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(12) **United States Design Patent** (10) **Patent No.:** **US D548,704 S**
Wu et al. (45) **Date of Patent:** **** Aug. 14, 2007**

(54) **EDGE-EMITTING LIGHT-EMITTING DIODE**

(75) Inventors: **Ching-Huei Wu**, San Chung (TW);
Ming-Shiun Wu, San Chung (TW)

(73) Assignee: **Unity Opto Technology Co., Ltd.**,
Taipei Hsien (TW)

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

(21) Appl. No.: **29/265,343**

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(51) **LOC (8) Cl.** **13-03**

(52) **U.S. Cl.** **D13/180**

(58) **Field of Classification Search** D13/180;
D26/2; 257/79, 80, 81, 82, 88, 89, 95, 98,
257/99, 100, 678, 680, 433, 434; 313/483,
313/498, 500; 361/820; 362/555, 800
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D476,960 S * 7/2003 Fukasawa et al. D13/182
D478,879 S * 8/2003 Imai D13/182
D495,668 S * 9/2004 Kim et al. D13/180
D504,404 S * 4/2005 Ishida D13/180
6,953,952 B2 * 10/2005 Asakawa 257/103

D528,999 S * 9/2006 Cho et al. D13/180
2002/0149314 A1 * 10/2002 Takahashi et al. 313/500
2003/0136968 A1 * 7/2003 Fjelstad 257/82
2006/0023451 A1 * 2/2006 Han et al. 362/249
2007/0029564 A1 * 2/2007 Han et al. 257/98
2007/0029915 A1 * 2/2007 Kim et al. 313/483

* cited by examiner

Primary Examiner—Selina Sikder

(74) *Attorney, Agent, or Firm*—Troxell Law Office, PLLC

(57) **CLAIM**

The ornamental design for an edge-emitting light-emitting diode, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of an edge-emitting light-emitting diode of the new design;

FIG. 2 is a front elevation view thereof;

FIG. 3 is a rear elevation view thereof;

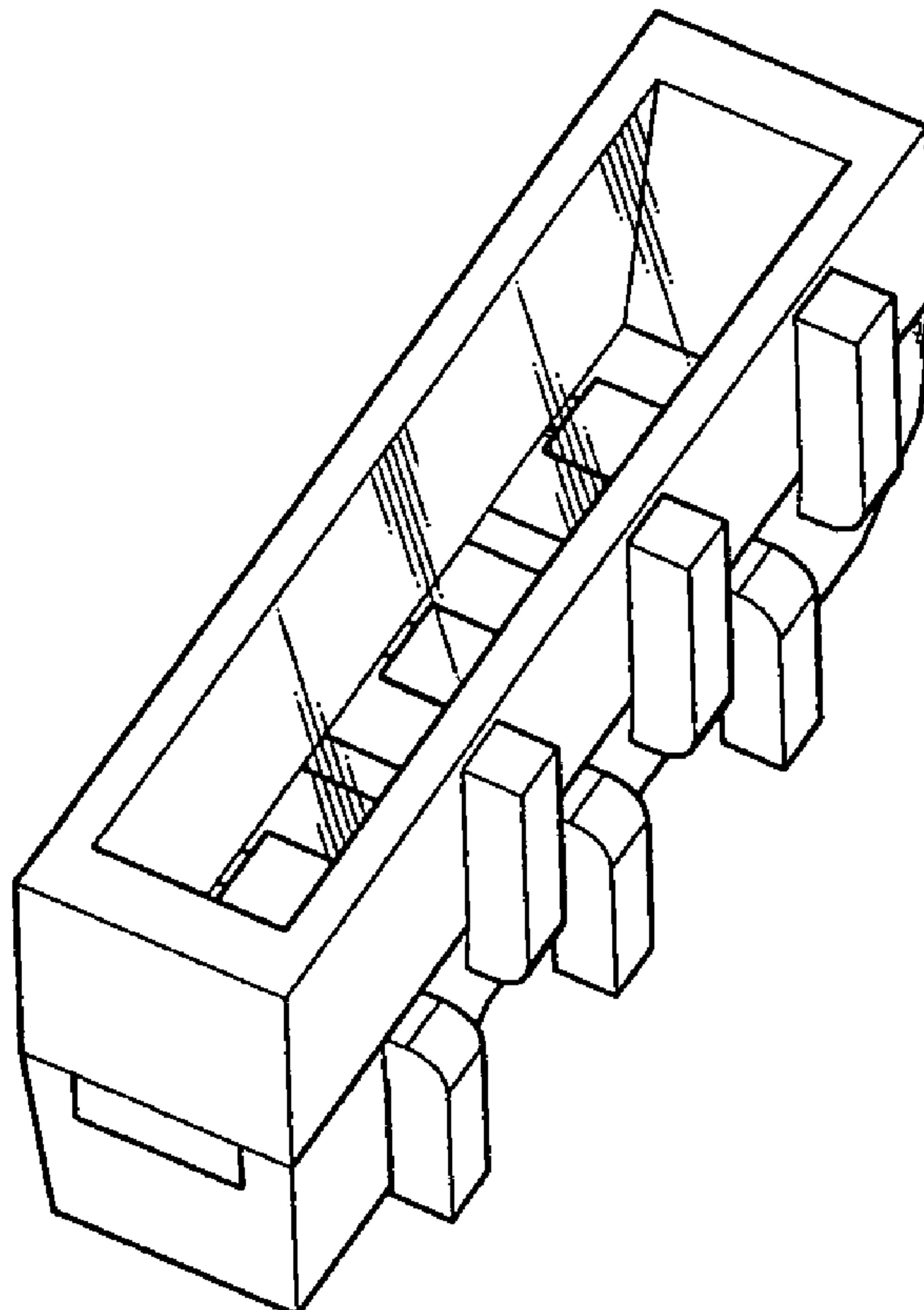
FIG. 4 is a left side elevation view thereof;

