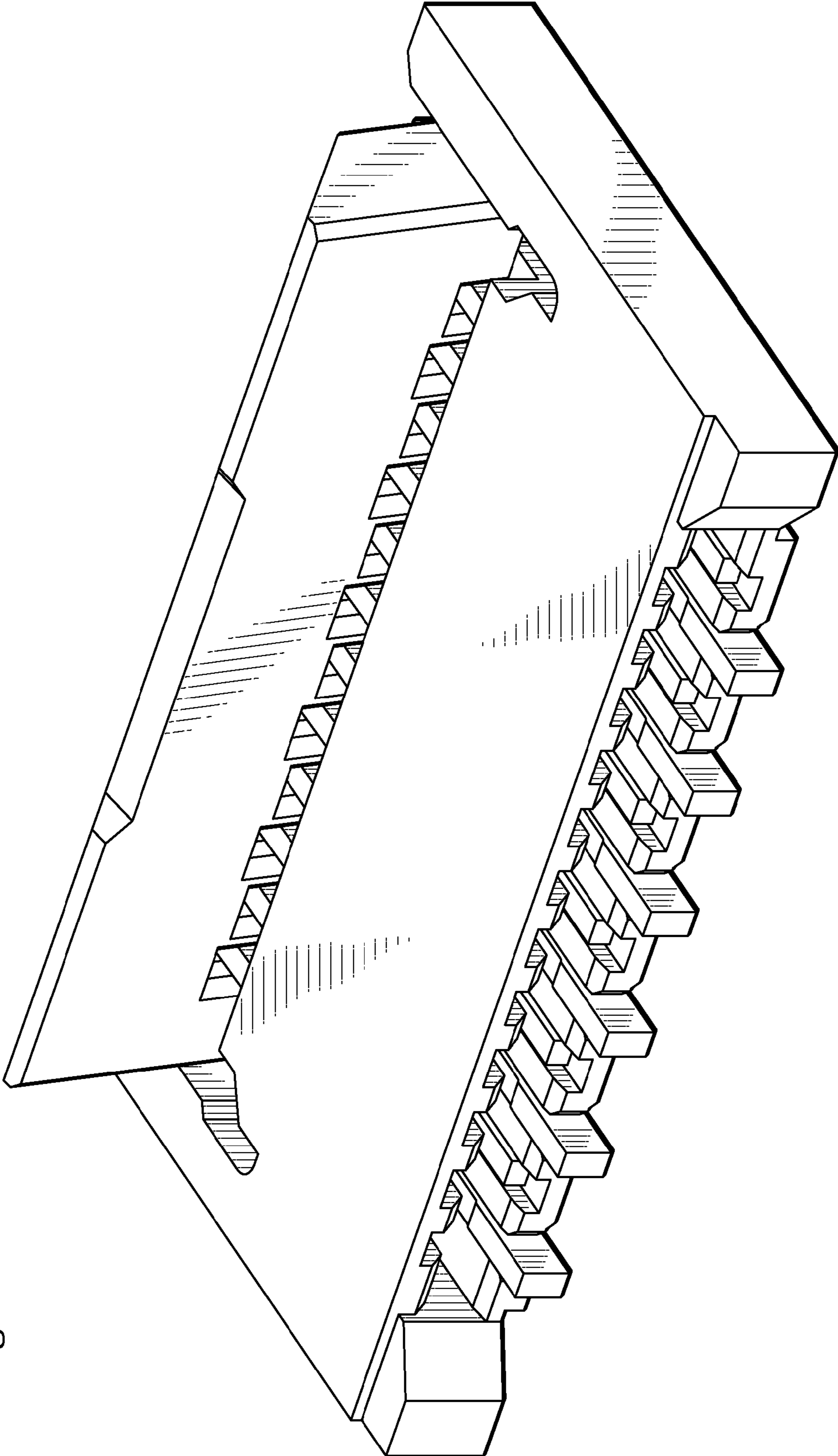


Fig. 1

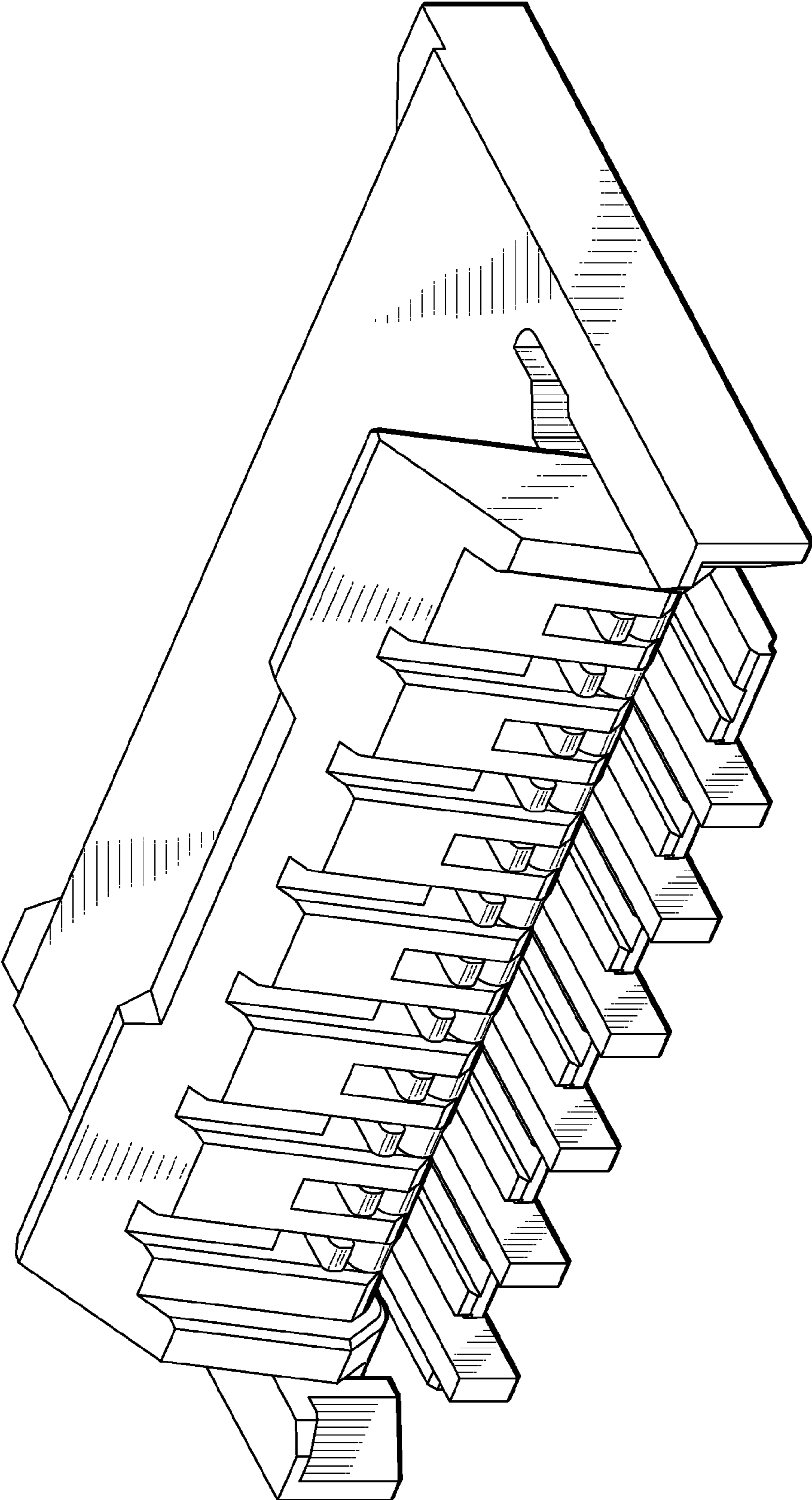


