

US00D562270S

(12) **United States Design Patent**
Shimozawa

(10) **Patent No.:** **US D562,270 S**
(45) **Date of Patent:** **** Feb. 19, 2008**

(54) **LIGHT-EMITTING DIODE**

DESCRIPTION

(75) Inventor: **Arata Shimozawa**, Yamanashi (JP)

(73) Assignee: **Citizen Electronics Co., Ltd.**,
Yamanashi (JP)

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

(21) Appl. No.: **29/267,218**

(22) Filed: **Oct. 10, 2006**

(30) **Foreign Application Priority Data**

Apr. 10, 2006	(JP)	.....	2006-009250
Apr. 10, 2006	(JP)	.....	2006-009251
Apr. 10, 2006	(JP)	.....	2006-009252

(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, 88, 89, 95, 98, 99,
257/100; 313/483, 498, 500; 362/555, 800
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2004/0046179	A1 *	3/2004	Baur et al.	.....	257/98
2006/0163602	A1 *	7/2006	Isokawa	.....	257/100
2006/0198162	A1 *	9/2006	Ishidu et al.	.....	362/623
2006/0220205	A1 *	10/2006	Hongo et al.	.....	257/680

* cited by examiner

Primary Examiner—Selina Sikder

(74) *Attorney, Agent, or Firm*—Browdy and Neimark,
PLLC

(57) **CLAIM**

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

FIG. 1 is a perspective view of a light-emitting diode in a
first embodiment in accordance with the present design, as
viewed from above;

FIG. 2 is a perspective view thereof as viewed from below;

FIG. 3 is a front elevational view thereof (a rear elevational
view is identical to FIG. 3);

FIG. 4 is a right side elevational view thereof (a left side
elevational view is identical to FIG. 4);

FIG. 5 is a top plan view thereof;

FIG. 6 is a bottom plan view thereof;

FIG. 7 is a perspective view of a light-emitting diode in a
second embodiment in accordance with the present design,
as viewed from above;

FIG. 8 is a perspective view thereof as viewed from below;

FIG. 9 is a front elevational view thereof (a rear elevational
view is identical to FIG. 9);

FIG. 10 is a right side elevational view thereof (a left side
elevational view is identical to FIG. 10);

FIG. 11 is a top plan view thereof;

FIG. 12 is a bottom plan view thereof;

FIG. 13 is a perspective view of a light-emitting diode in a
third embodiment in accordance with the present design, as
viewed from above;

FIG. 14 is a perspective view thereof as viewed from below;

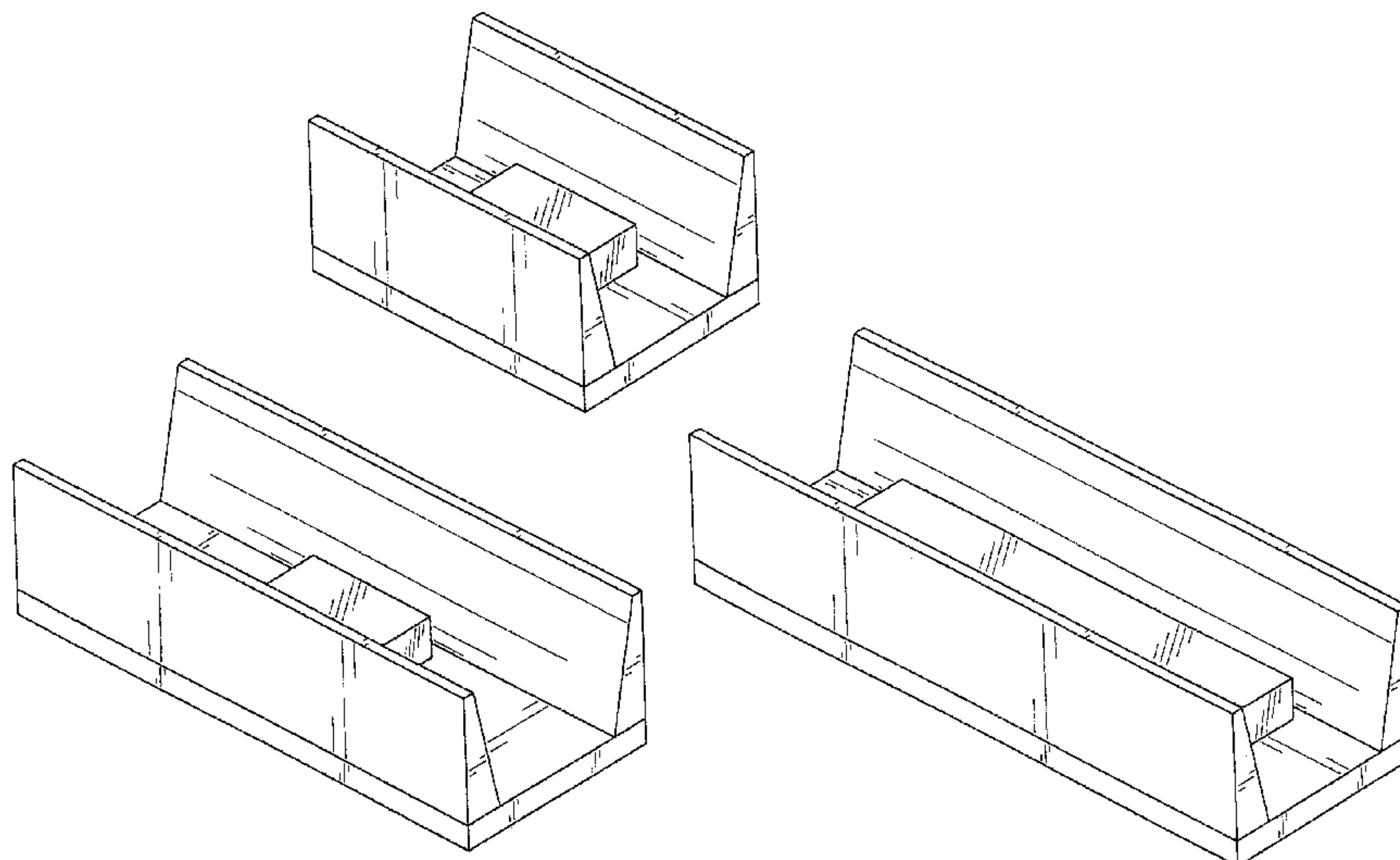
FIG. 15 is a front elevational view thereof (a rear elevational
view is identical to FIG. 15);

FIG. 16 is a right side elevational view thereof (a left side
elevational view is identical to FIG. 16);

FIG. 17 is a top plan view thereof; and,

FIG. 18 is a bottom plan view thereof.

