



US00D886166S

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

(10) **Patent No.:** **US D886,166 S**
(45) **Date of Patent:** **** Jun. 2, 2020**

(54) **REFRIGERATOR**

(71) Applicant: **SAMSUNG ELECTRONICS CO., LTD.**, Suwon-si, Gyeonggi-do (KR)

(72) Inventors: **Bin-Na Kim**, Seoul (KR); **Sang-Woon Jeon**, Seoul (KR); **Sun-Min Lee**, Seoul (KR)

(73) Assignee: **SAMSUNG ELECTRONICS CO., LTD.**, Gyeonggi-Do (KR)

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

(21) Appl. No.: **29/676,701**

(22) Filed: **Jan. 14, 2019**

(30) **Foreign Application Priority Data**

Jul. 24, 2018 (KR) 30-2018-0034323

(51) **LOC (12) Cl.** **15-07**

(52) **U.S. Cl.**
USPC **D15/89**

(58) **Field of Classification Search**
USPC D15/79-91

(Continued)

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Primary Examiner — Khawaja Anwar

(74) *Attorney, Agent, or Firm* — Cantor Colburn LLP

(57) **CLAIM**

The ornamental design for a refrigerator, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of a refrigerator, showing our new design;

FIG. 2 is a front view thereof;

FIG. 3 is a rear view thereof;

FIG. 4 is a left-side view thereof;

FIG. 5 is a right-side view thereof;

FIG. 6 is a top view thereof;

FIG. 7 is a bottom view thereof;

FIG. 8 is a front perspective view of the refrigerator in an alternate configuration;

FIG. 9 is a front view thereof;

FIG. 10 is a rear view thereof;

FIG. 11 is a left-side view thereof;

FIG. 12 is a right-side view thereof;

FIG. 13 is a top view thereof;

FIG. 14 is a bottom view thereof;

FIG. 15 is a front perspective view of the refrigerator in another alternate configuration;

FIG. 16 is a front view thereof;

FIG. 17 is a rear view thereof;

FIG. 18 is a left-side view thereof;

FIG. 19 is a right-side view thereof;

FIG. 20 is a top view thereof;

FIG. 21 is a bottom view thereof;

FIG. 22 is a front perspective view of the Refrigerator in another alternate configuration;

FIG. 23 is a front view thereof;

FIG. 24 is a rear view thereof;

FIG. 25 is a left-side view thereof;

FIG. 26 is a right-side view thereof;

FIG. 27 is a top view thereof;

FIG. 28 is a bottom view thereof;

FIG. 29 is another perspective view showing only a top shelf portion of the refrigerator shown in FIG. 1;

FIG. 30 is a front view thereof;

FIG. 31 is a rear view thereof;

FIG. 32 is a left-side view thereof;

(Continued)

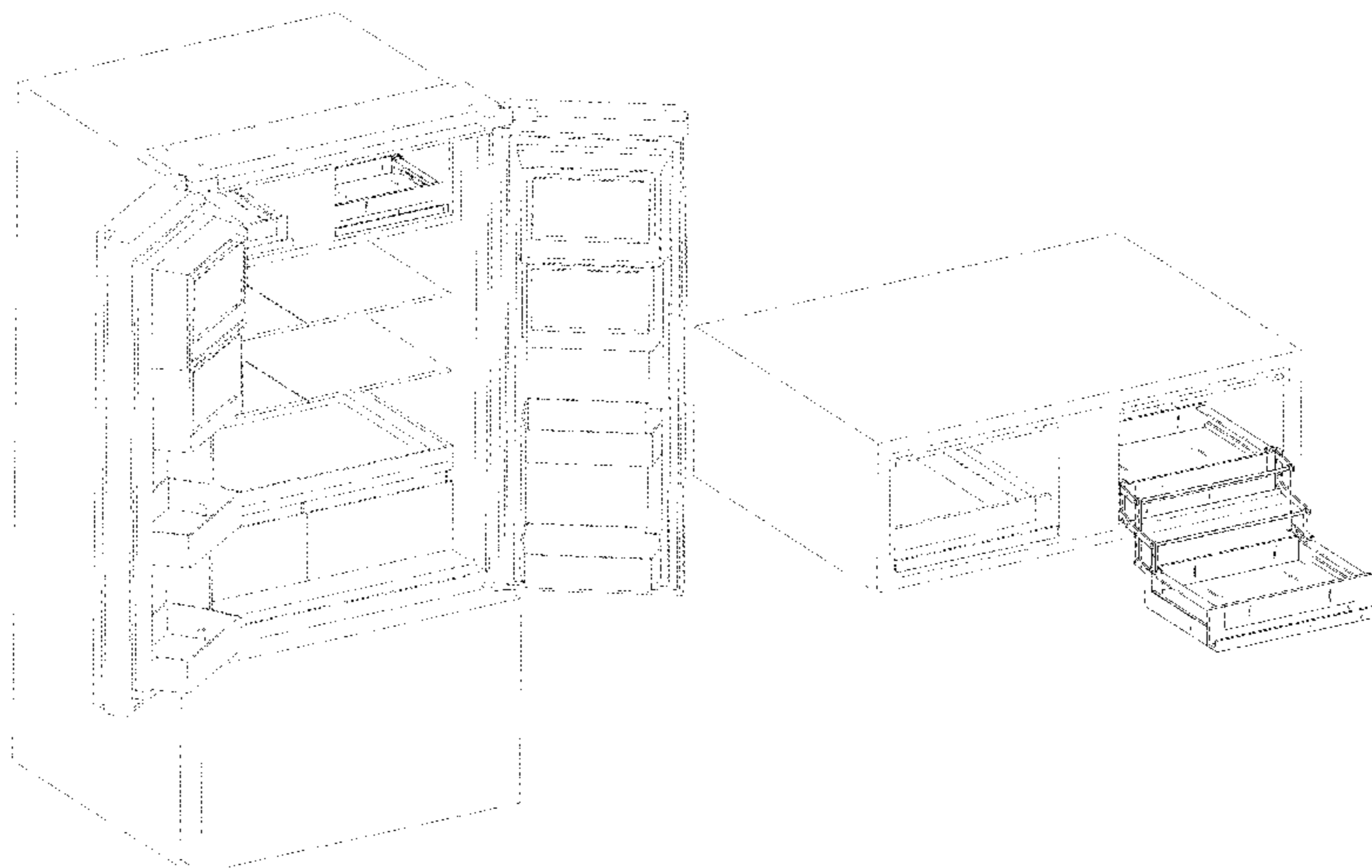


FIG. 33 is a right-side view thereof;
 FIG. 34 is a top plan view thereof;
 FIG. 35 is a bottom plan view thereof;
 FIG. 36 is another perspective view showing only a top shelf portion of the refrigerator shown in FIG. 8;
 FIG. 37 is a front view thereof;
 FIG. 38 is a rear view thereof;
 FIG. 39 is a left-side view thereof;
 FIG. 40 is a right-side view thereof;
 FIG. 41 is a top plan view thereof;
 FIG. 42 is a bottom plan view thereof;
 FIG. 43 is another perspective view showing only a top shelf portion of the refrigerator shown in FIG. 15;
 FIG. 44 is a front view thereof;
 FIG. 45 is a rear view thereof;
 FIG. 46 is a left-side view thereof;
 FIG. 47 is a right-side view thereof;
 FIG. 48 is a top plan view thereof;
 FIG. 49 is a bottom plan view thereof;
 FIG. 50 is another perspective view showing only a top shelf portion of the refrigerator shown in FIG. 22;
 FIG. 51 is a front view thereof;
 FIG. 52 is a rear view thereof;
 FIG. 53 is a left-side view thereof;
 FIG. 54 is a right-side view thereof;
 FIG. 55 is a top plan view thereof;
 FIG. 56 is a bottom plan view thereof;
 FIG. 57 is a cross sectional view taken along line 57-57 in FIG. 30;
 FIG. 58 is a cross sectional view taken along line 58-58 in FIG. 37;
 FIG. 59 is a cross sectional view taken along line 59-59 in FIG. 44; and,
 FIG. 60 is a cross sectional view taken along line 60-60 in FIG. 51.

The broken lines illustrating portions of the refrigerator form no part of the claimed design.

1 Claim, 60 Drawing Sheets

(58) **Field of Classification Search**

CPC F25D 23/028; F25D 25/02; F25D 11/00;
 F25D 11/02; F25D 2323/021; F25D
 23/12; F25D 2700/12; F25D 27/00; F25D
 29/00; F25D 17/042; F25D 17/047; F25D
 17/065; F25D 2317/043; F25D 2317/066;
 F25D 2317/0671; F25D 2323/121; F25D
 2331/801; F25D 23/02; F25D 23/04;
 F25D 23/08; F25D 2400/06; F25D
 2400/16; F25D 2500/06; F25D 2700/02;
 F25D 2700/14; F25D 29/003; F25D
 29/005; F25D 29/006

See application file for complete search history.

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D873,311	S	*	1/2020	Kim	D15/89
D874,527	S	*	2/2020	Kim	D15/81

