



US00D773556S

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

(10) **Patent No.:** **US D773,556 S**
(45) **Date of Patent:** **** Dec. 6, 2016**

(54) **RING BINDER**

DESCRIPTION

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(73) Assignee: **MAX CO., LTD.**, Tokyo (JP)

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

(21) Appl. No.: **29/516,841**

(22) Filed: **Feb. 6, 2015**

(30) **Foreign Application Priority Data**

Aug. 8, 2014 (JP) 2014-017321
Feb. 2, 2015 (JP) 2015-001957

(51) **LOC (10) Cl.** **19-04**

(52) **U.S. Cl.**
USPC **D19/32**

(58) **Field of Classification Search**
USPC D19/6, 26-28, 31-34; 283/36, 38
(Continued)

(56) **References Cited**

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(Continued)

Primary Examiner — Celia Murphy

Assistant Examiner — Clare Ann Gannon

(74) *Attorney, Agent, or Firm* — Drinker Biddle & Reath
LLP

(57) **CLAIM**

The ornamental design for a ring binder, as shown and described.

FIG. 1 is a perspective view of front, top and right side view of a ring binder according to a first embodiment showing our new design;

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

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

FIG. 4 is a front view thereof;

FIG. 5 is a rear view thereof;

FIG. 6 is a left side view thereof;

FIG. 7 is a right side view thereof;

FIG. 8 is a top view thereof;

FIG. 9 is a bottom view thereof;

FIG. 10 is an enlarged detail view of area 10 in FIG. 4;

FIG. 11 is an enlarged detail view of area 11 in FIG. 4;

FIG. 12 is an enlarged detail view of area 12 in FIG. 5;

FIG. 13 is an enlarged detail view of area 13 in FIG. 5;

FIG. 14 is a perspective view thereof, shown in an alternate closed configuration;

FIG. 15 is a perspective view thereof, shown in a position of use;

FIG. 16 is a perspective view of front, top and right side view of a ring binder according to a second embodiment showing our new design;

FIG. 17 is a perspective view of rear, top and left side view thereof;

FIG. 18 is a perspective view of rear, bottom and right side view thereof;

FIG. 19 is a front view thereof;

FIG. 20 is a rear view thereof;

FIG. 21 is a left side view thereof;

FIG. 22 is a right side view thereof;

FIG. 23 is a top view thereof;

FIG. 24 is a bottom view thereof;

FIG. 25 is an enlarged detail view of area 25 in FIG. 19;

FIG. 26 is an enlarged detail view of area 26 in FIG. 19;

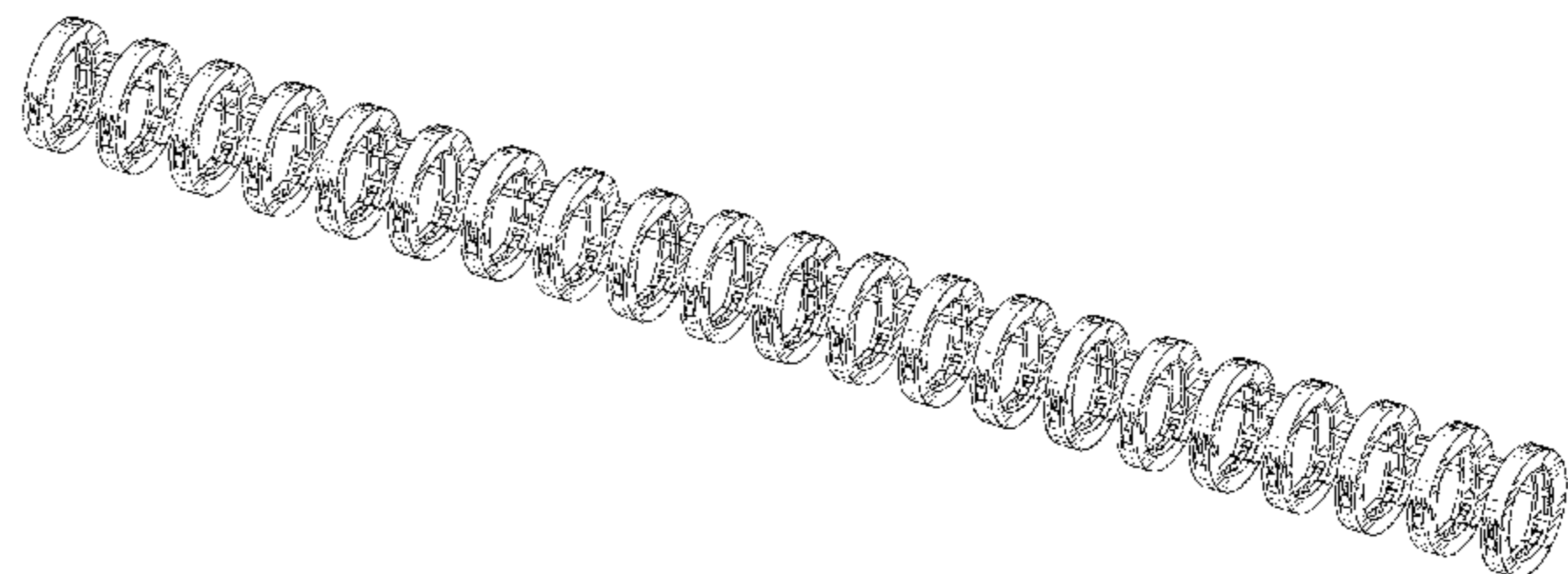
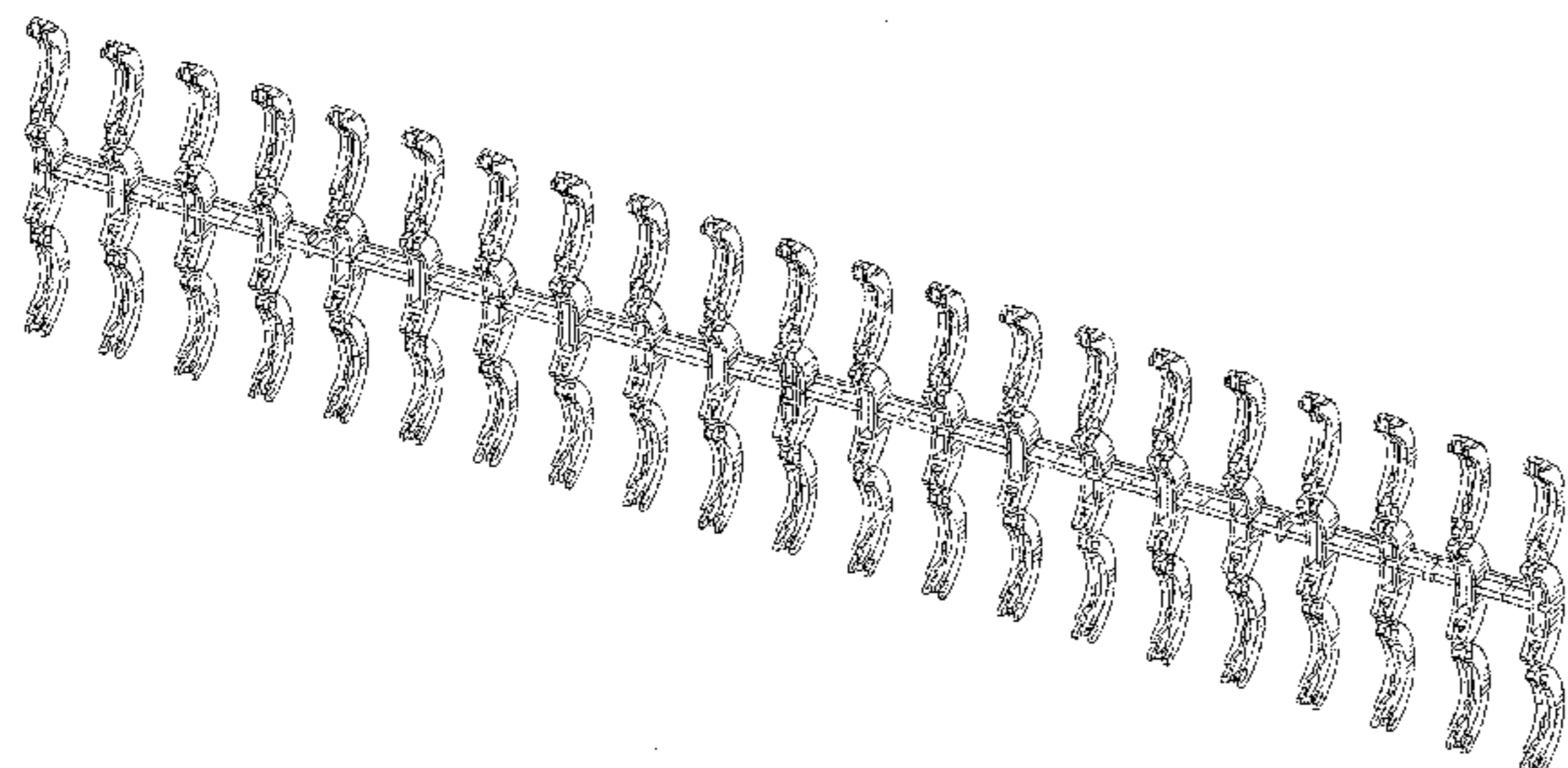
FIG. 27 is an enlarged detail view of area 27 in FIG. 20;