Fig. 2

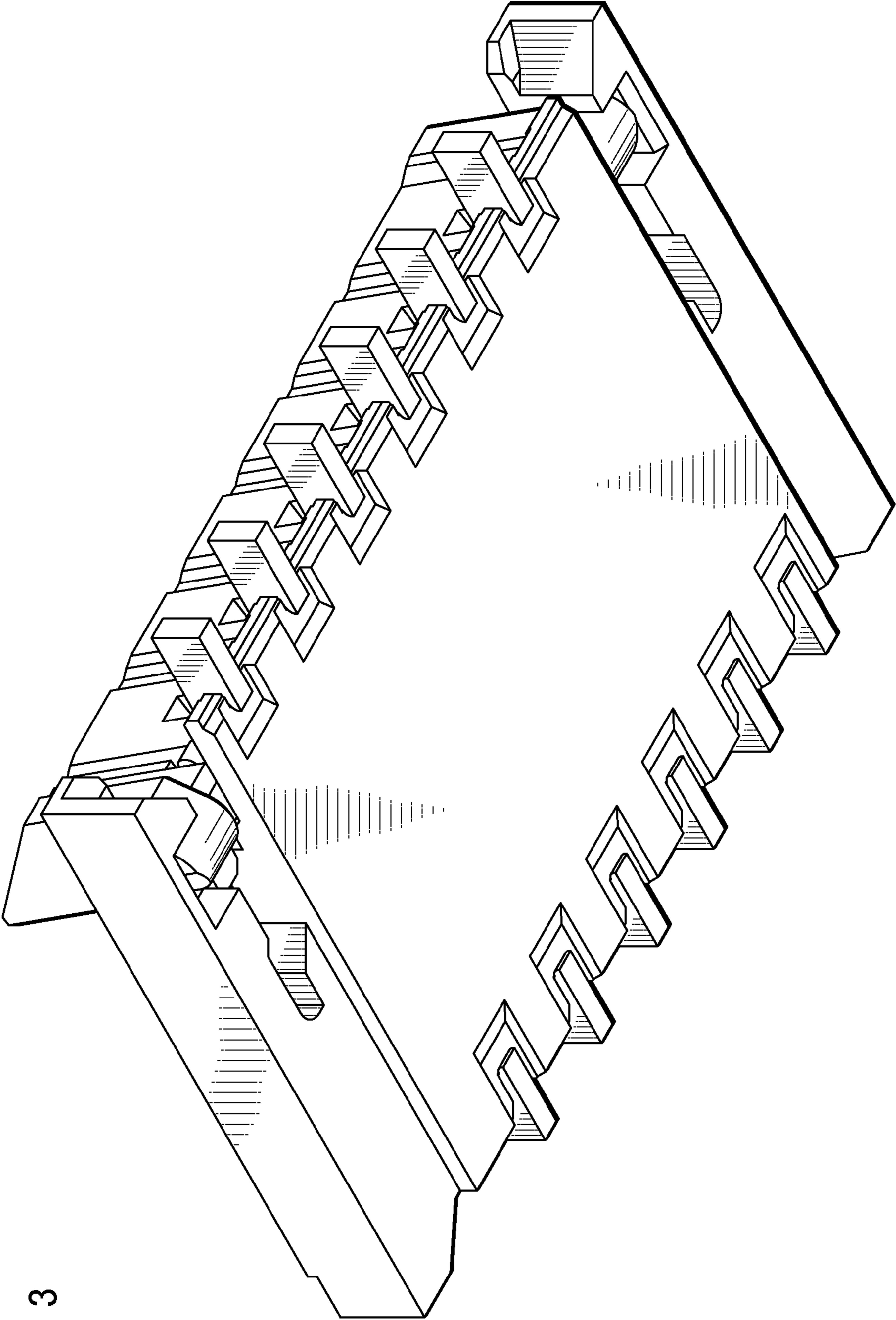


Fig. 3

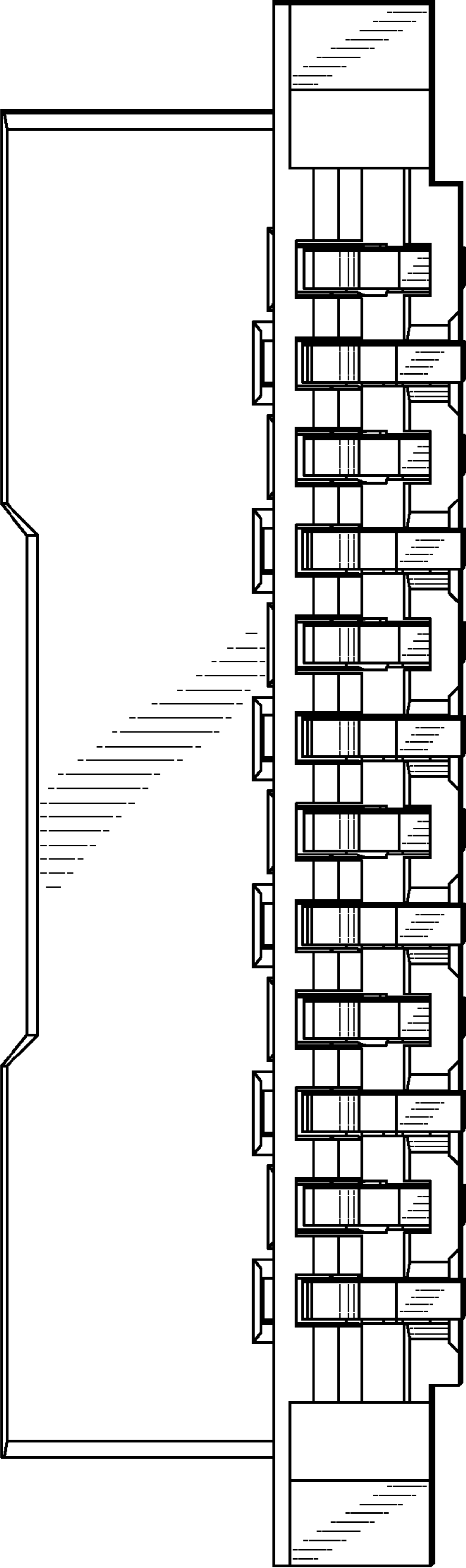