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KR	300770869	S	11/2014

* cited by examiner

FIG. 1

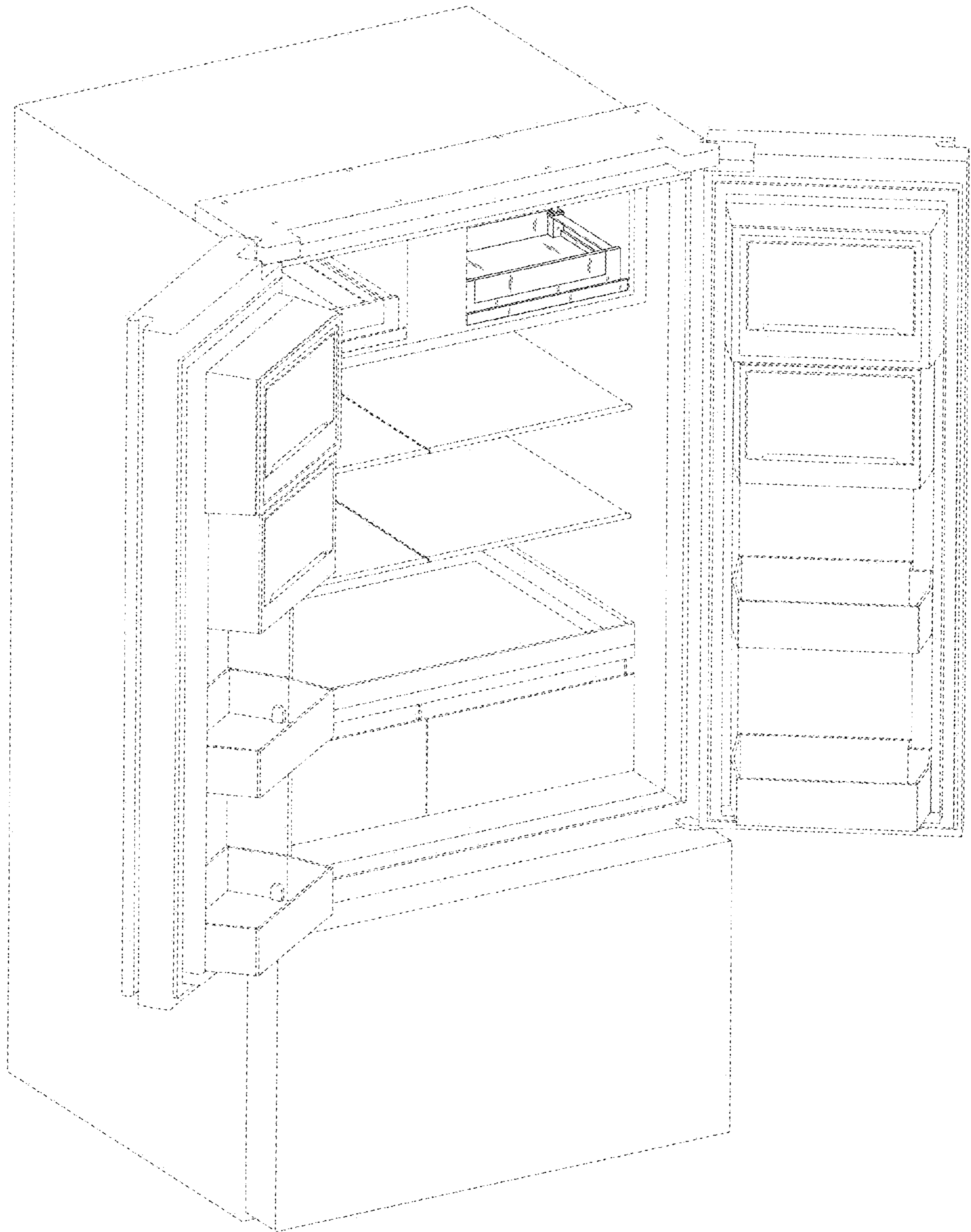


FIG. 2

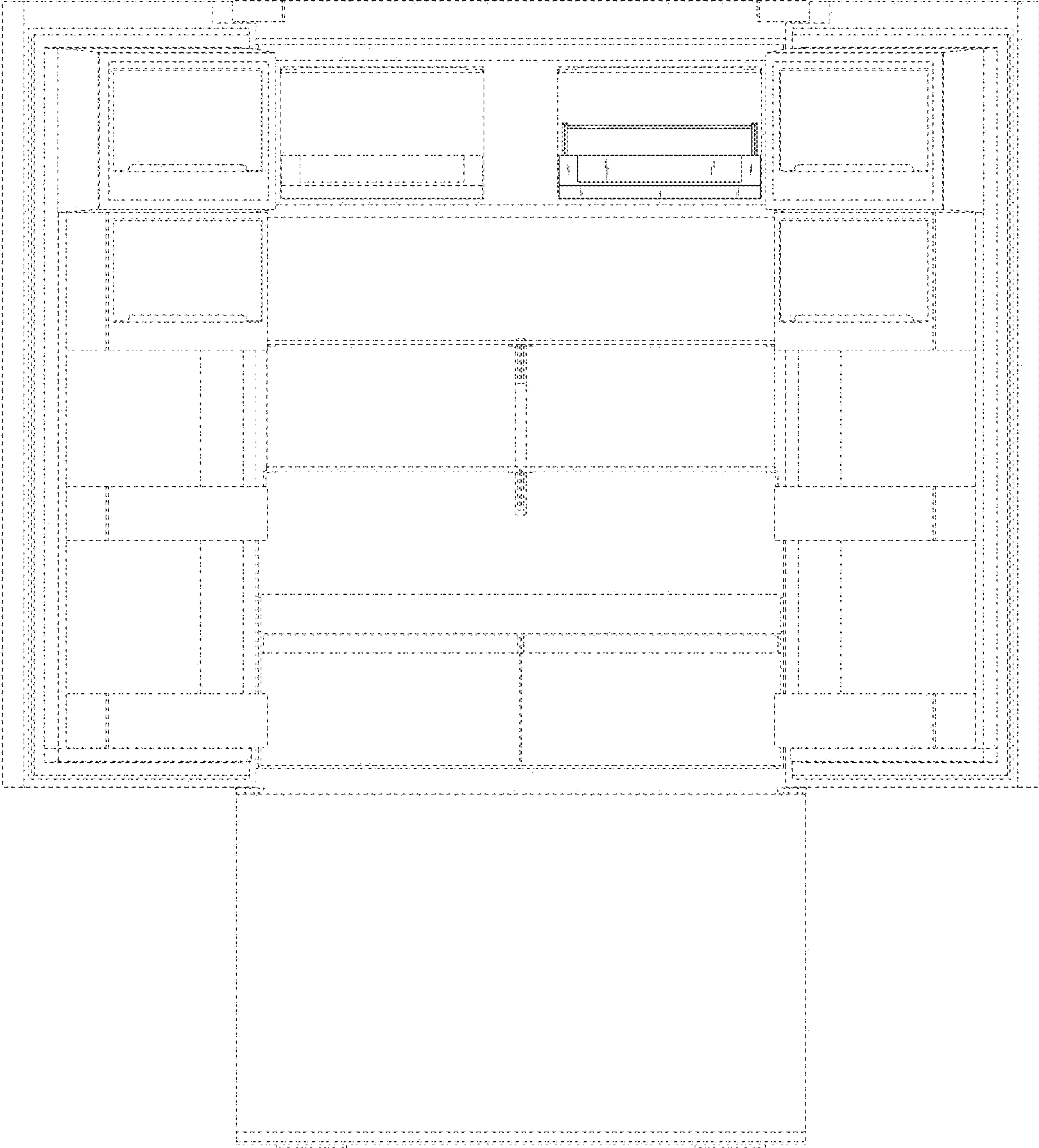


FIG. 3

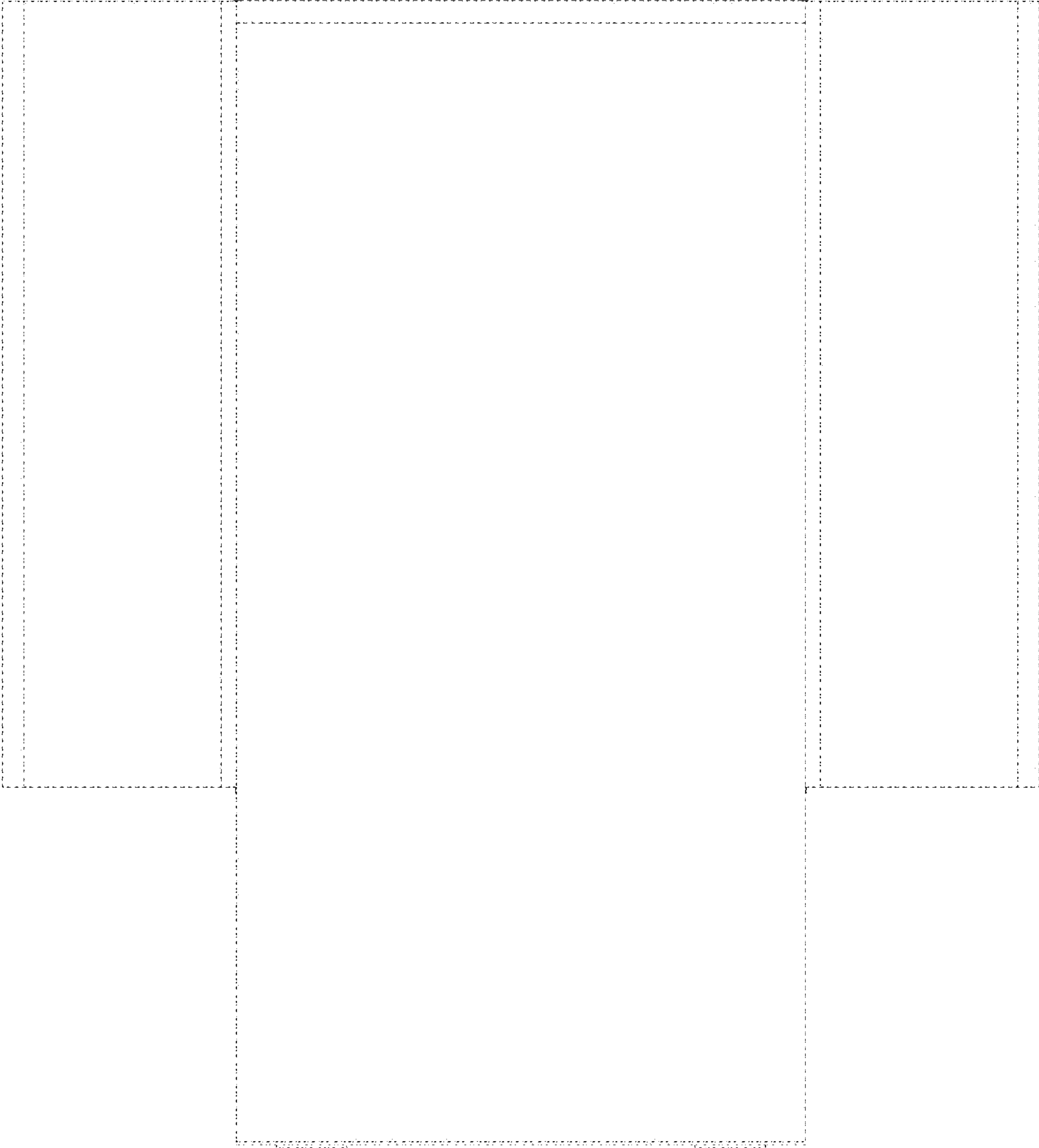


FIG. 4

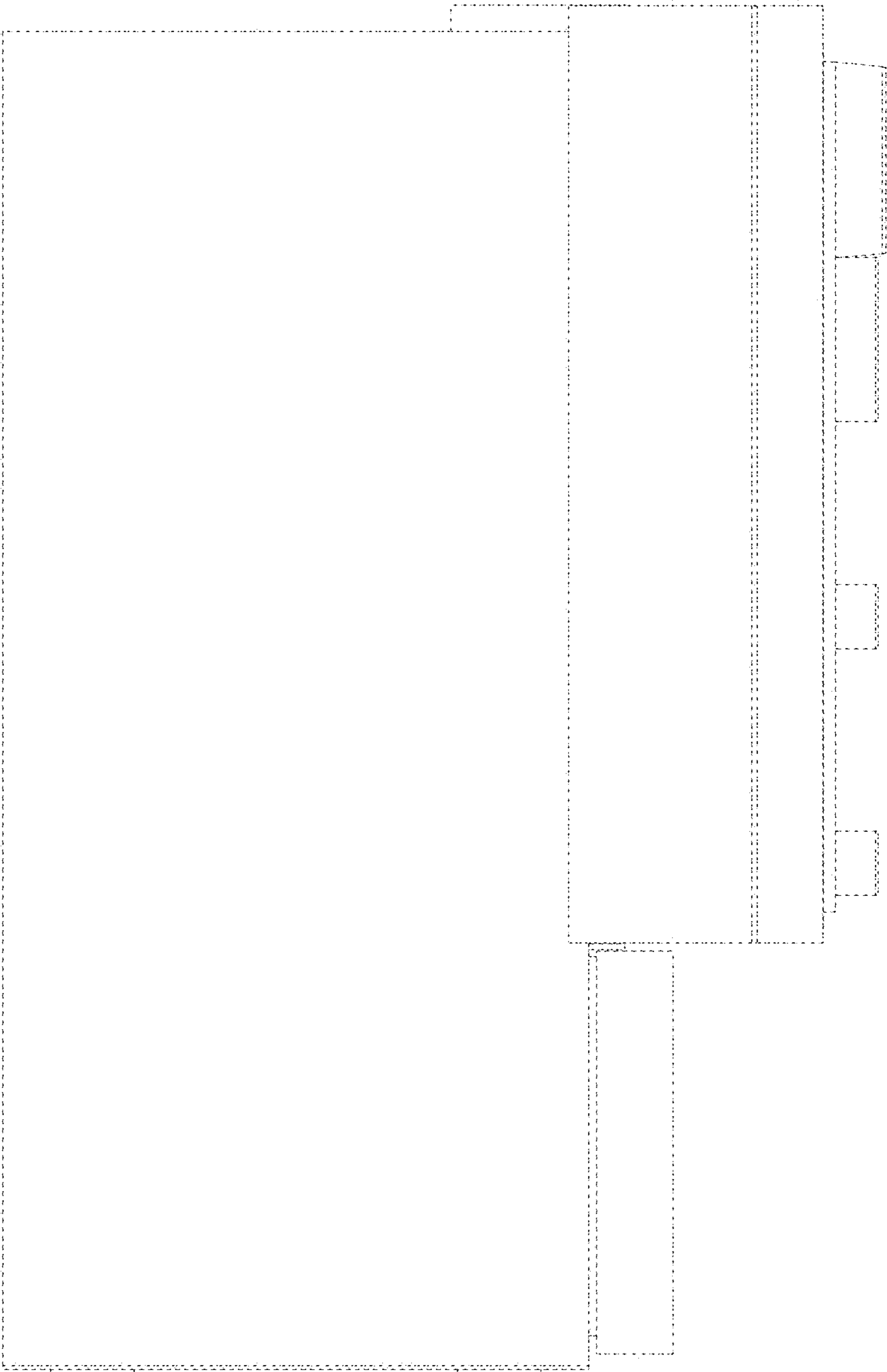


FIG. 5

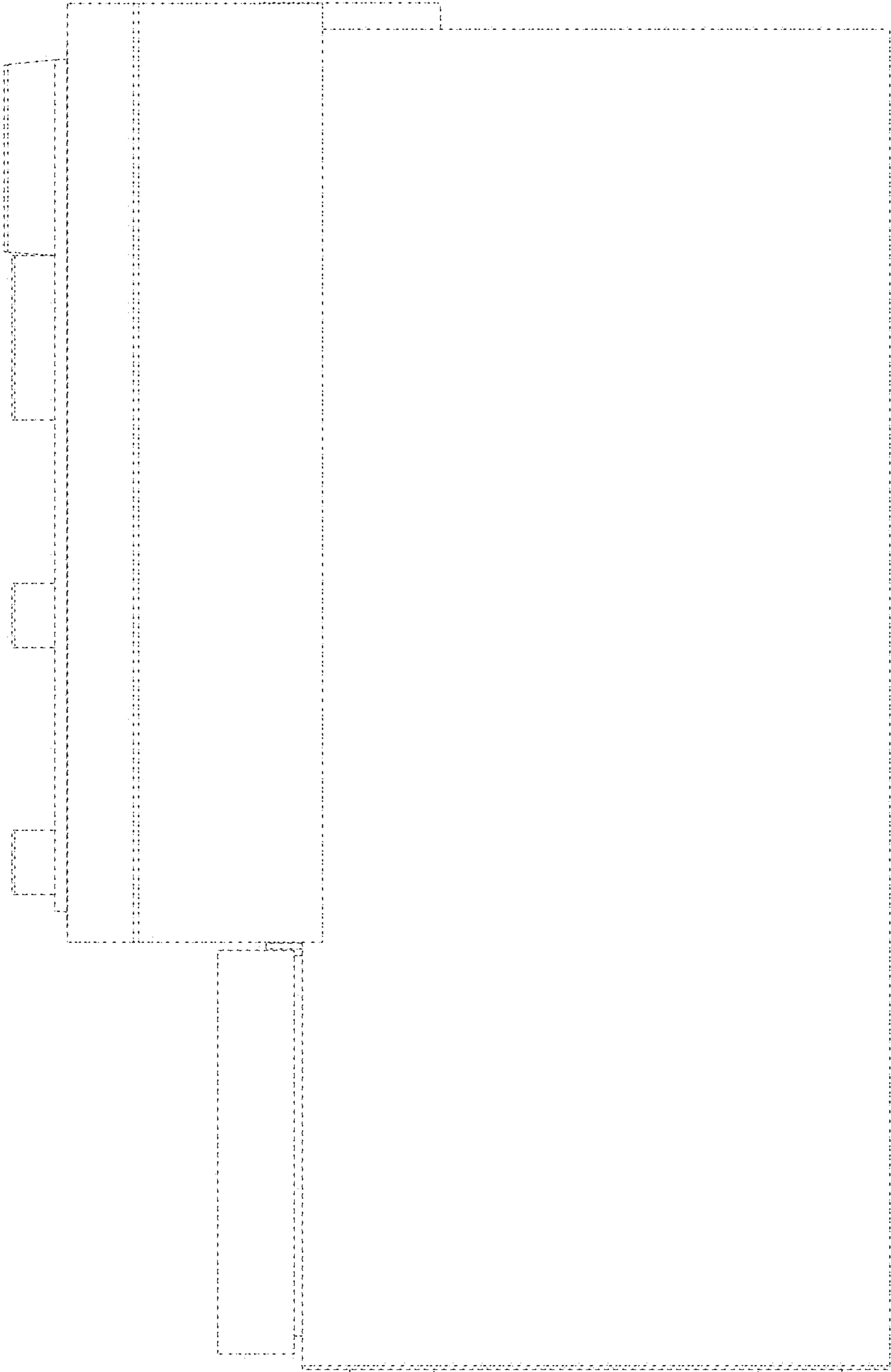


FIG. 6

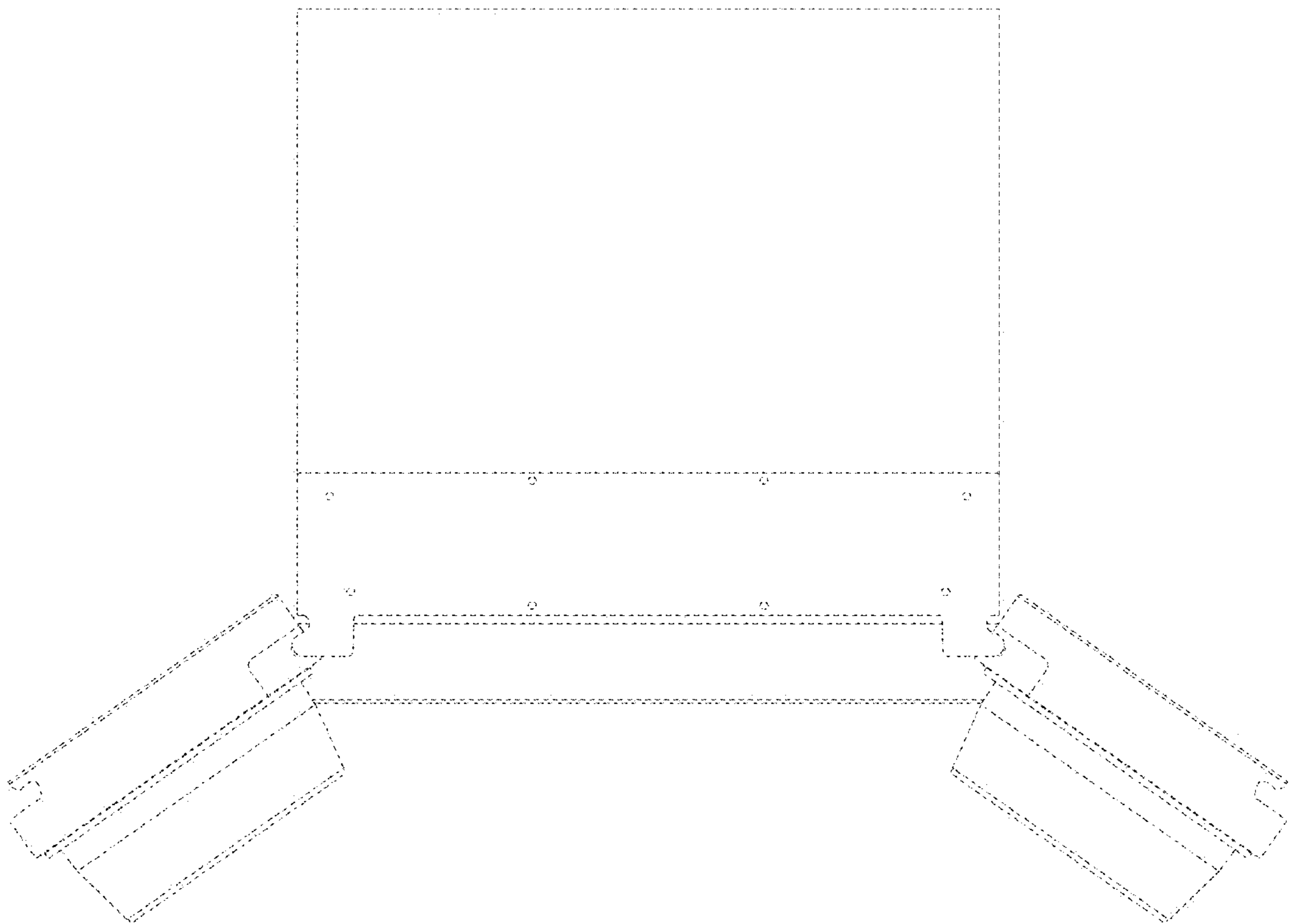


FIG. 7