FIG. 5 is a right side elevation view thereof;

FIG. 6 is a top plan view thereof; and,

FIG. 7 is a bottom plan view thereof.

1 Claim, 4 Drawing Sheets



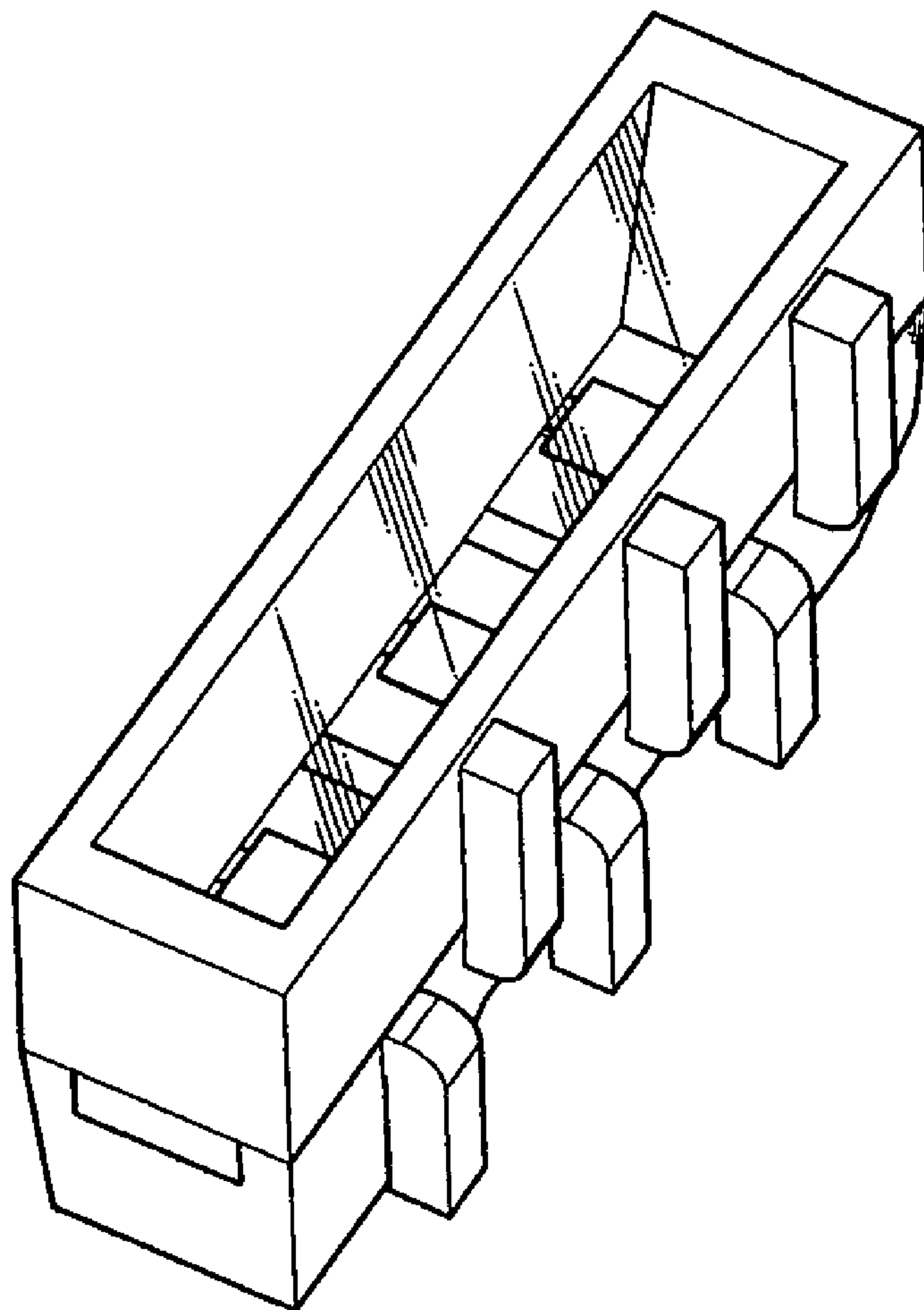


Fig. 1

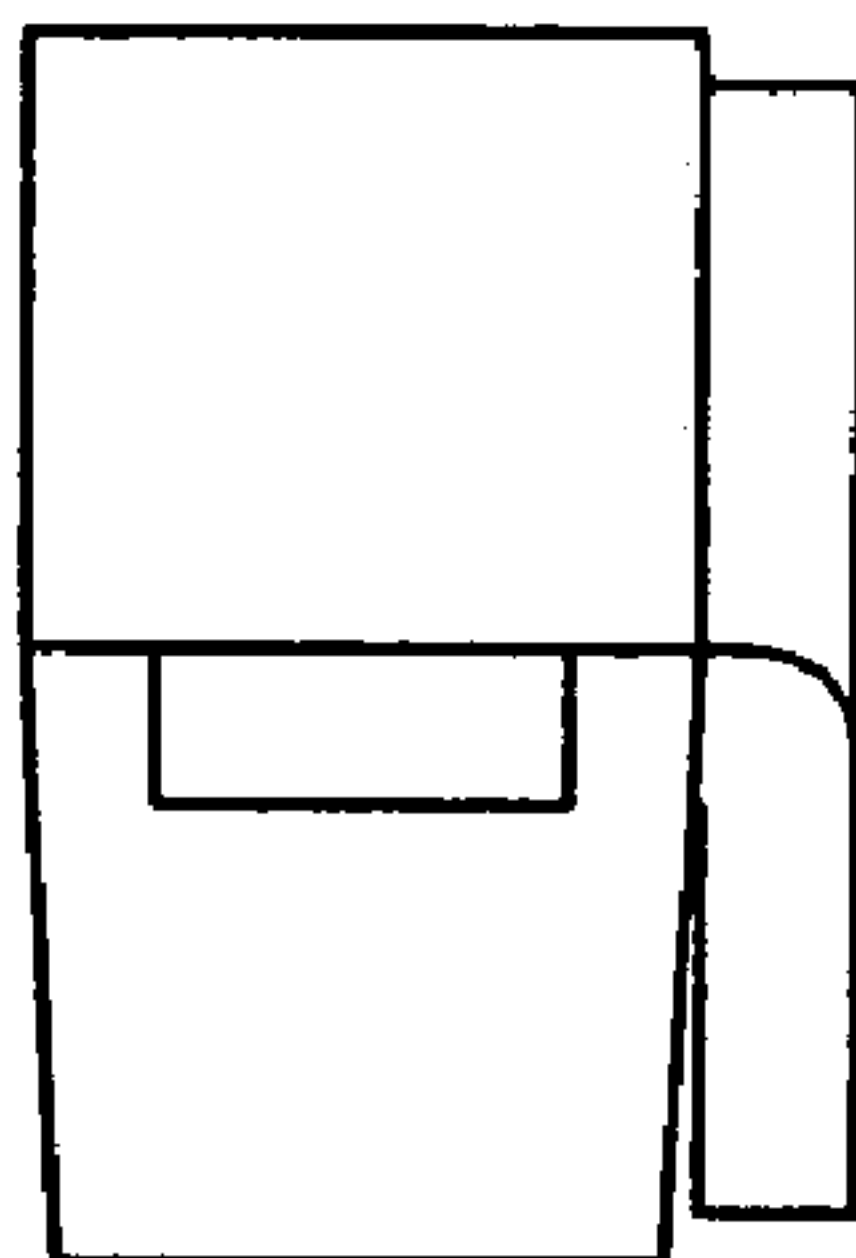


Fig. 2