Fig. 4



Fig. 5

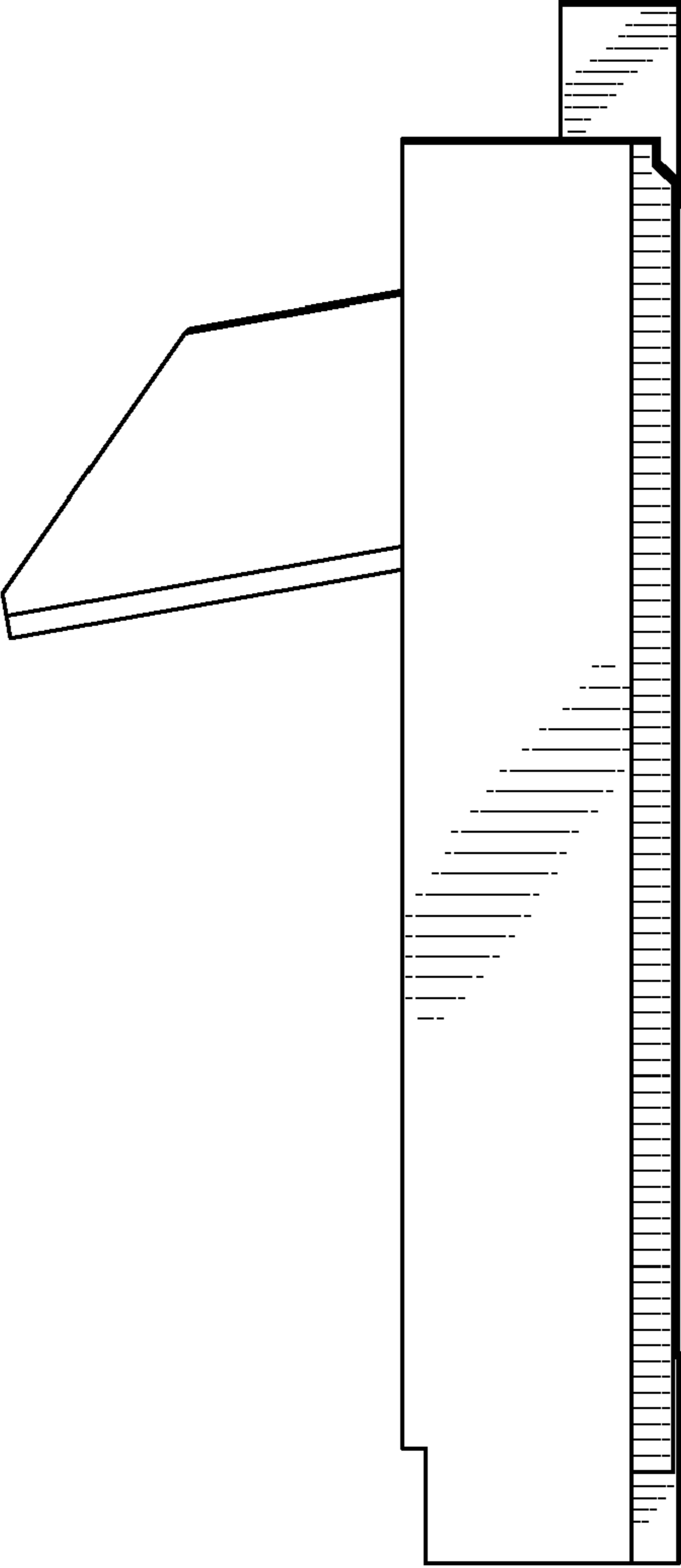


Fig. 6