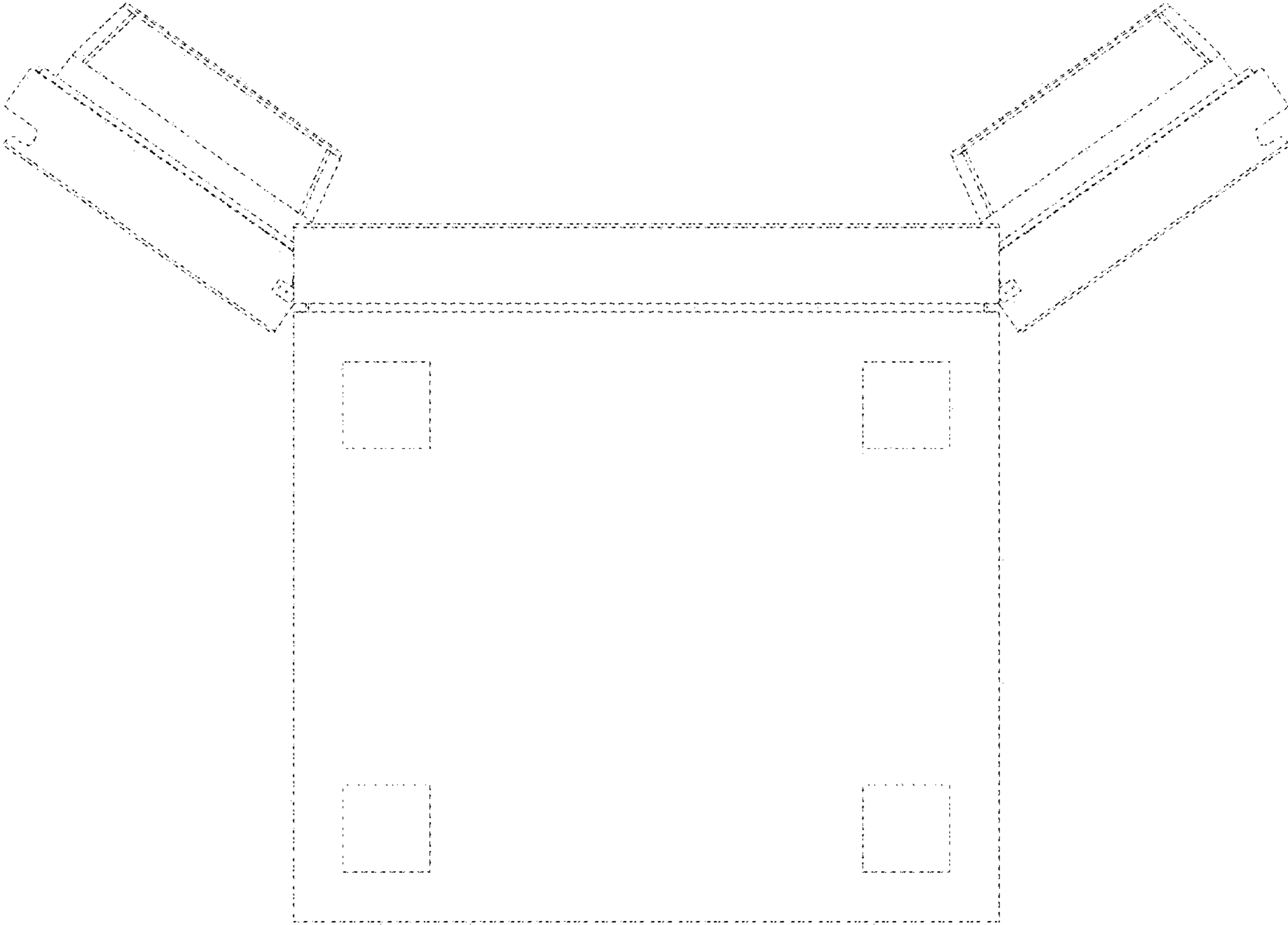


FIG. 8

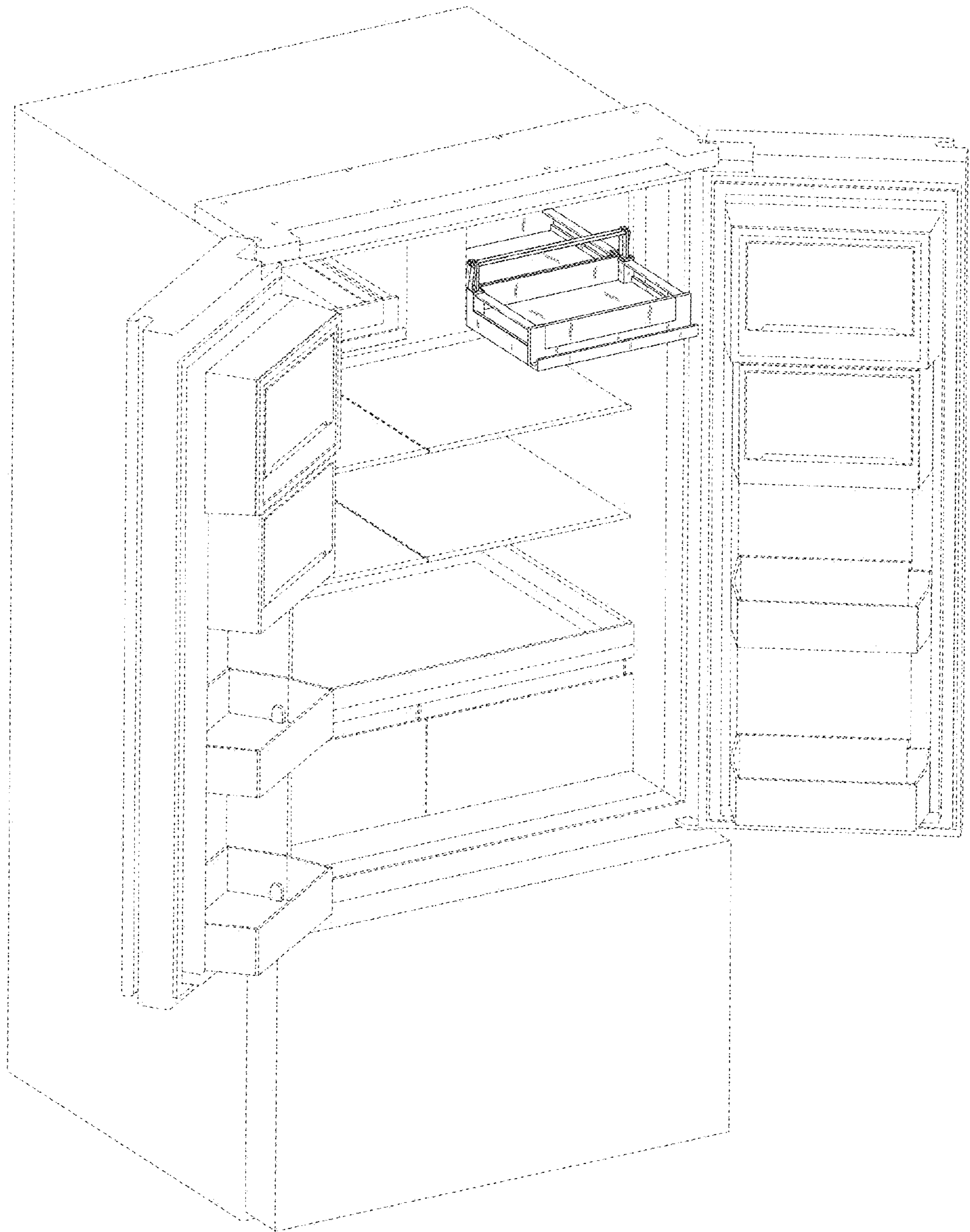


FIG. 9

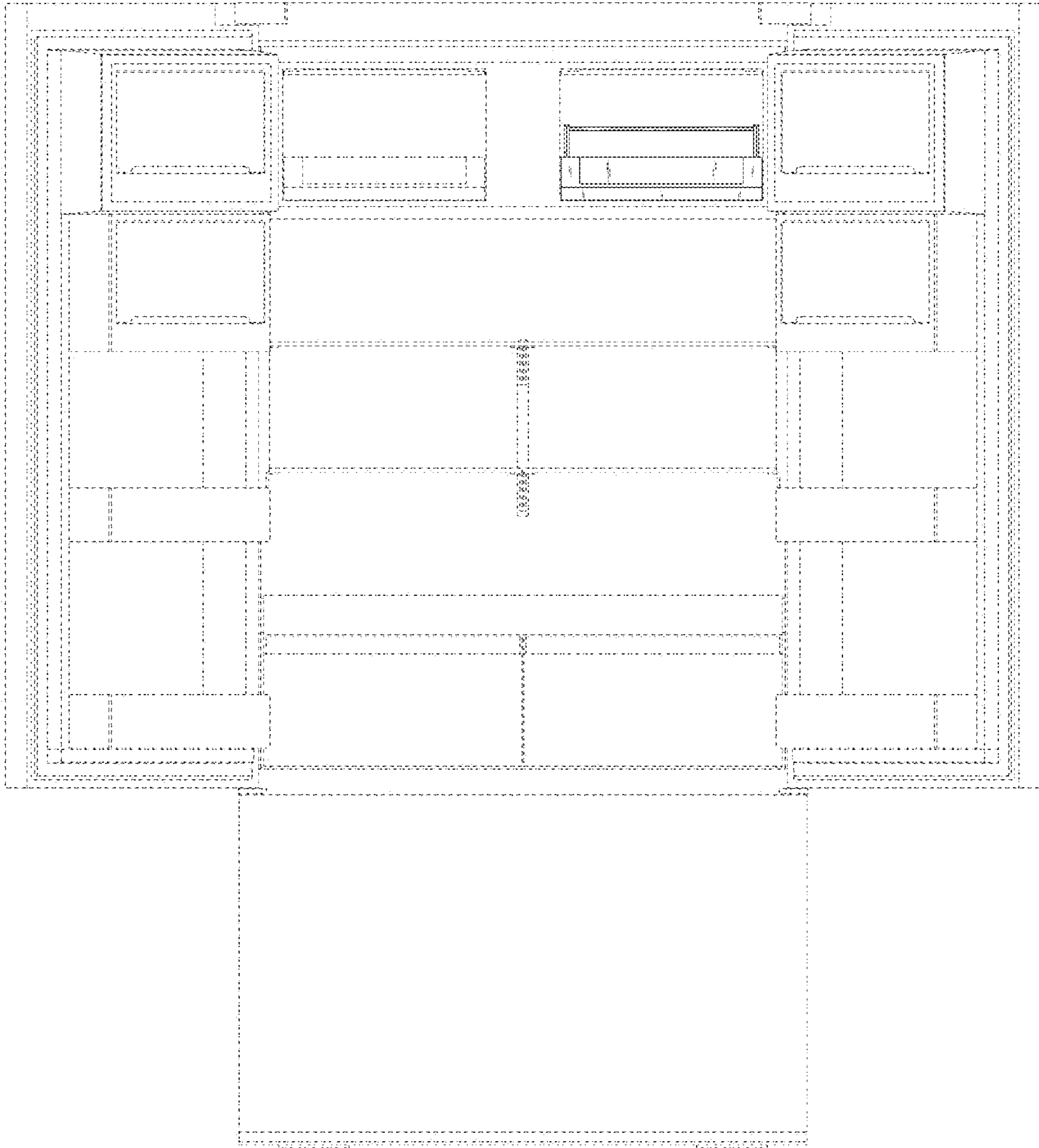


FIG. 10

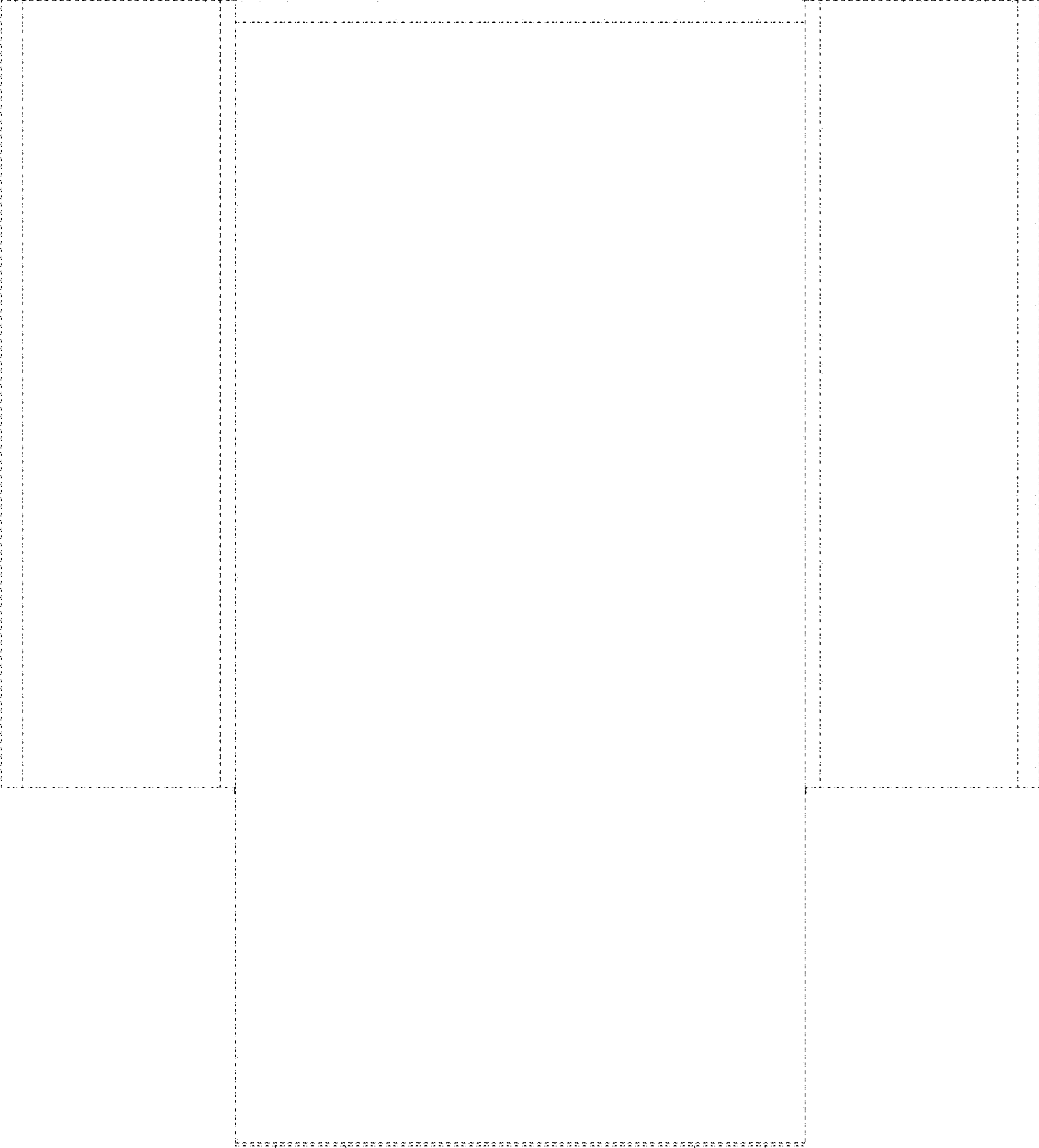


FIG. 11

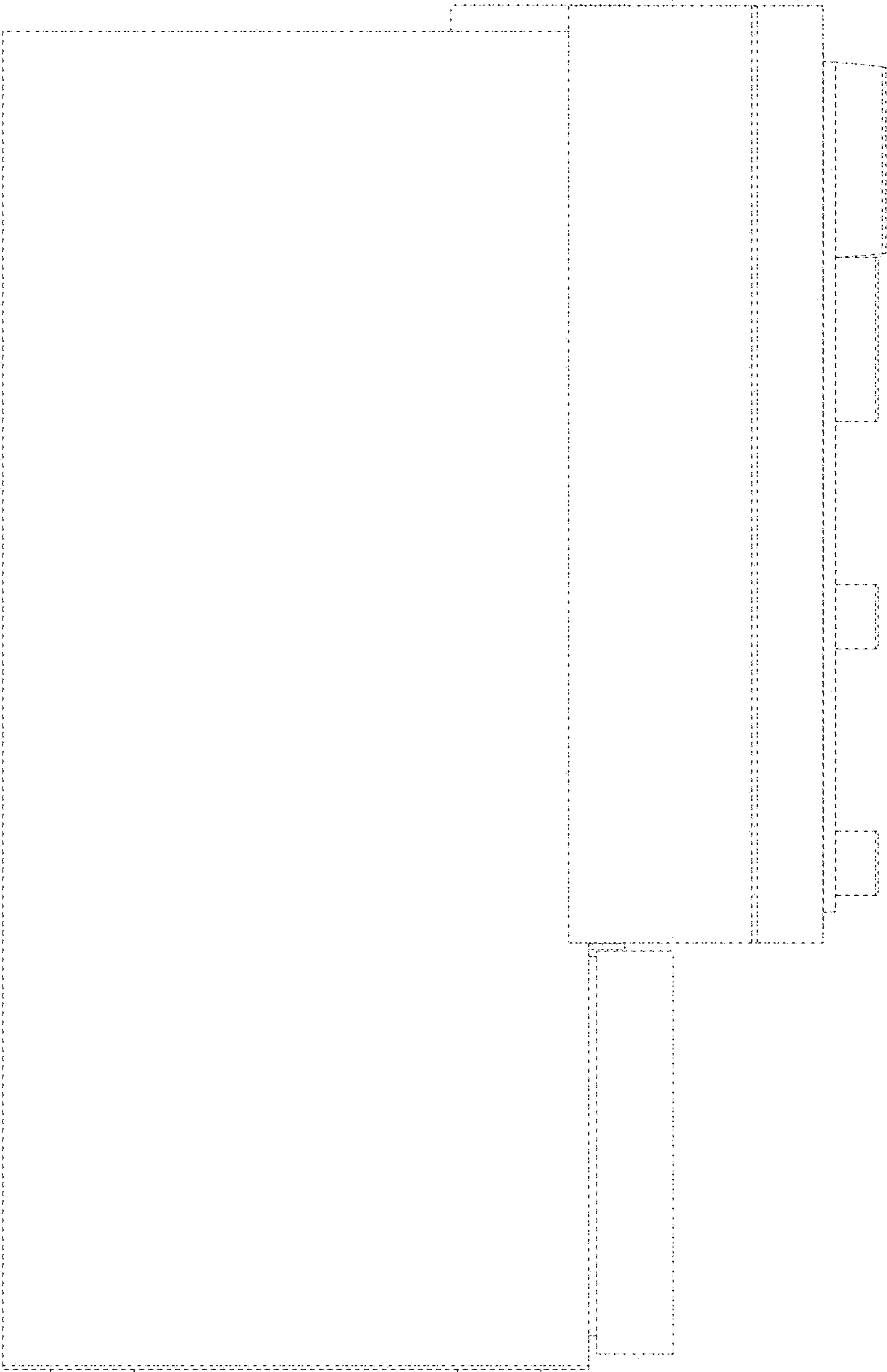


FIG. 12

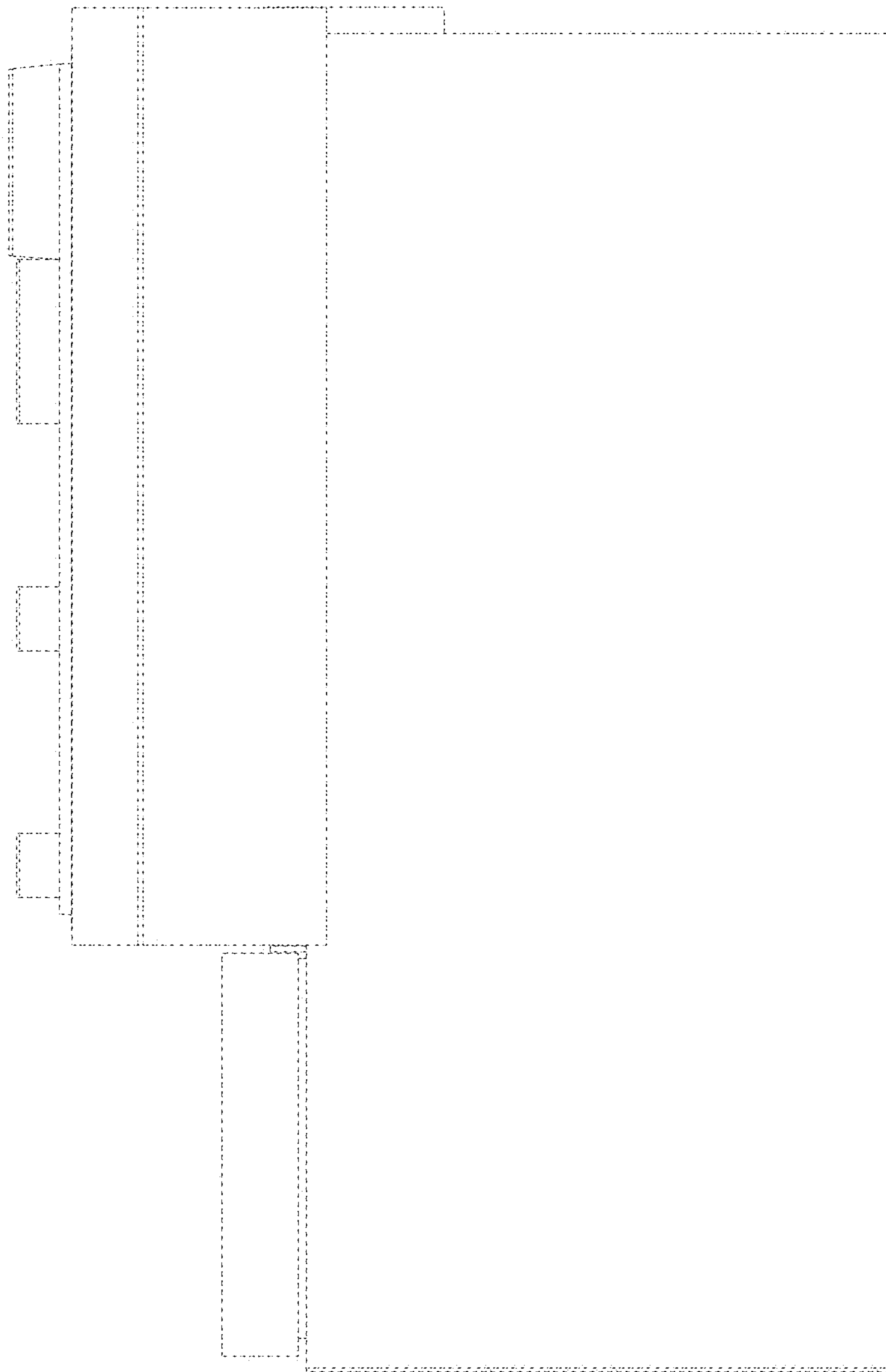


FIG. 13

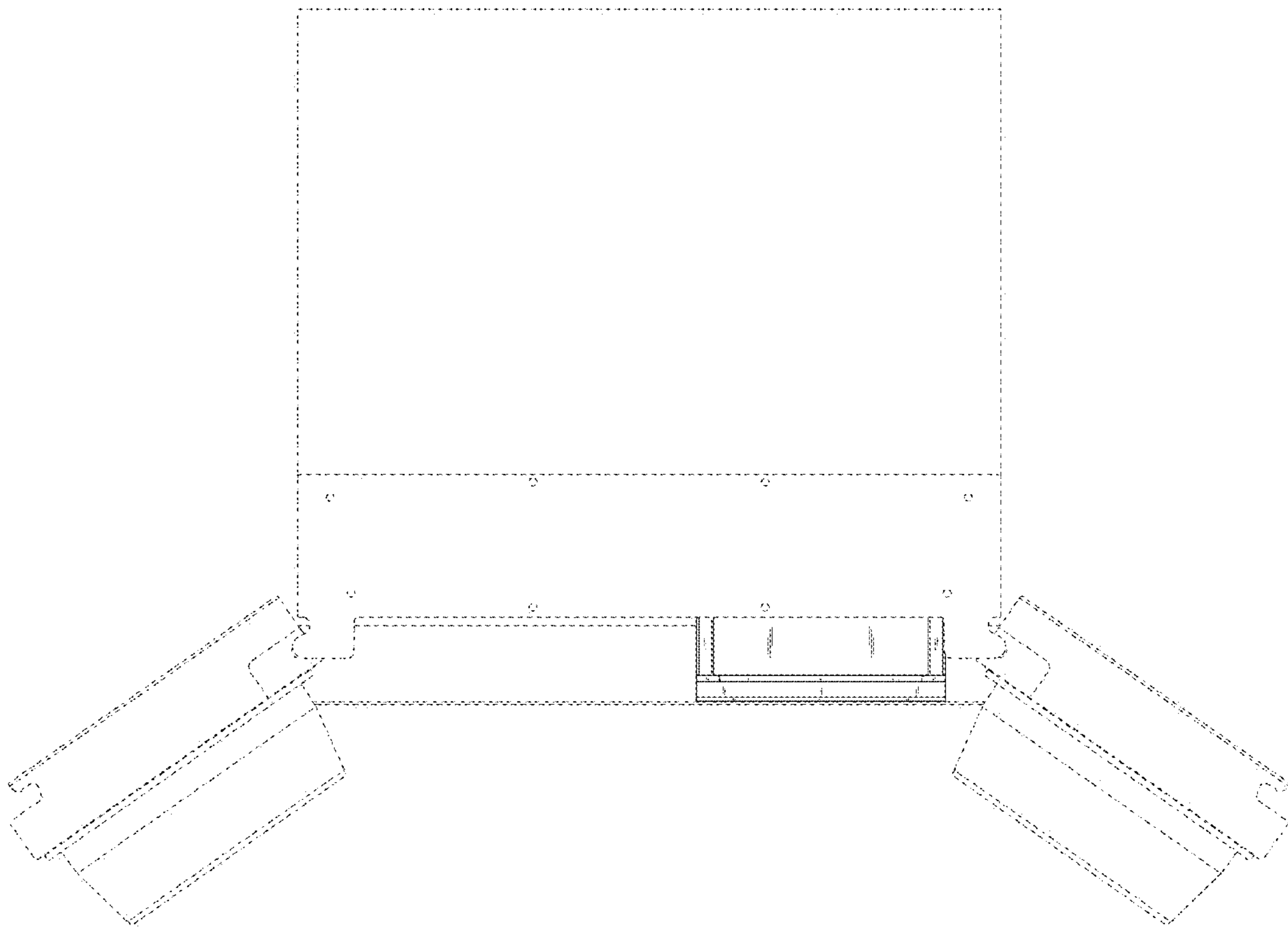


FIG. 14

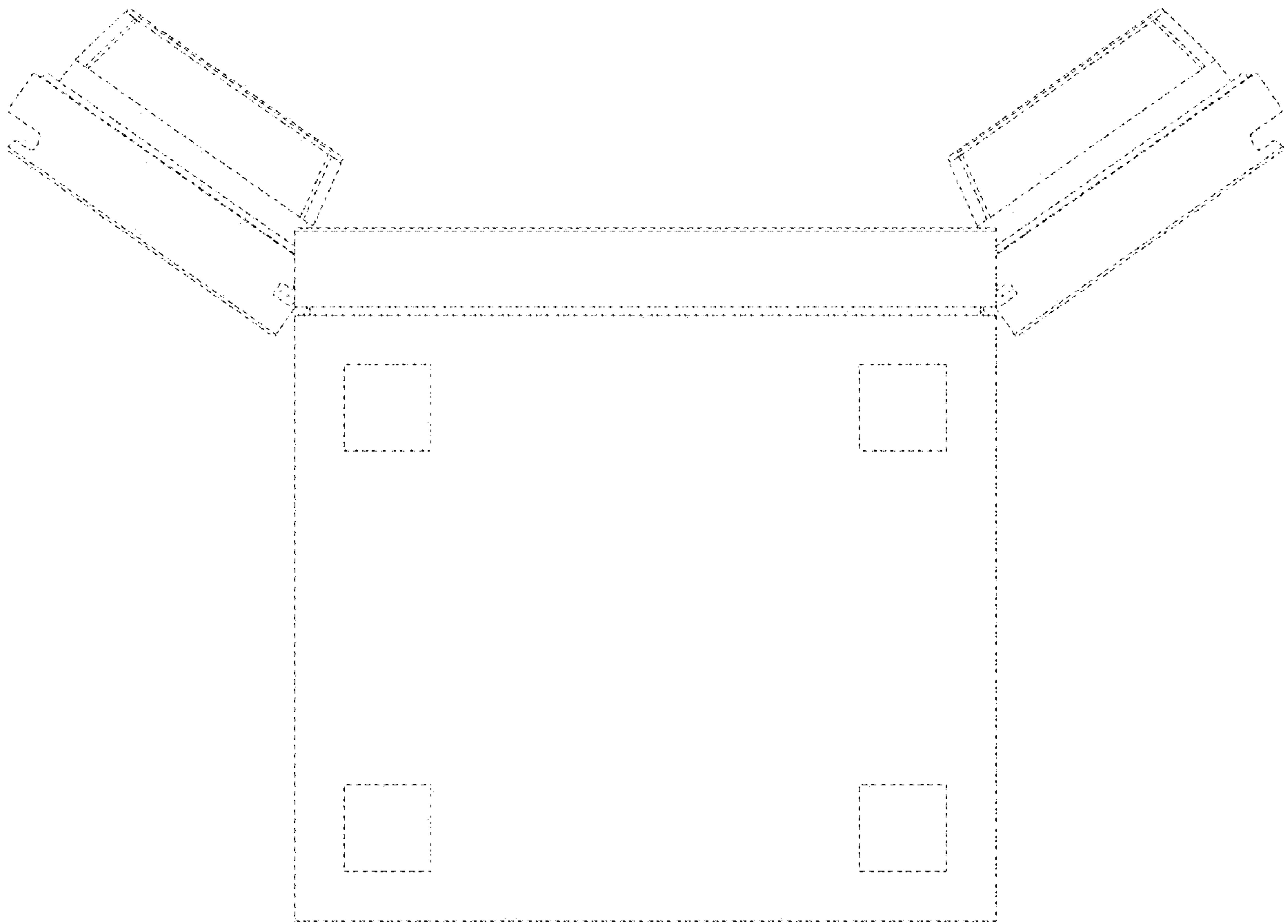


FIG. 15