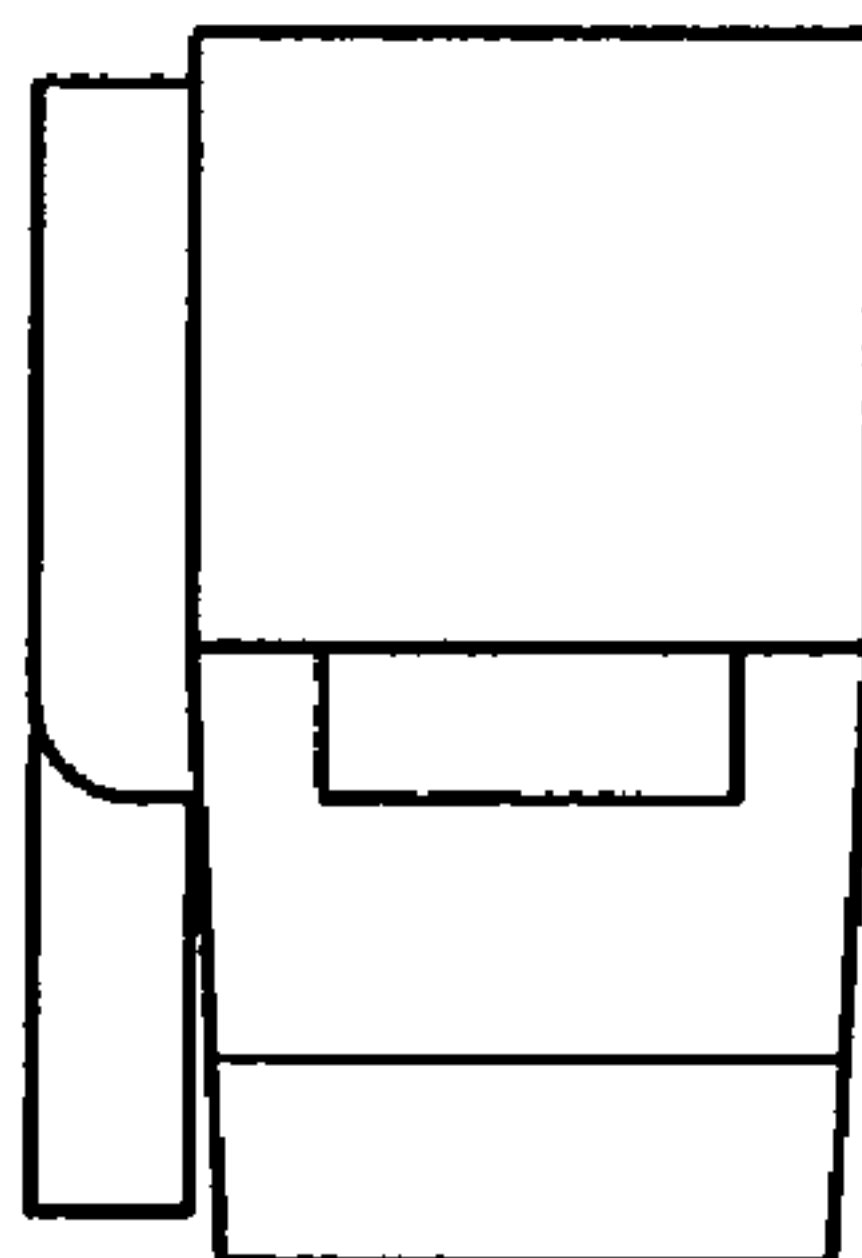


Fig. 3

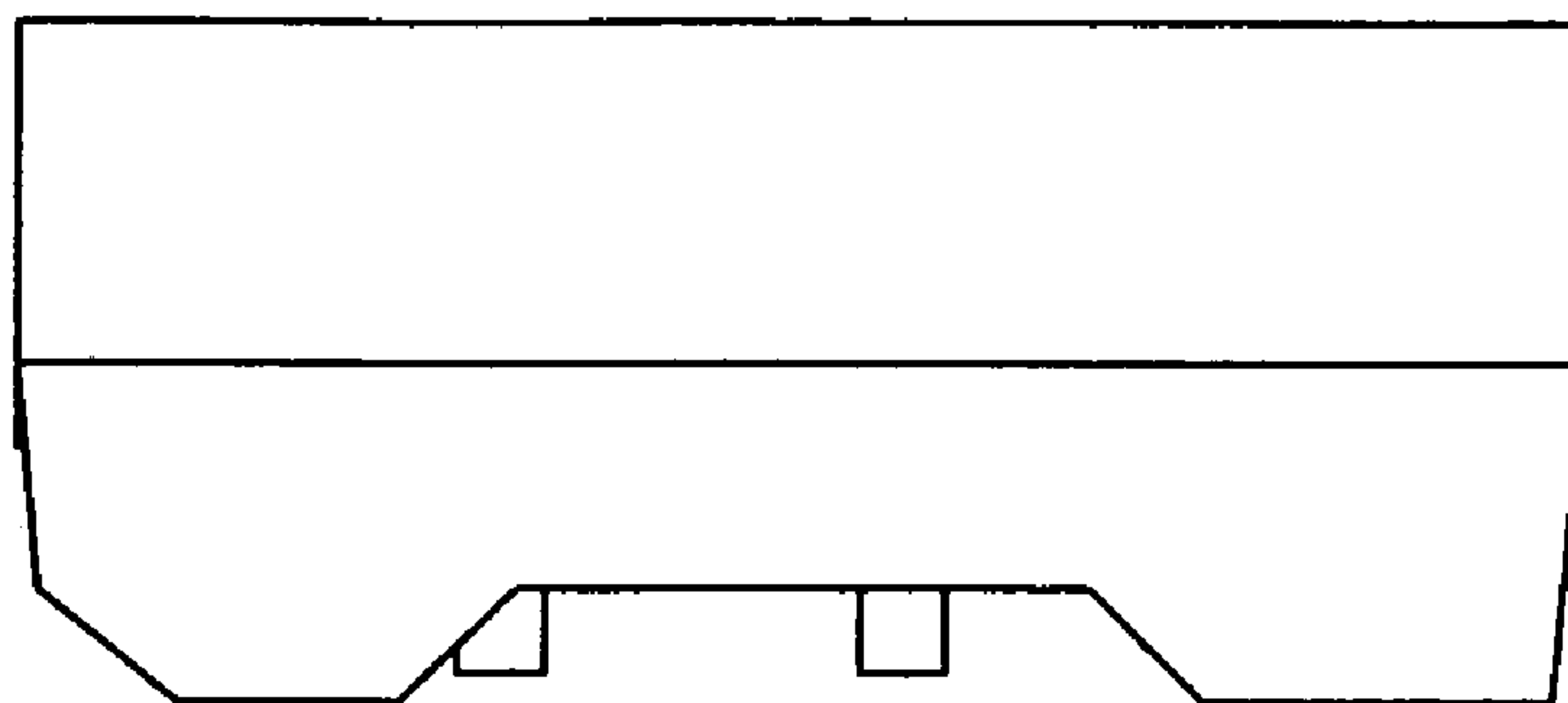