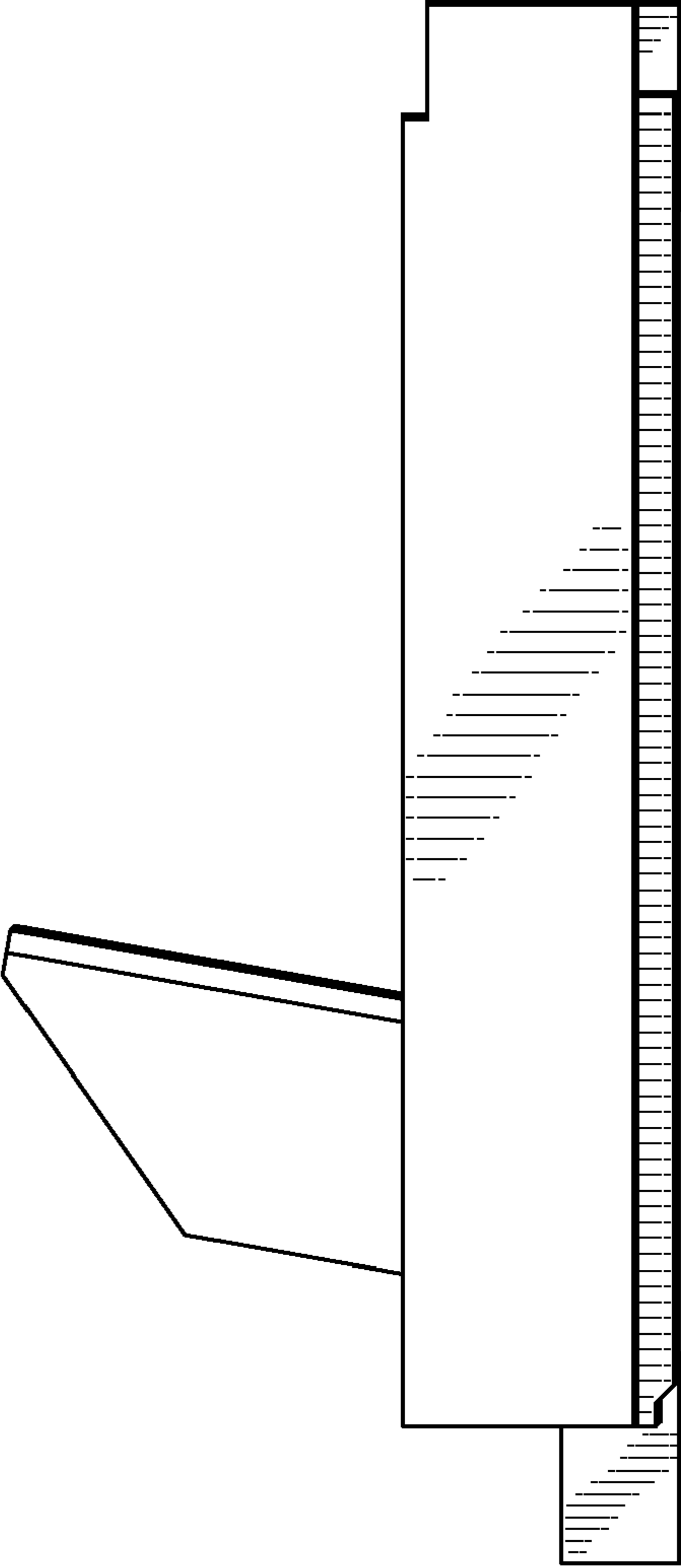


Fig. 7

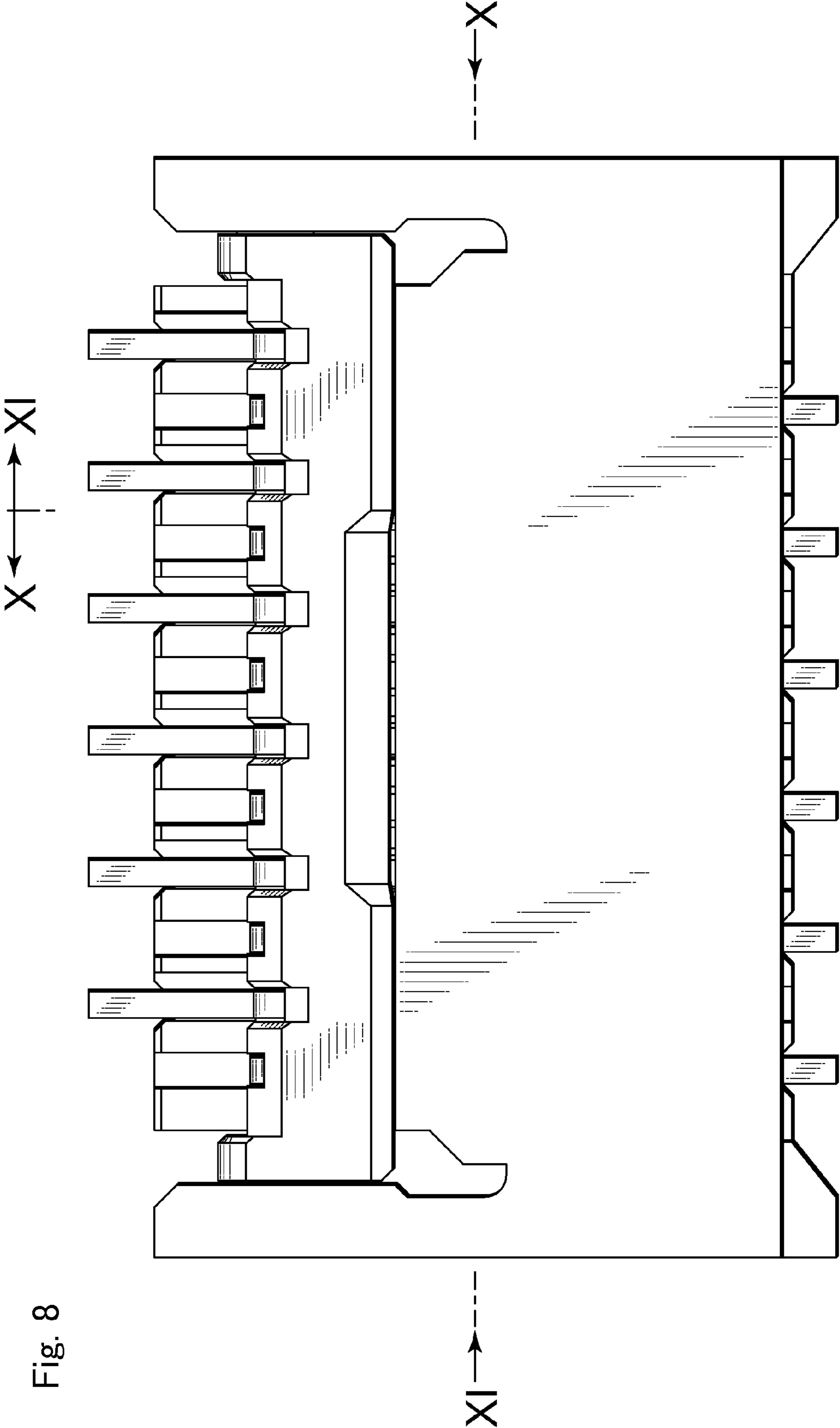


Fig. 8