1 Claim, 9 Drawing Sheets



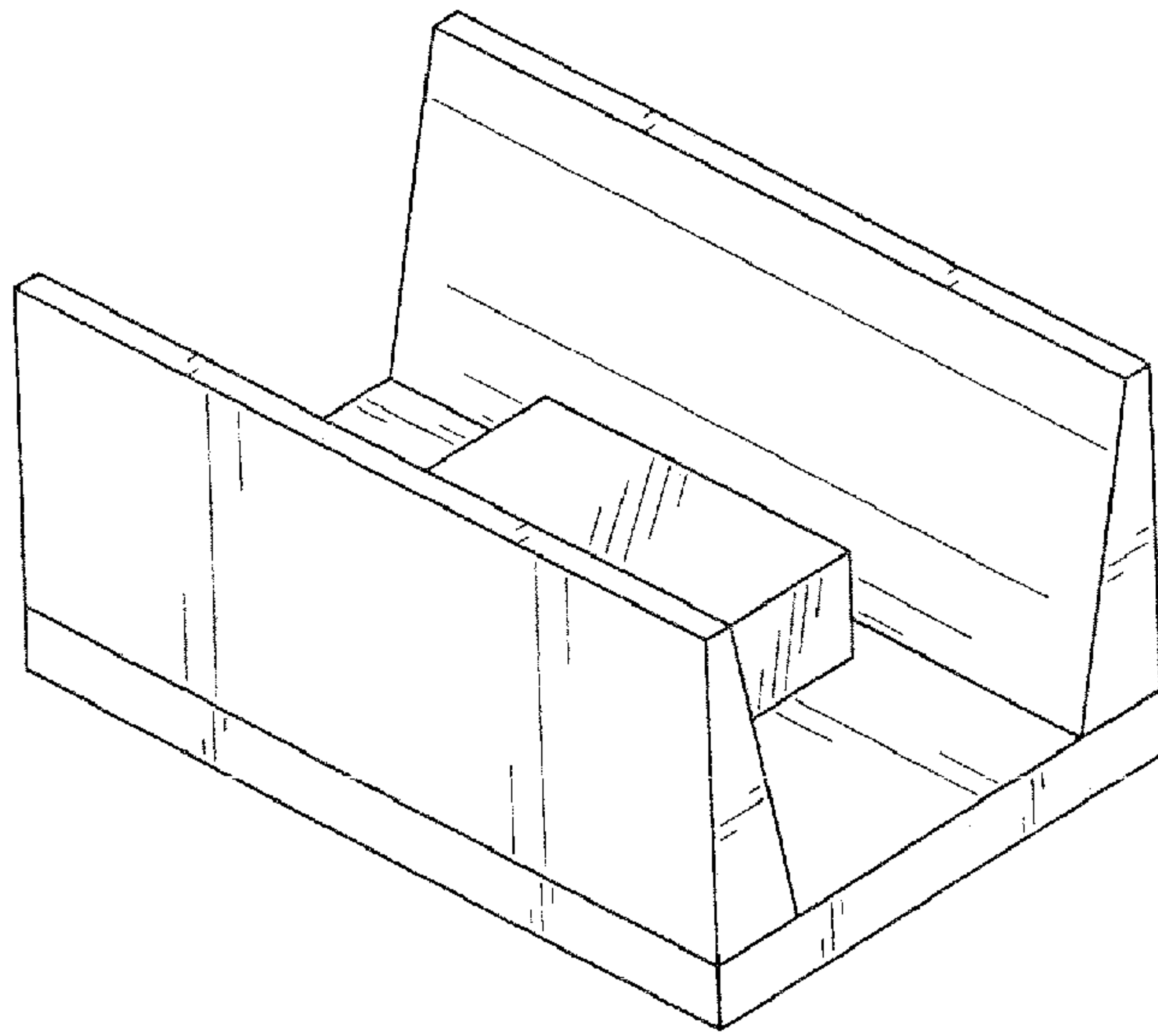


FIG. 1

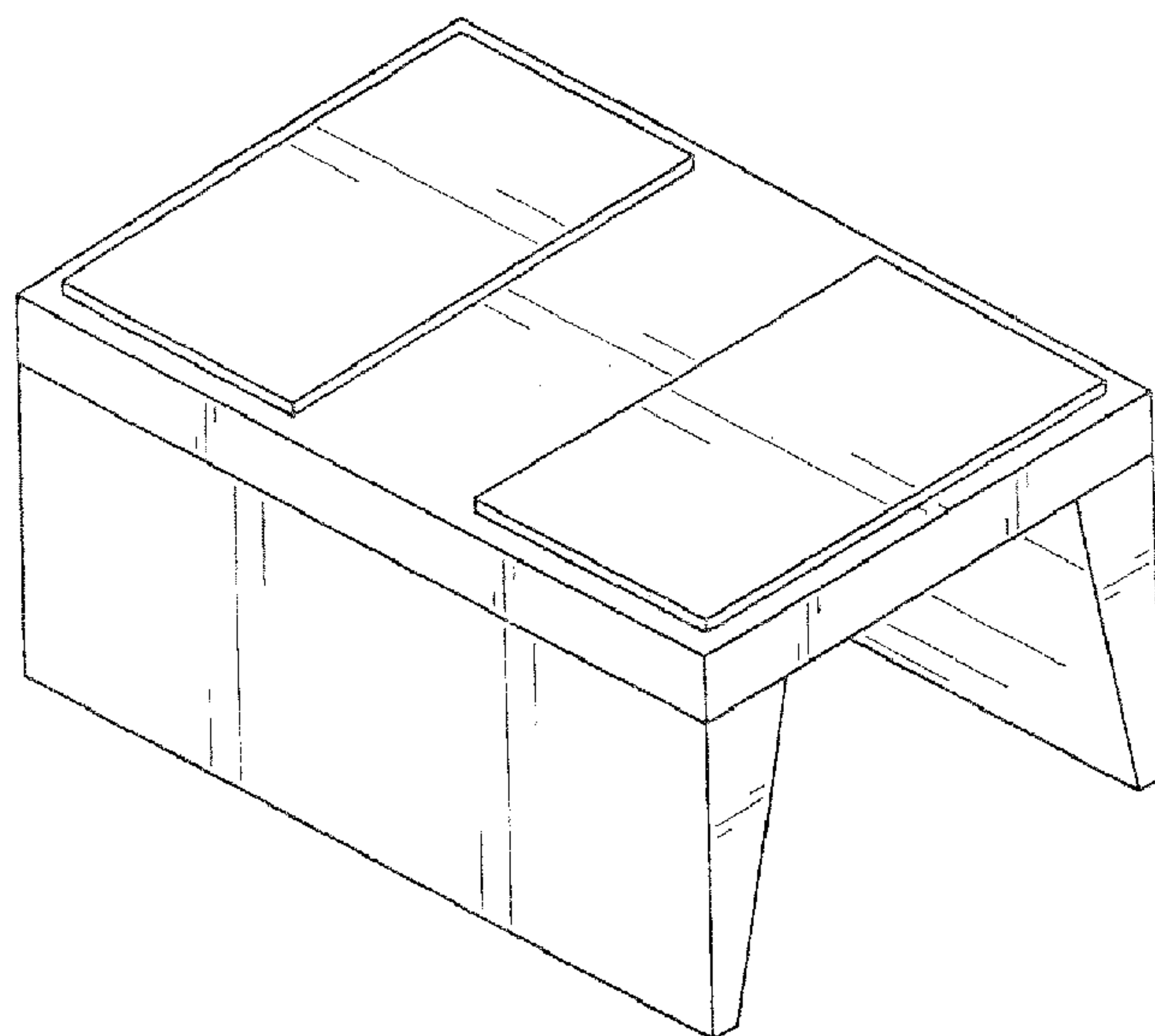


FIG. 2

