

US00D839316S

(12) **United States Design Patent** (10) **Patent No.:** **US D839,316 S**
Choi et al. (45) **Date of Patent:** **** Jan. 29, 2019**

(54) **DOOR FOR REFRIGERATOR**

(71) Applicant: **Samsung Electronics Co., Ltd.**,
Suwon-si (KR)

(72) Inventors: **Jun-Hyeok Choi**, Seongnam-si (KR);
Da-Jeong Kim, Seoul (KR); **Su-Yeon Park**, Incheon-si (KR); **Sang-Woon Jeon**, Seoul (KR); **Choong-Eun Lee**, Seoul (KR)

(73) Assignee: **Samsung Electronics Co., Ltd.**,
Suwon-si (KR)

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

(21) Appl. No.: **29/623,244**

(22) Filed: **Oct. 24, 2017**

(30) **Foreign Application Priority Data**

Aug. 3, 2017 (KR) 30-2017-0035918

(51) **LOC (11) Cl.** **15-07**

(52) **U.S. Cl.**
USPC **D15/85**

(58) **Field of Classification Search**

USPC D15/79-91; D8/300-302, 310, 312, 313,
D8/315-320, 331, 307-309; D6/522,
D6/524, 525, 307, 323, 364-368, 374

(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

D441,576 S * 5/2001 Foster D6/705.5
D501,785 S * 2/2005 Mogus D8/313

(Continued)

FOREIGN PATENT DOCUMENTS

CN 201530305836 1/2016
JP D1452776 10/2012

(Continued)

Primary Examiner — Ian Simmons

Assistant Examiner — Khawaja Anwar

(74) *Attorney, Agent, or Firm* — NSIP Law

(57) **CLAIM**

We claim the ornamental design for a door for refrigerator, as shown and described.

DESCRIPTION

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

FIG. 2 is a front elevational view thereof;

FIG. 3 is a rear elevational view thereof;

FIG. 4 is a left-side elevational view thereof;

FIG. 5 is a right-side elevational view thereof;

FIG. 6 is a top plan view thereof;

FIG. 7 is a bottom plan view thereof;

FIG. 8 is a cross-sectional view taken through line 8-8 of FIG. 2;

FIG. 9 is an enlarged view of the encircled portion shown in FIG. 1;

FIG. 10 is an enlarged view of the encircled portion shown in FIG. 8;

FIG. 11 is another top plan view of the door for refrigerator shown in an open position;

FIG. 12 is a front perspective view of the door for refrigerator shown in an open position; and,

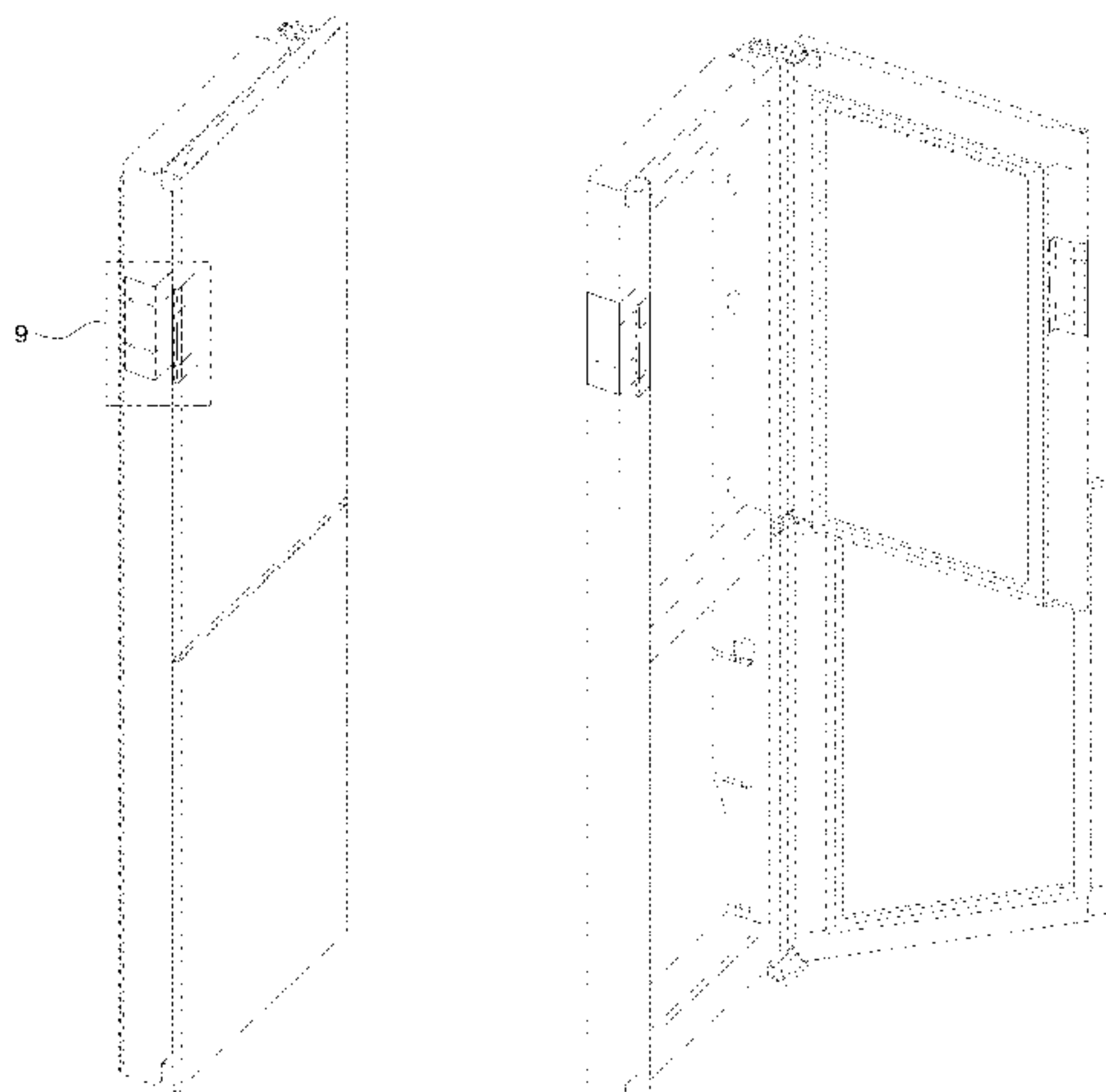
FIG. 13 is a front perspective view thereof in which a refrigerator is shown in broken lines to illustrate an example environment in an open position.