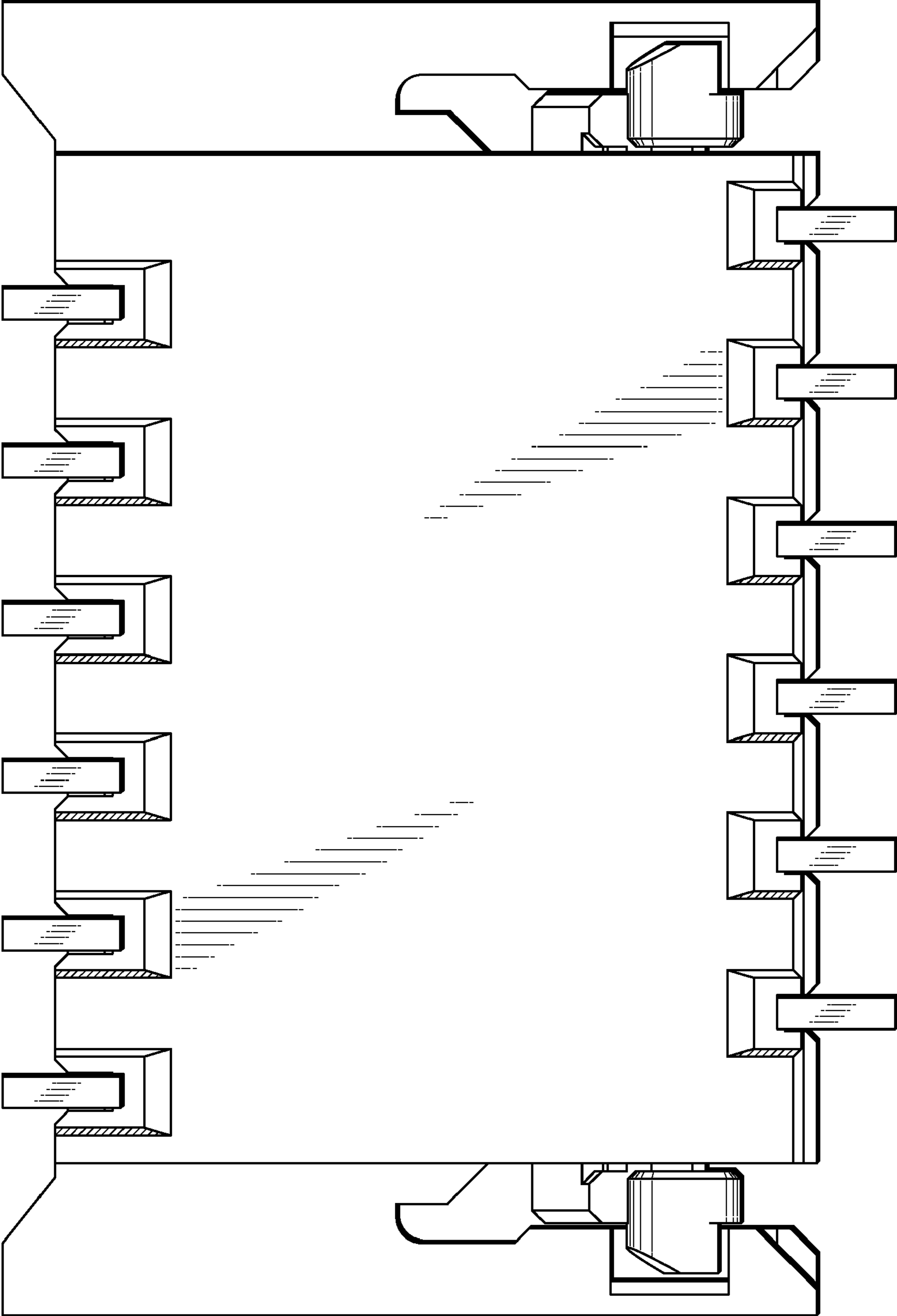


Fig. 9

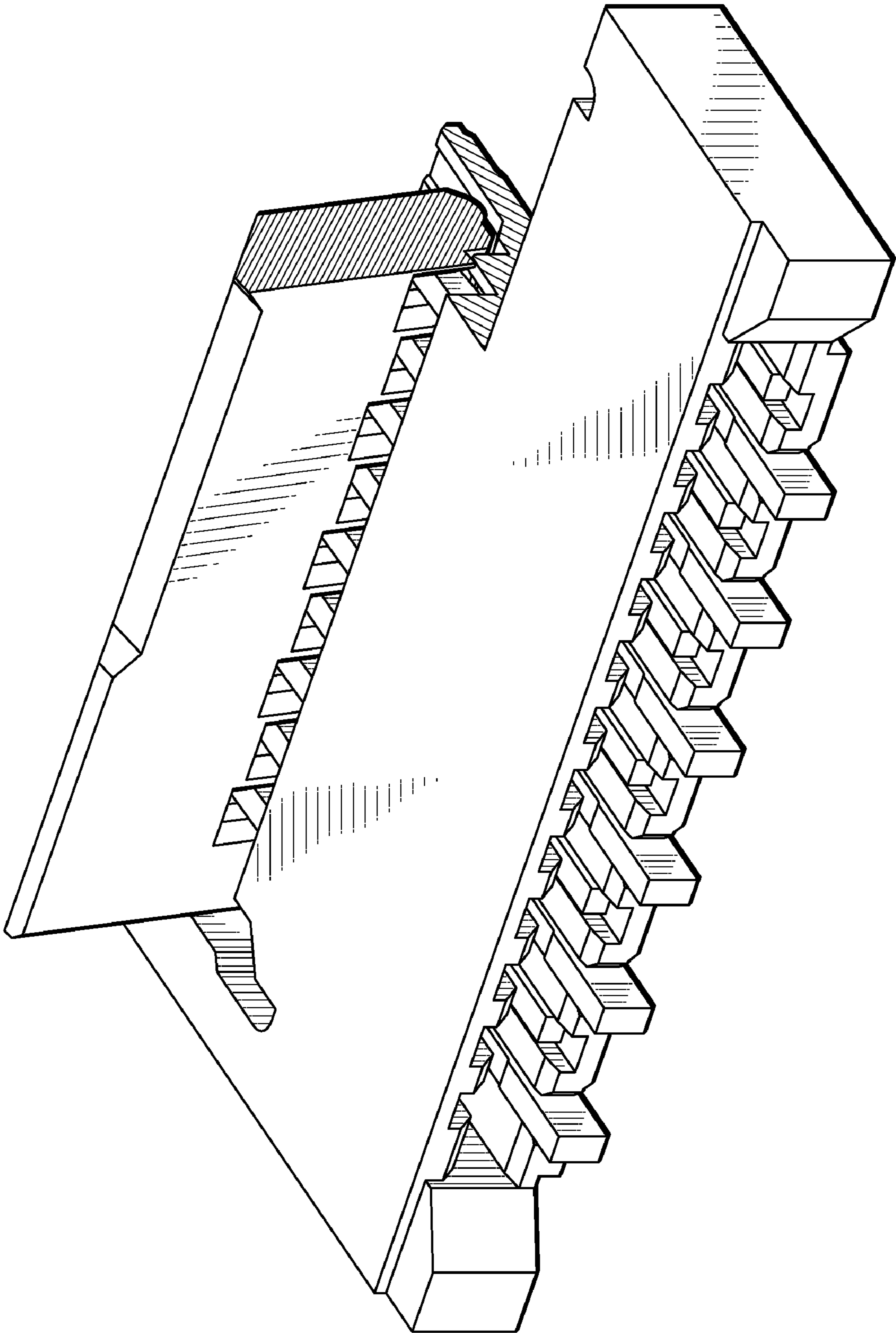