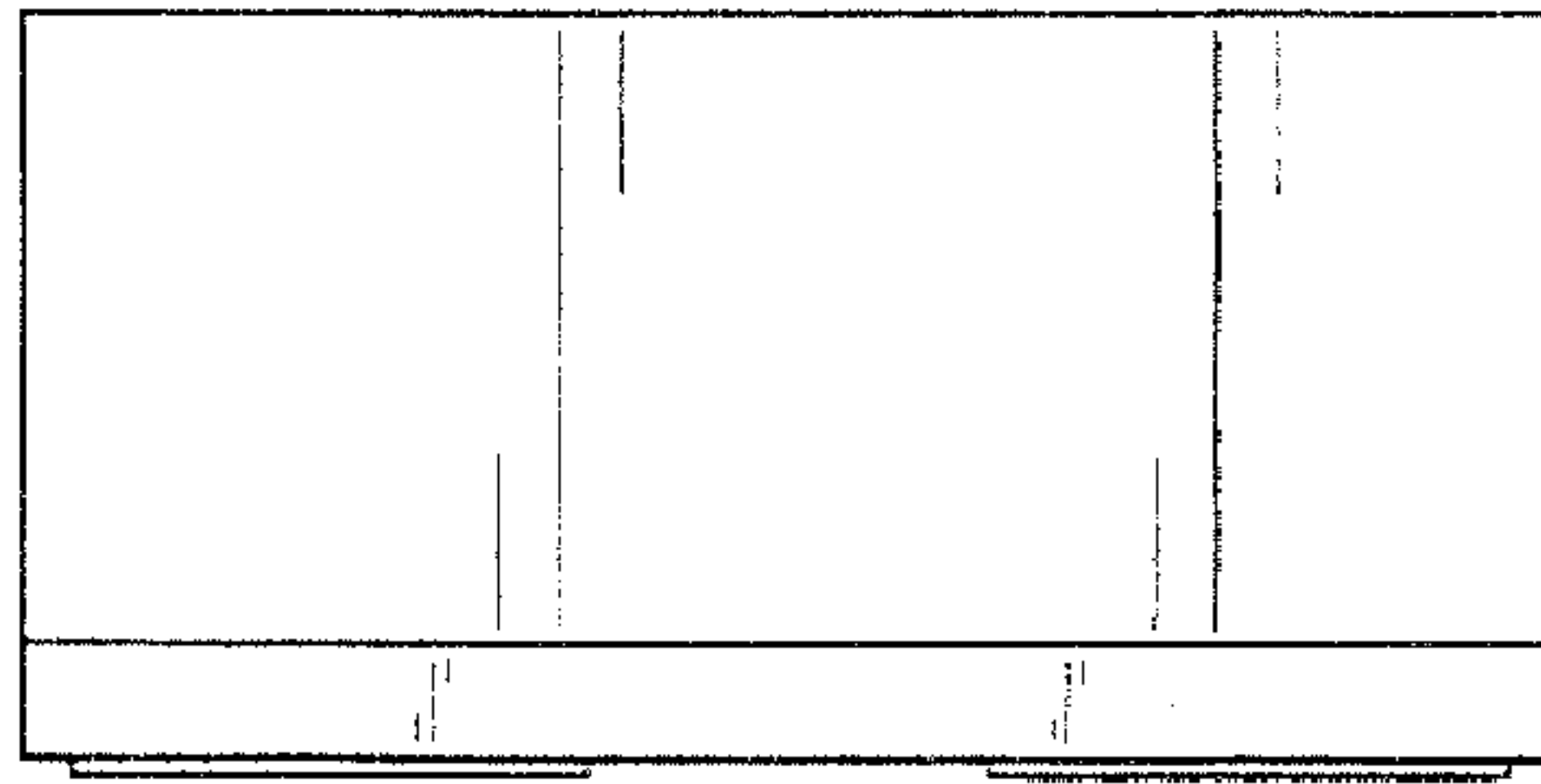


FIG. 3

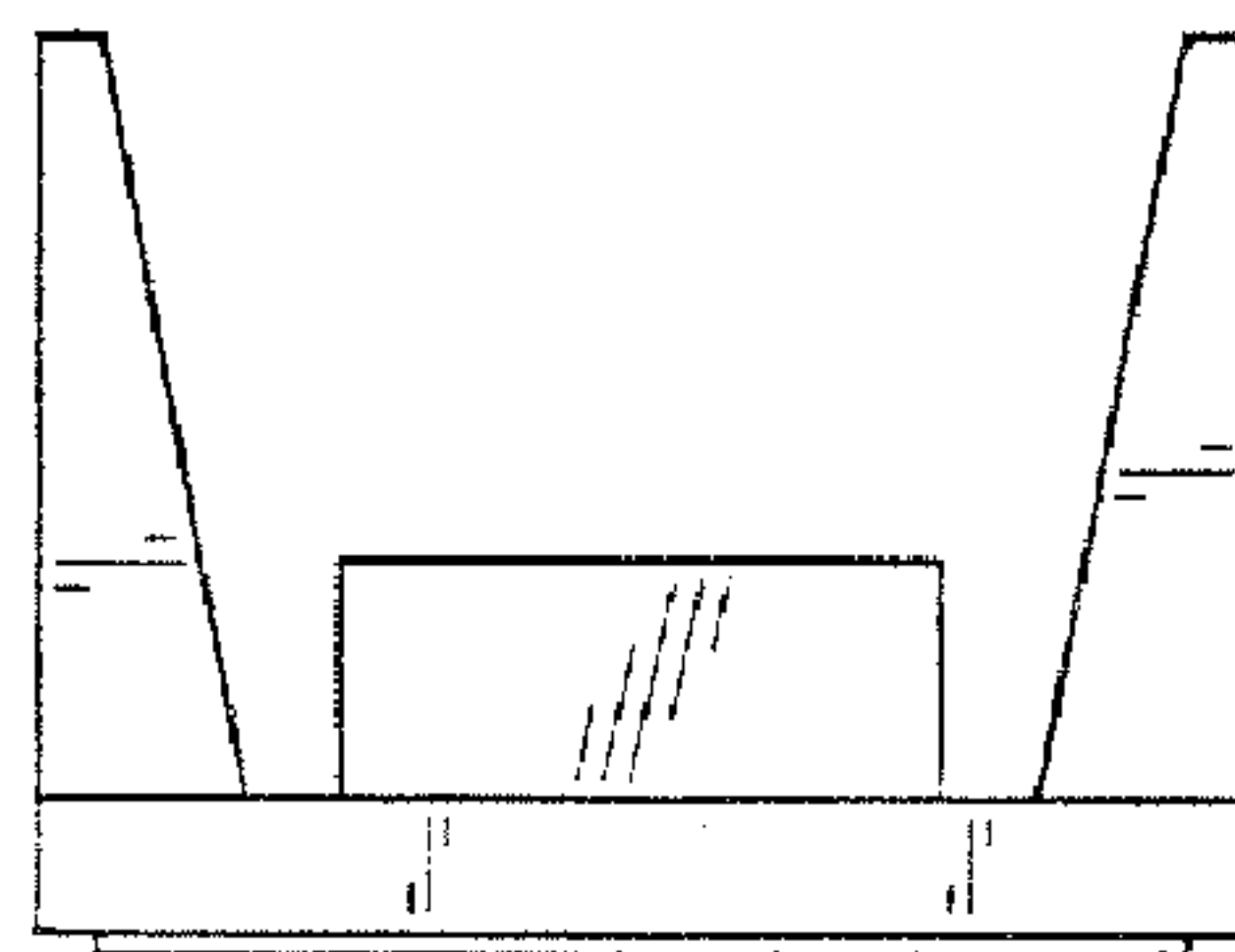


FIG. 4

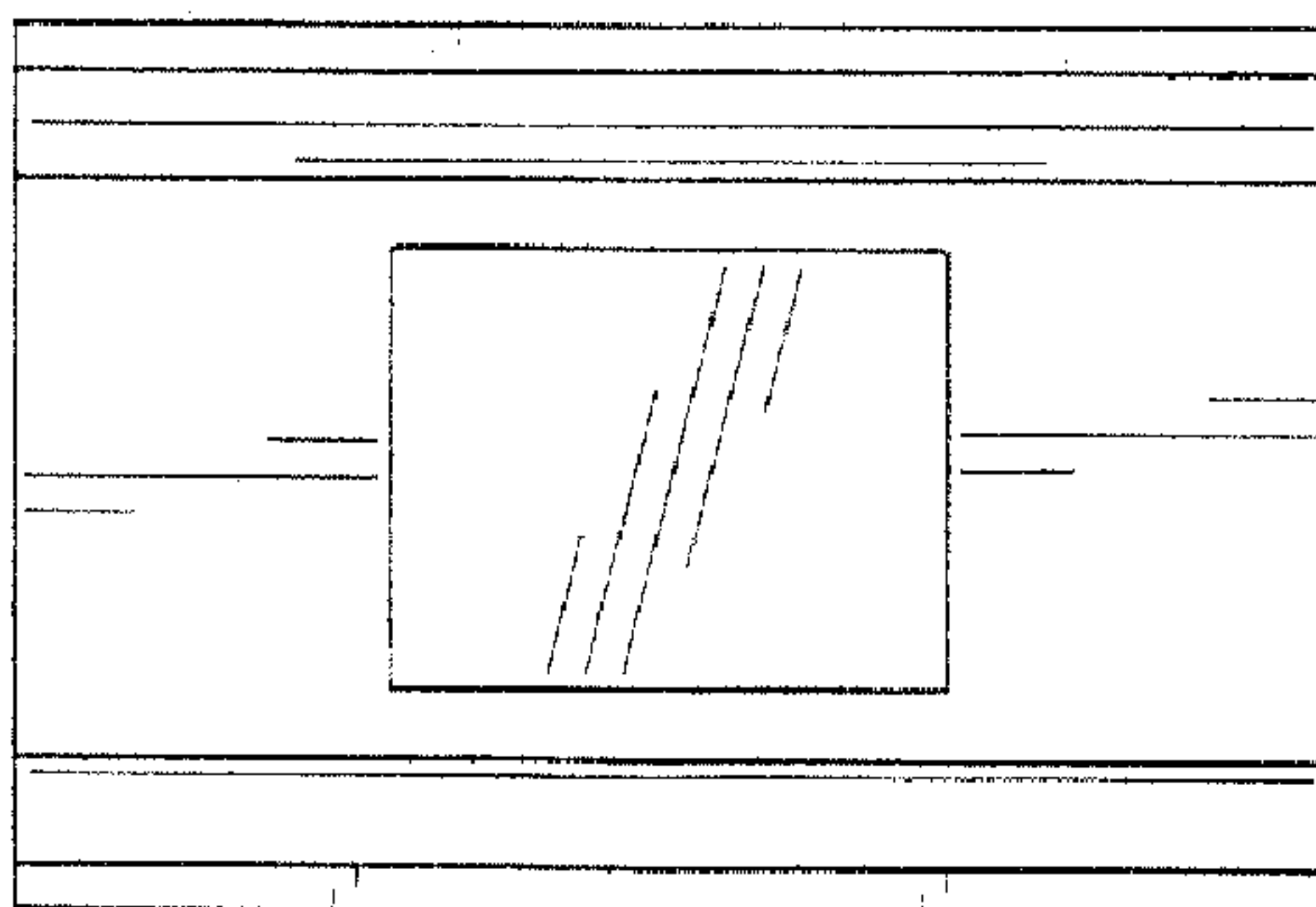