FIG. 28 is an enlarged detail view of area 28 in FIG. 20;

FIG. 29 is a perspective view thereof, shown in an alternate closed configuration; and,

FIG. 30 is a perspective view thereof, shown in a position of use.

(Continued)



The broken lines shown are included for the purpose of illustrating the unclaimed portions of a ring binder and form no part of the claimed design.

1 Claim, 18 Drawing Sheets

(58) Field of Classification Search

CPC B42D 3/00; B42D 3/12; B42D 13/00;
 B42D 15/02; B42F 15/04; B42F
 7/00; B42F 7/02; B42F 7/025; B42F 7/06;
 B42F 3/002; B42F 13/16; B42F 13/40;
 B42F 13/406

See application file for complete search history.

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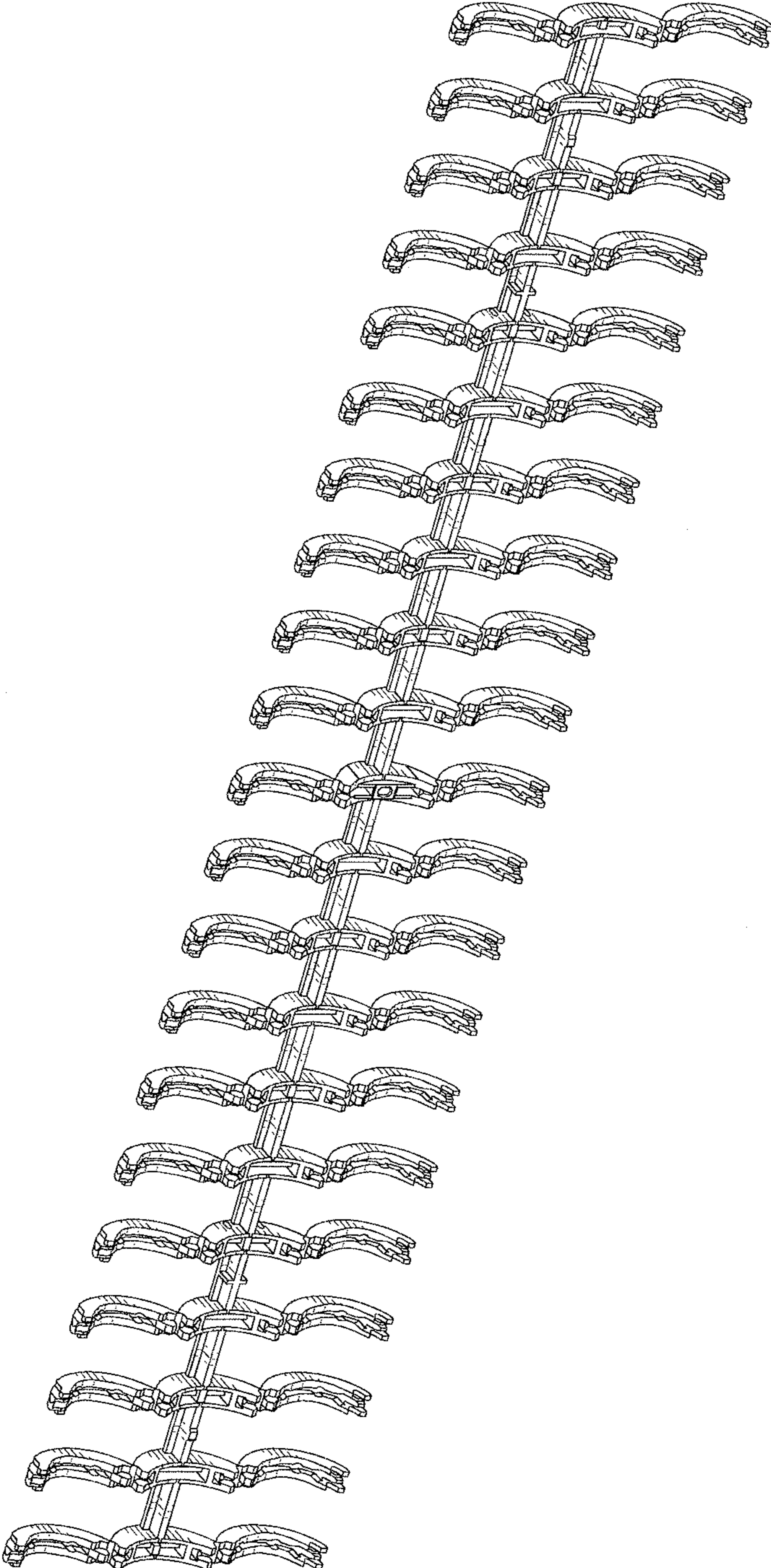