Fig. 10

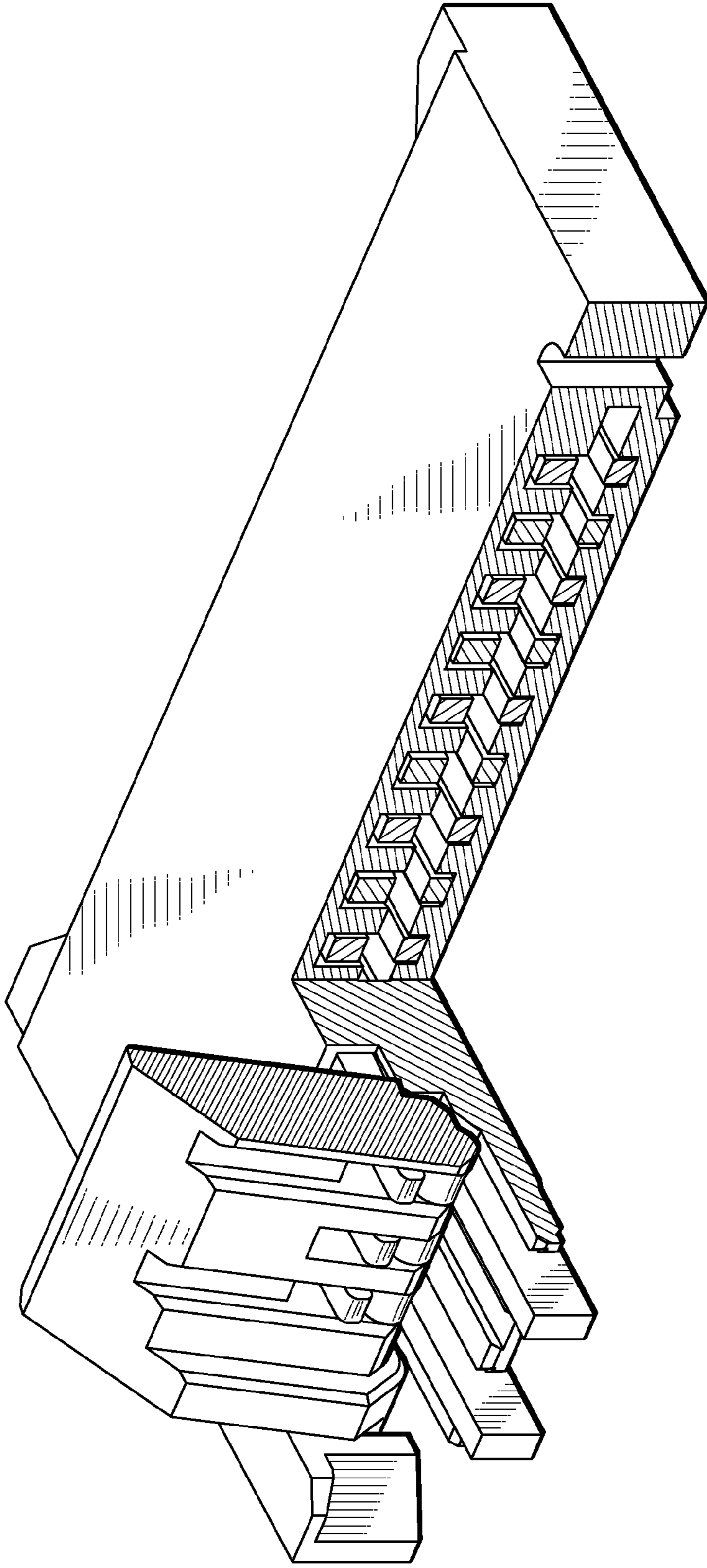


Fig. 11

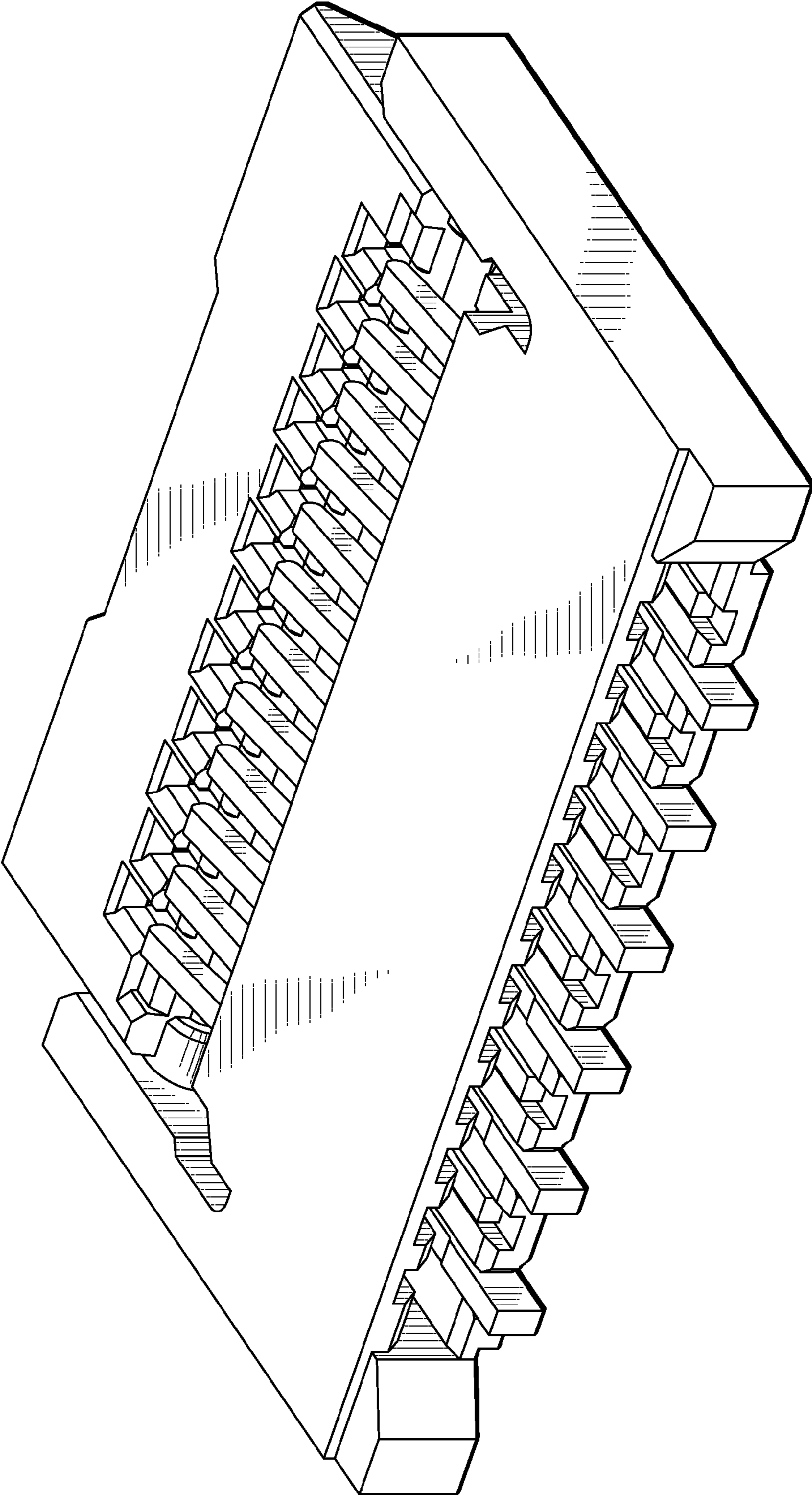