Fig. 4

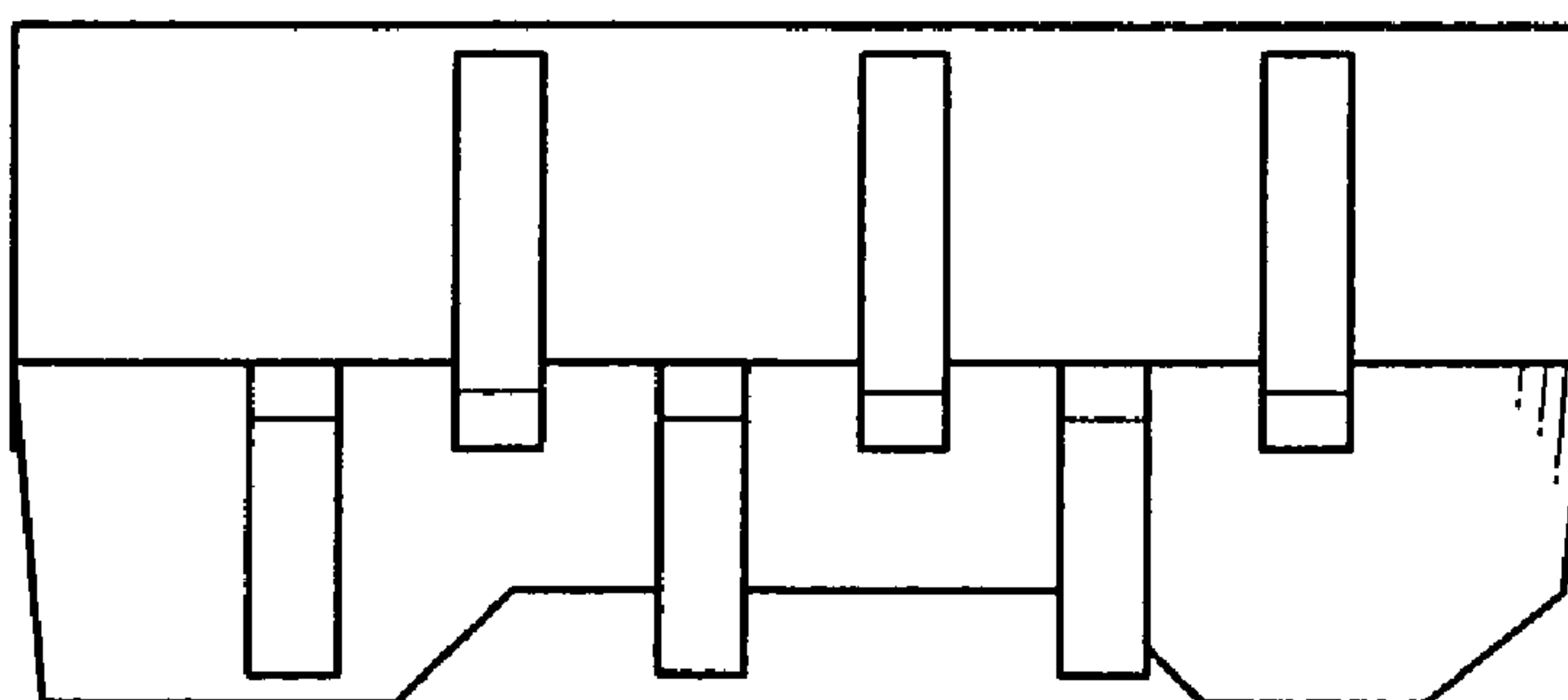


Fig. 5