The evenly spaced broken lines in the figures depict environmental subject matter and form no part of the claimed design.

The dot-dash broken lines in the figures represent a boundary line and form no part of the claimed design.

The dot-dot-dash broken lines encircling portions of the claimed design that are illustrated in enlargements form no part of the claimed design.

1 Claim, 11 Drawing Sheets



(58) **Field of Classification Search**

CPC .. F25D 11/00; F25D 17/065; F25D 2325/022;
 F25D 23/069; F25D 25/025; F25D 11/02;
 F25D 17/062; F25D 21/12; F25D 21/125;
 F25D 21/14; F25D 2317/061; F25D
 2317/067; F25D 2323/021; F25D
 2323/024; F25D 23/028; F25D 23/04;
 F25D 23/066; F25D 23/085; F25D
 23/087; F25D 23/126; F25D 2400/02;
 F25D 2400/06; F25D 2400/361; F25D
 2400/40; F25D 25/005; F25D 25/02;
 F25D 2600/02; F25D 2700/02; F25D
 2700/12; F25D 2700/121; F25D 2700/14;
 F25D 29/00

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D729,287	S	*	5/2015	Lee		D15/89
D742,436	S	*	11/2015	Park		D15/91
D766,695	S	*	9/2016	Mattrisch		D8/301
D783,691	S	*	4/2017	Kim		D15/91
D786,318	S	*	5/2017	Kim		D15/86
D786,946	S	*	5/2017	Kim		D15/85
D810,154	S	*	2/2018	Lee		D15/91