FIG. 1

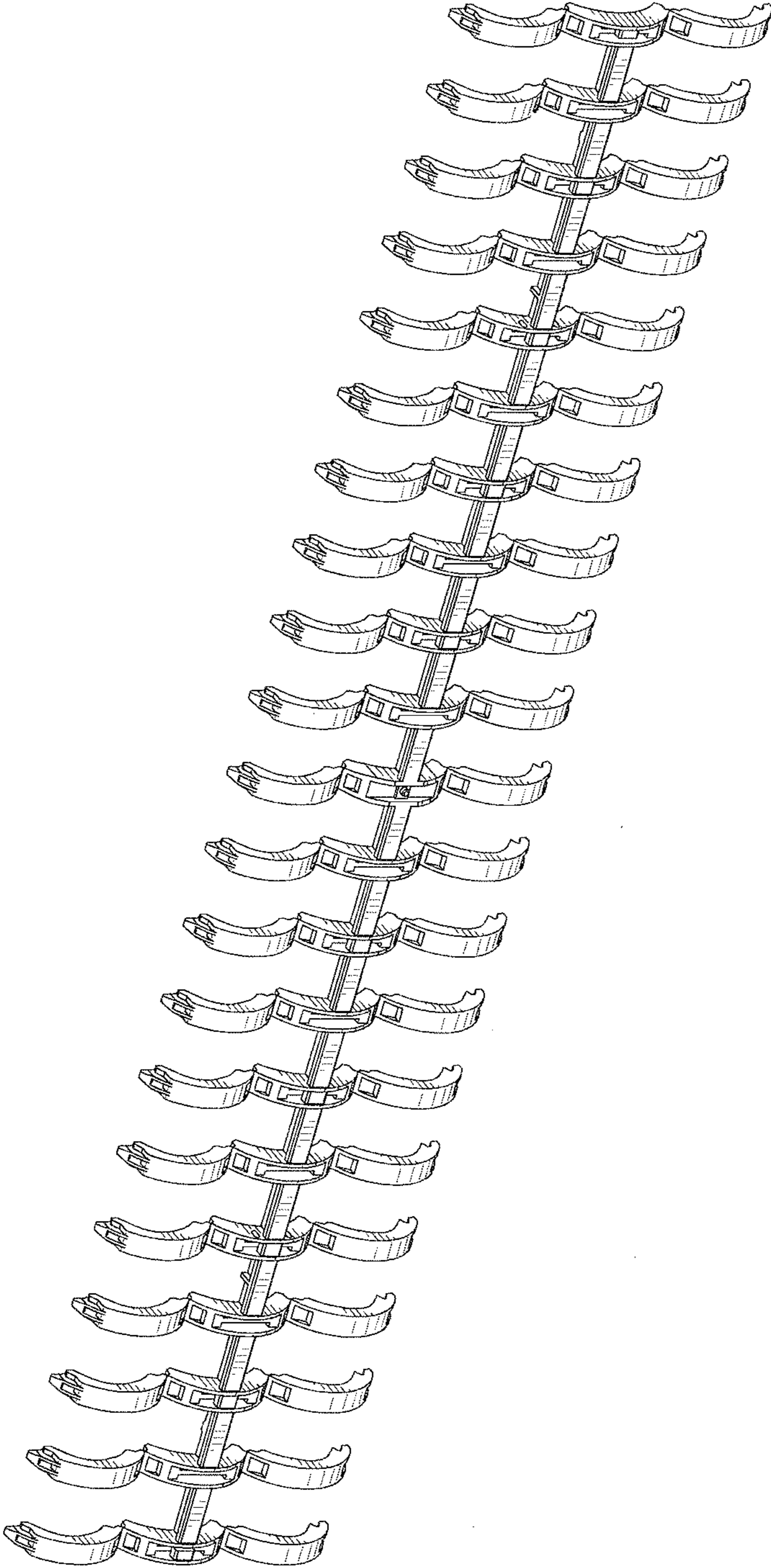


FIG. 2

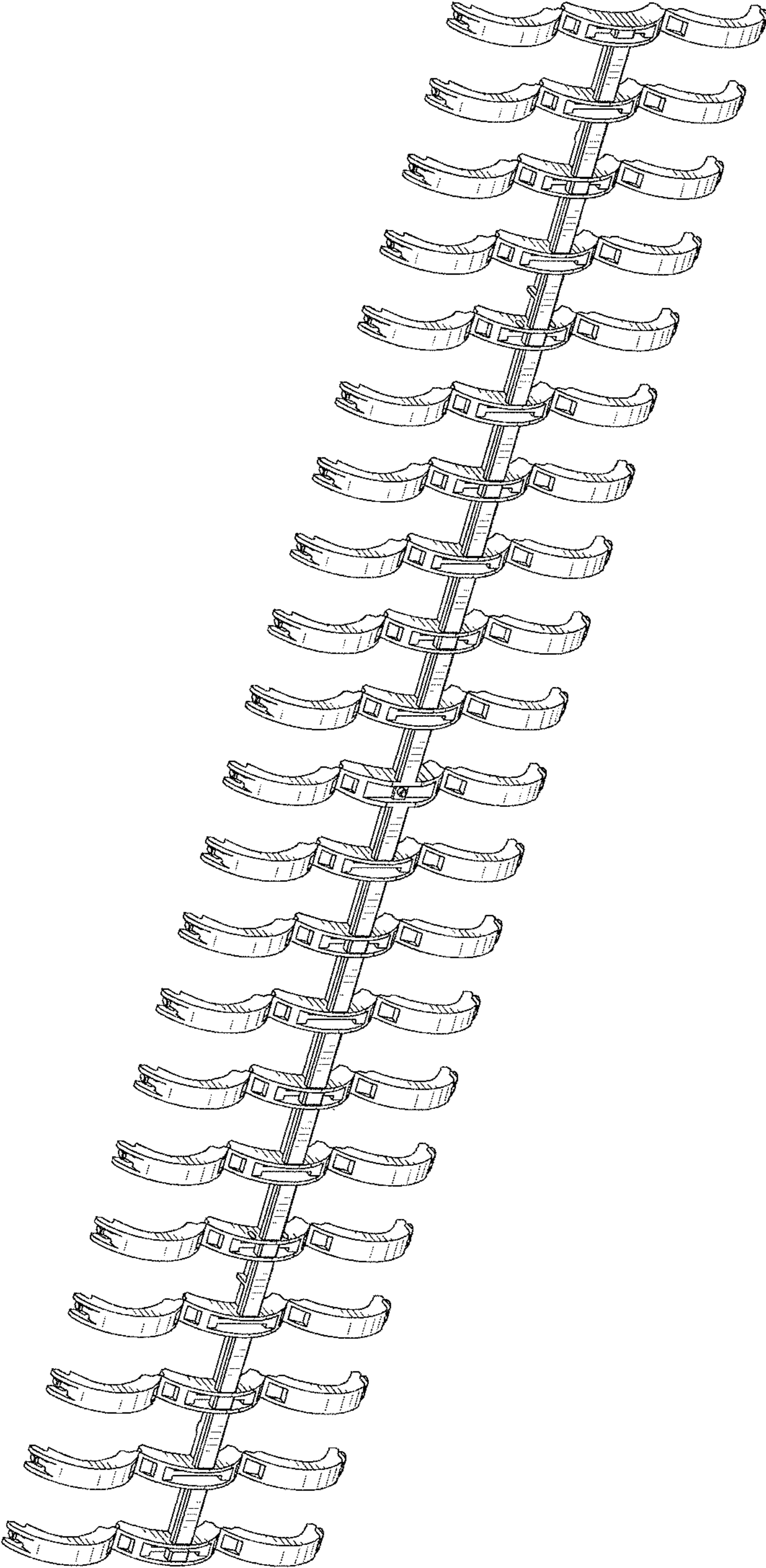


FIG. 3

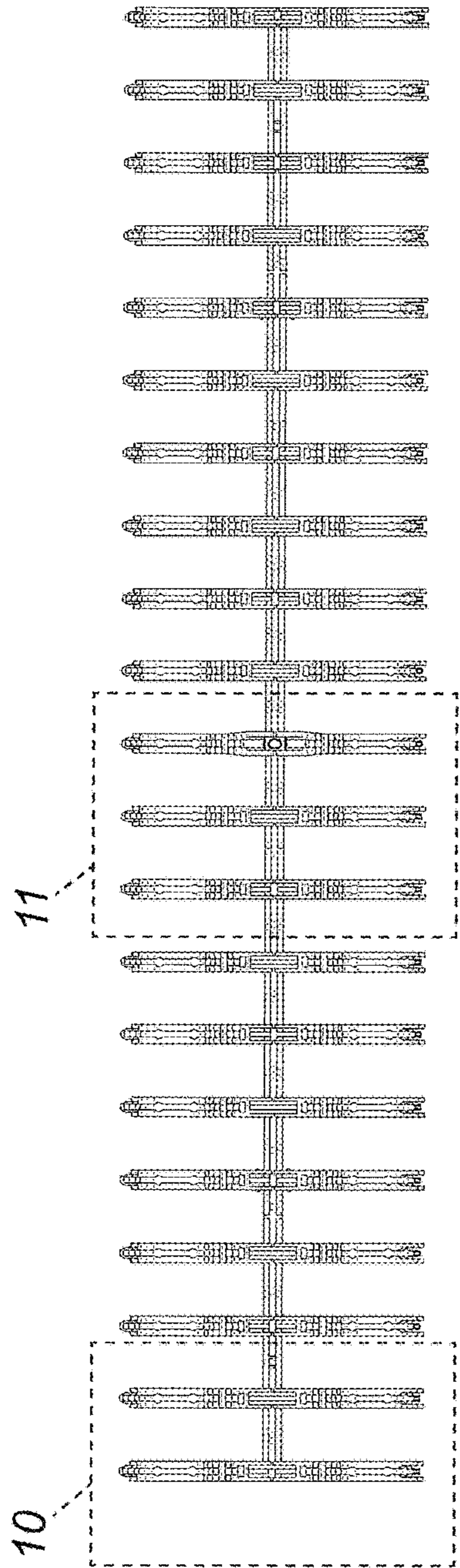