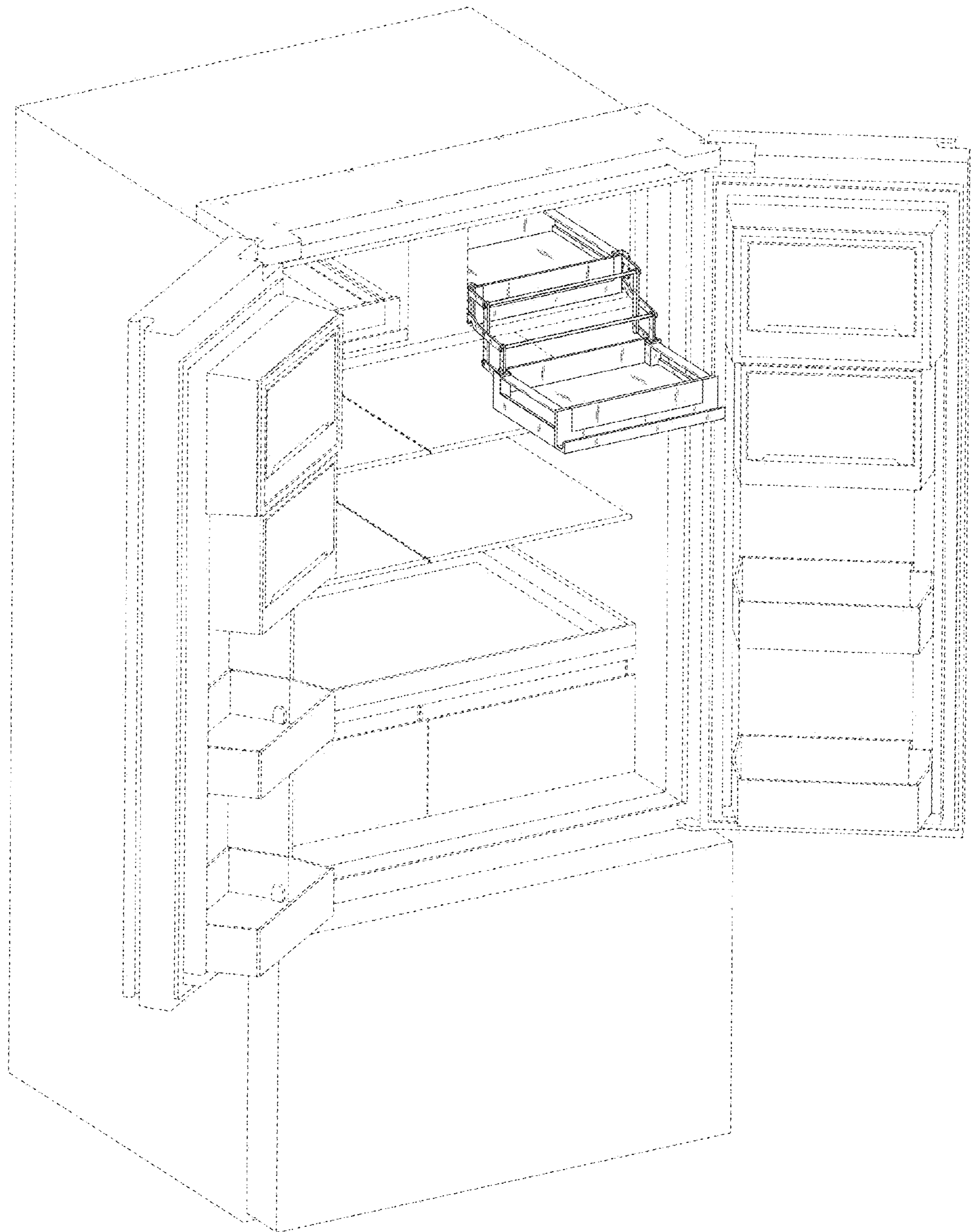


FIG. 16

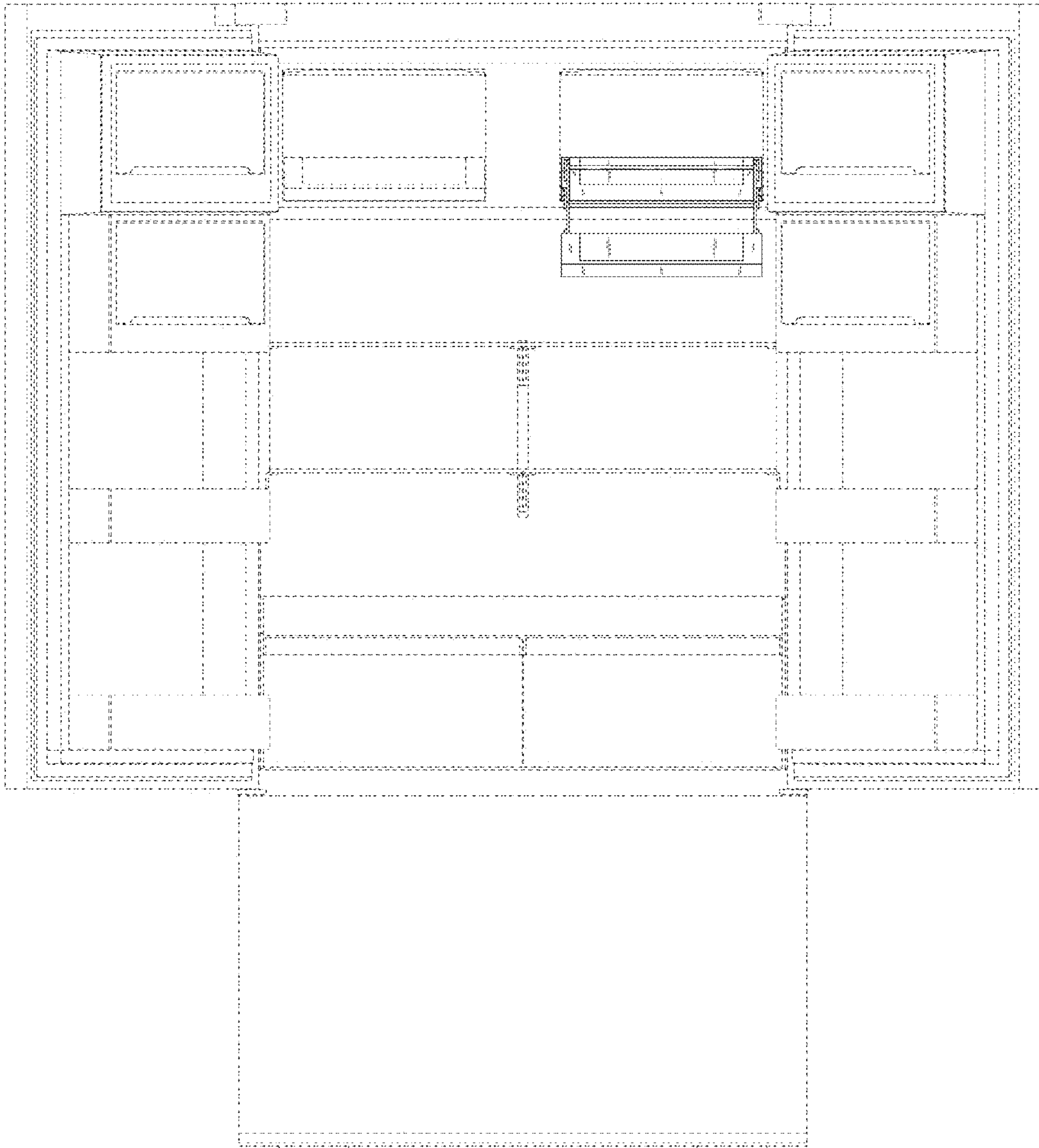


FIG. 17

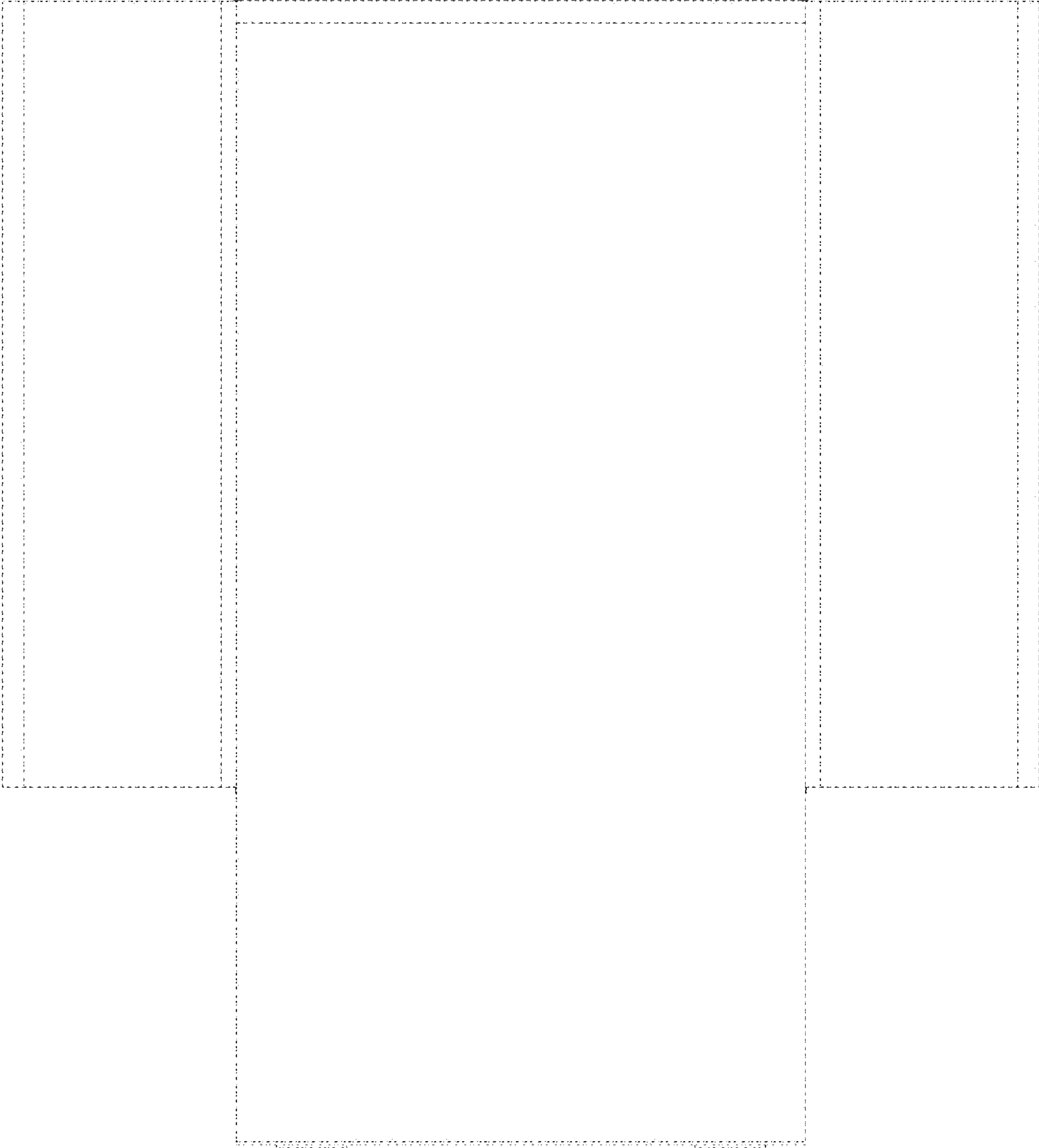


FIG. 18

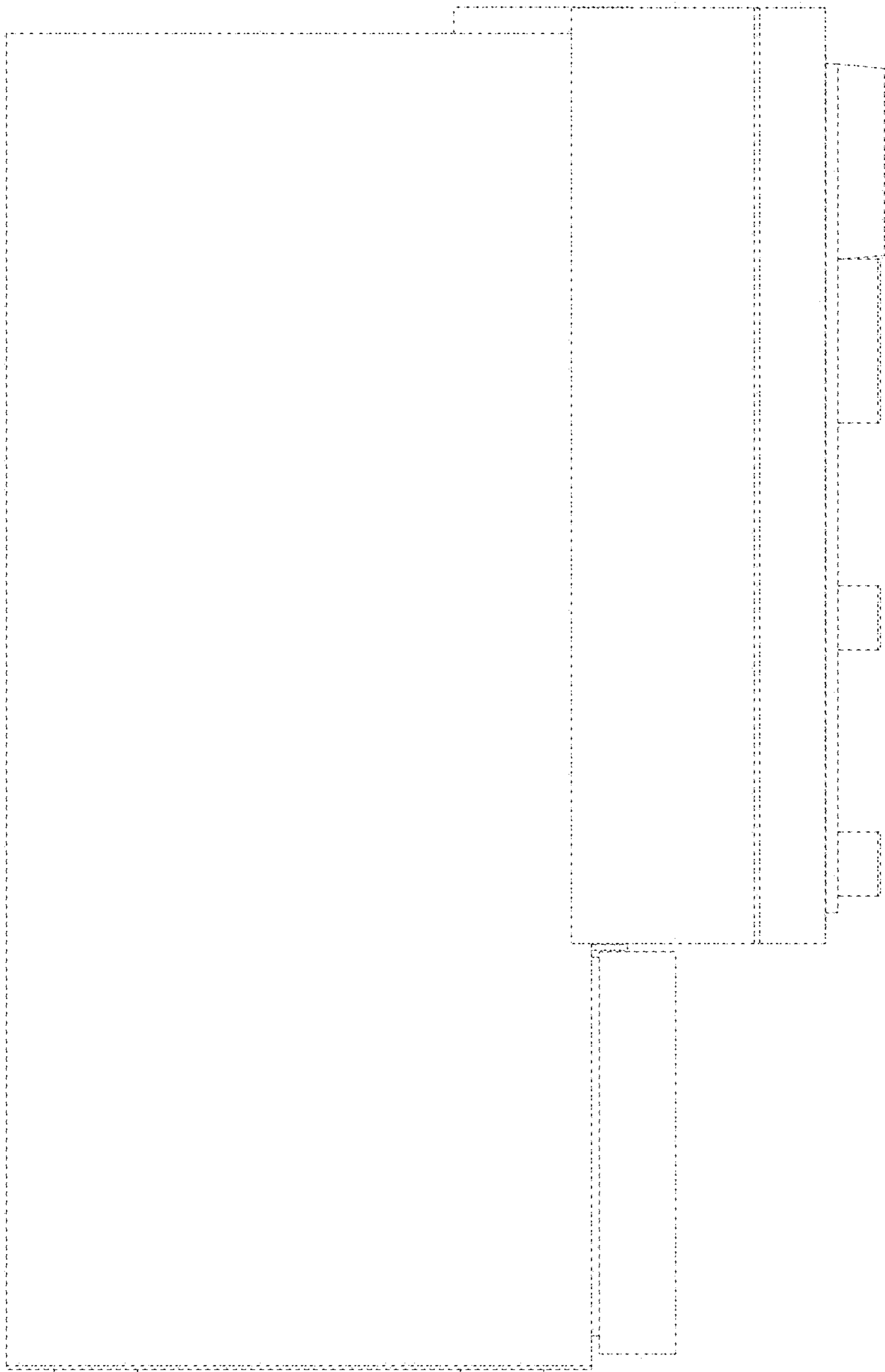


FIG. 19

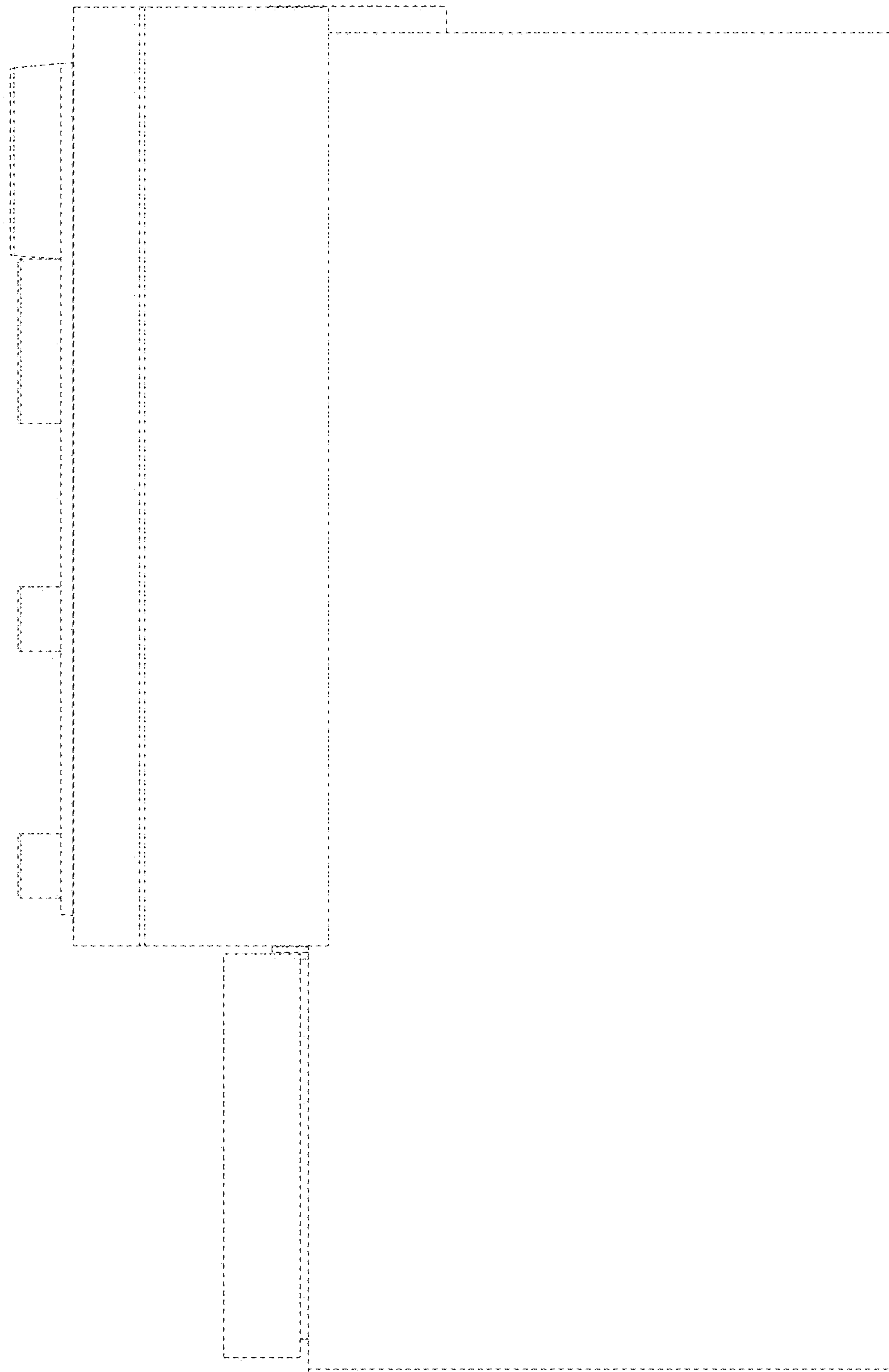


FIG. 20

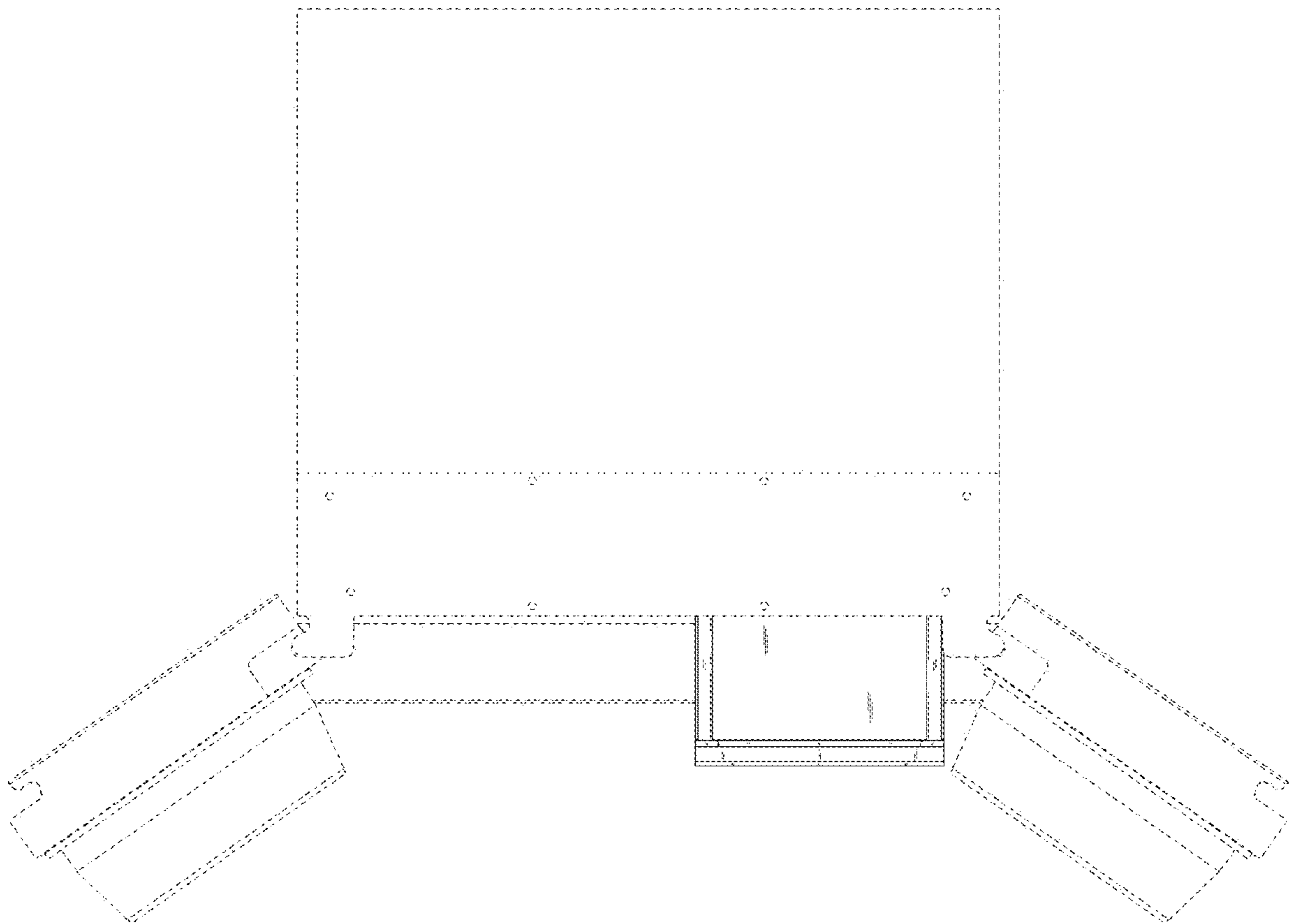


FIG. 21

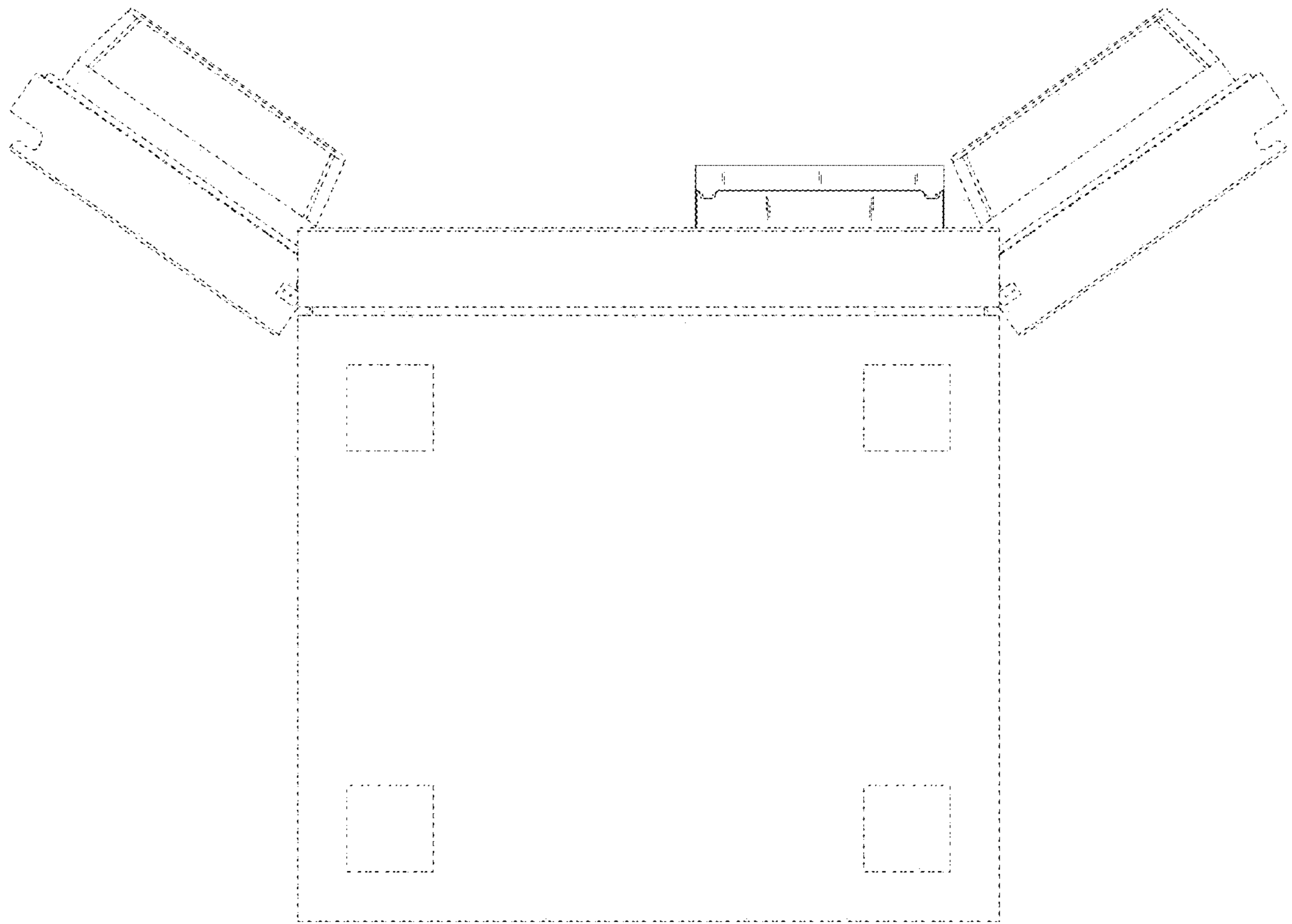


FIG. 22

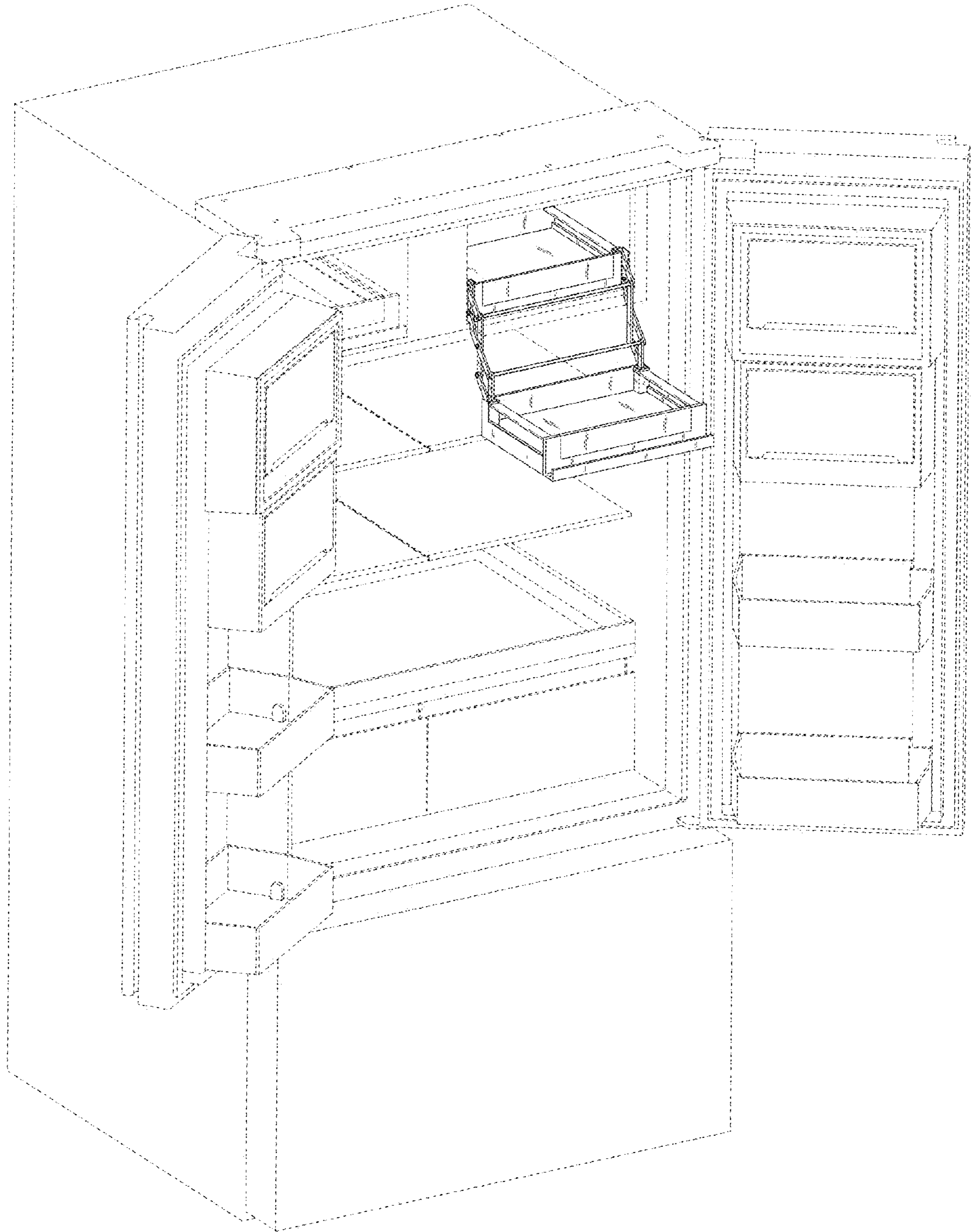


FIG. 23