FOREIGN PATENT DOCUMENTS

JP	D1461253	2/2013
KR	30-2012-0057655	3/2014
KR	30-2016-0008746	8/2016

* cited by examiner

FIG. 1

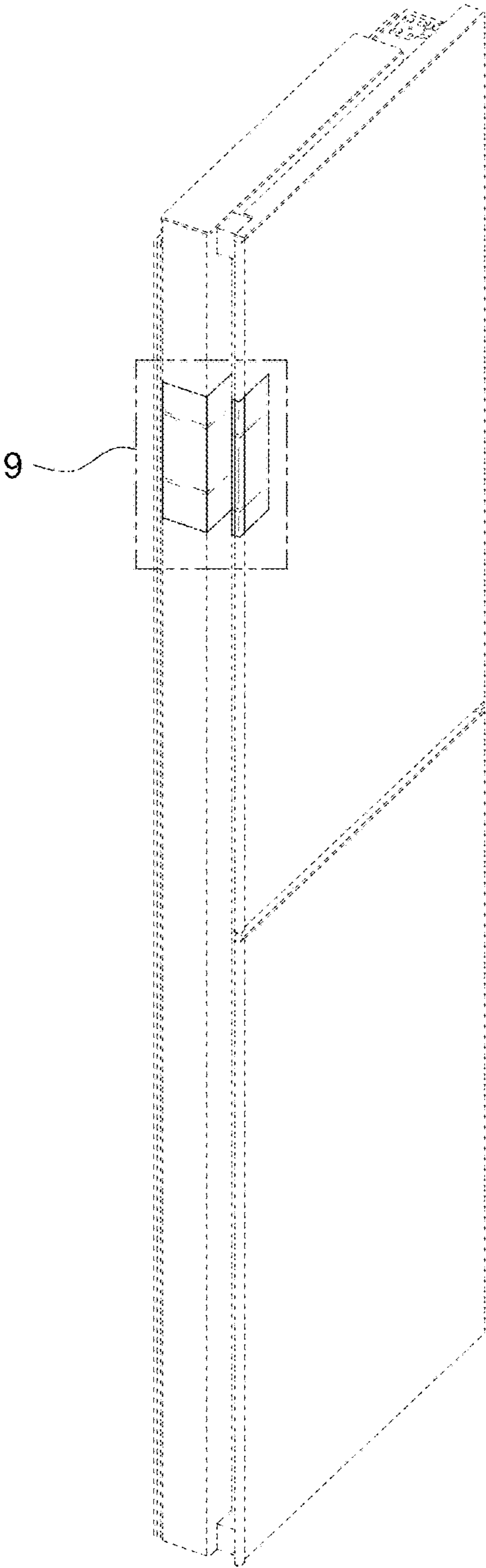


FIG. 2

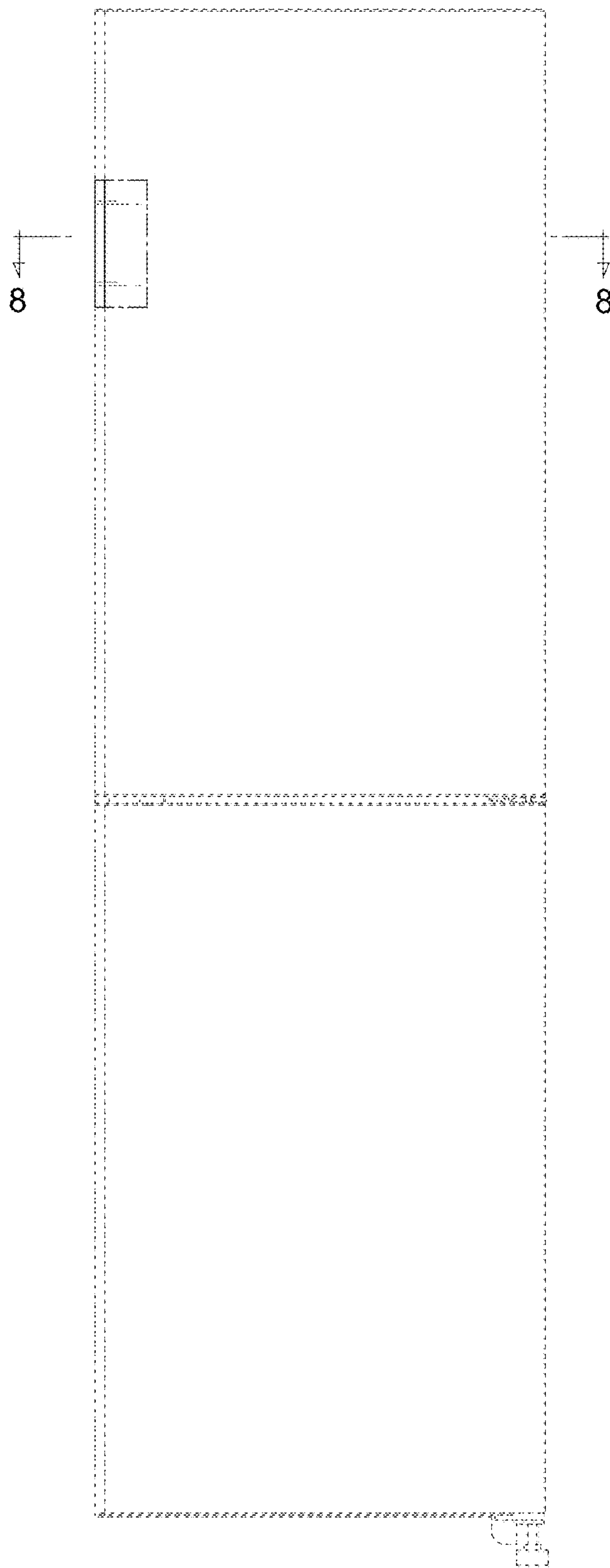


FIG. 3