FIG. 4

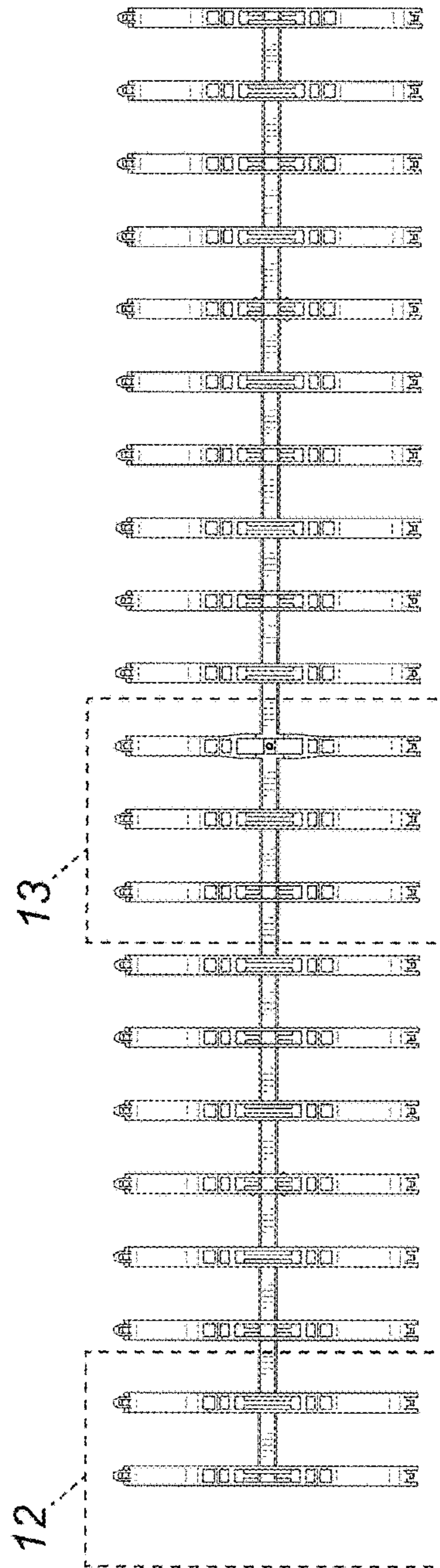


FIG. 5



FIG. 6



FIG. 7



FIG. 8



FIG. 9

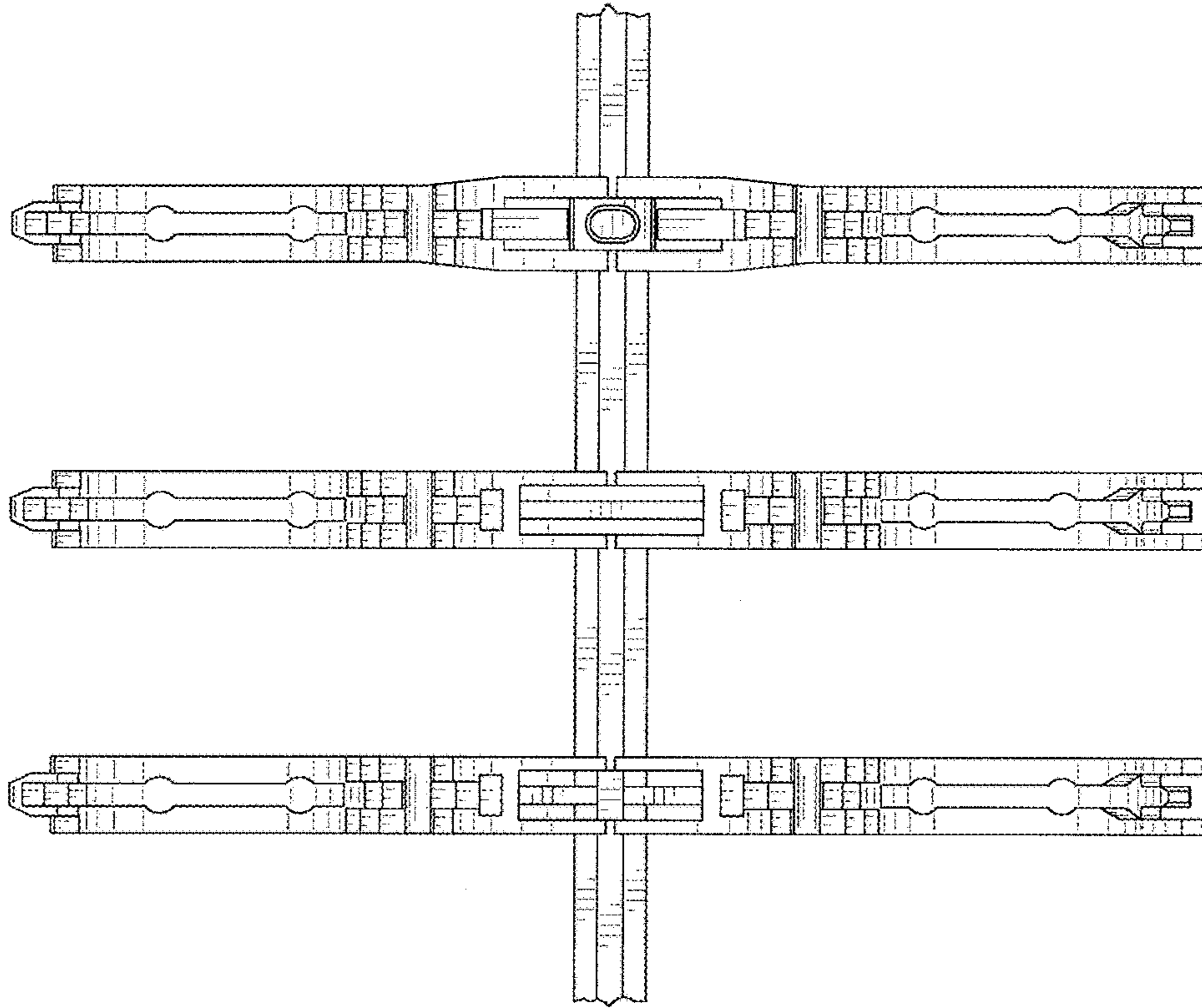


FIG. 11