Fig. 12

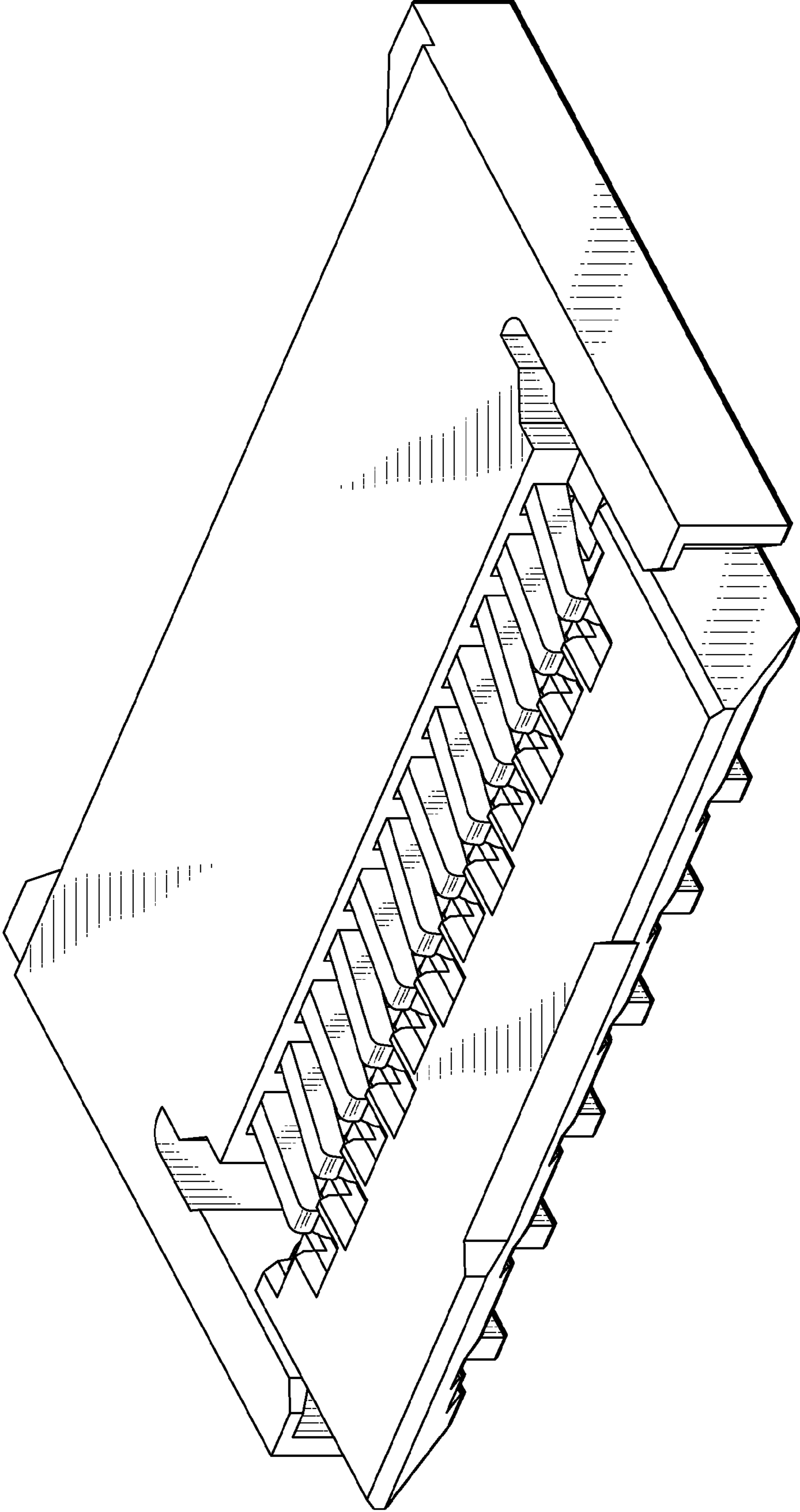


Fig. 13