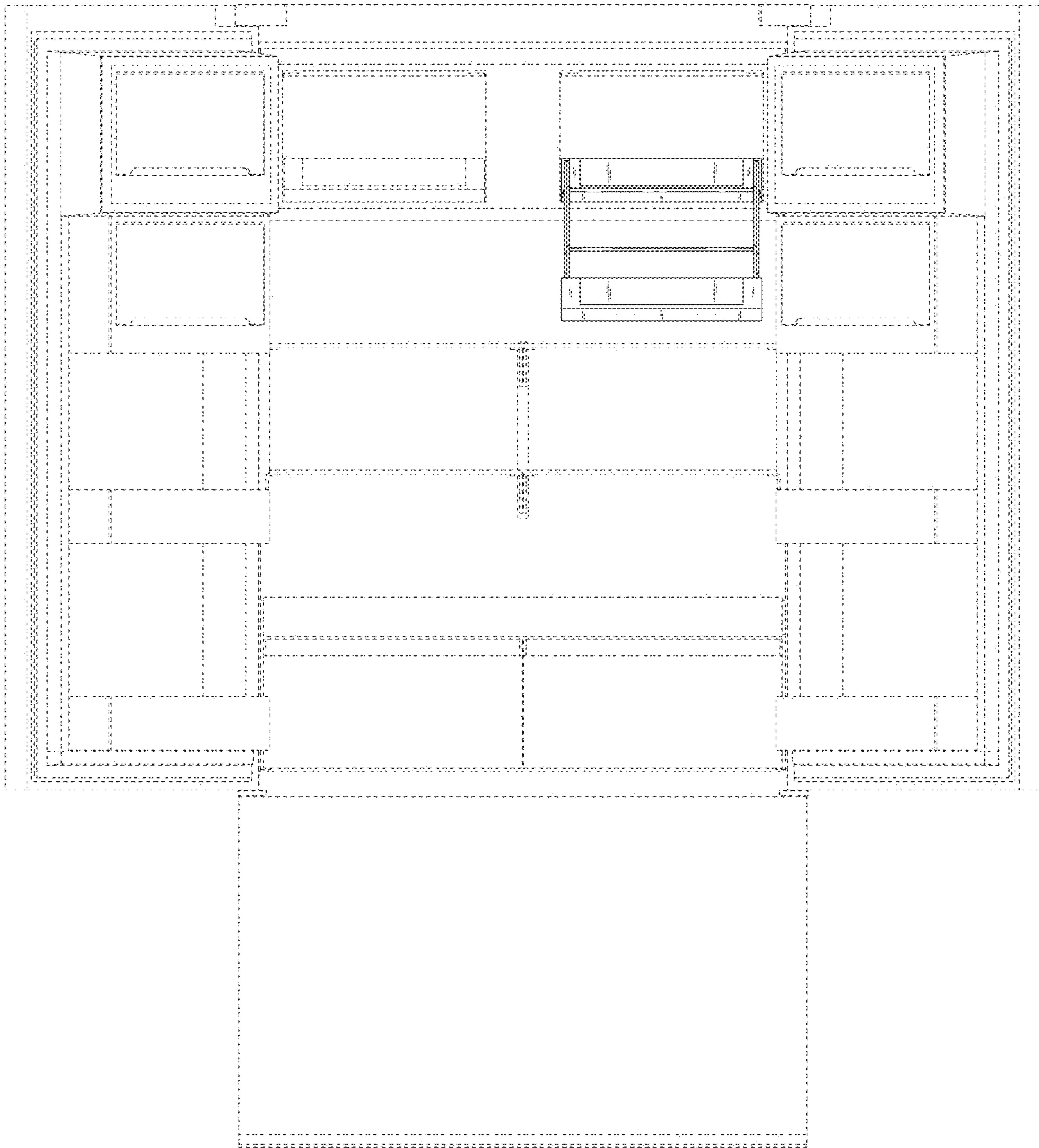


FIG. 24

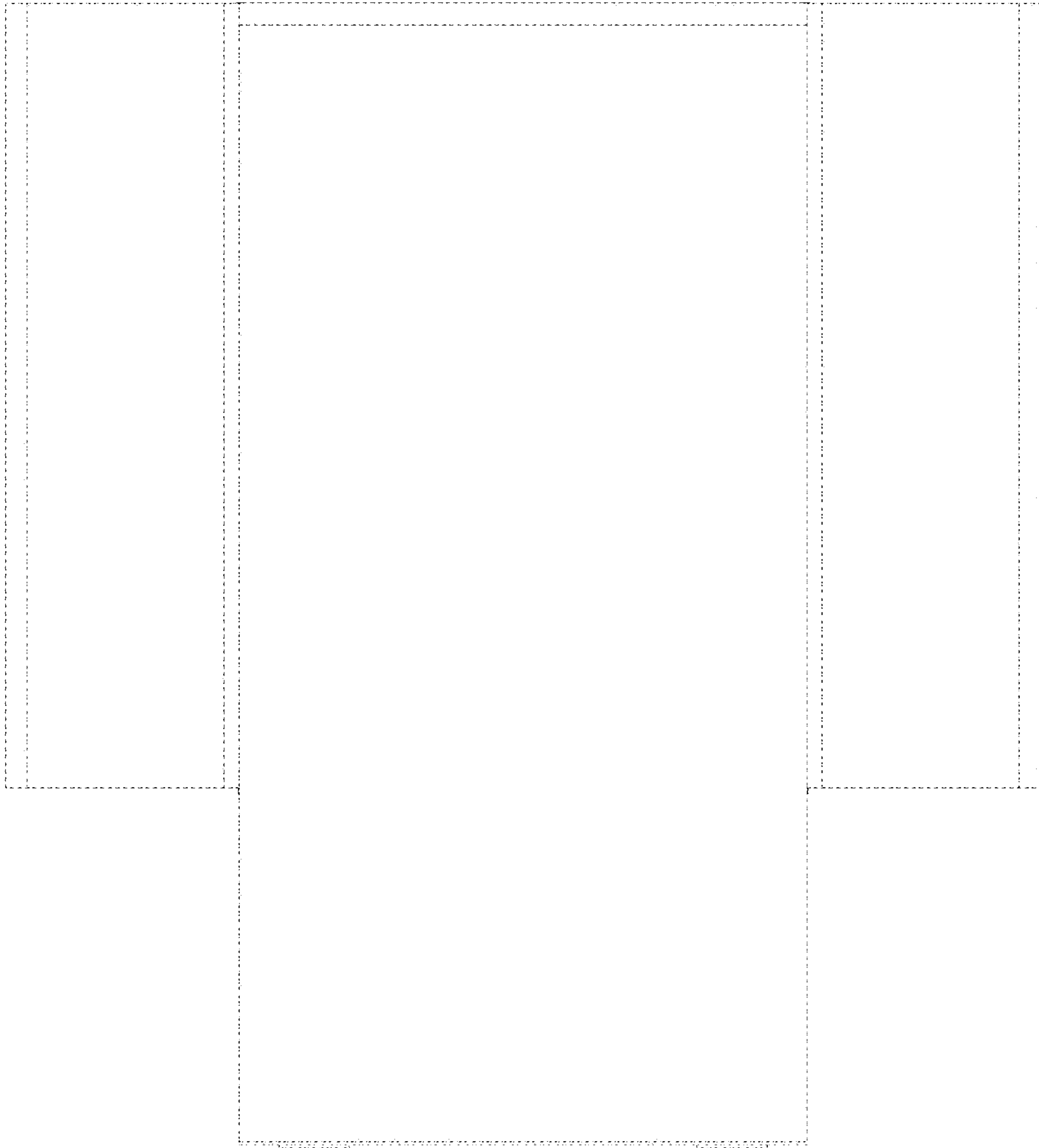


FIG. 25

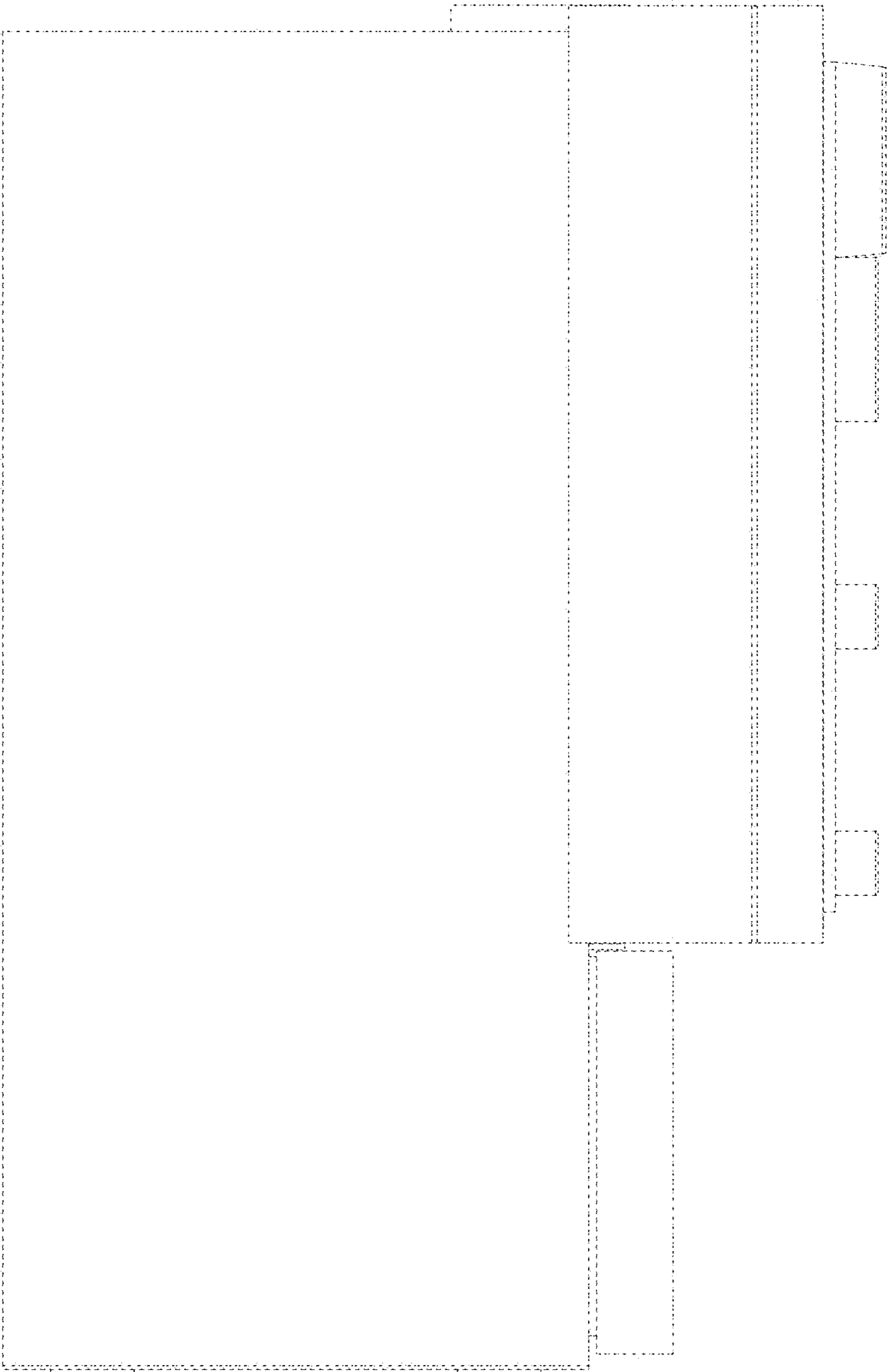


FIG. 26

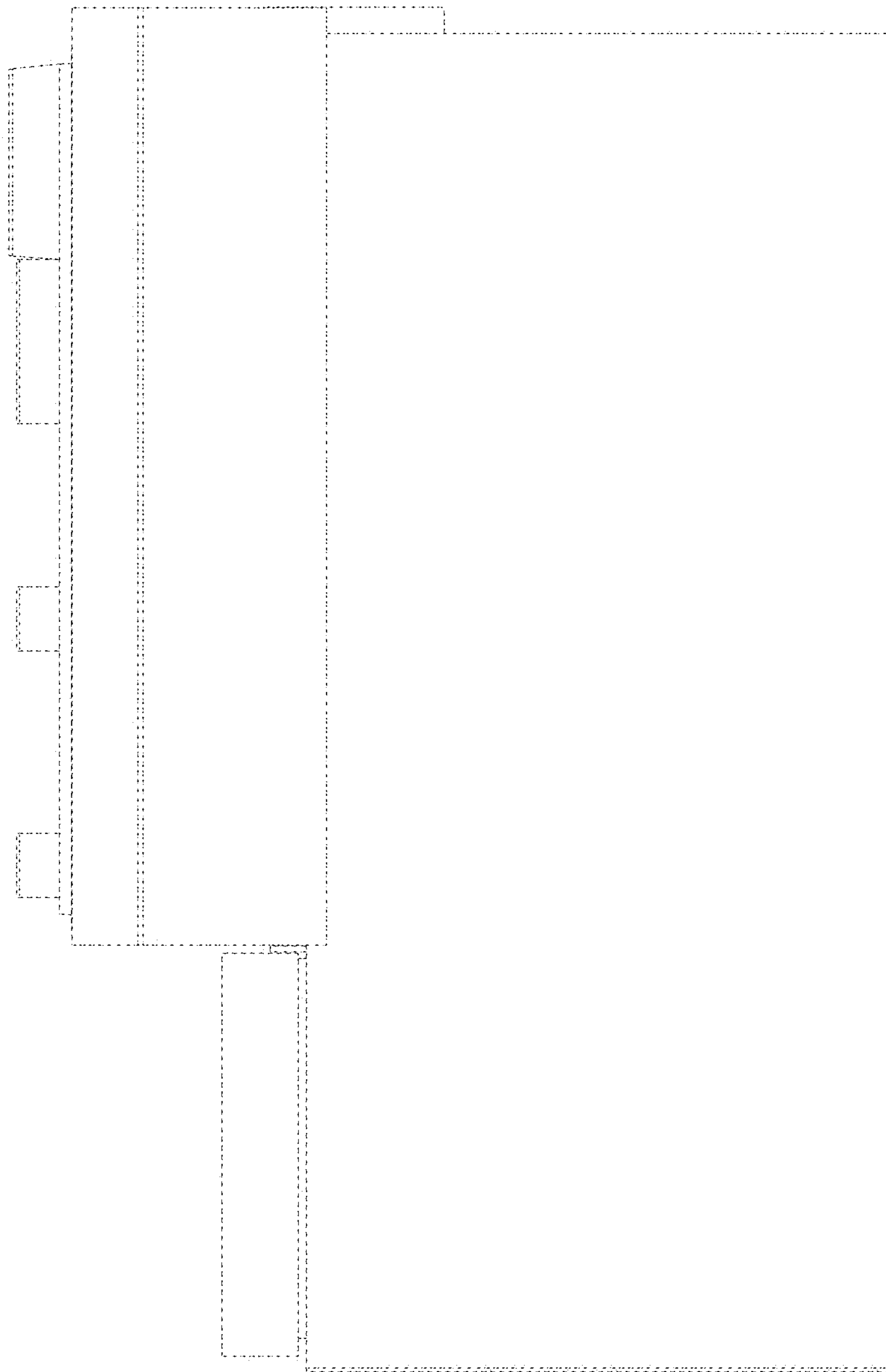


FIG. 27

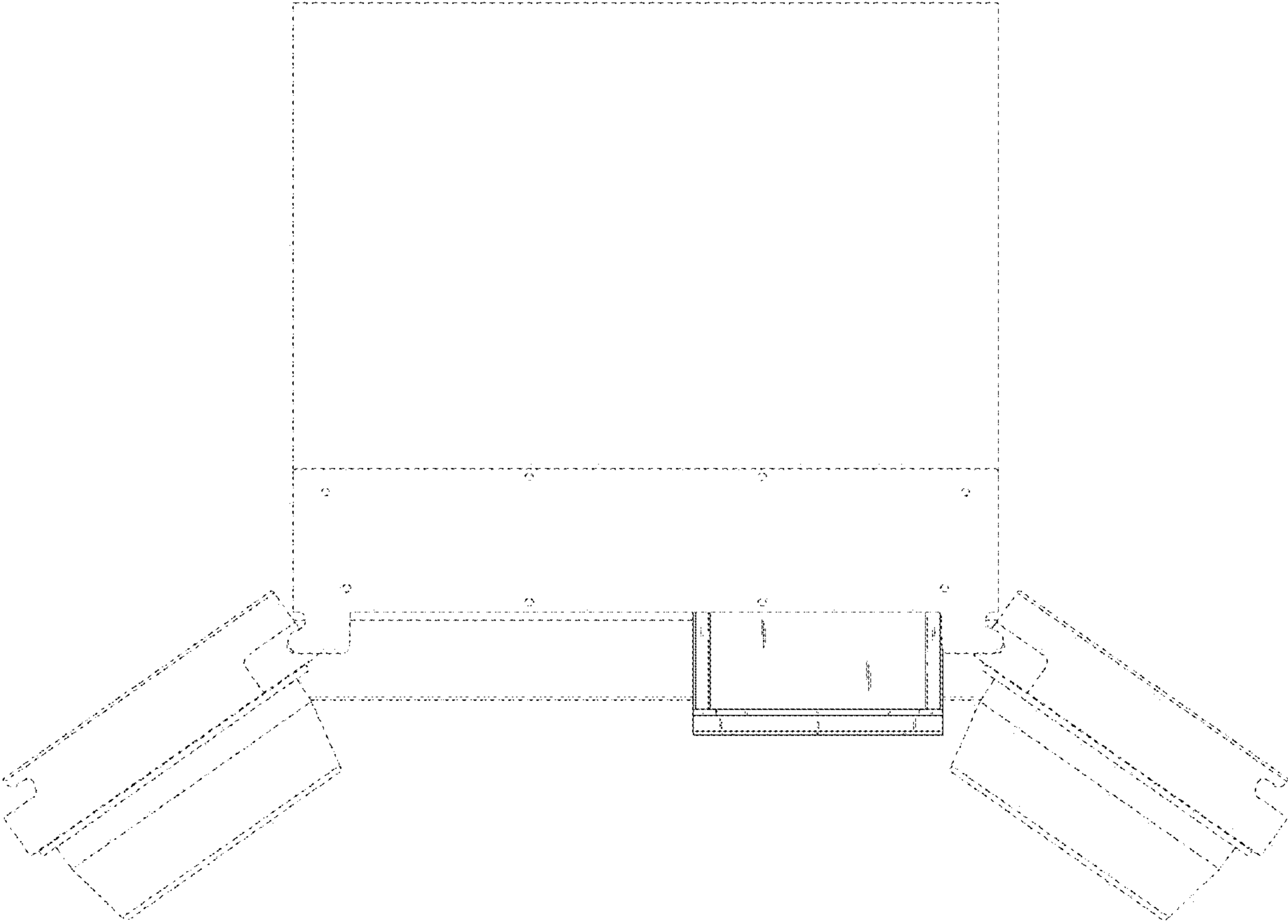


FIG. 28

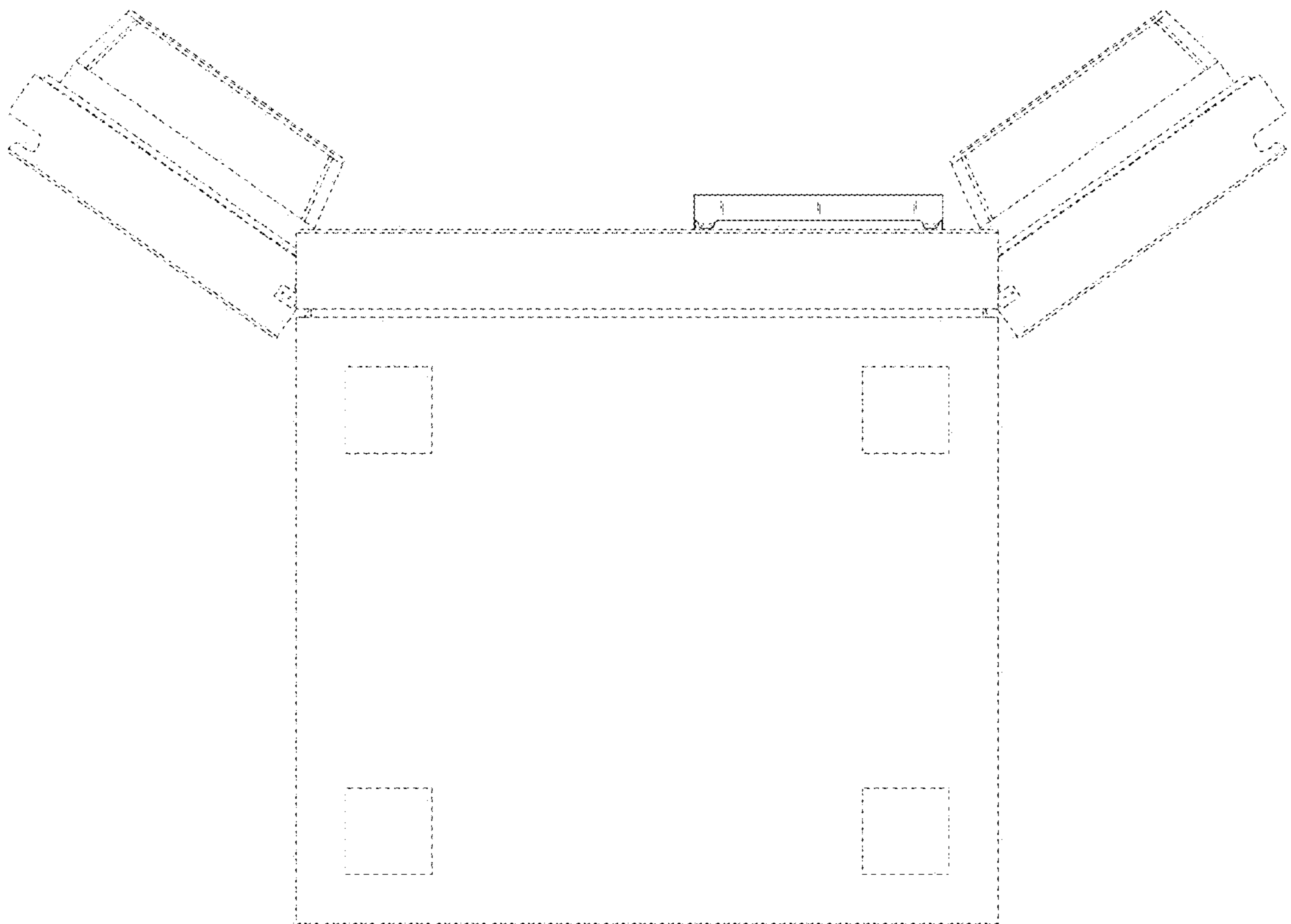


FIG. 29

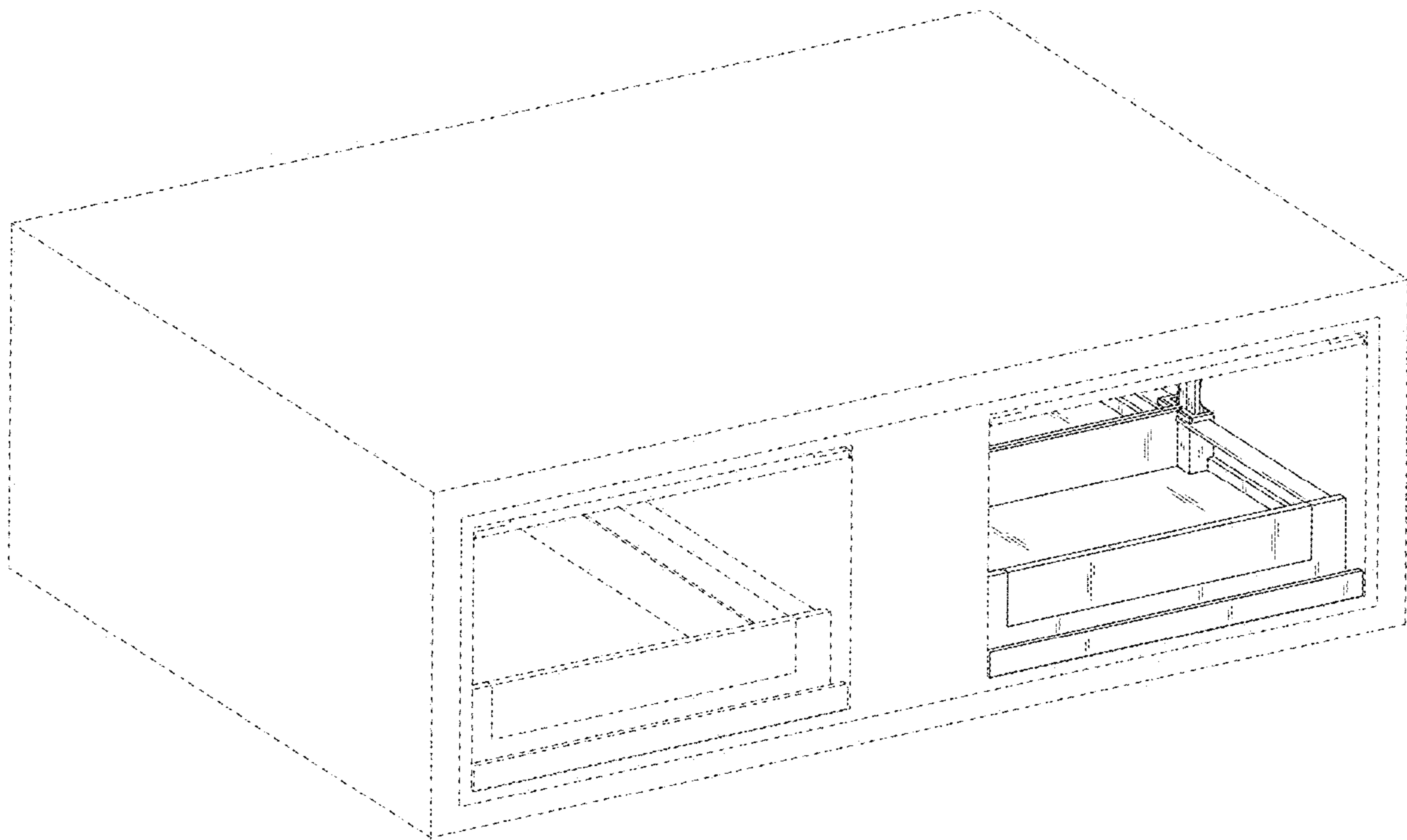


FIG. 30

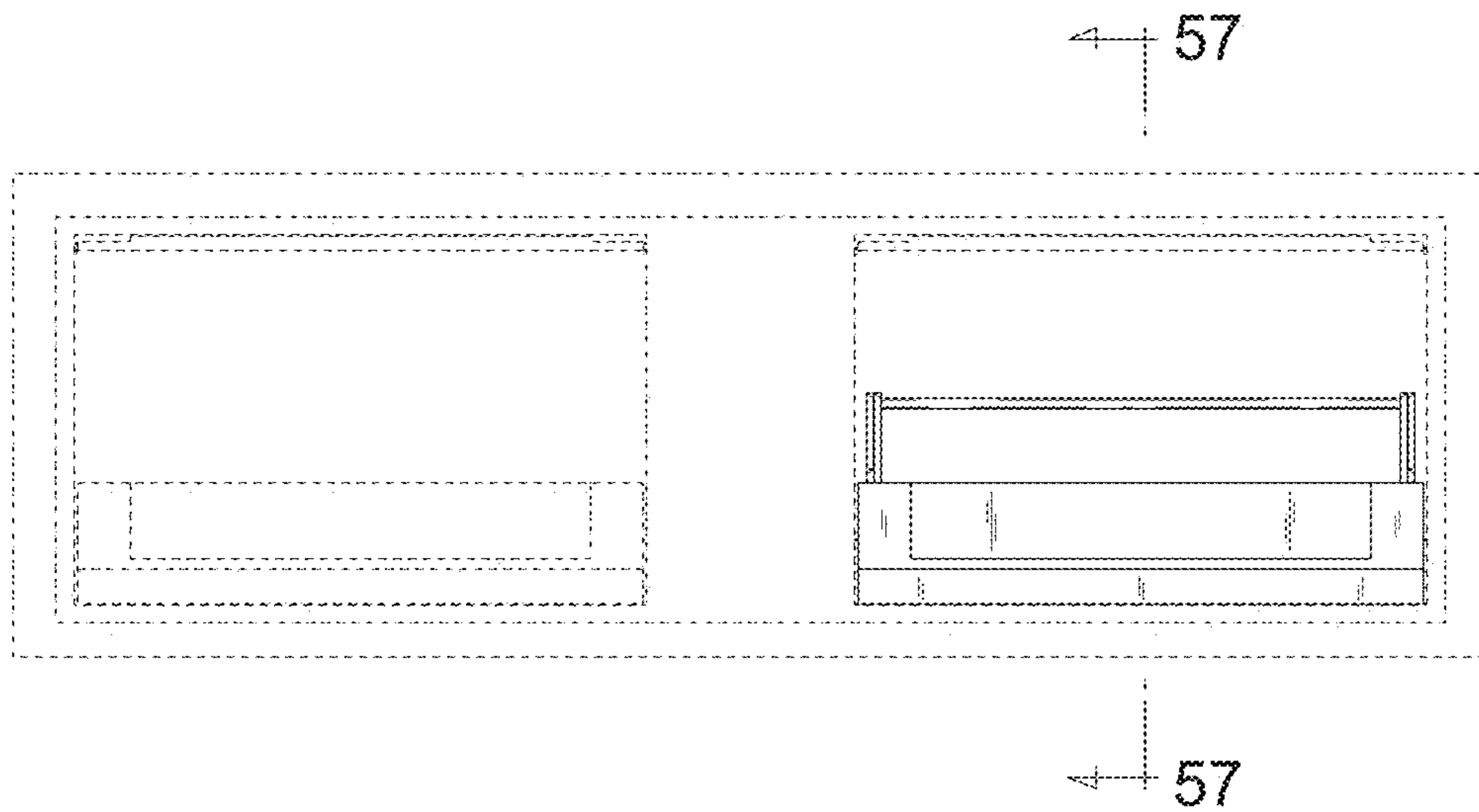


FIG. 31



FIG. 32