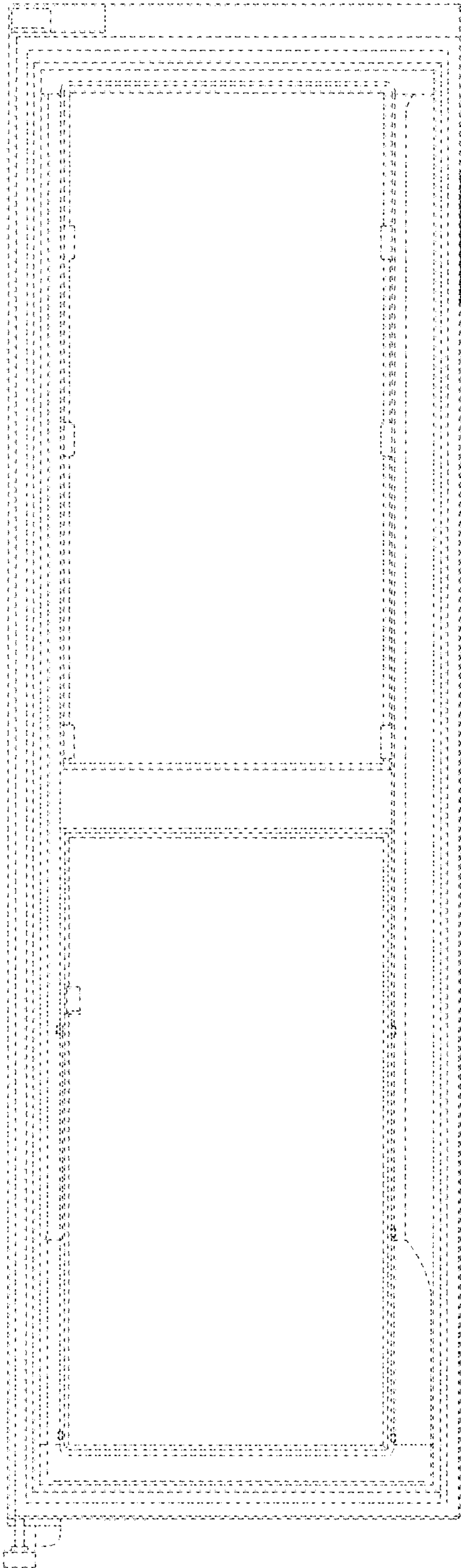


FIG. 4

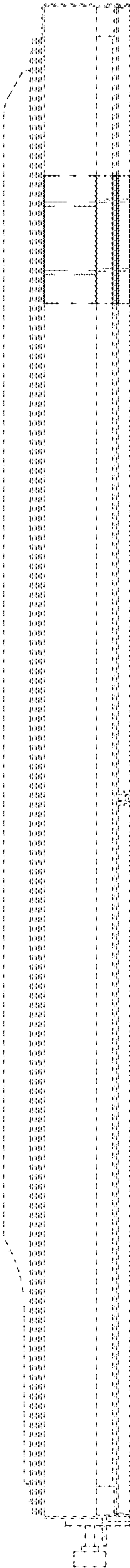


FIG. 5

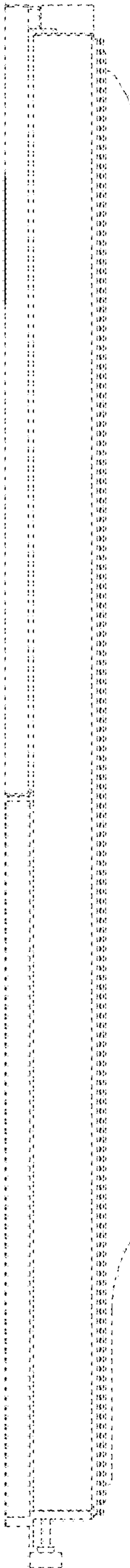