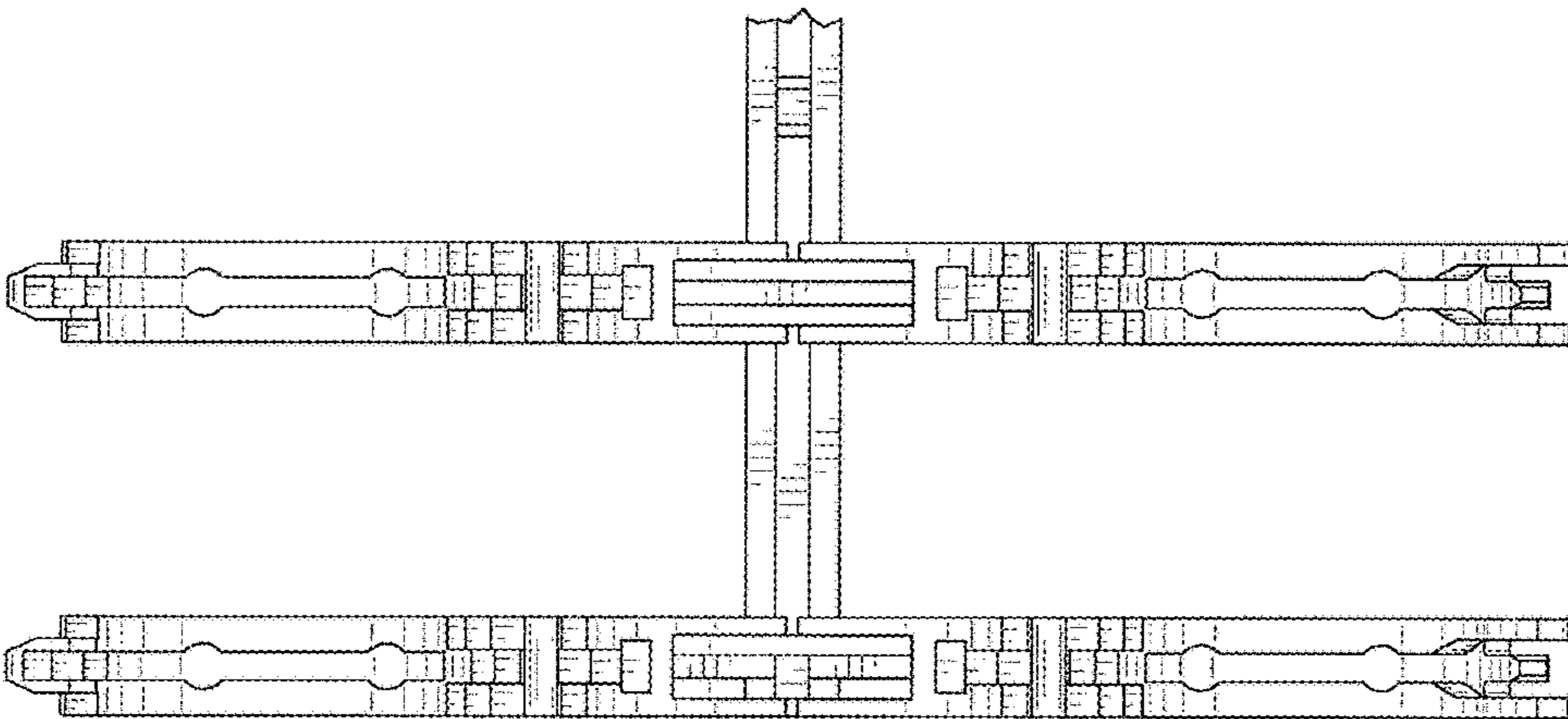


FIG. 10

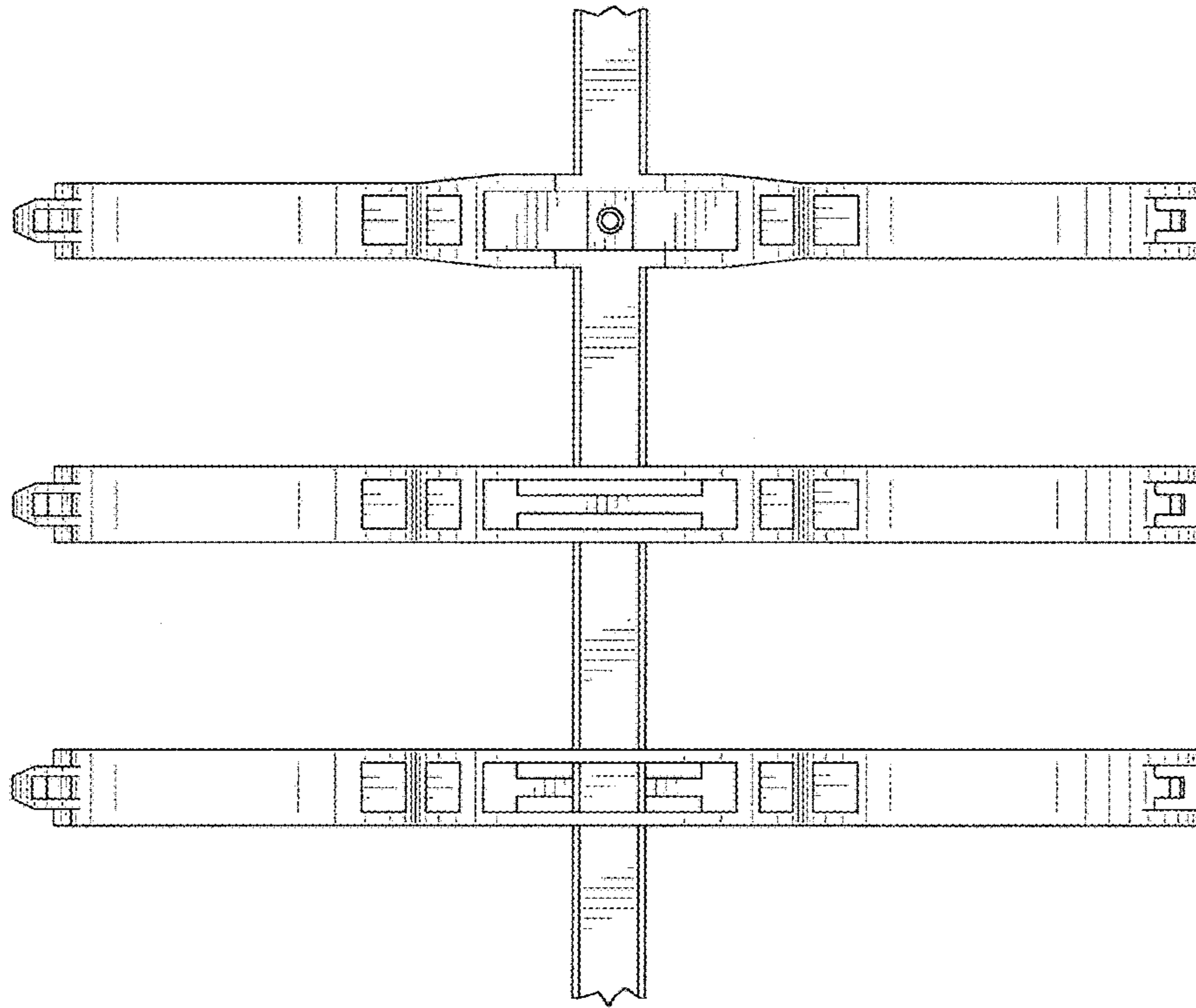


FIG. 13

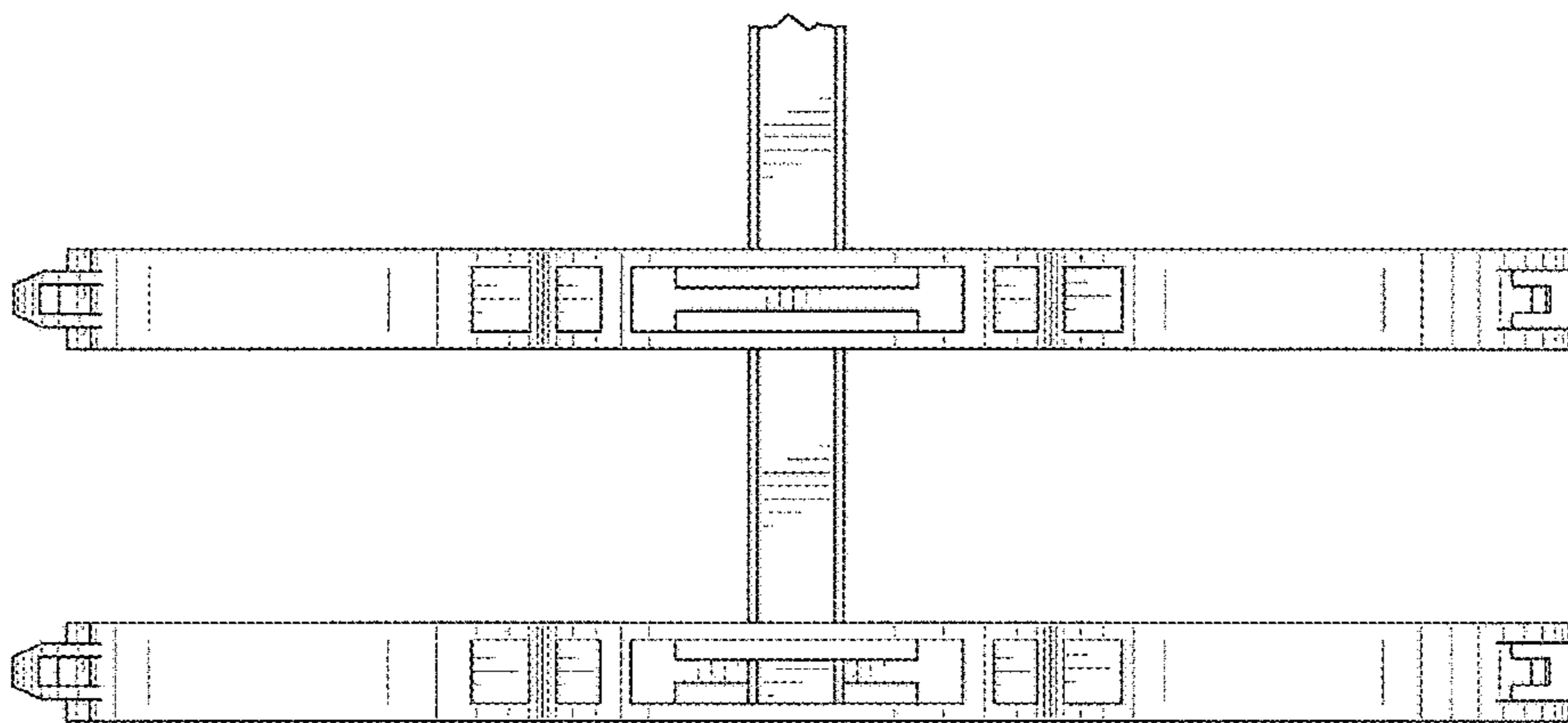


FIG. 12