FIG. 5

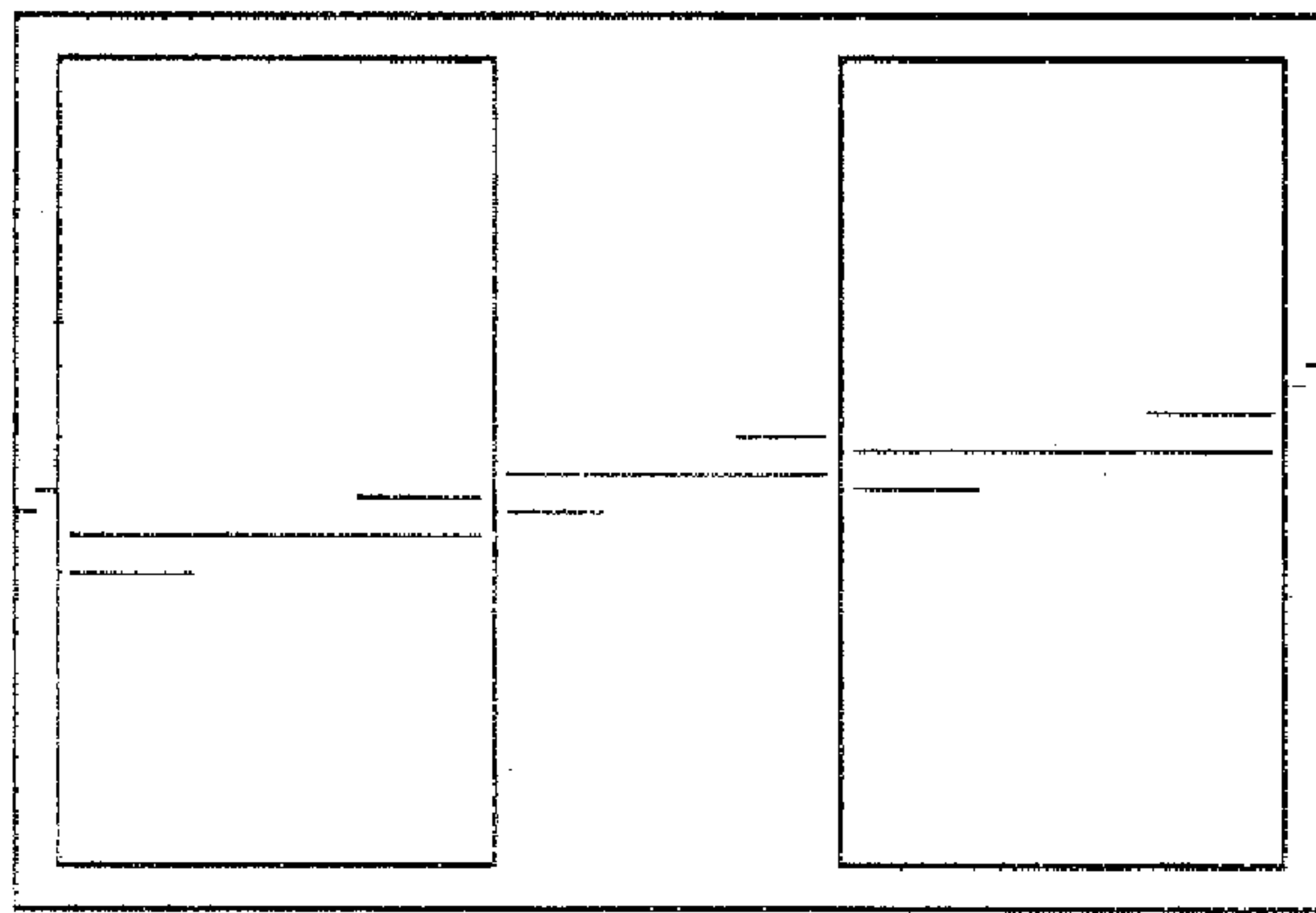


FIG. 6

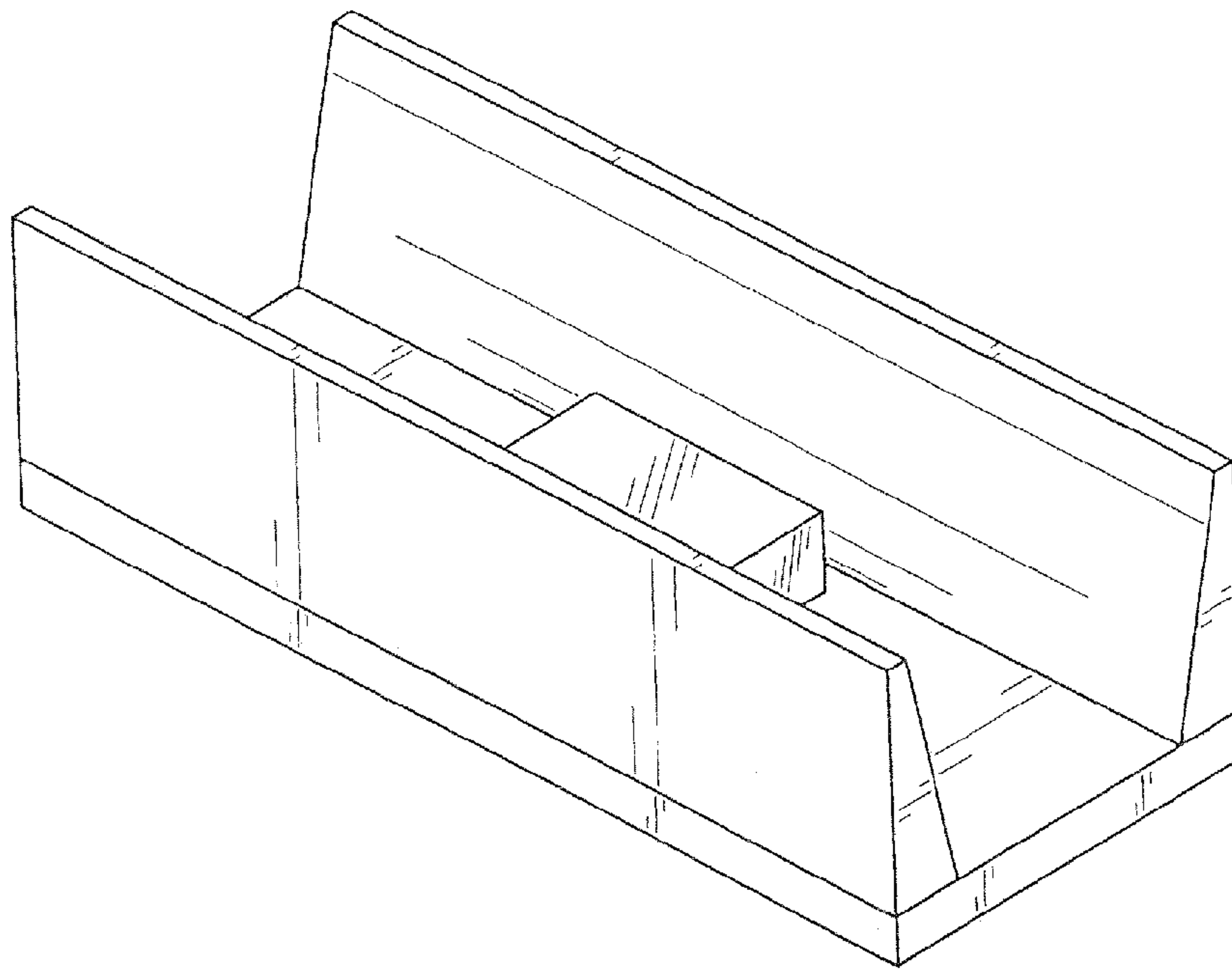


FIG. 7

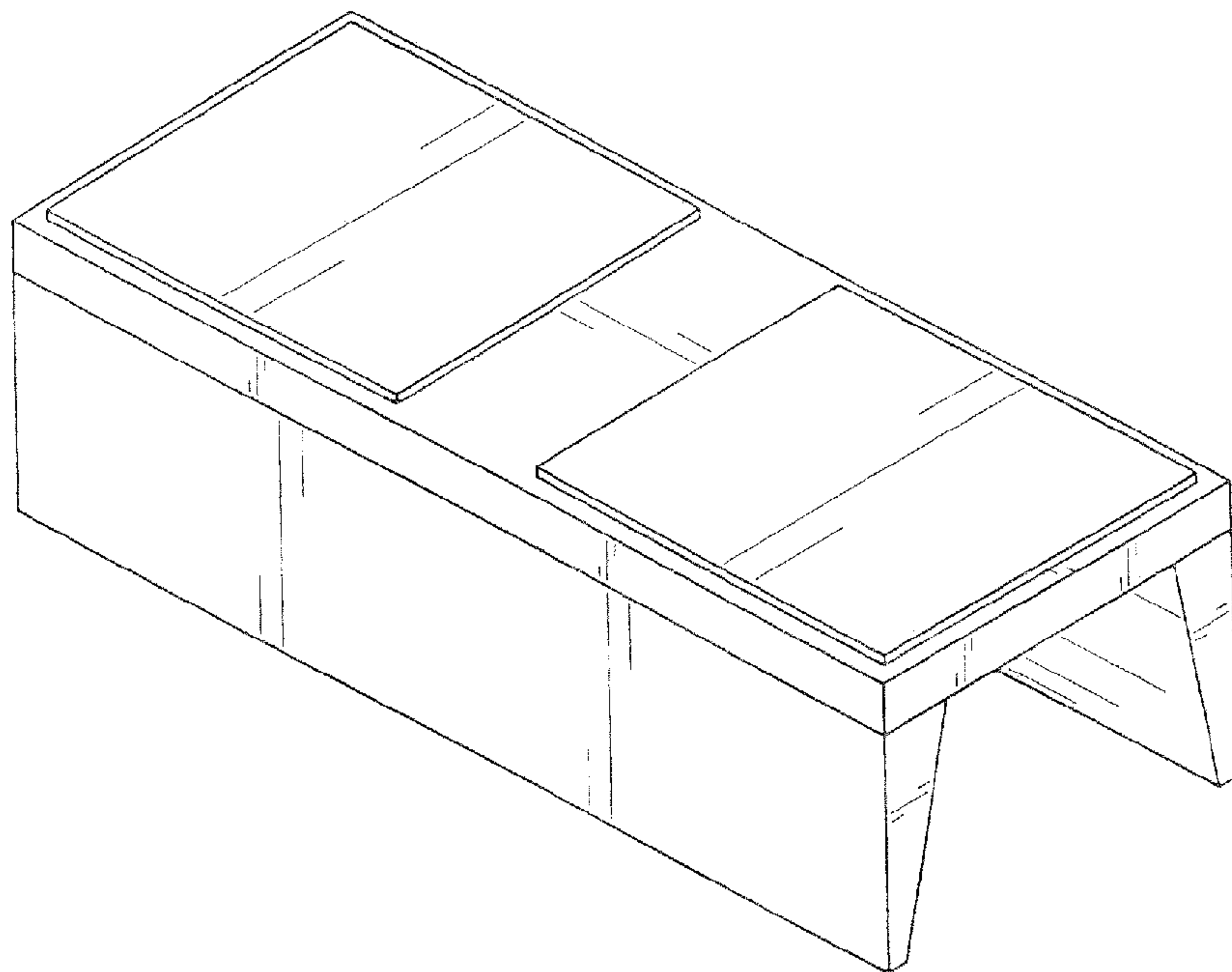