FIG. 33



FIG. 34

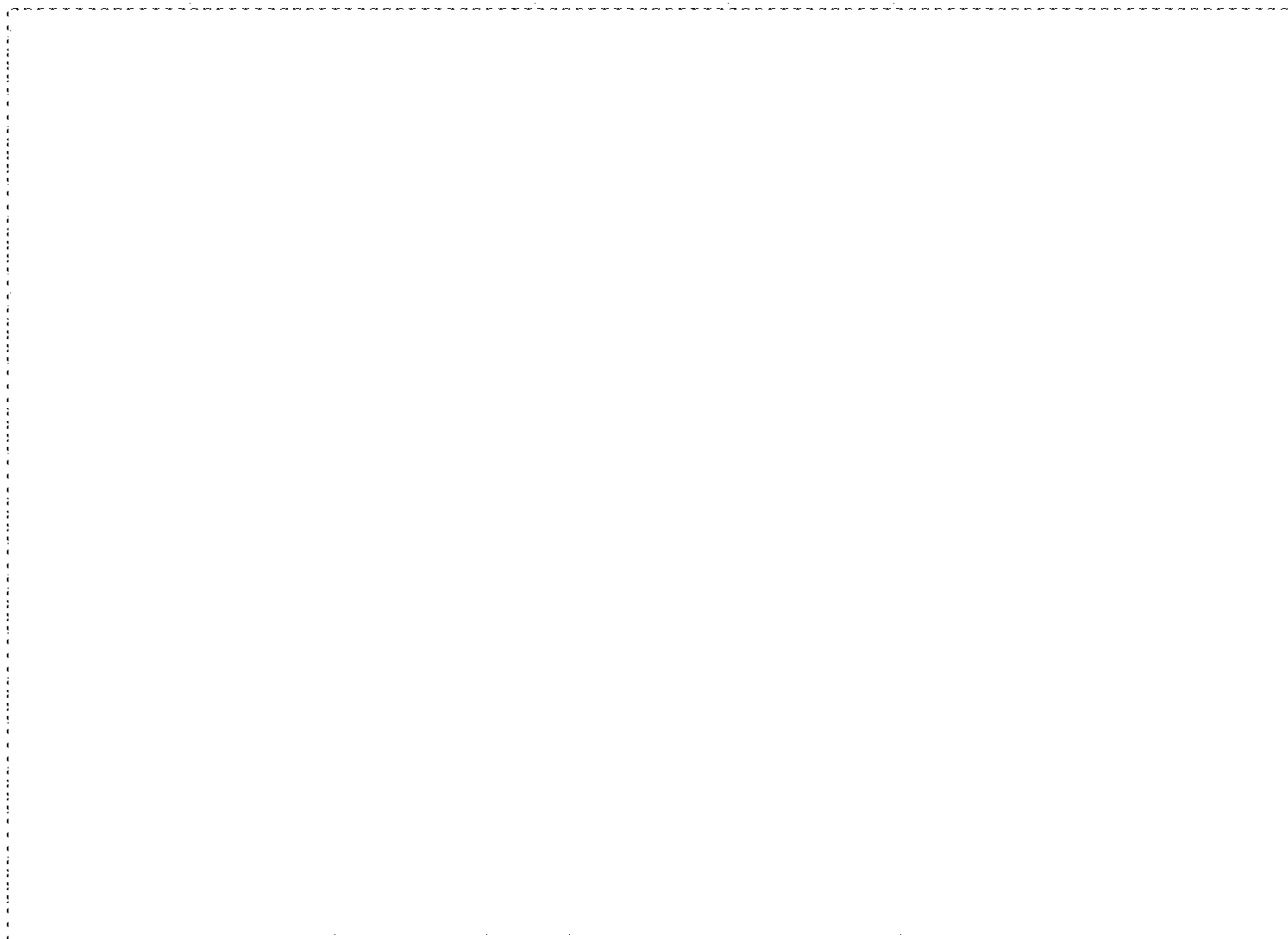


FIG. 35

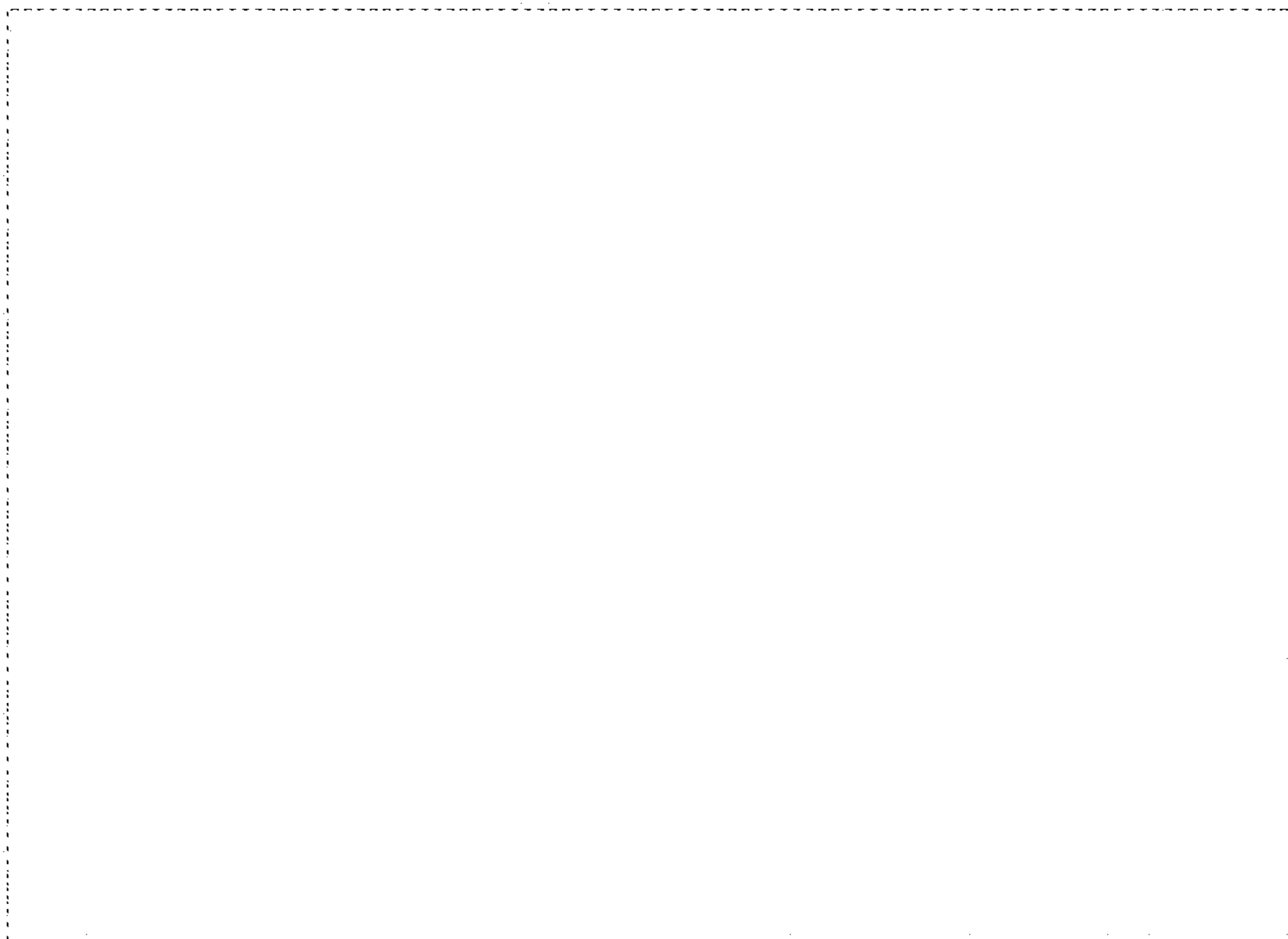


FIG. 36

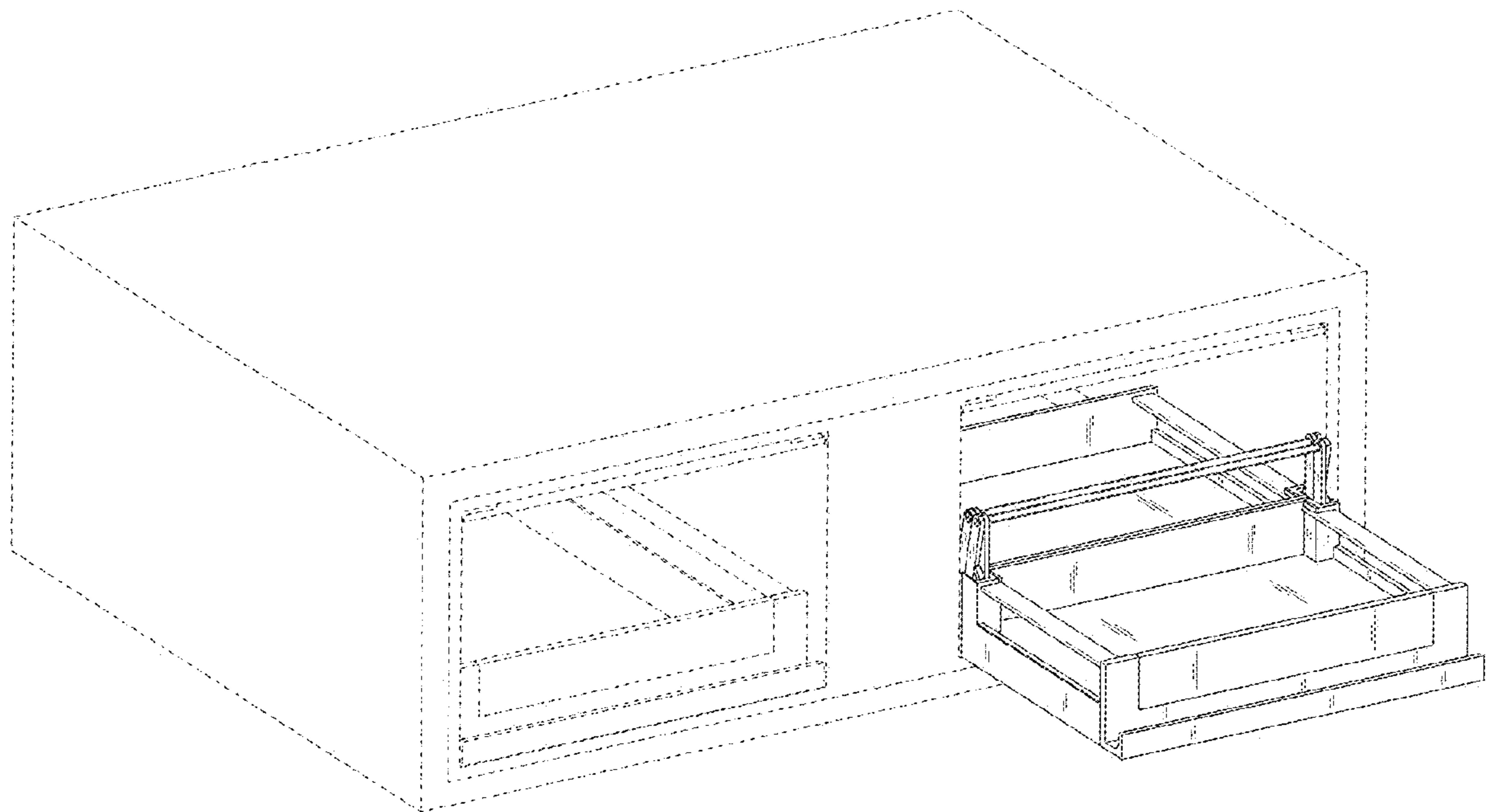


FIG. 37

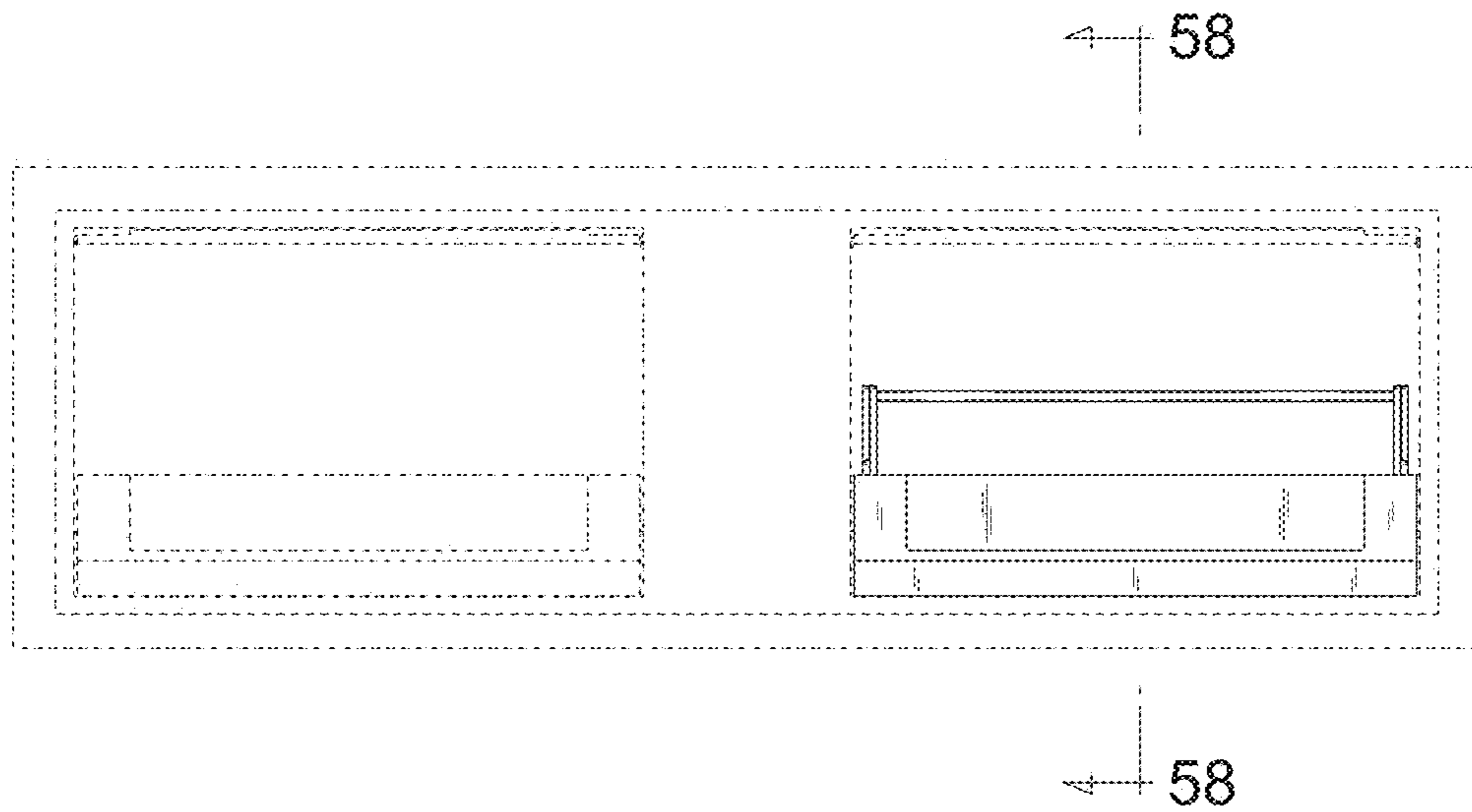


FIG. 38



FIG. 39



FIG. 40



FIG. 41

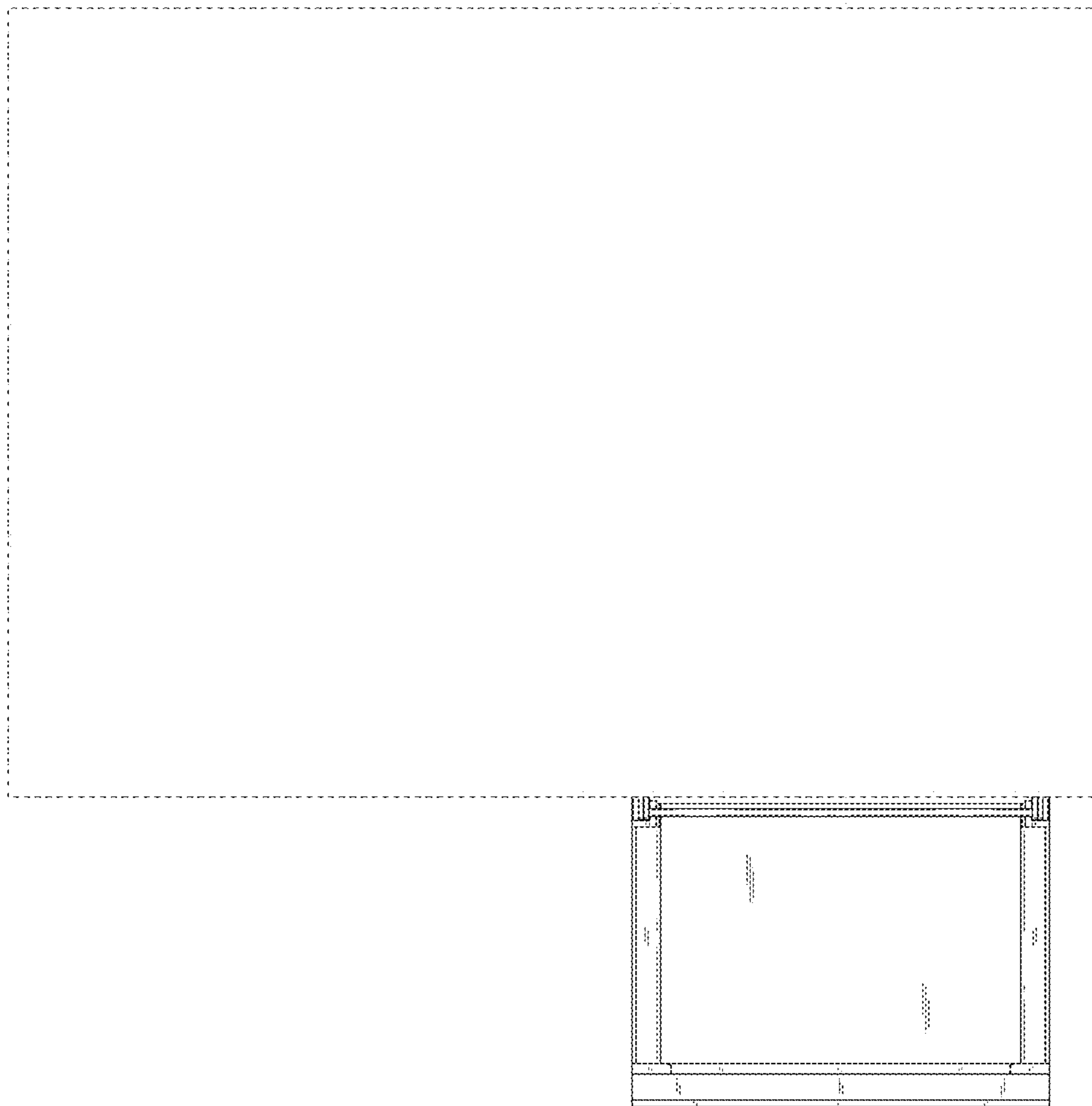


FIG. 42

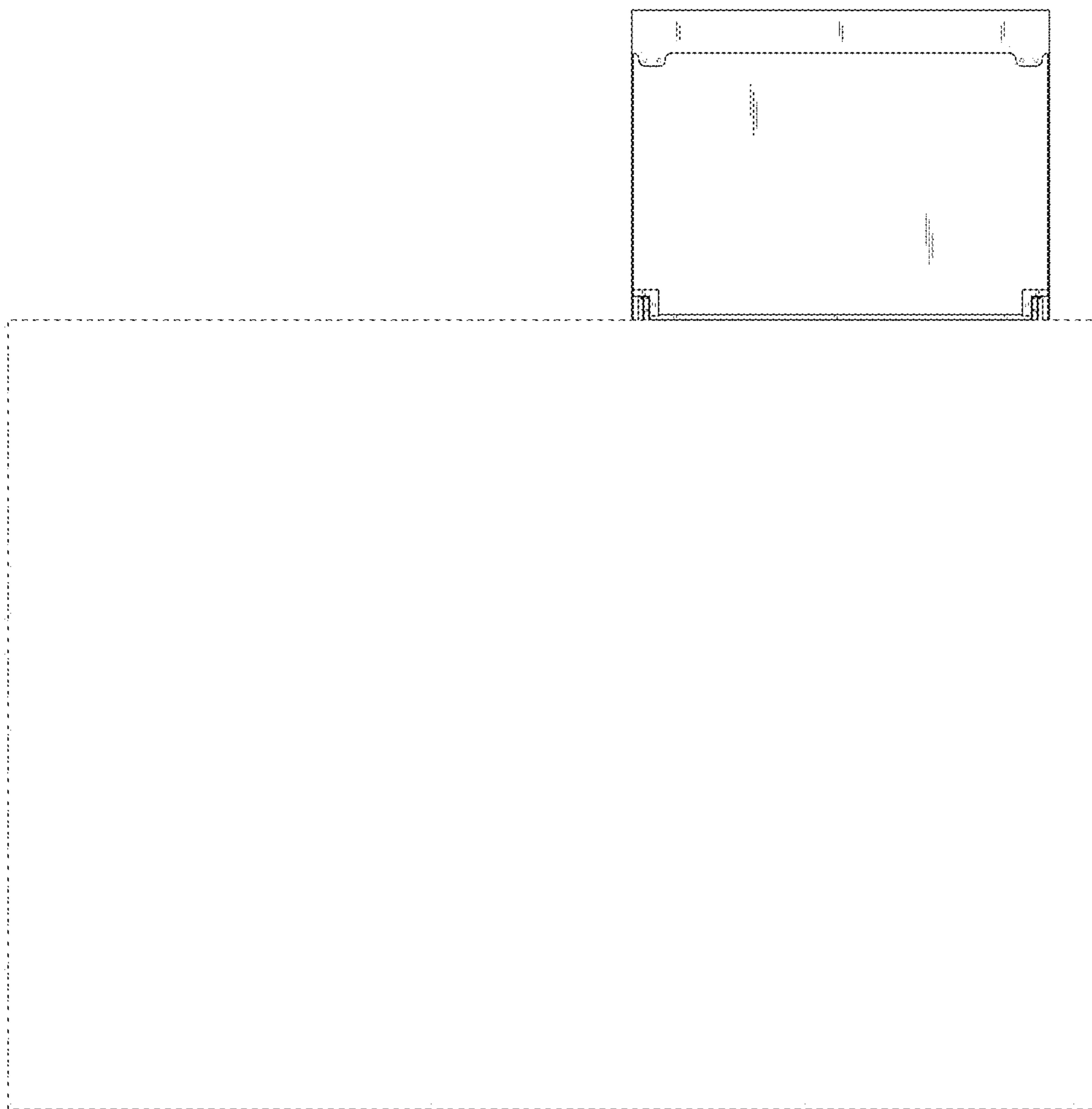


FIG. 43

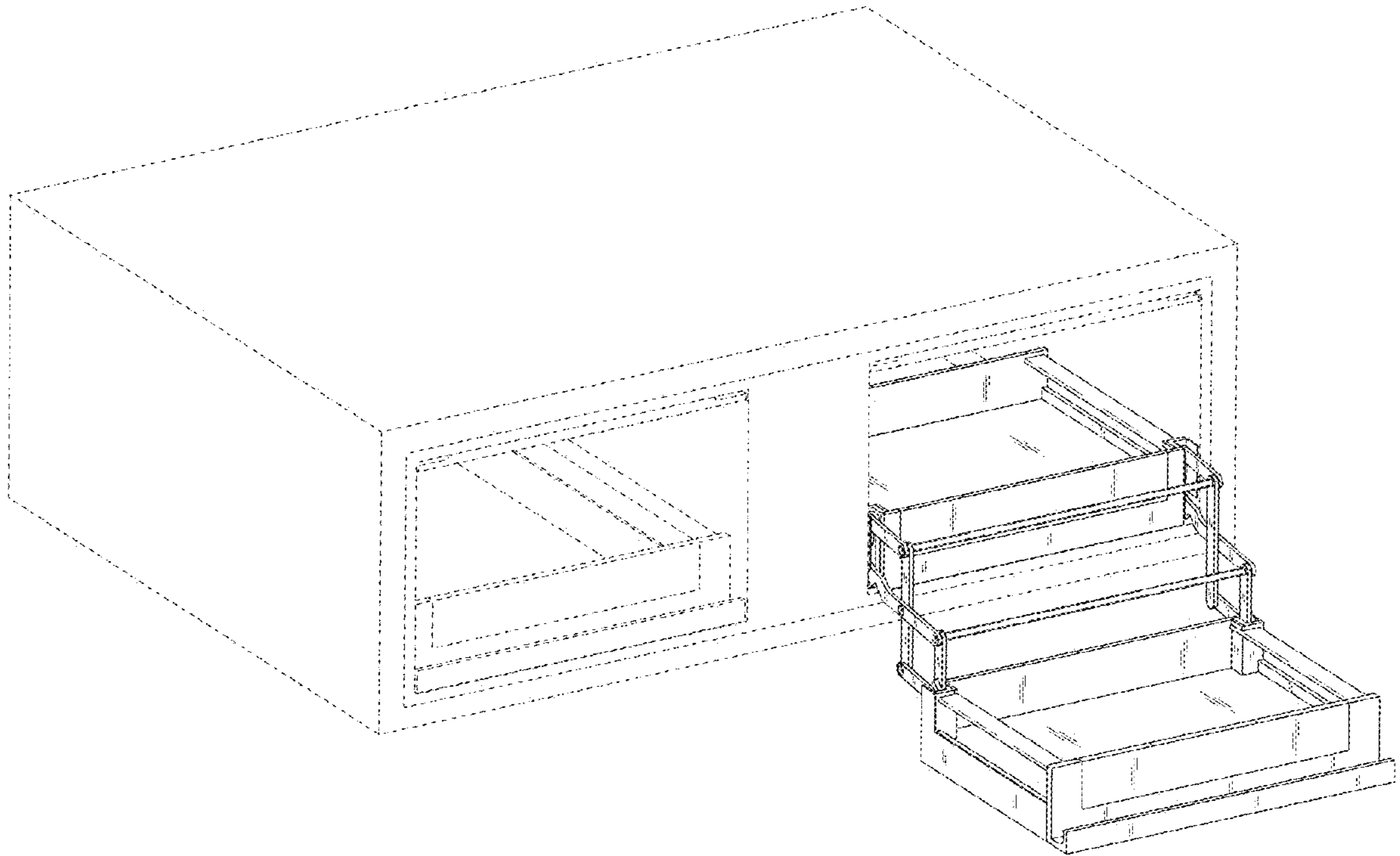


FIG. 44