FIG. 6

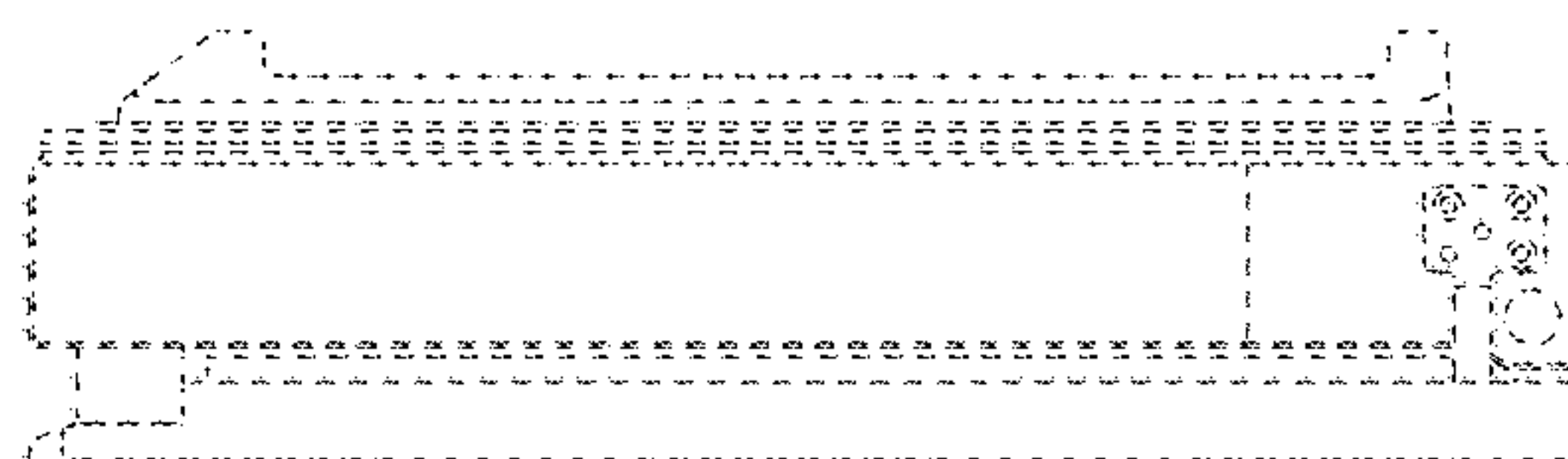


FIG. 7

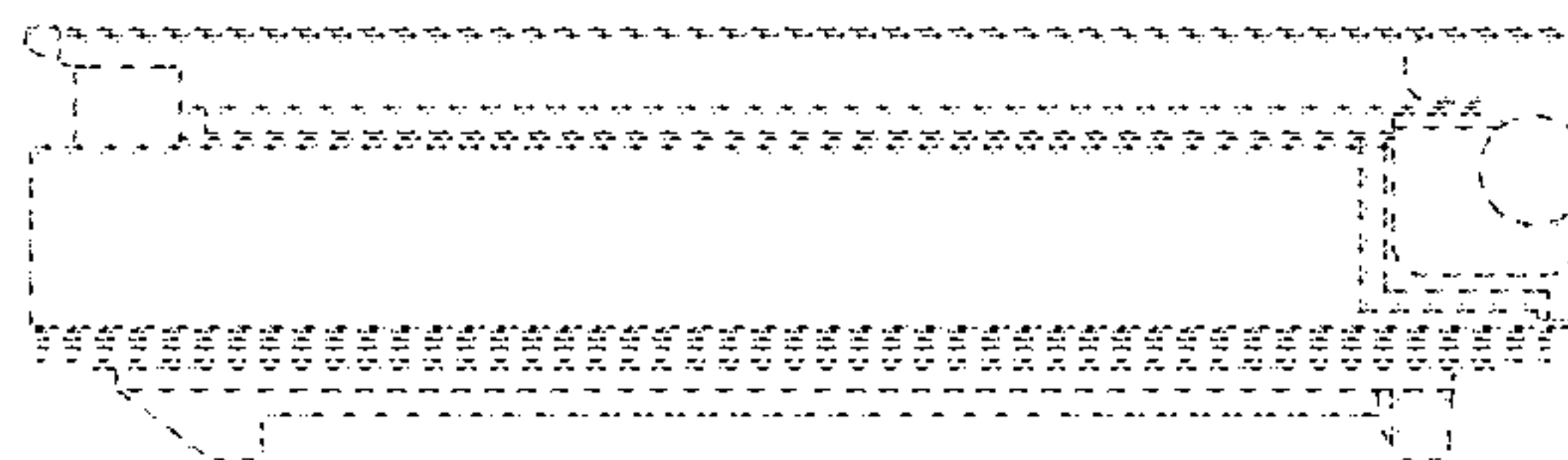


FIG. 8