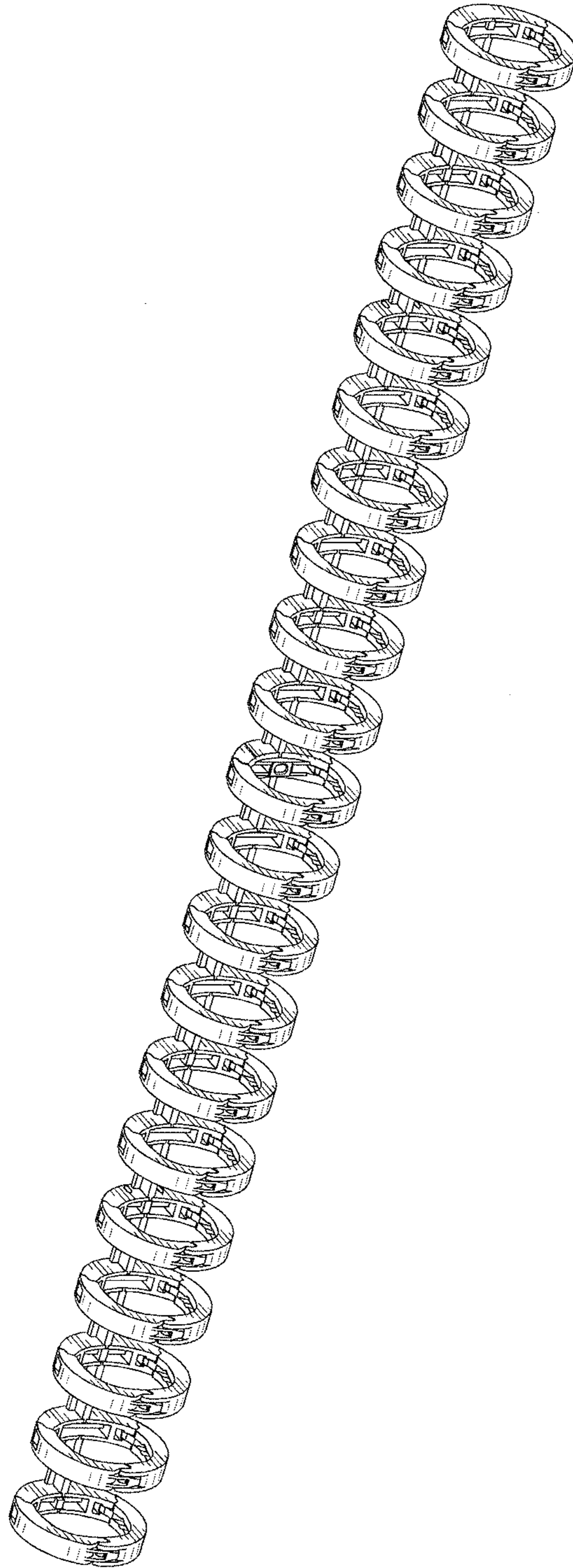


FIG. 14

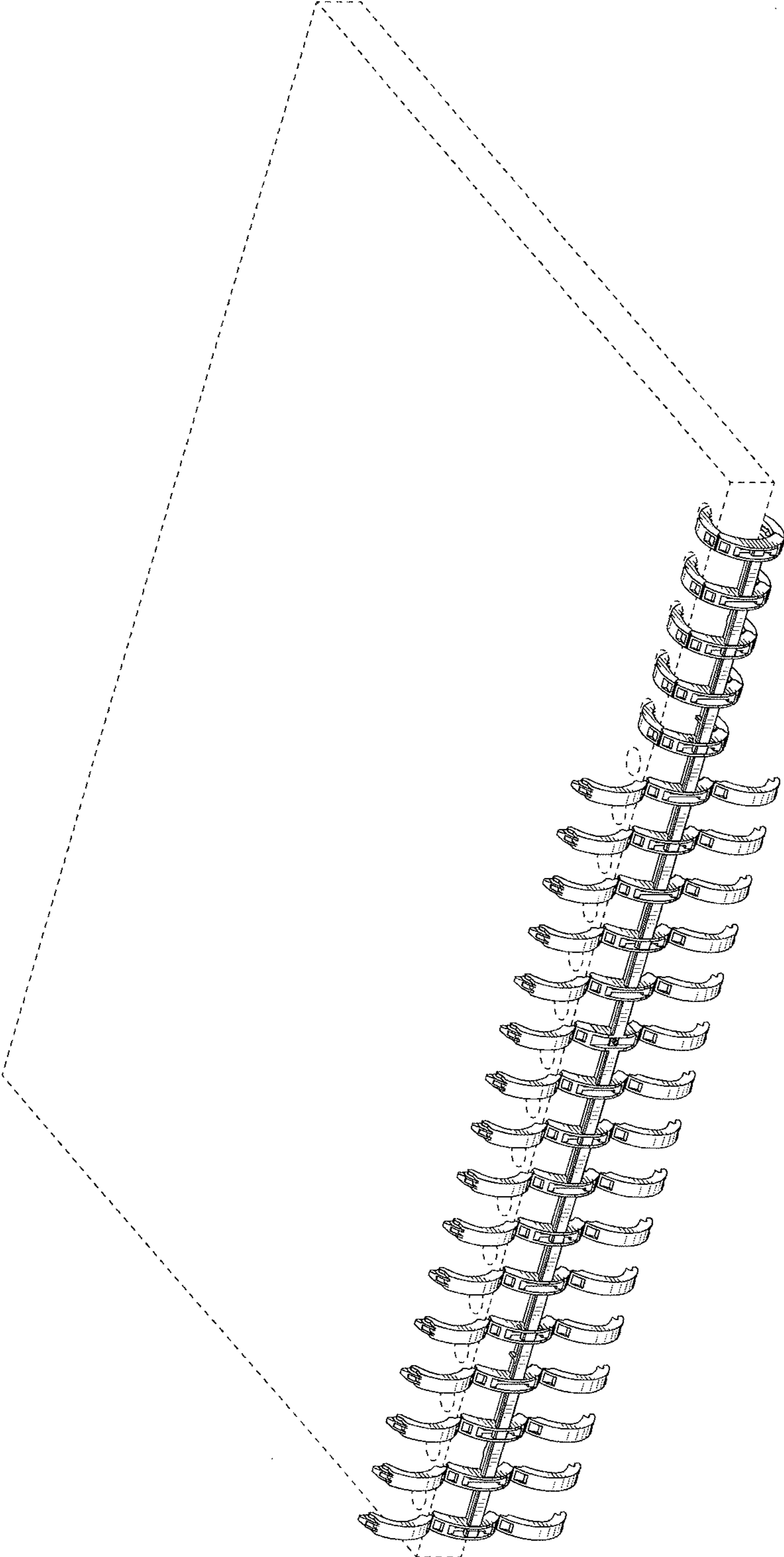


FIG. 15

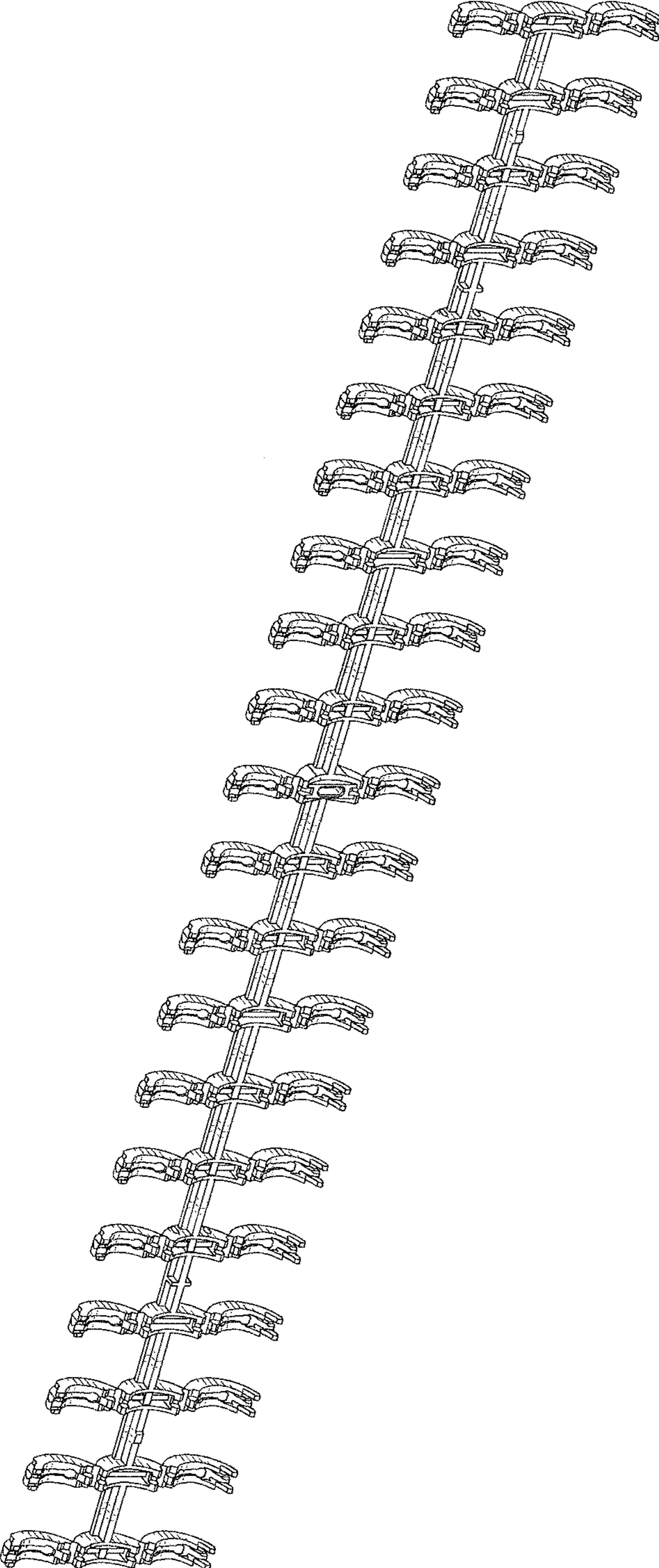


FIG. 16