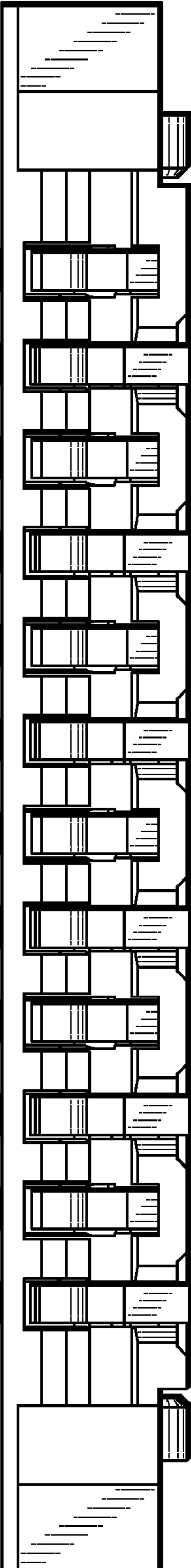


Fig. 14

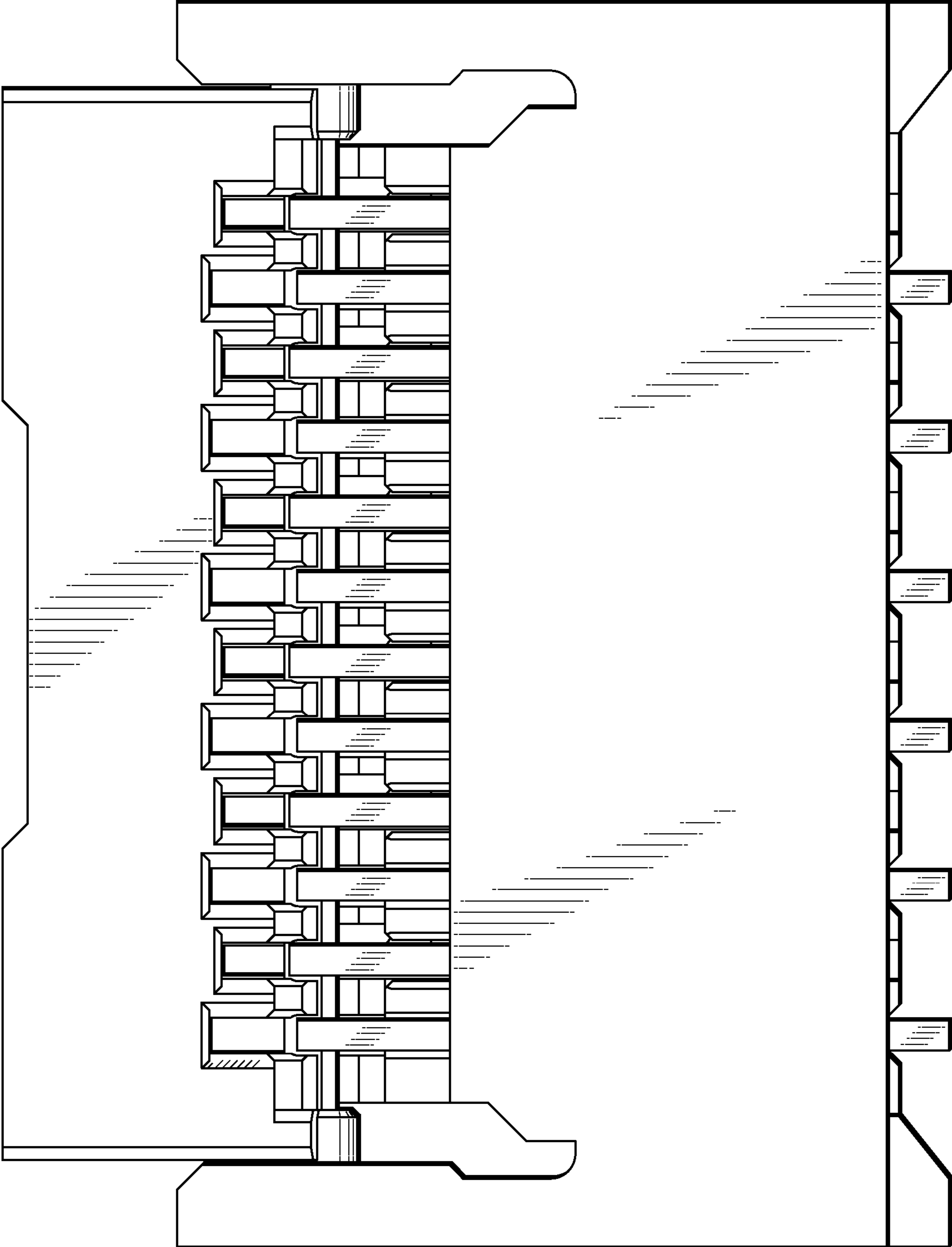


Fig. 15