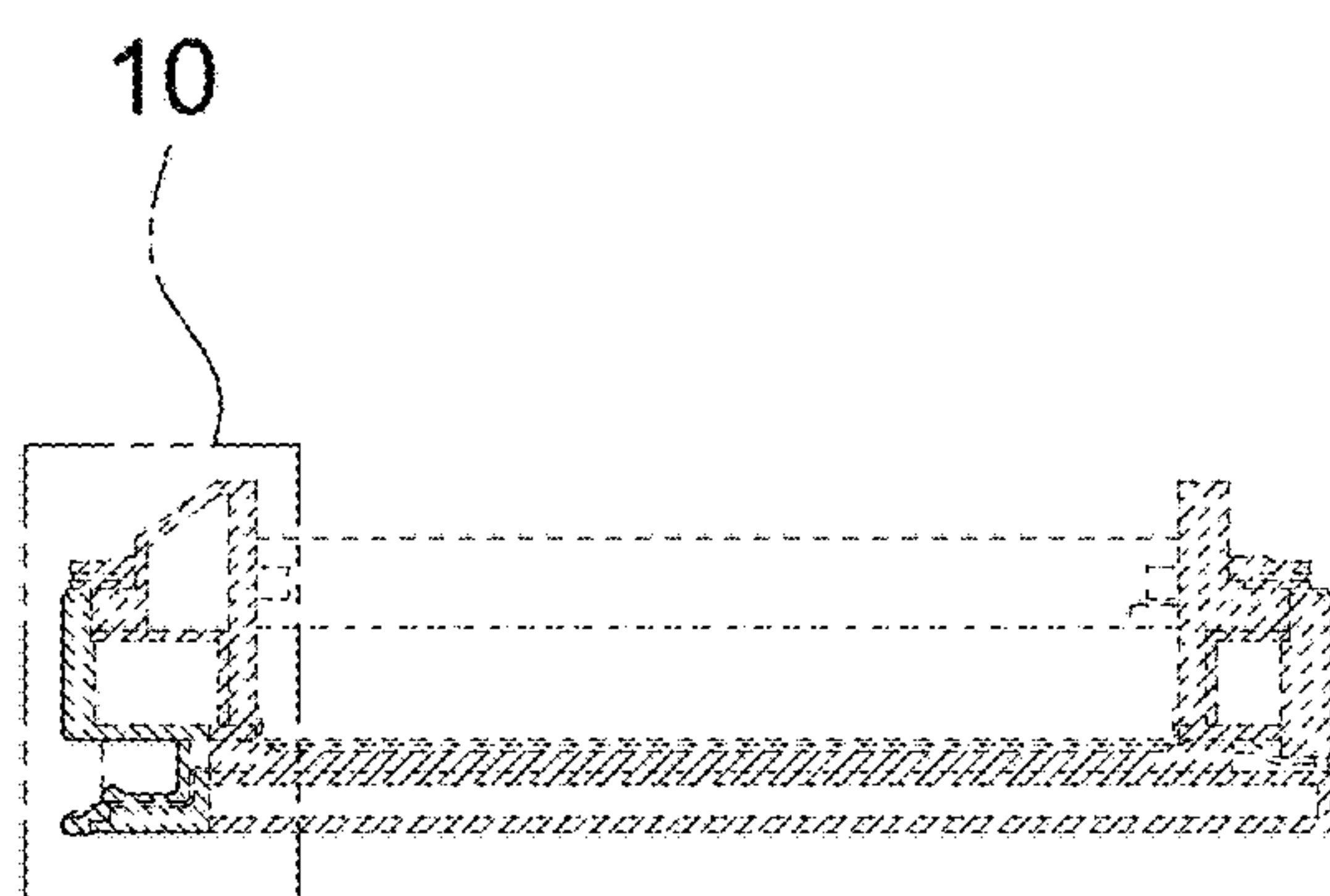


FIG. 9

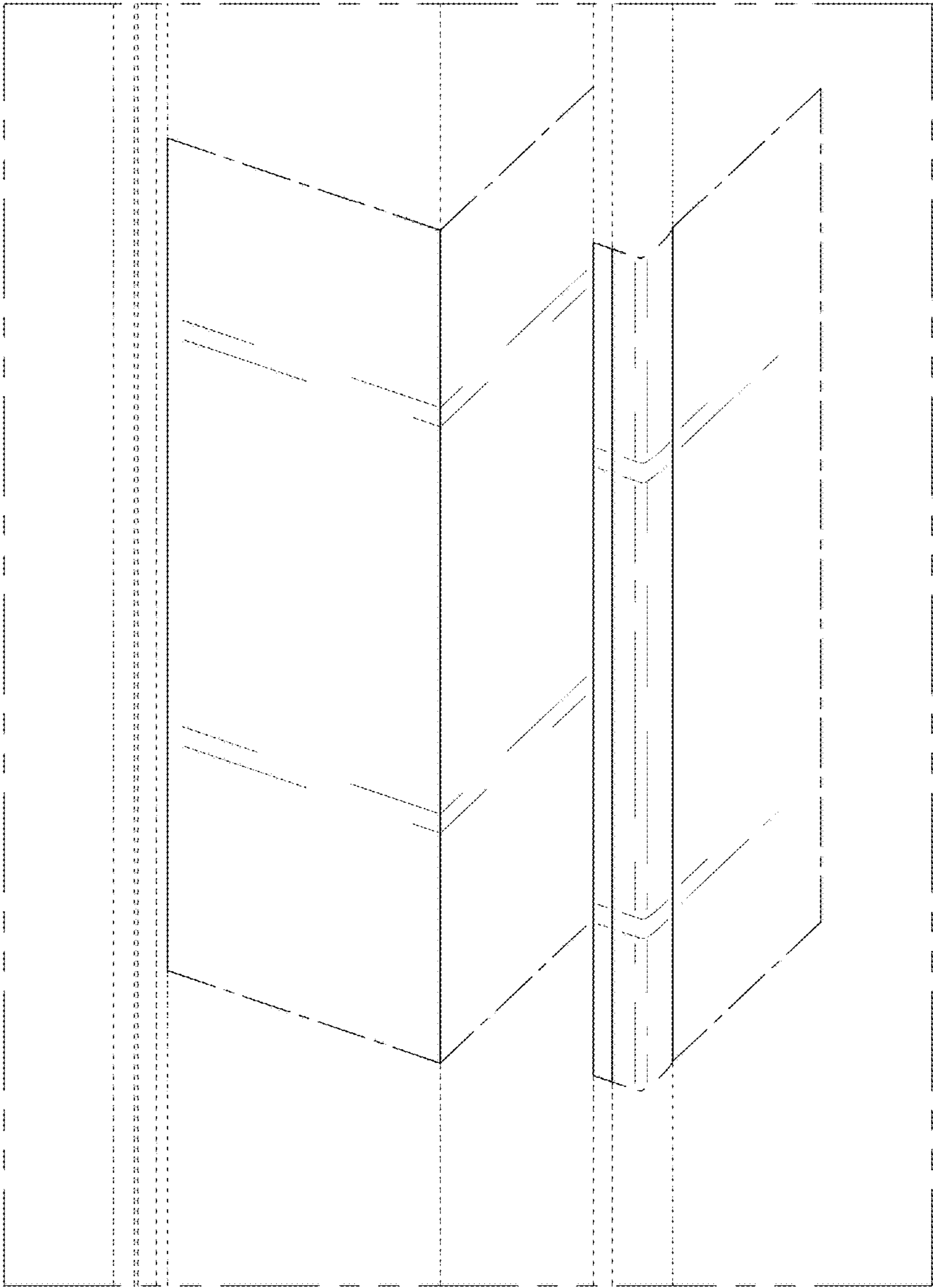


FIG. 10

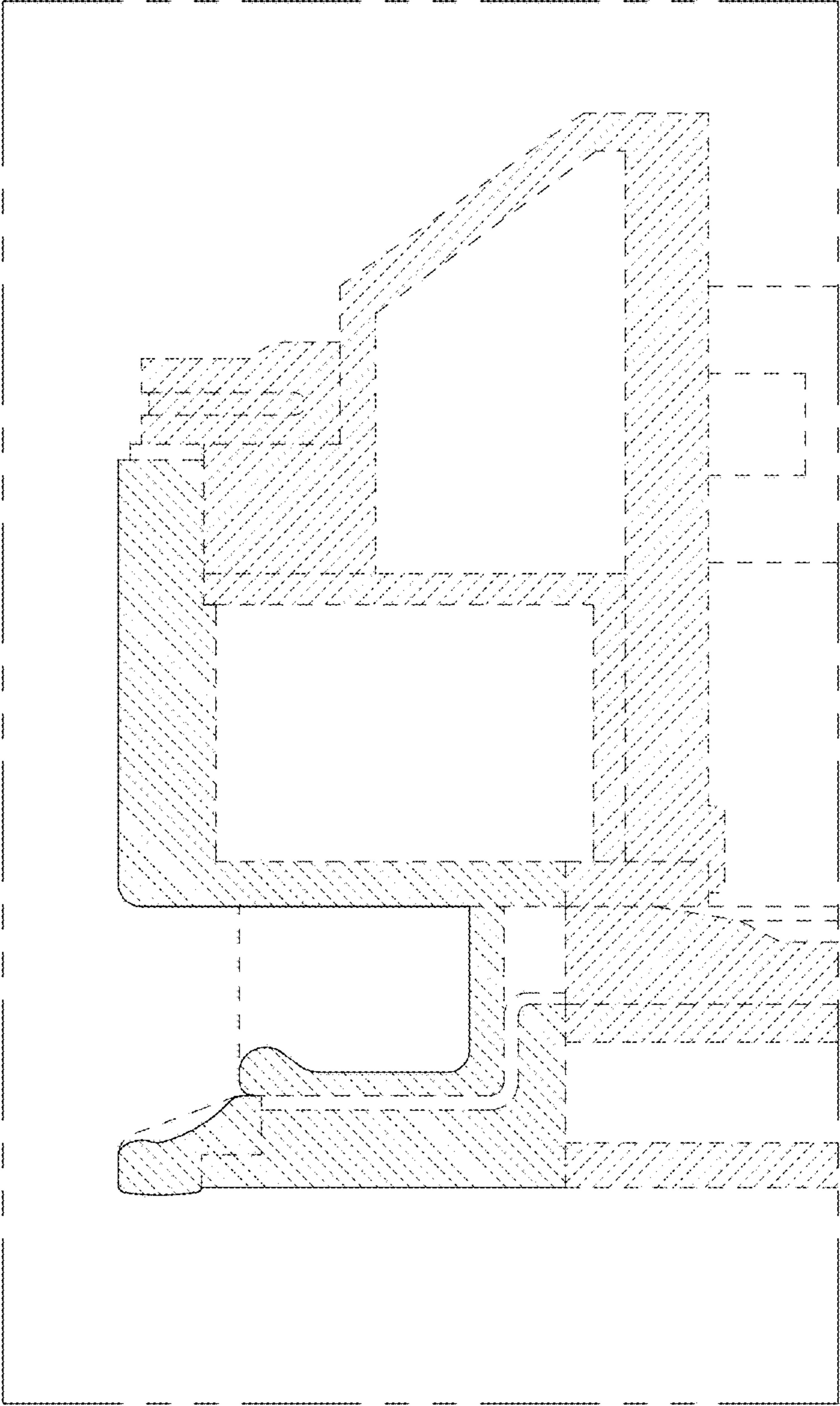