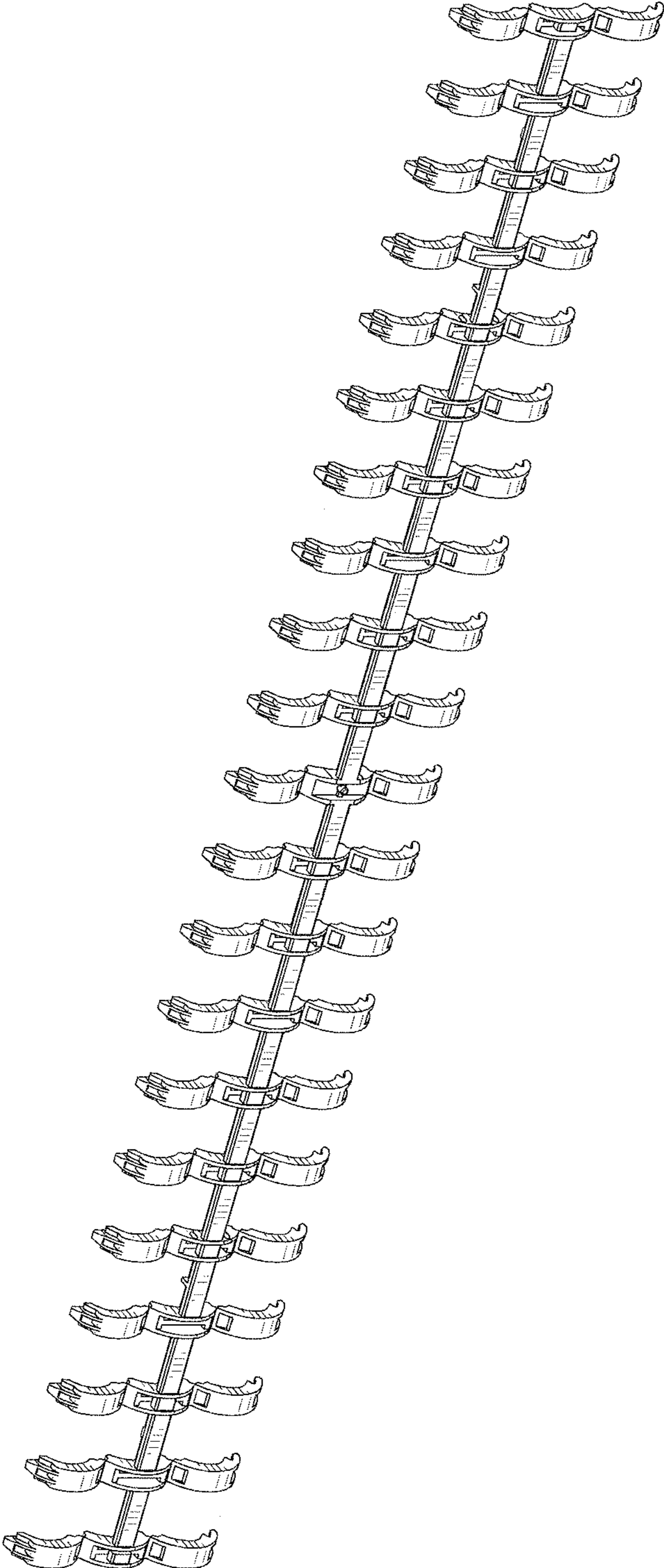


FIG. 17

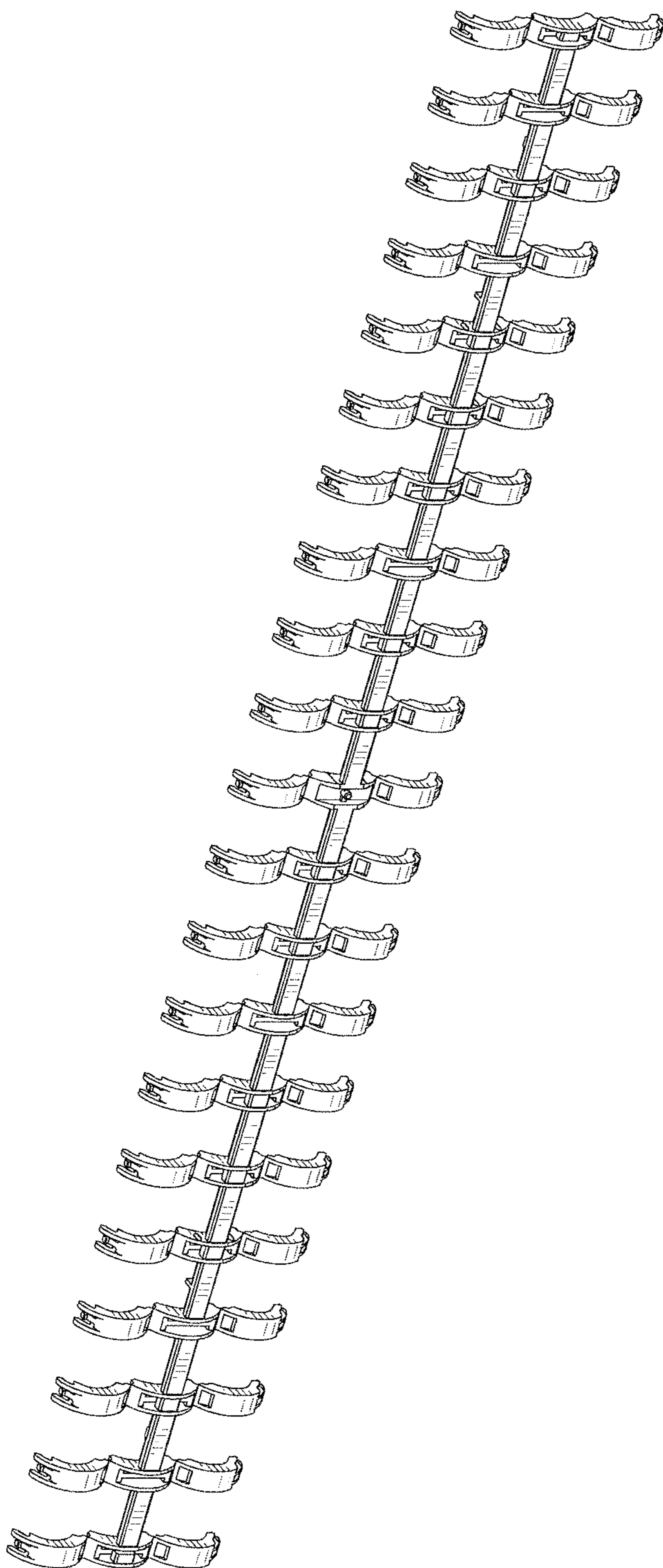


FIG. 18

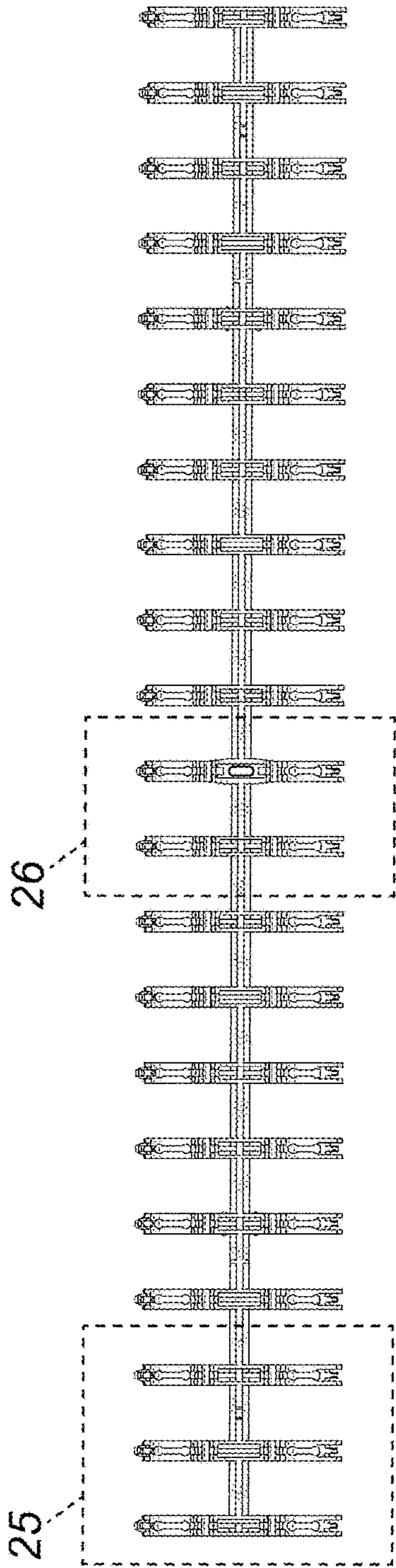