FIG. 8

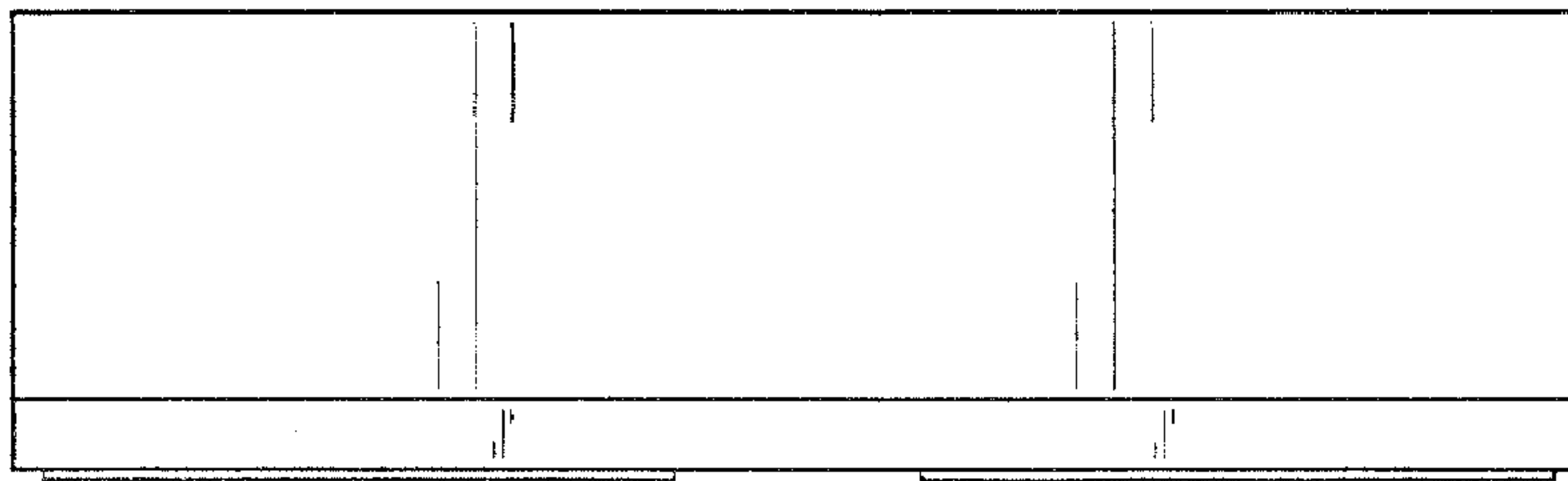


FIG. 9

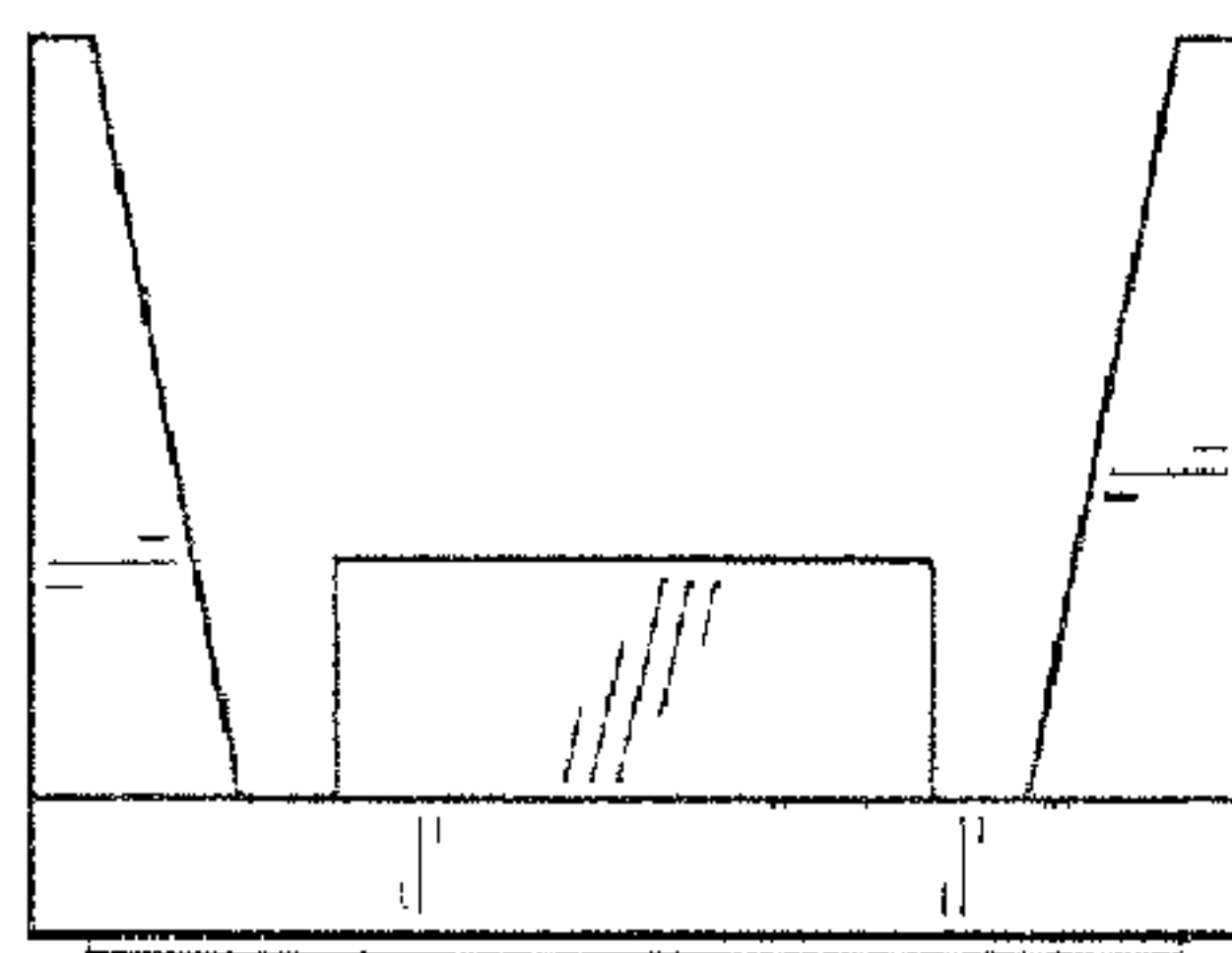


FIG. 10