FIG. 11

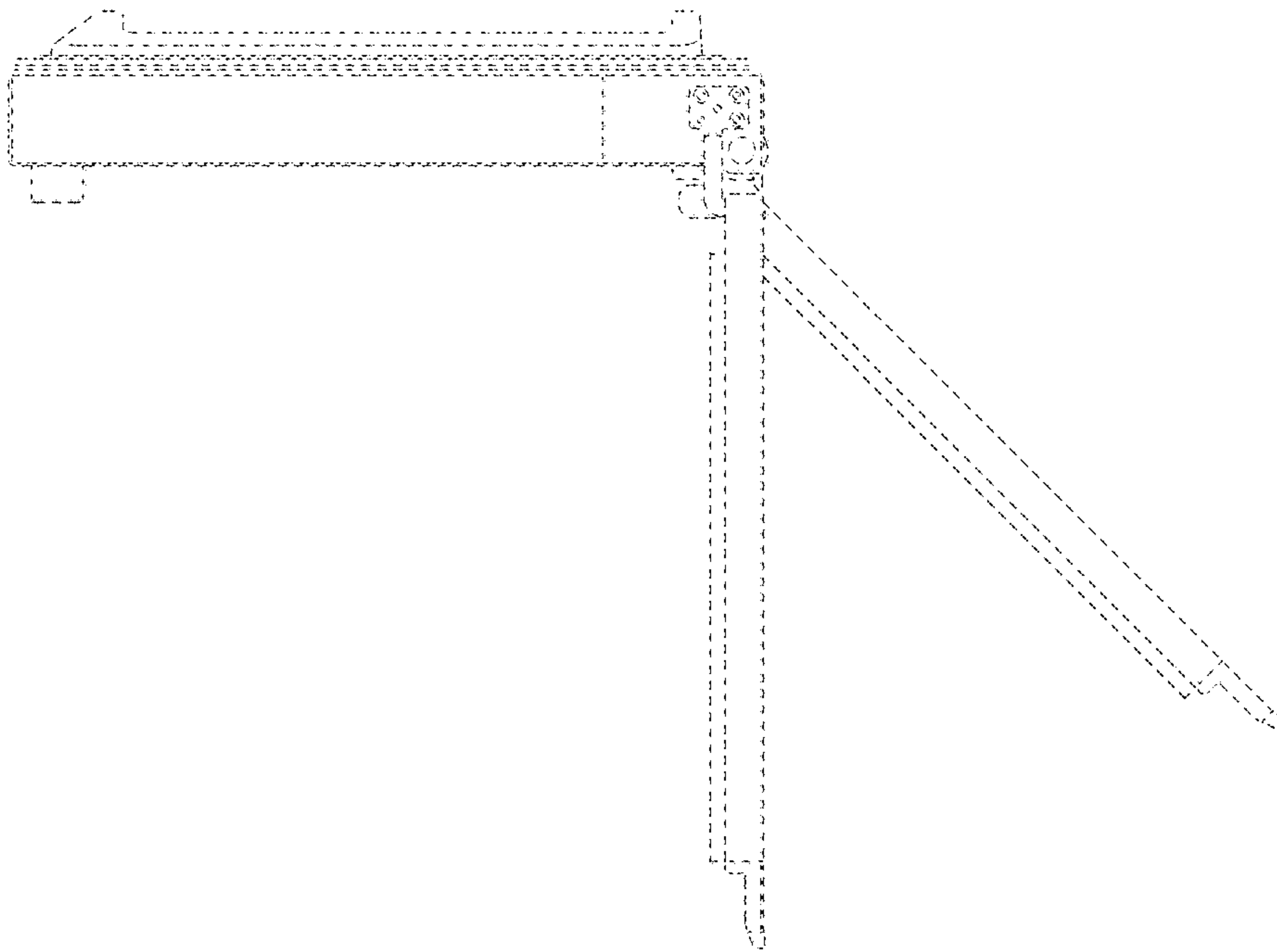


FIG. 12

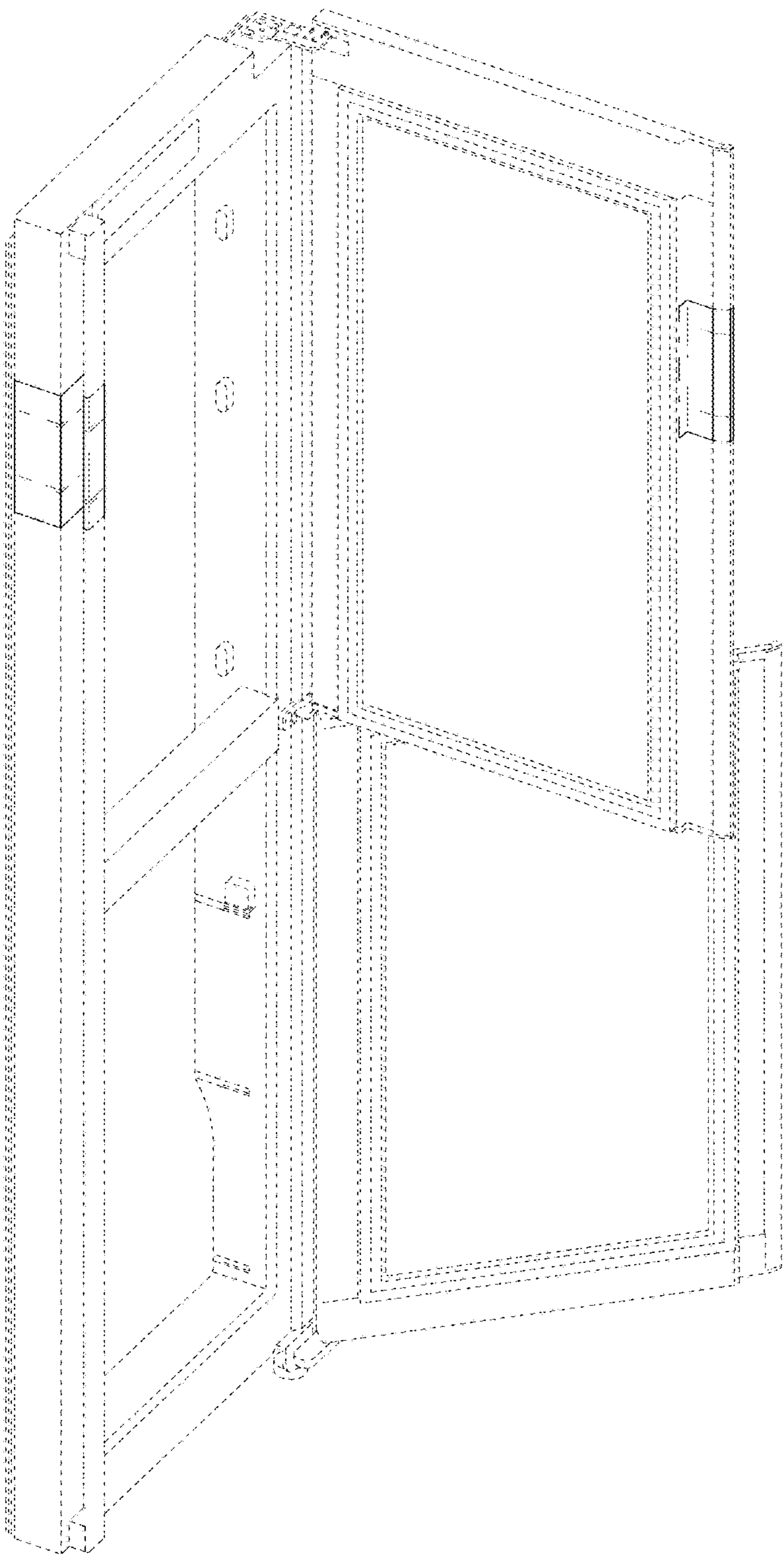


FIG. 13