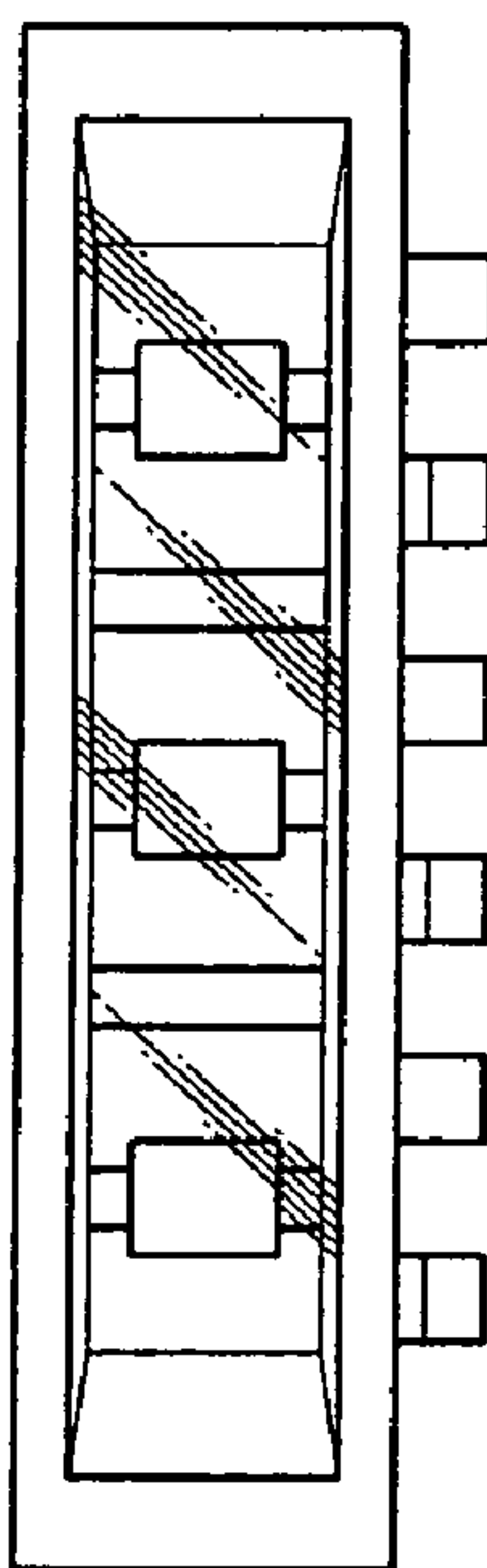


Fig. 6

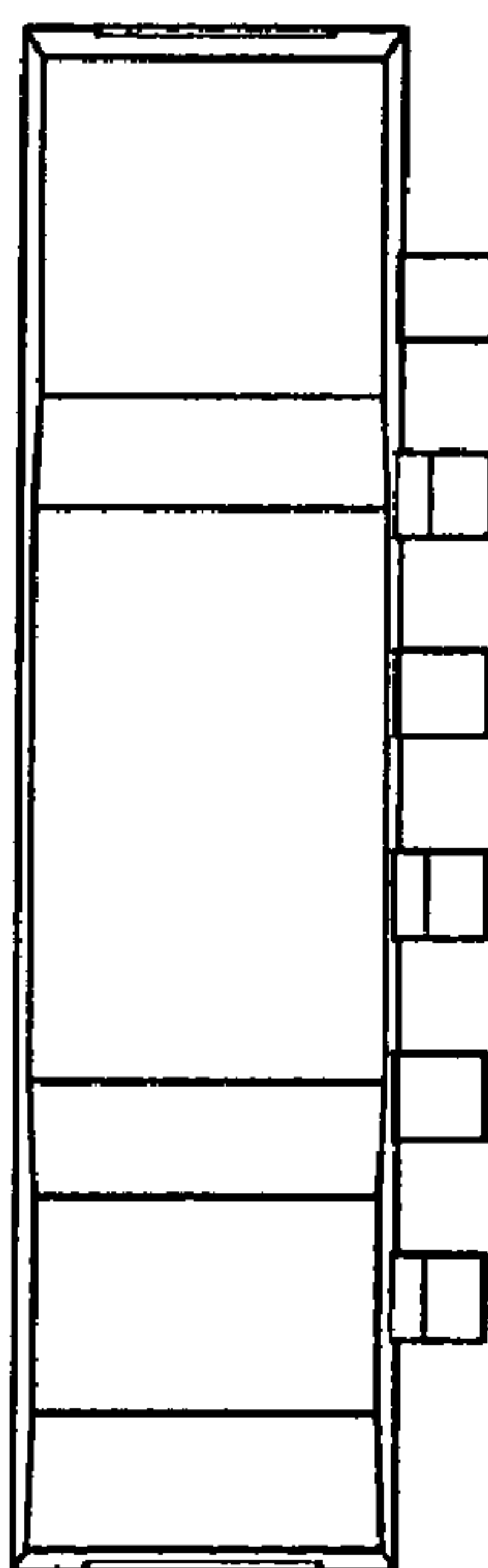


Fig. 7