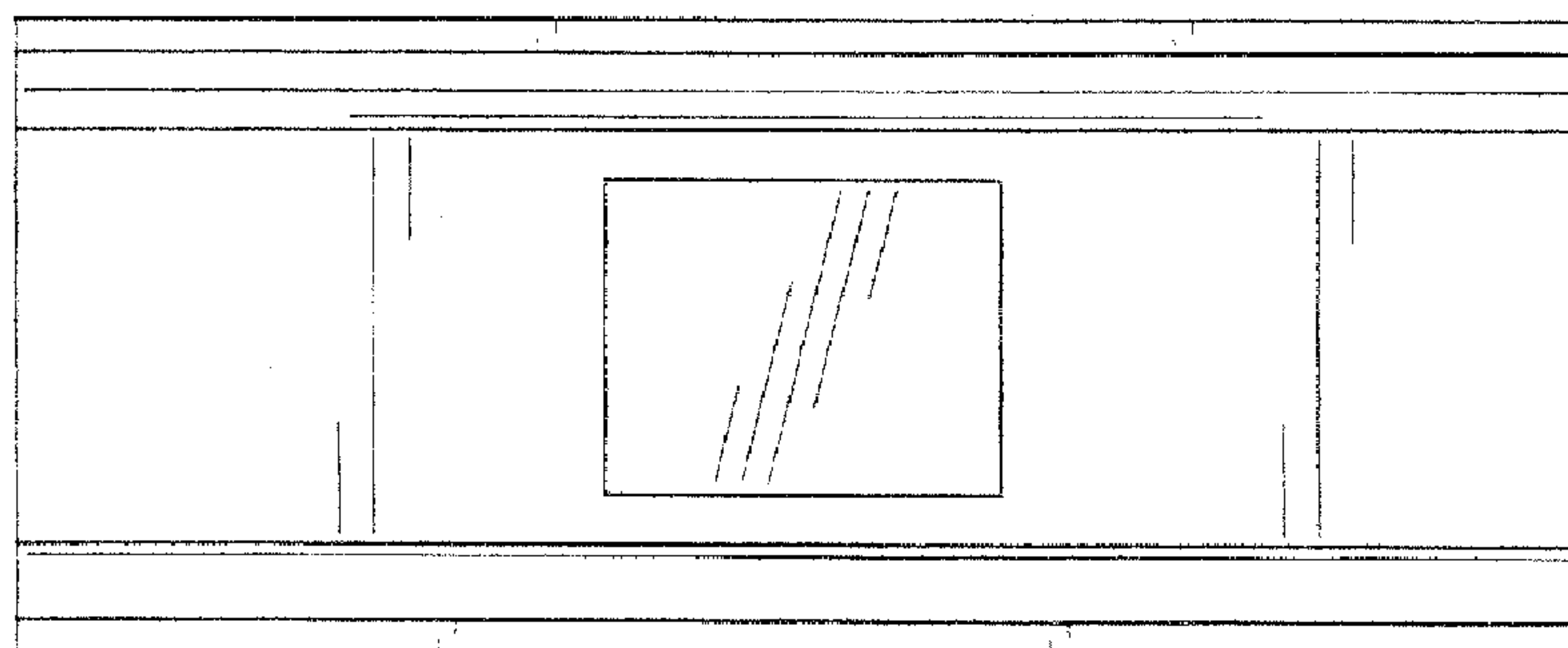


FIG. 11

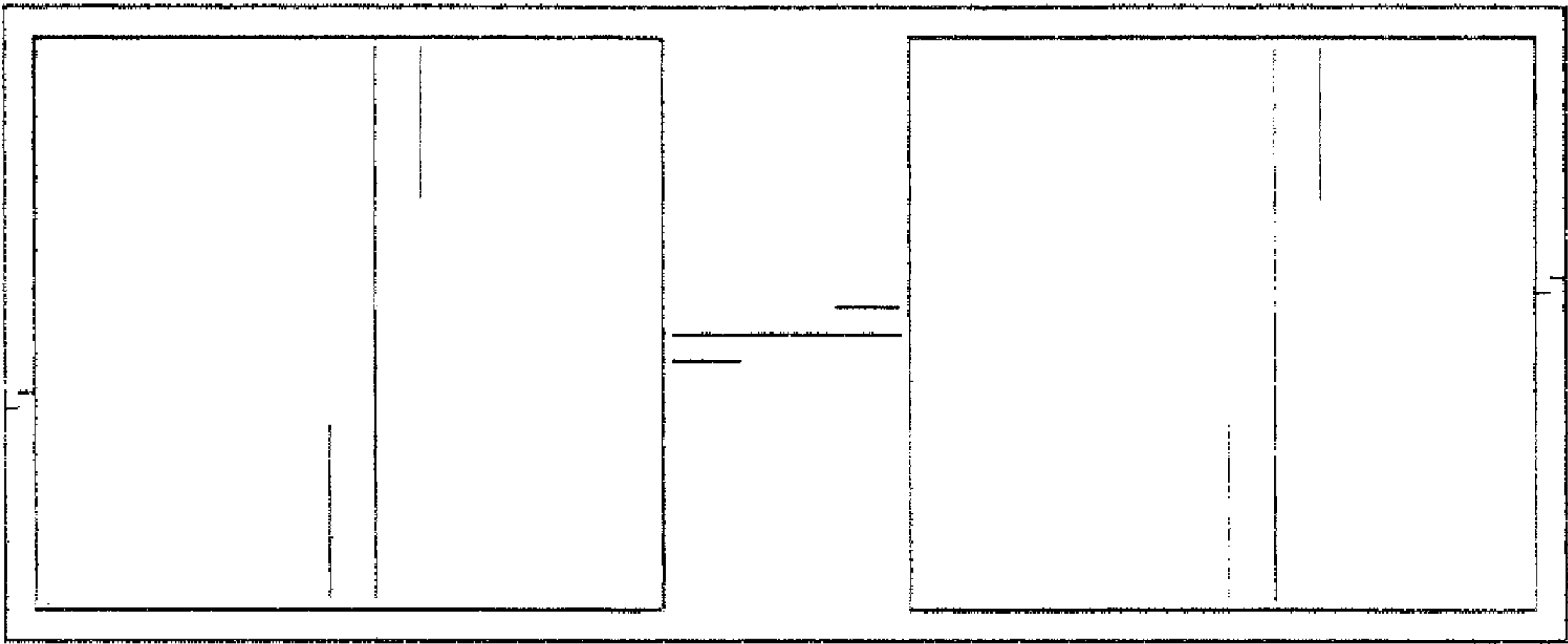


FIG. 12

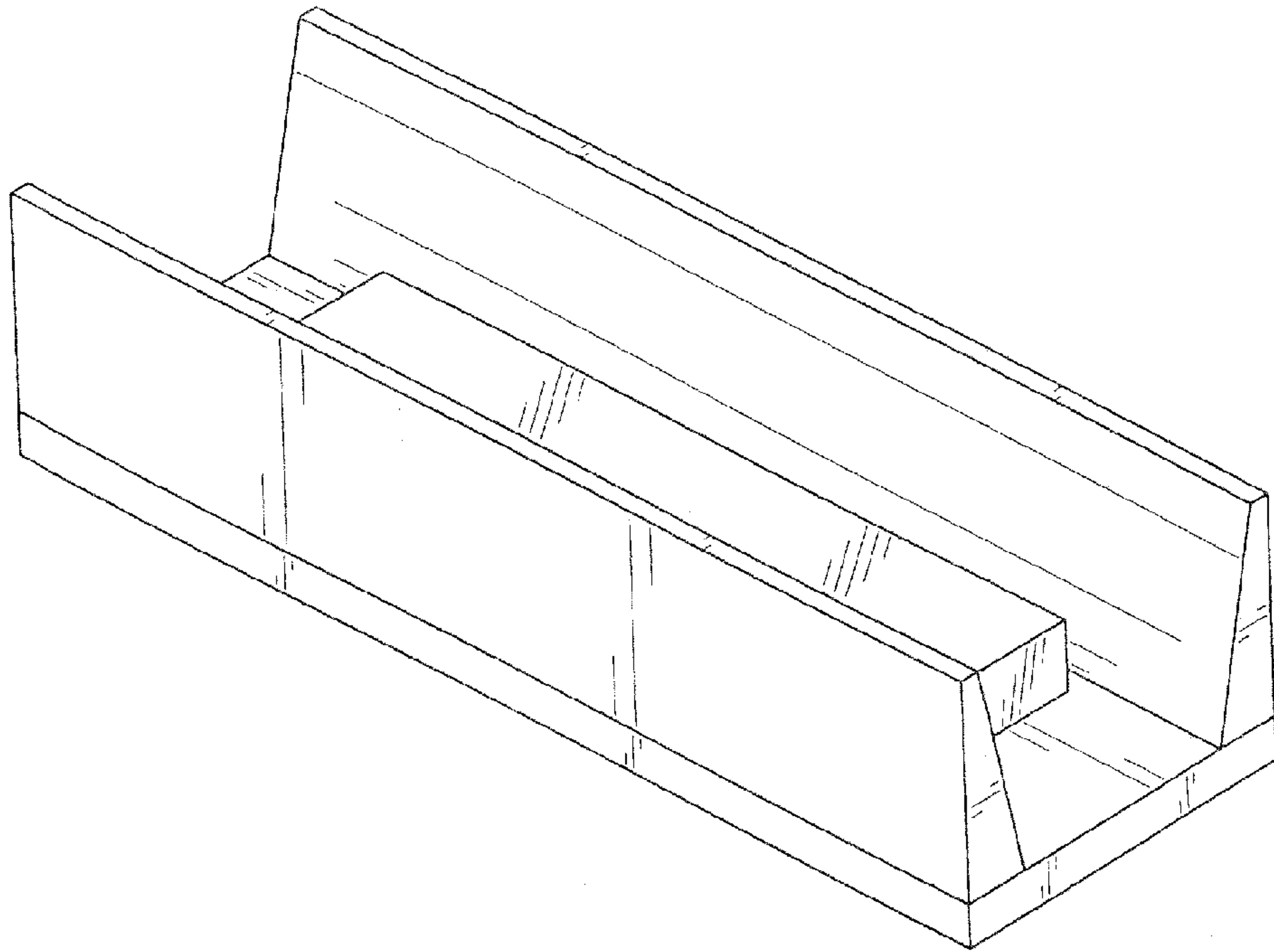