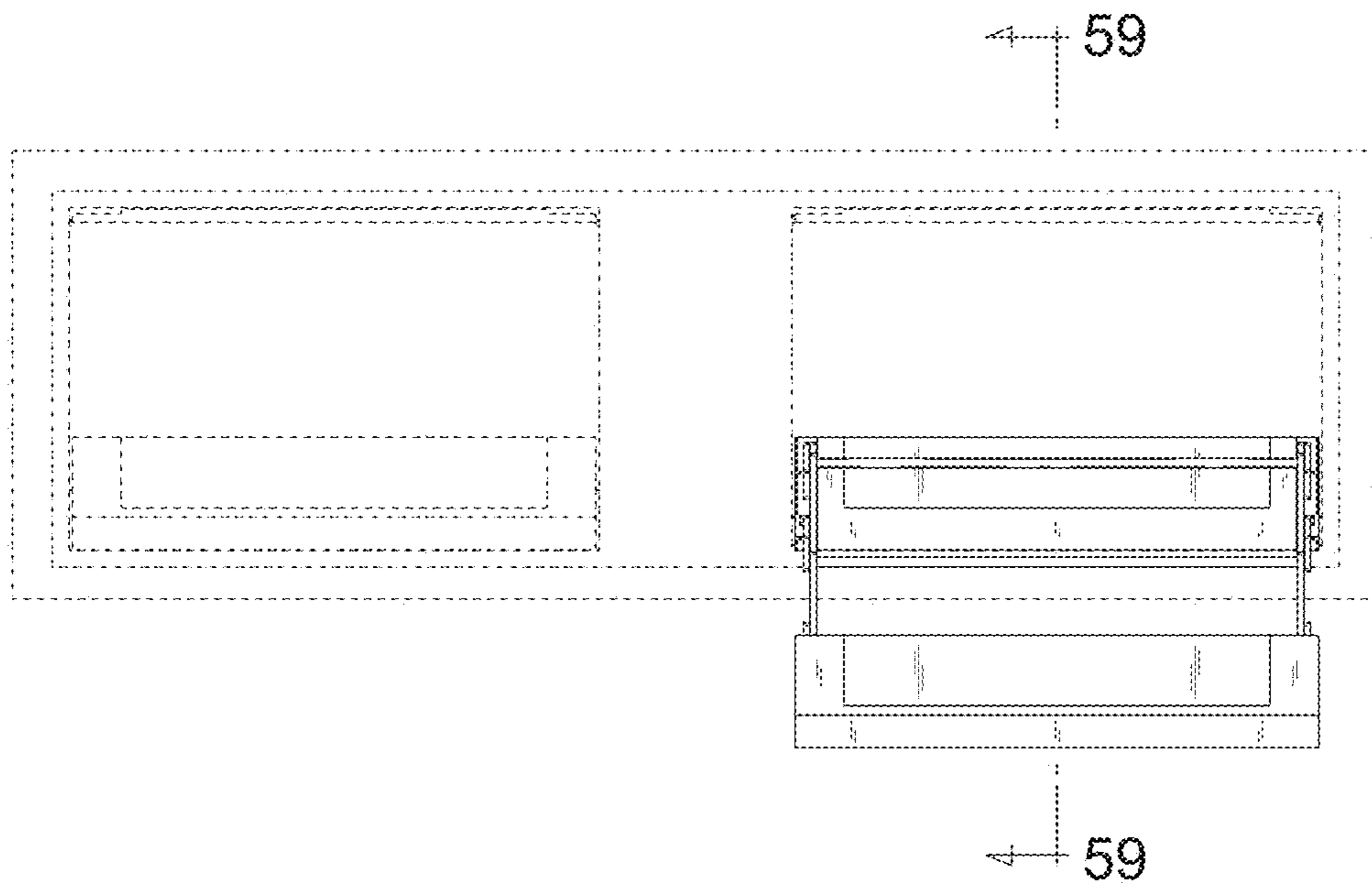


FIG. 45

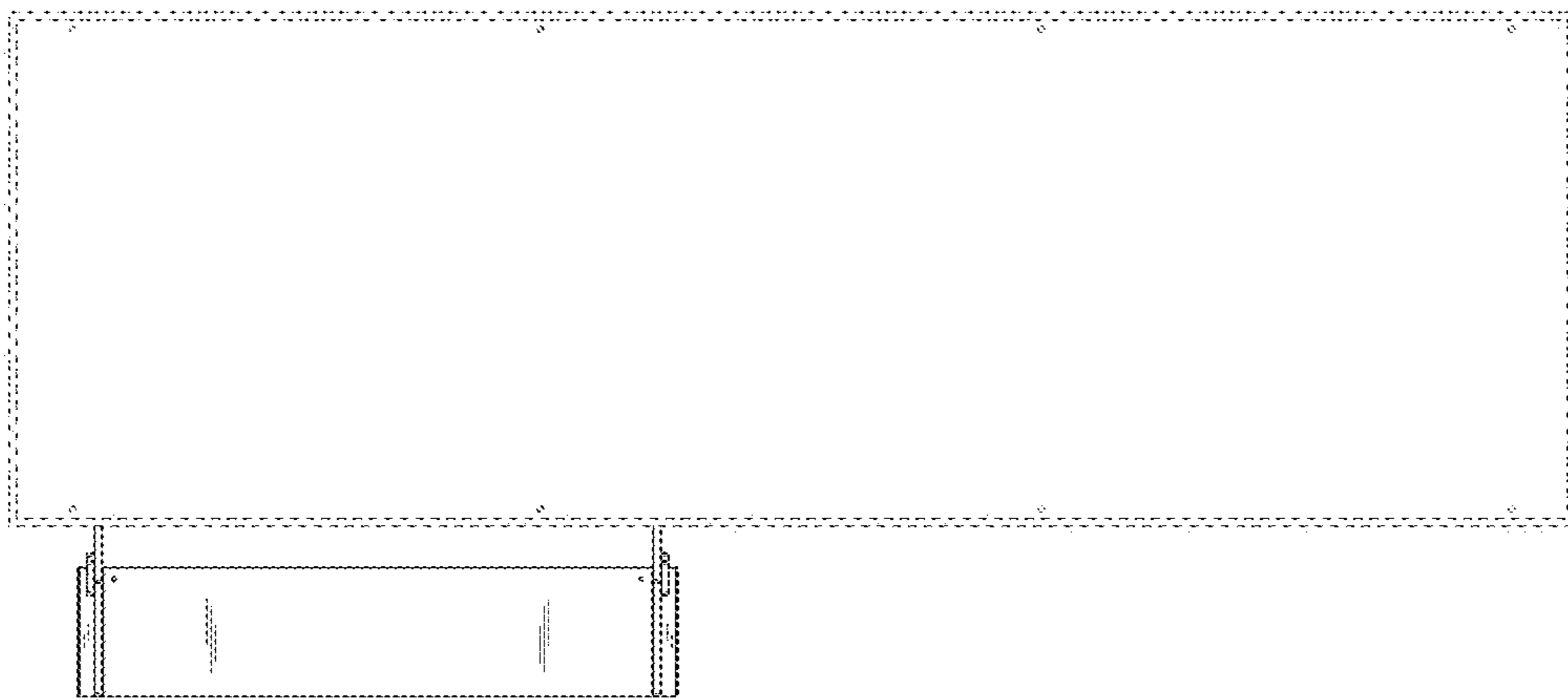


FIG. 46

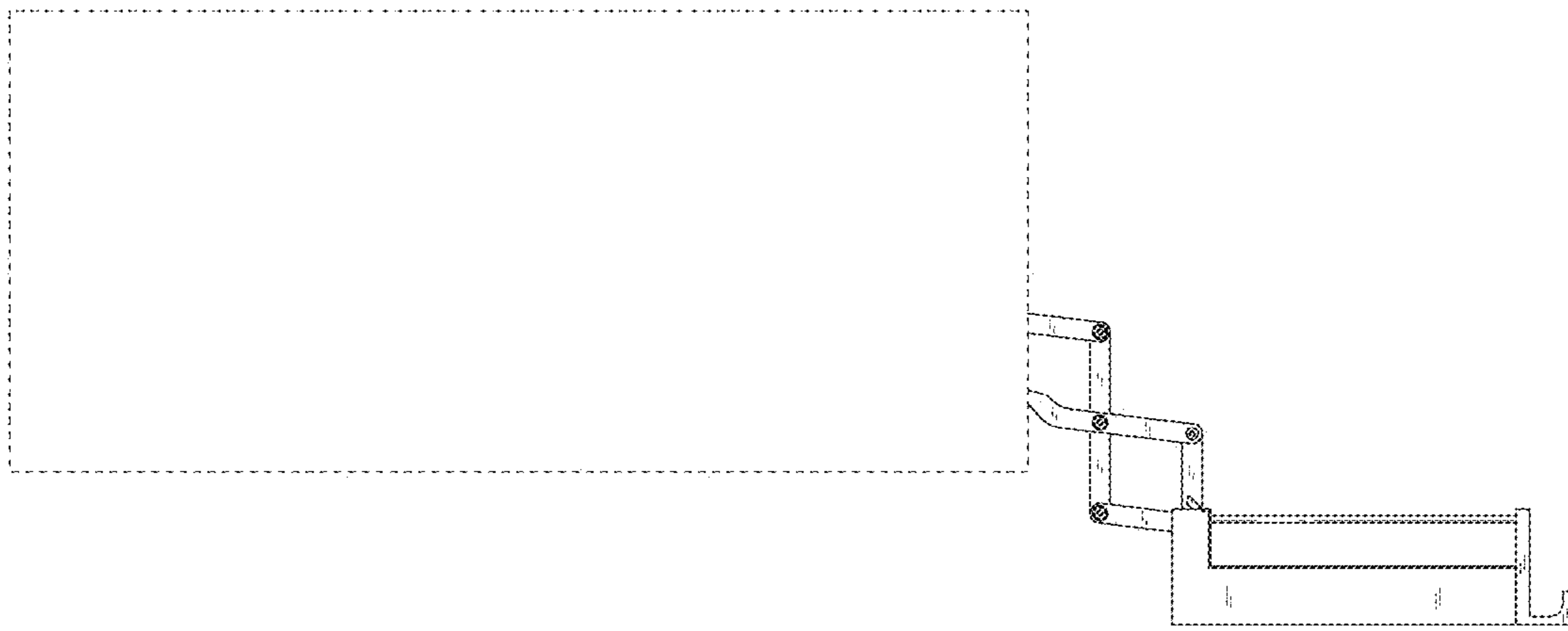


FIG. 47

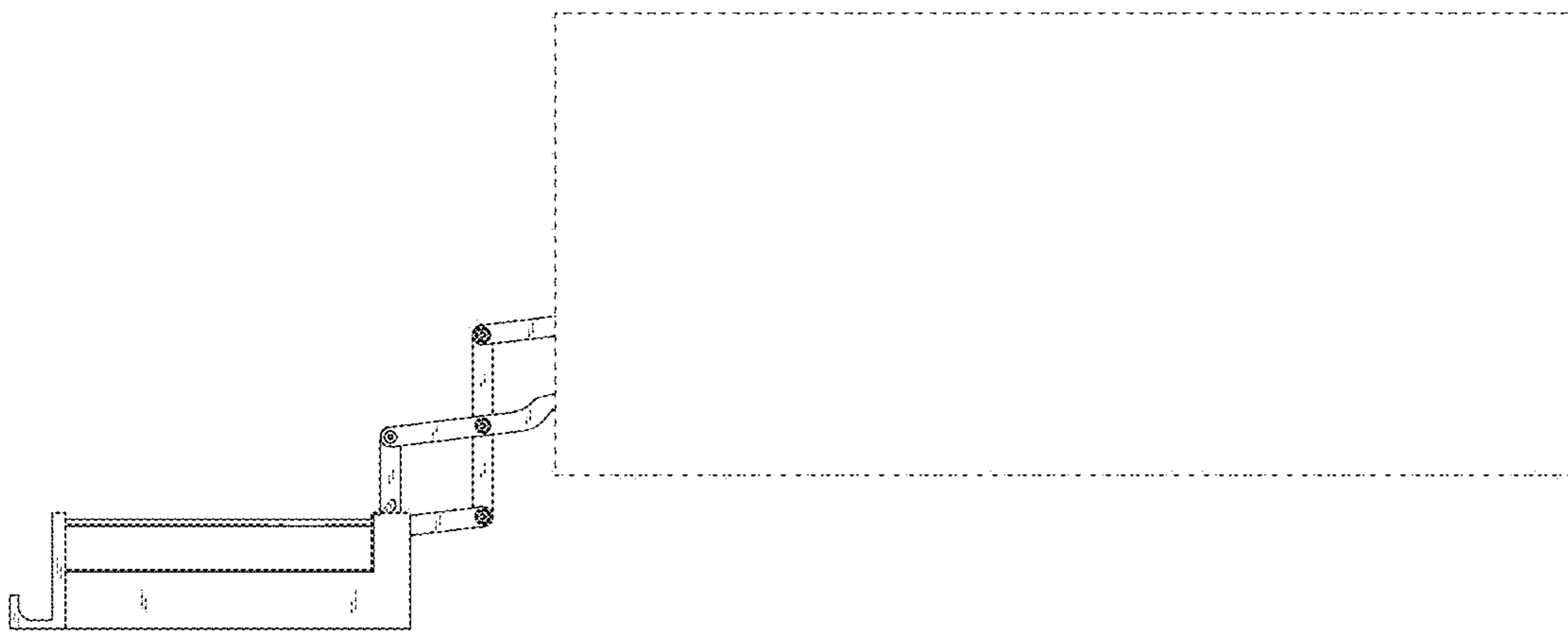


FIG. 48

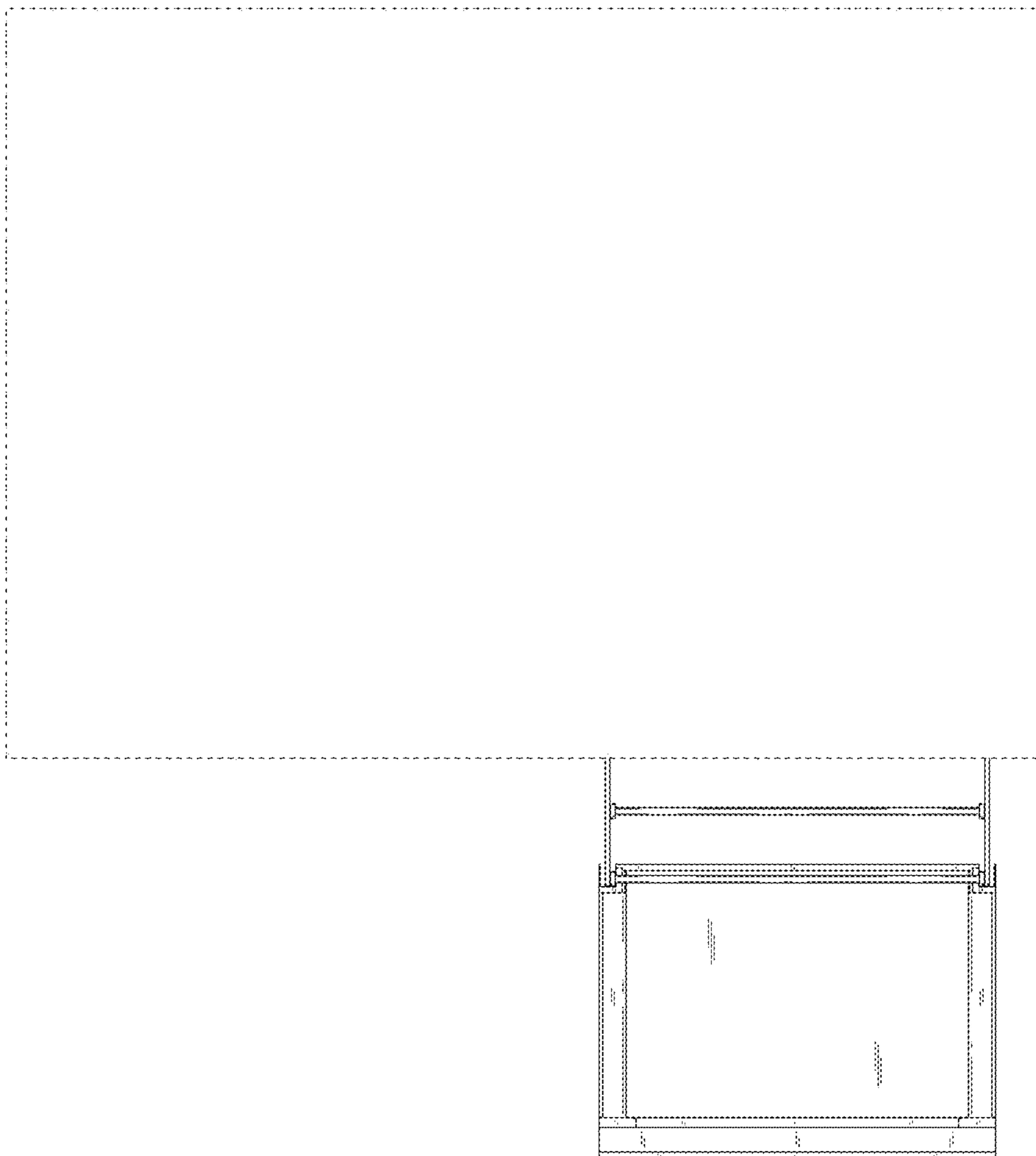


FIG. 49

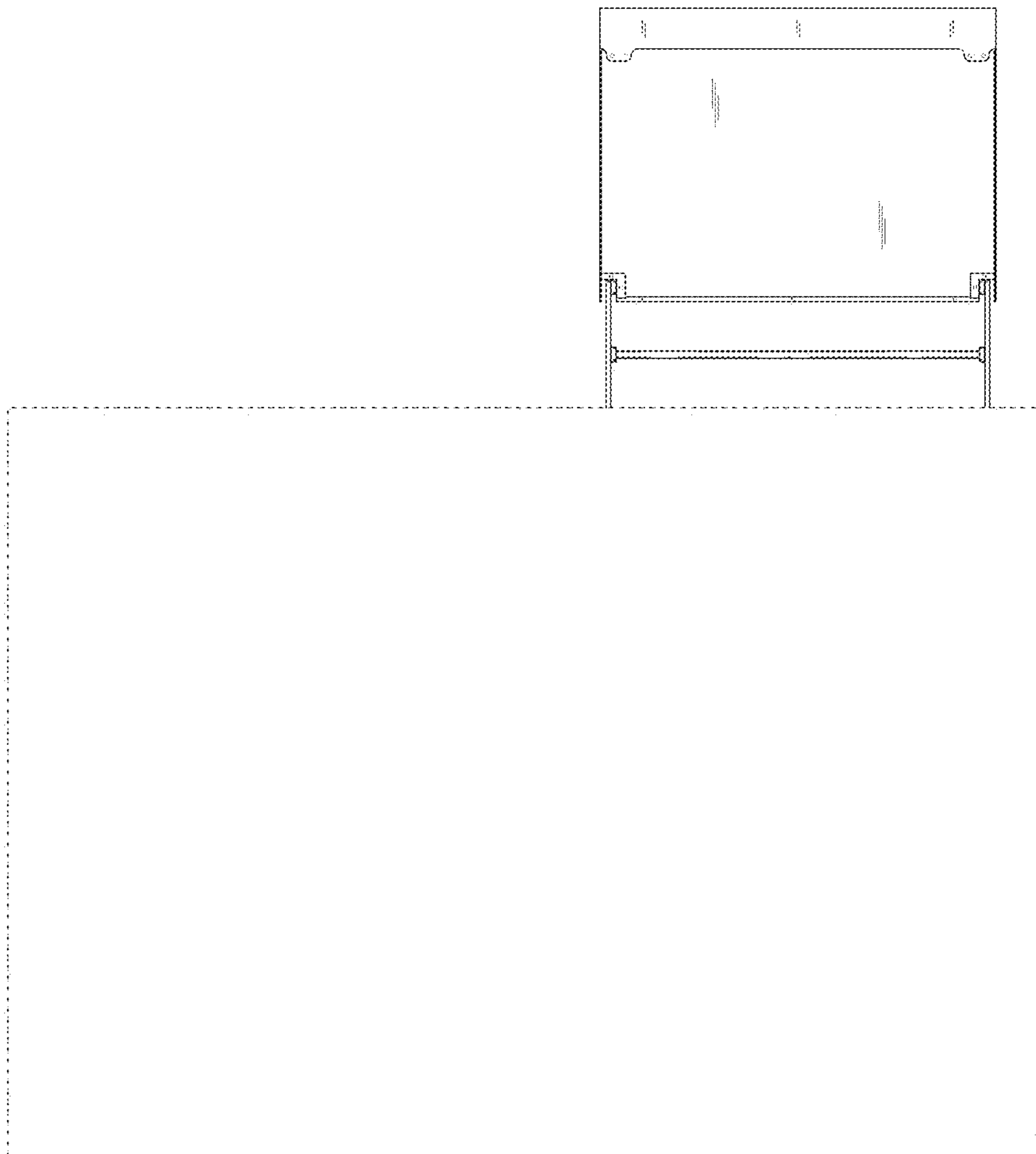


FIG. 50

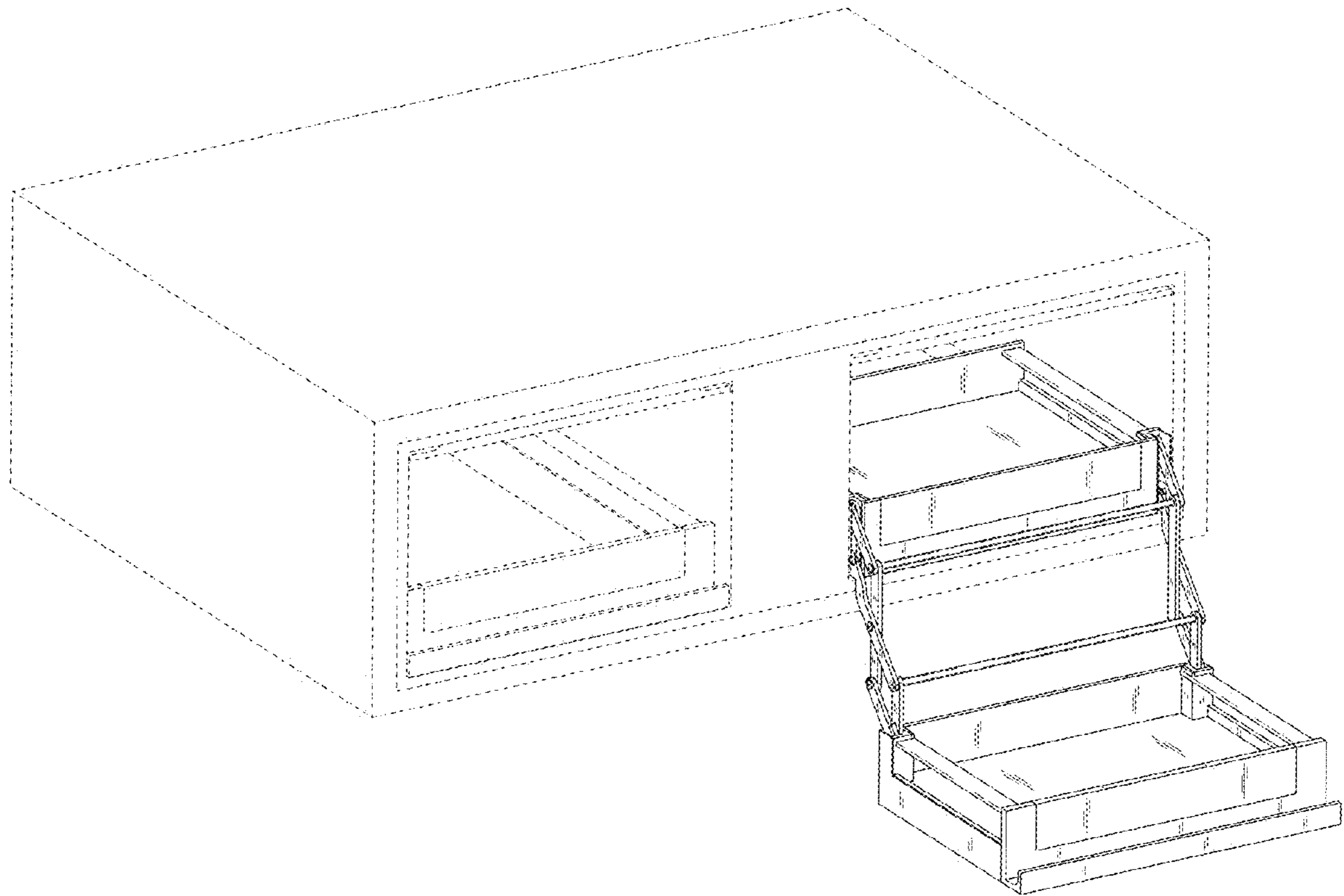


FIG. 51

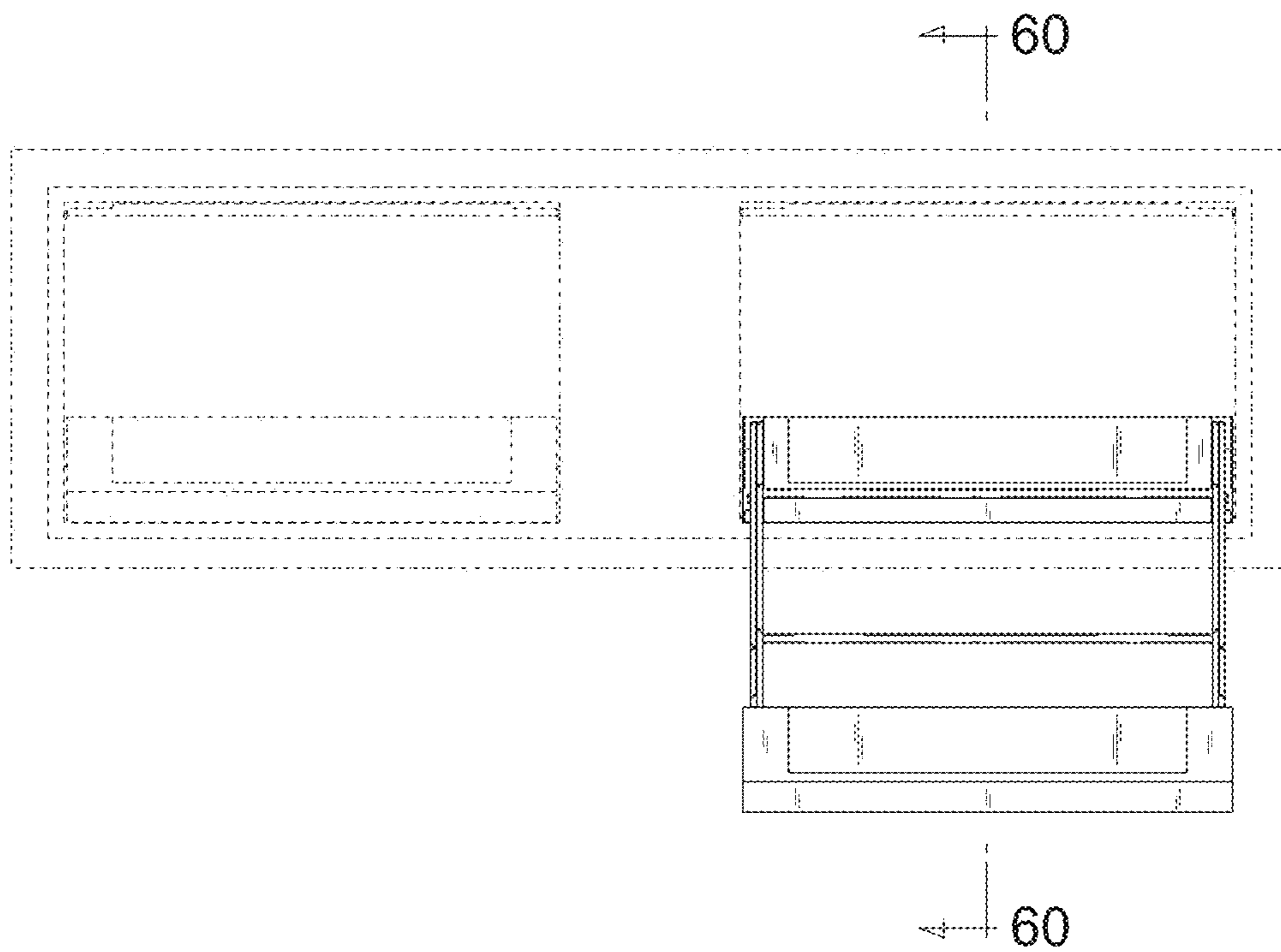


FIG. 52