FIG. 13

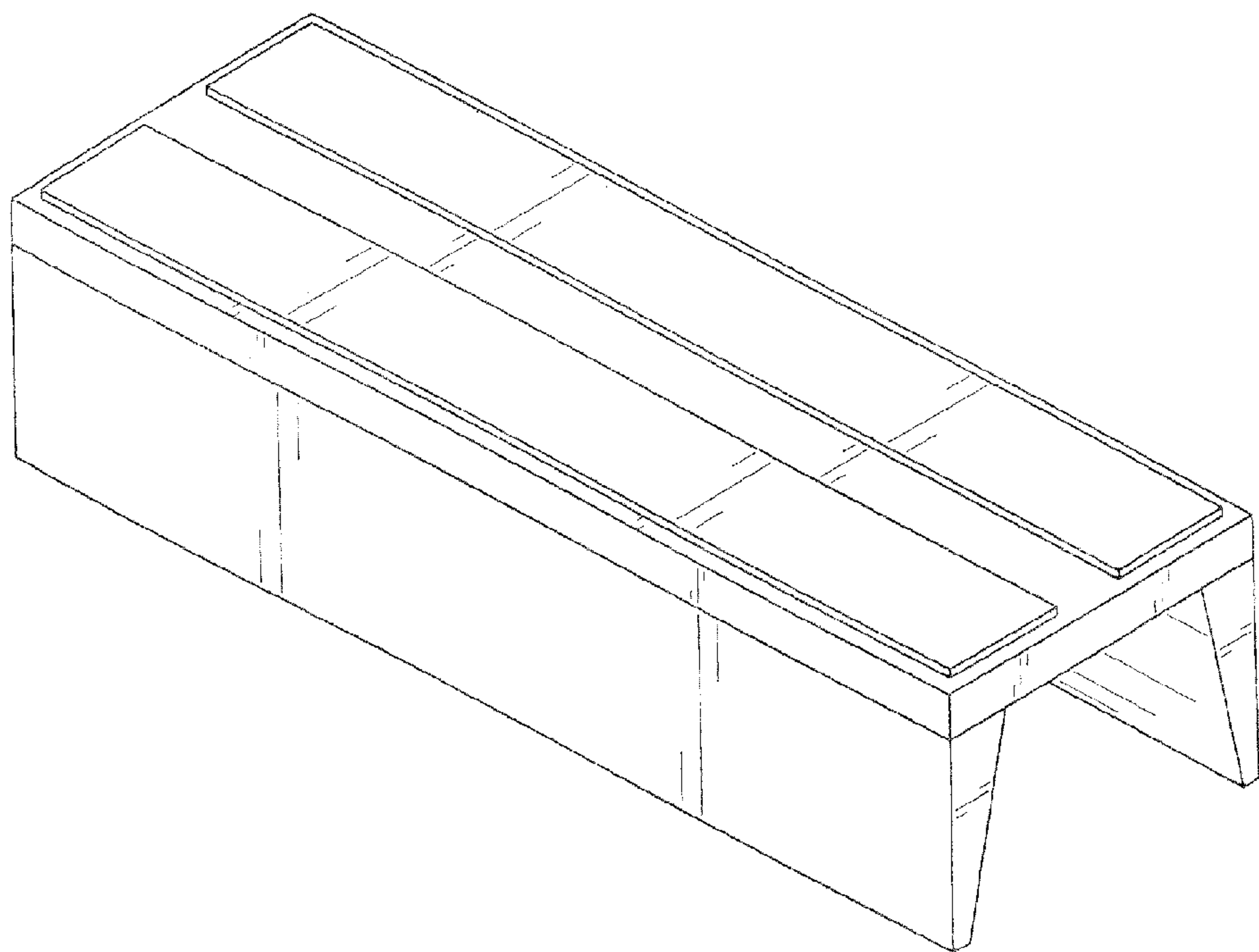


FIG. 14

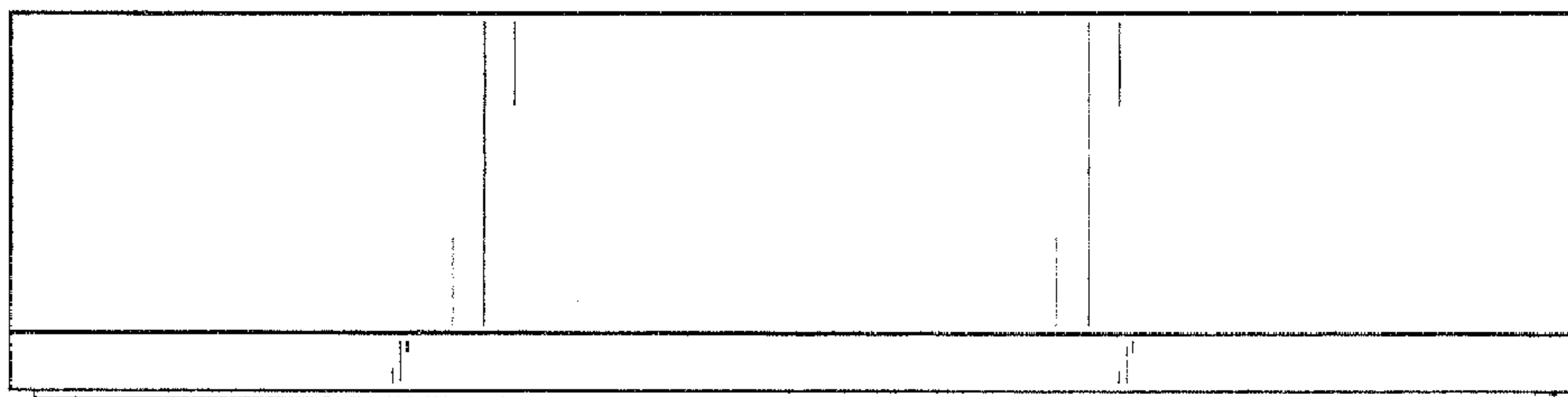


FIG. 15