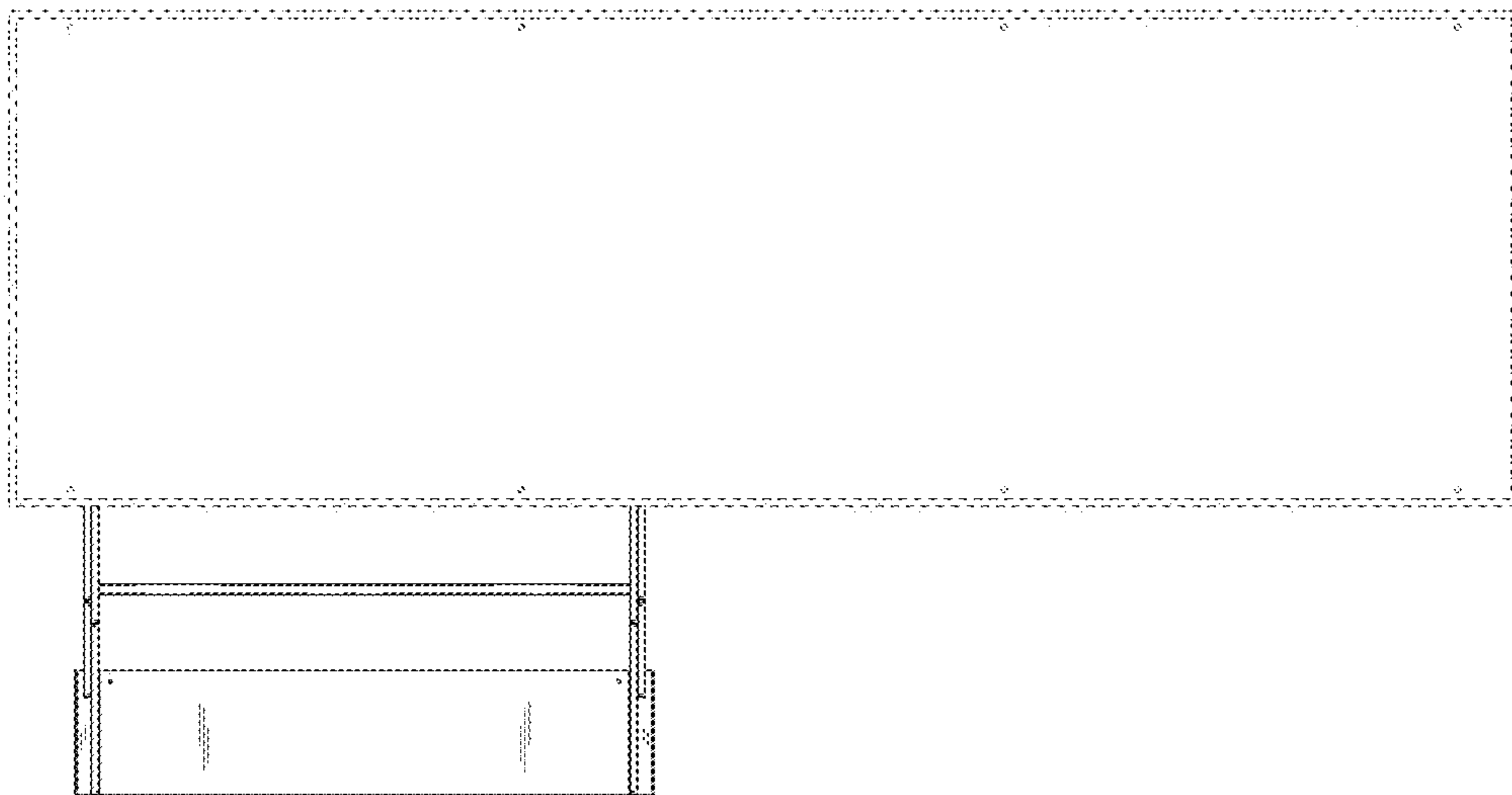


FIG. 53

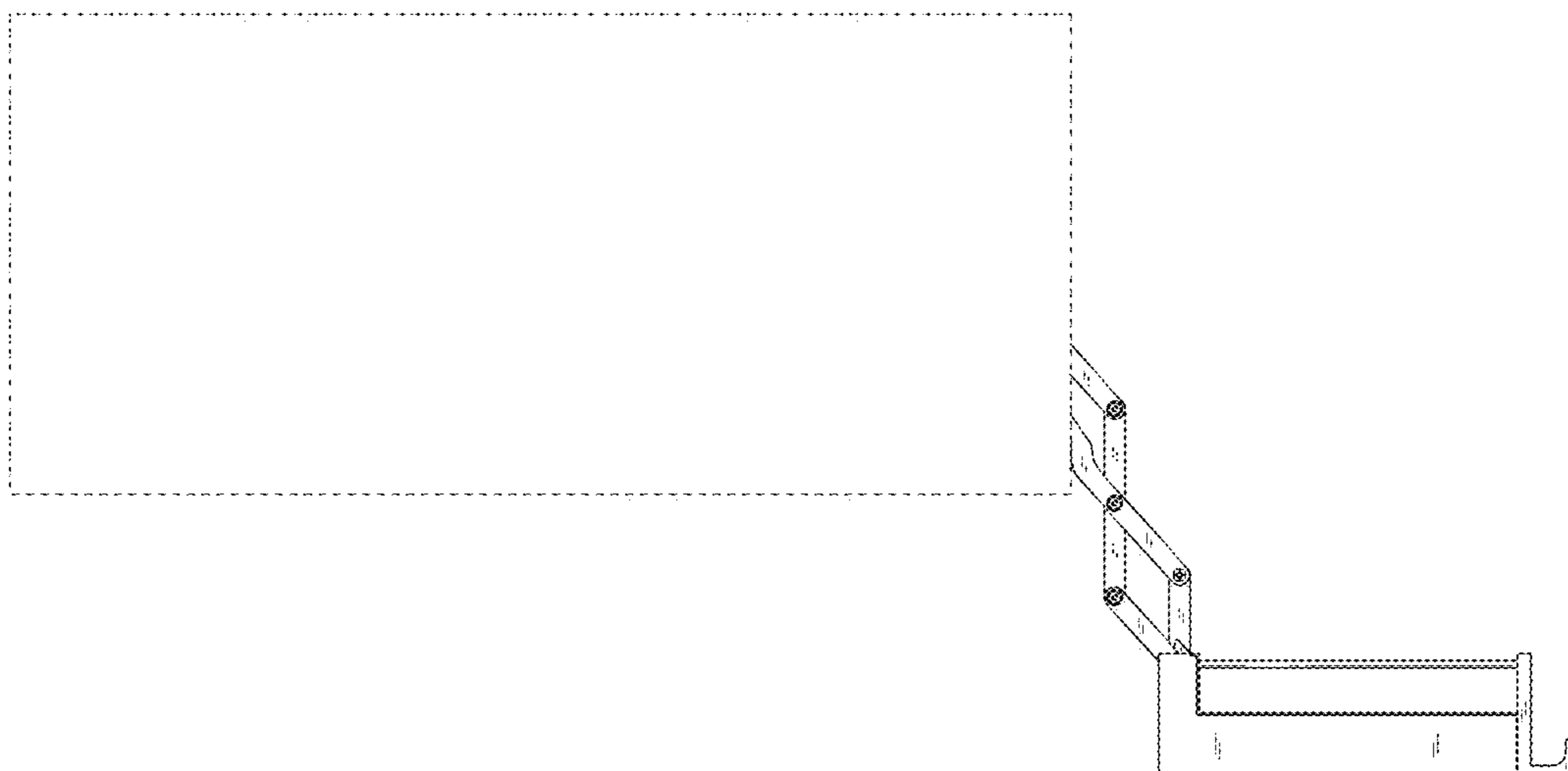


FIG. 54

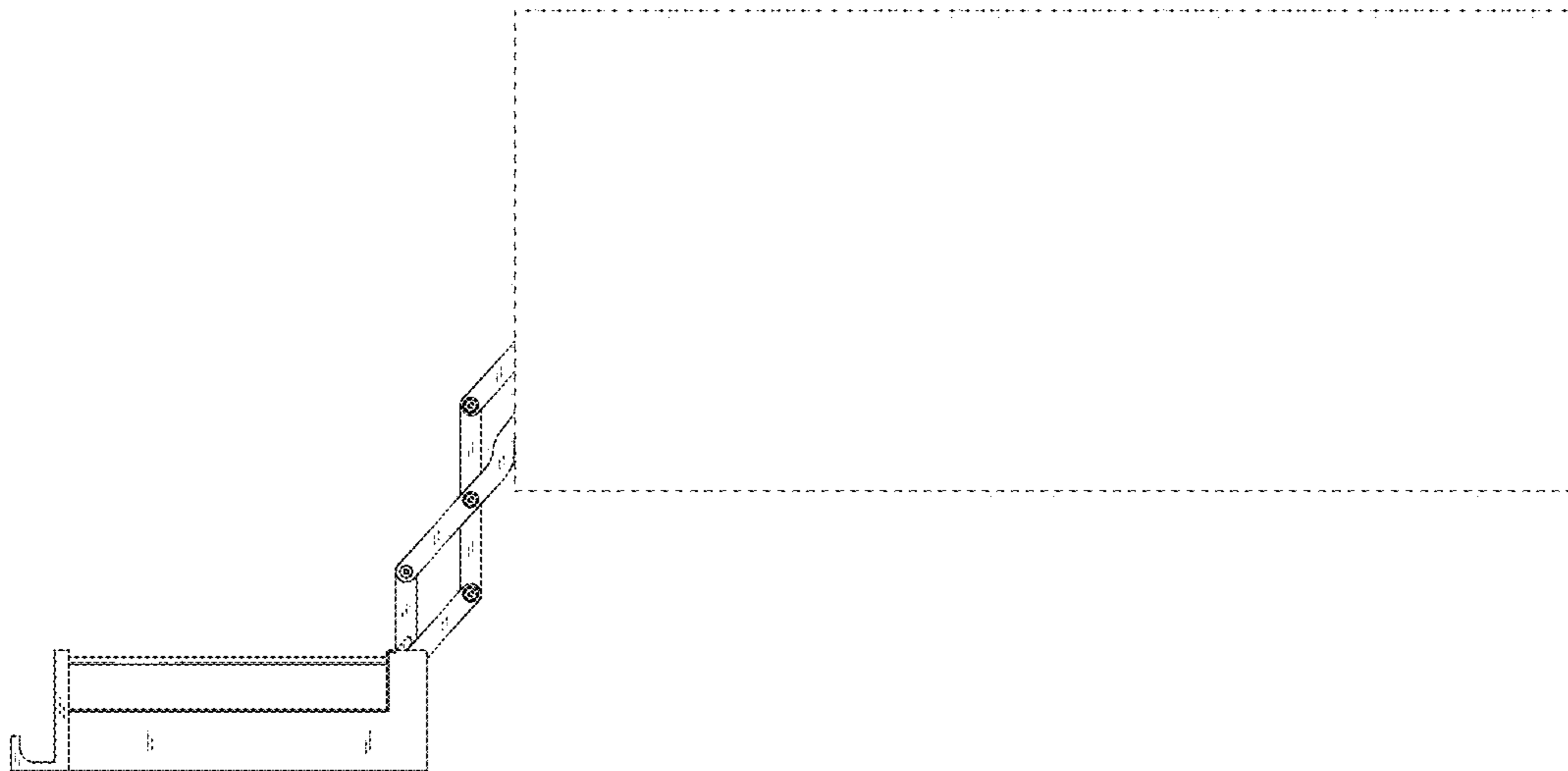


FIG. 55

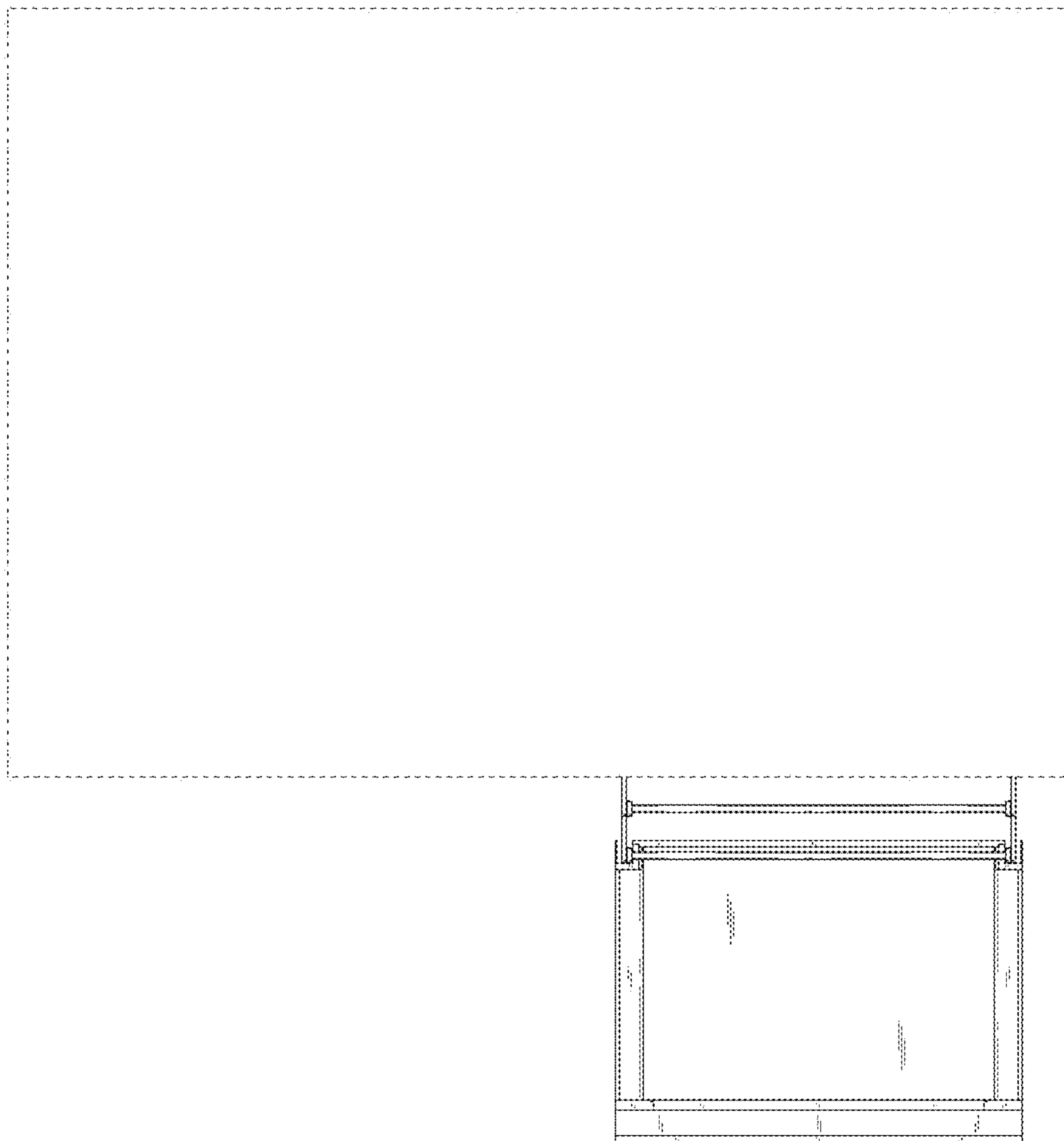


FIG. 56

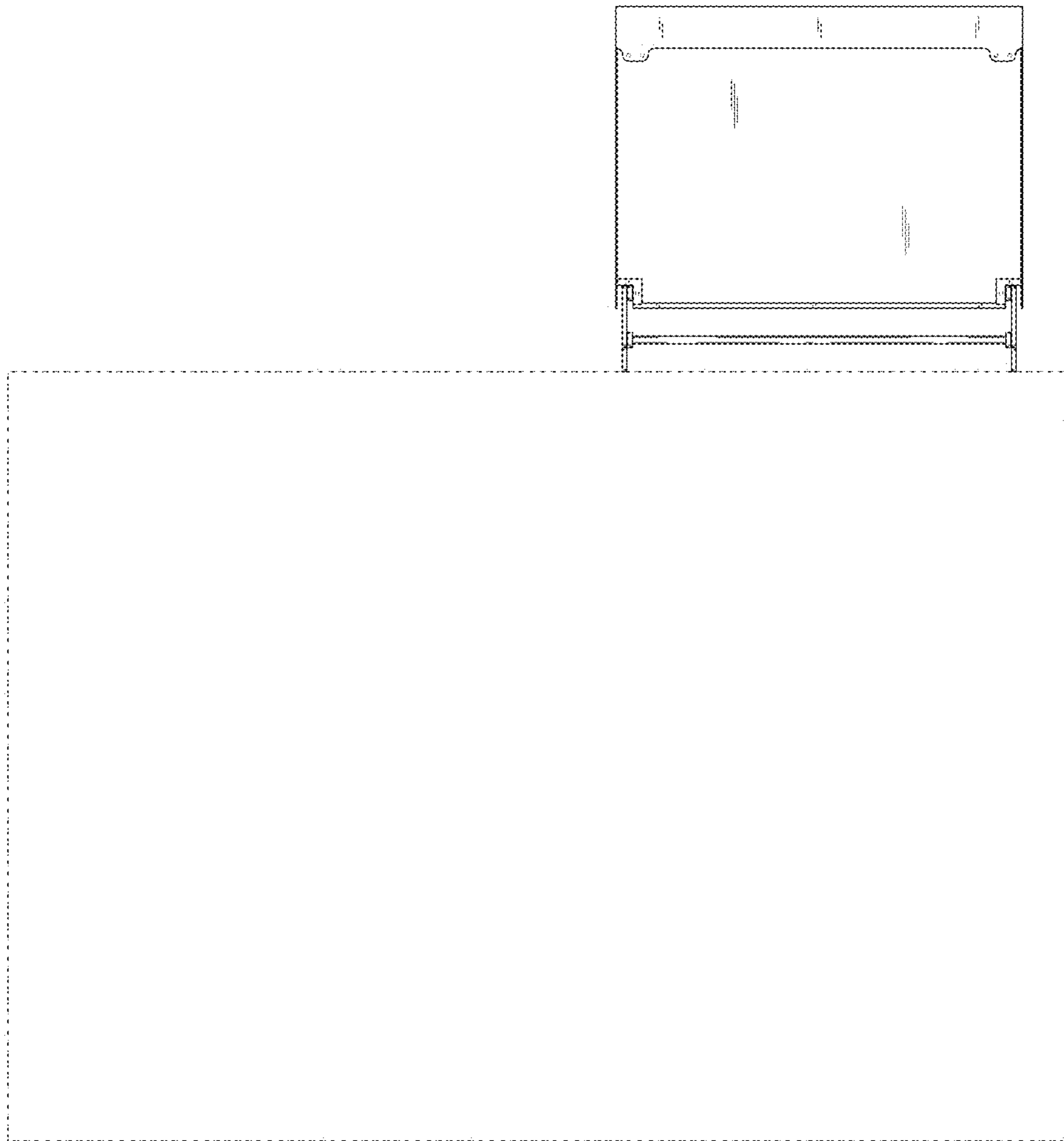


FIG. 57

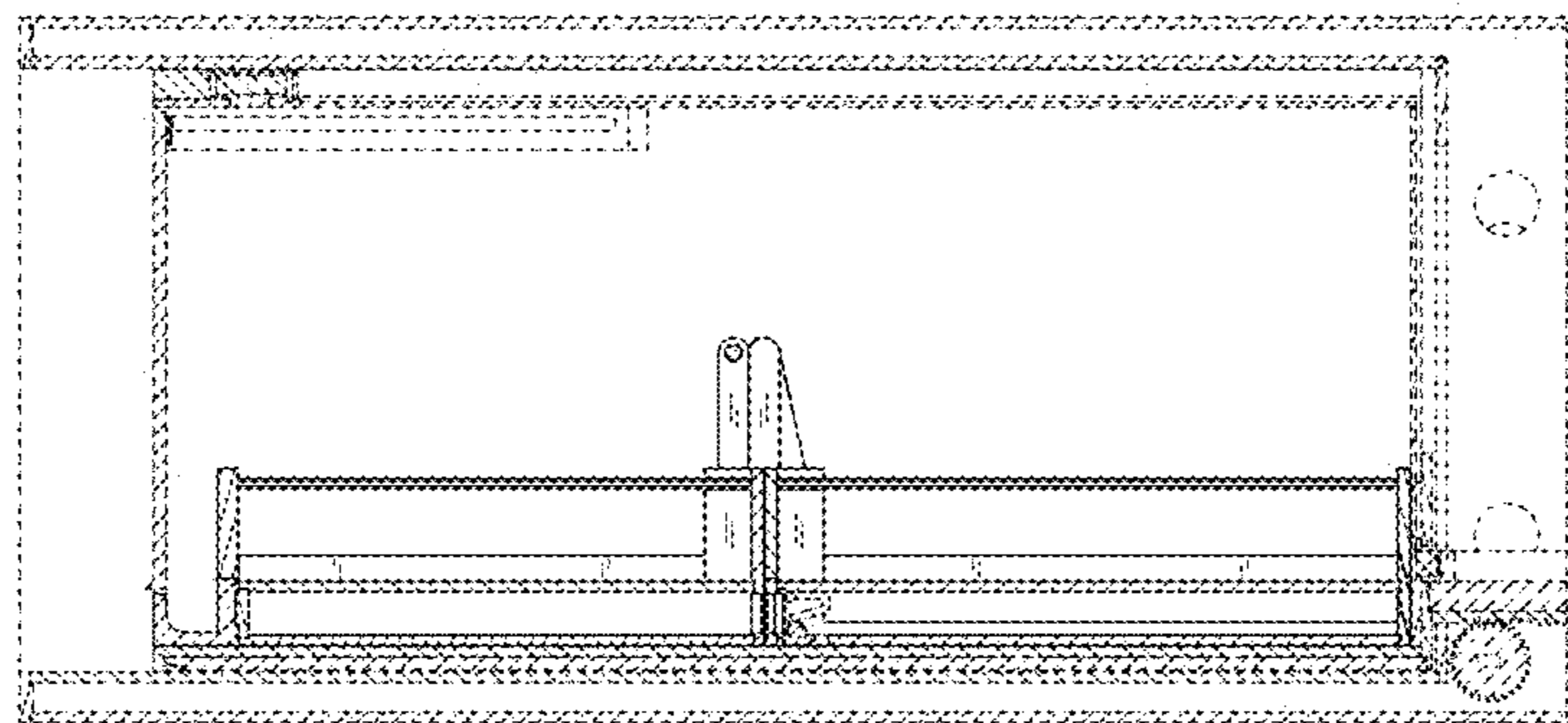


FIG. 58

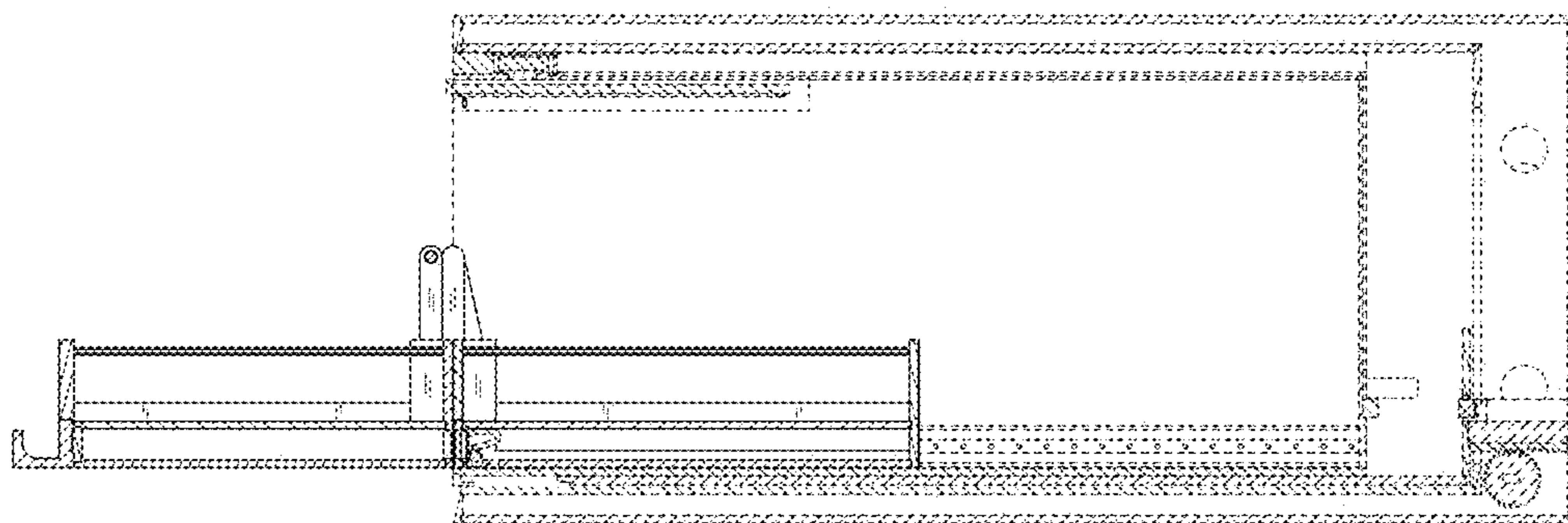


FIG. 59

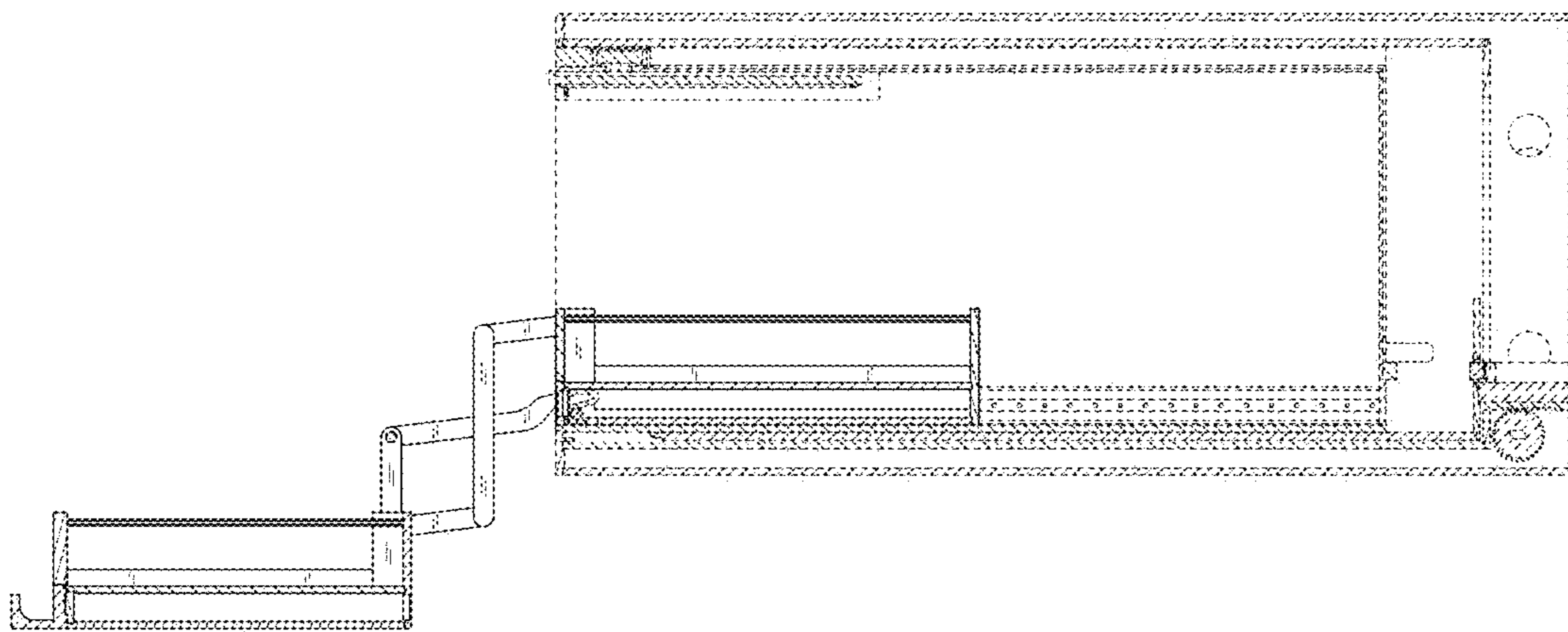


FIG. 60