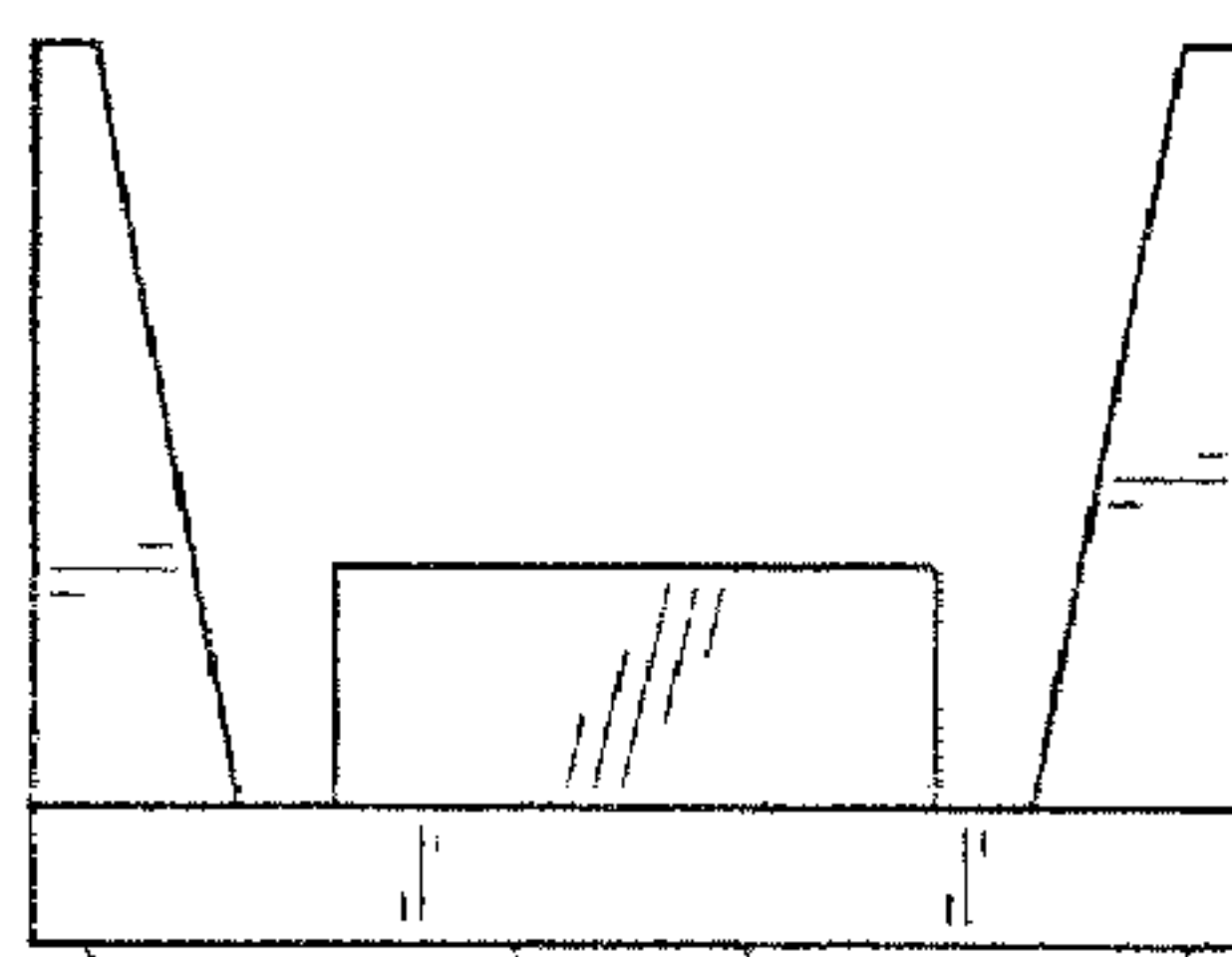


FIG. 16

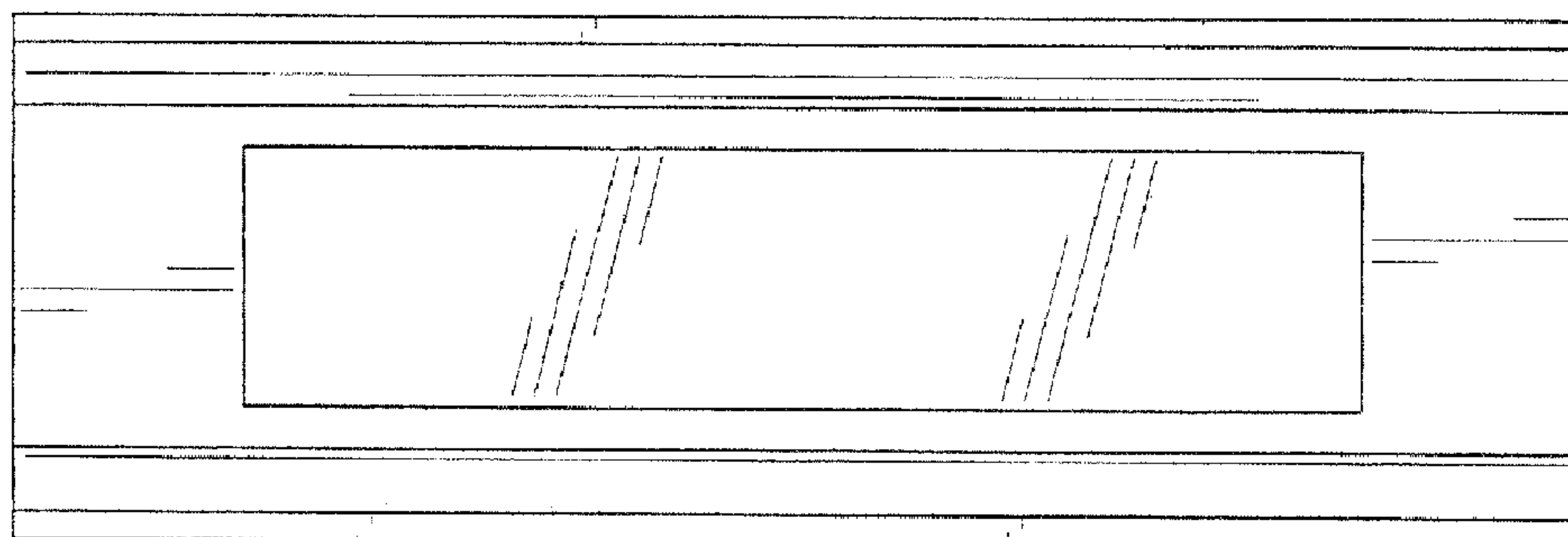


FIG. 17

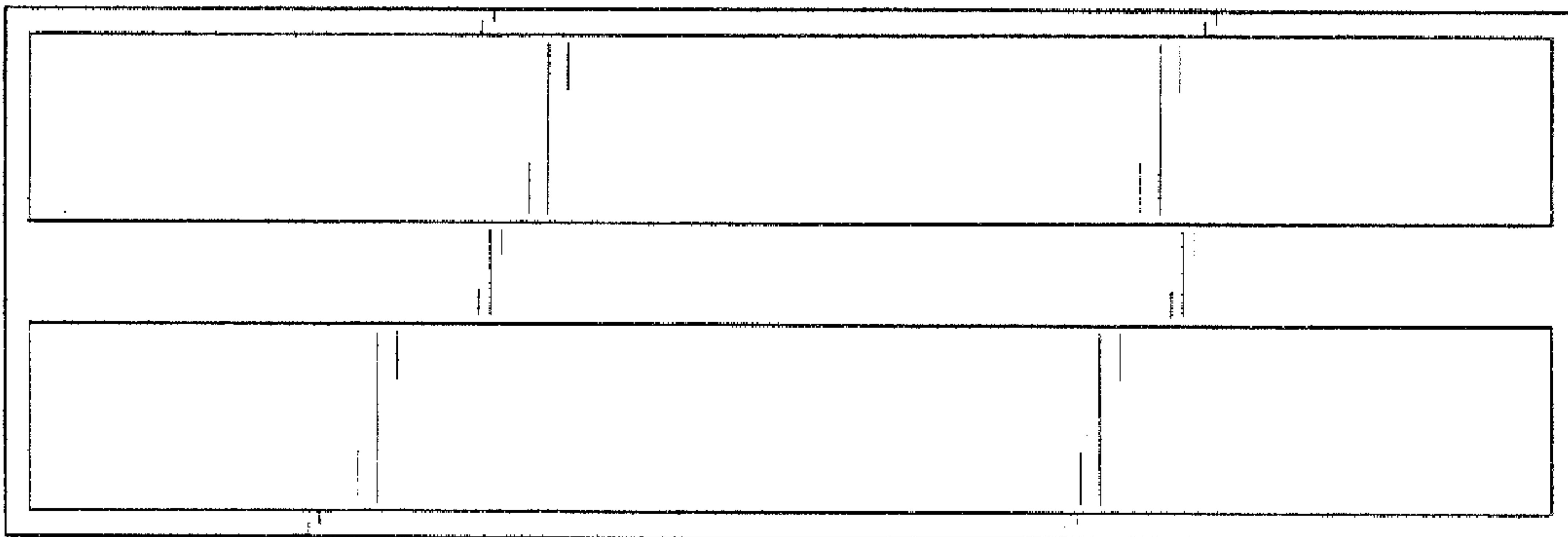


FIG. 18