FIG. 19

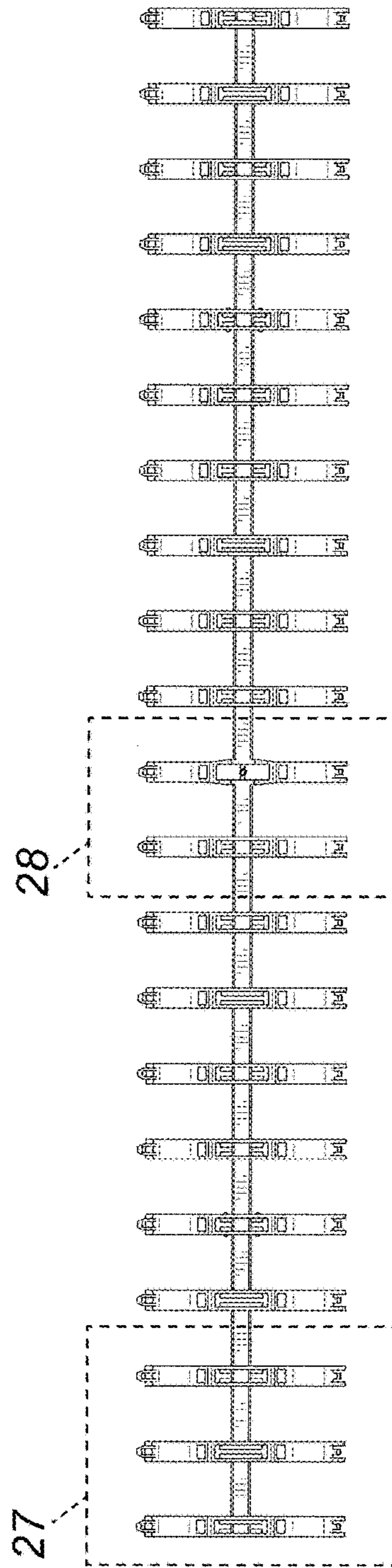


FIG. 20



FIG. 21



FIG. 22



FIG. 23



FIG. 24

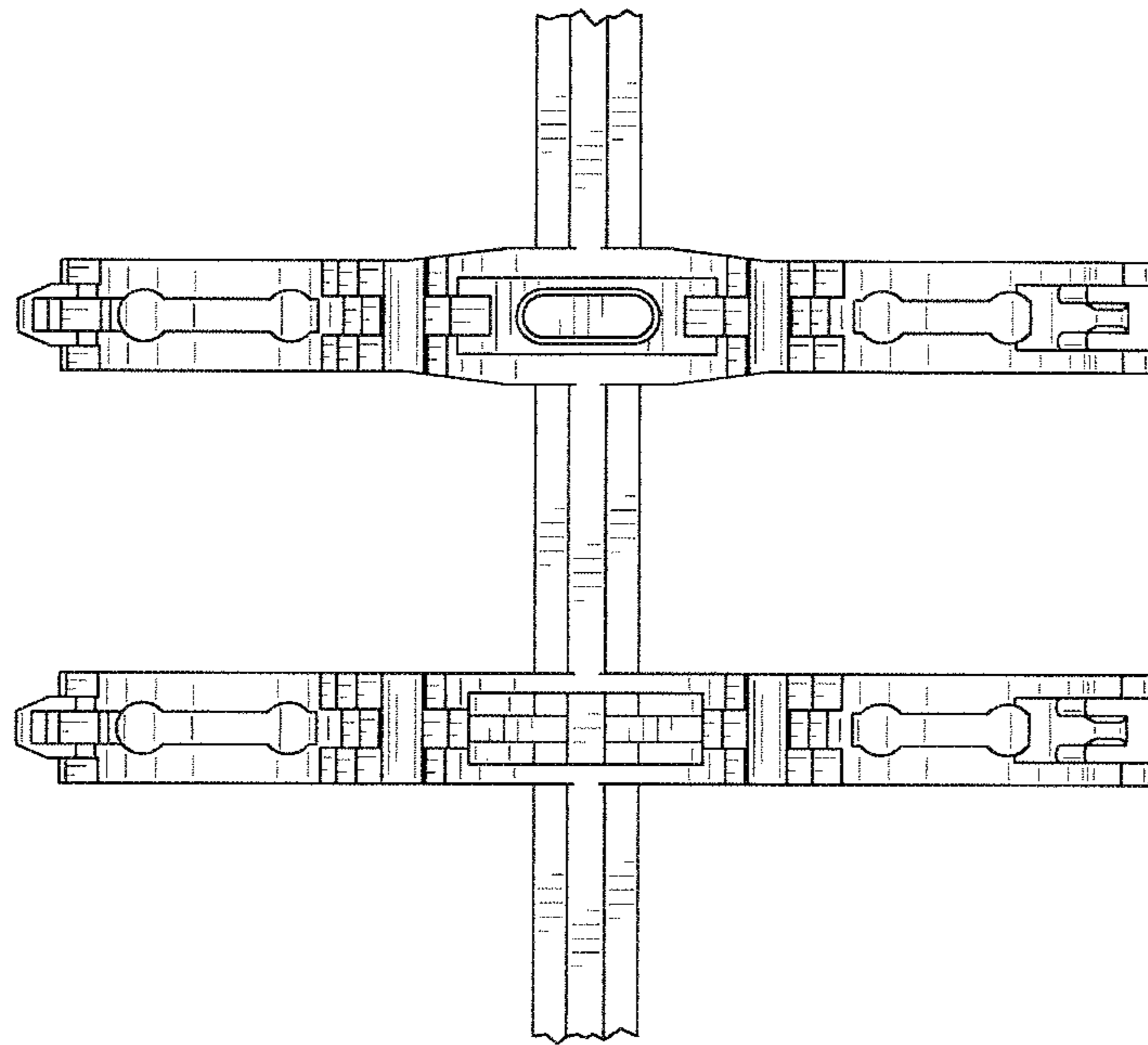


FIG. 26

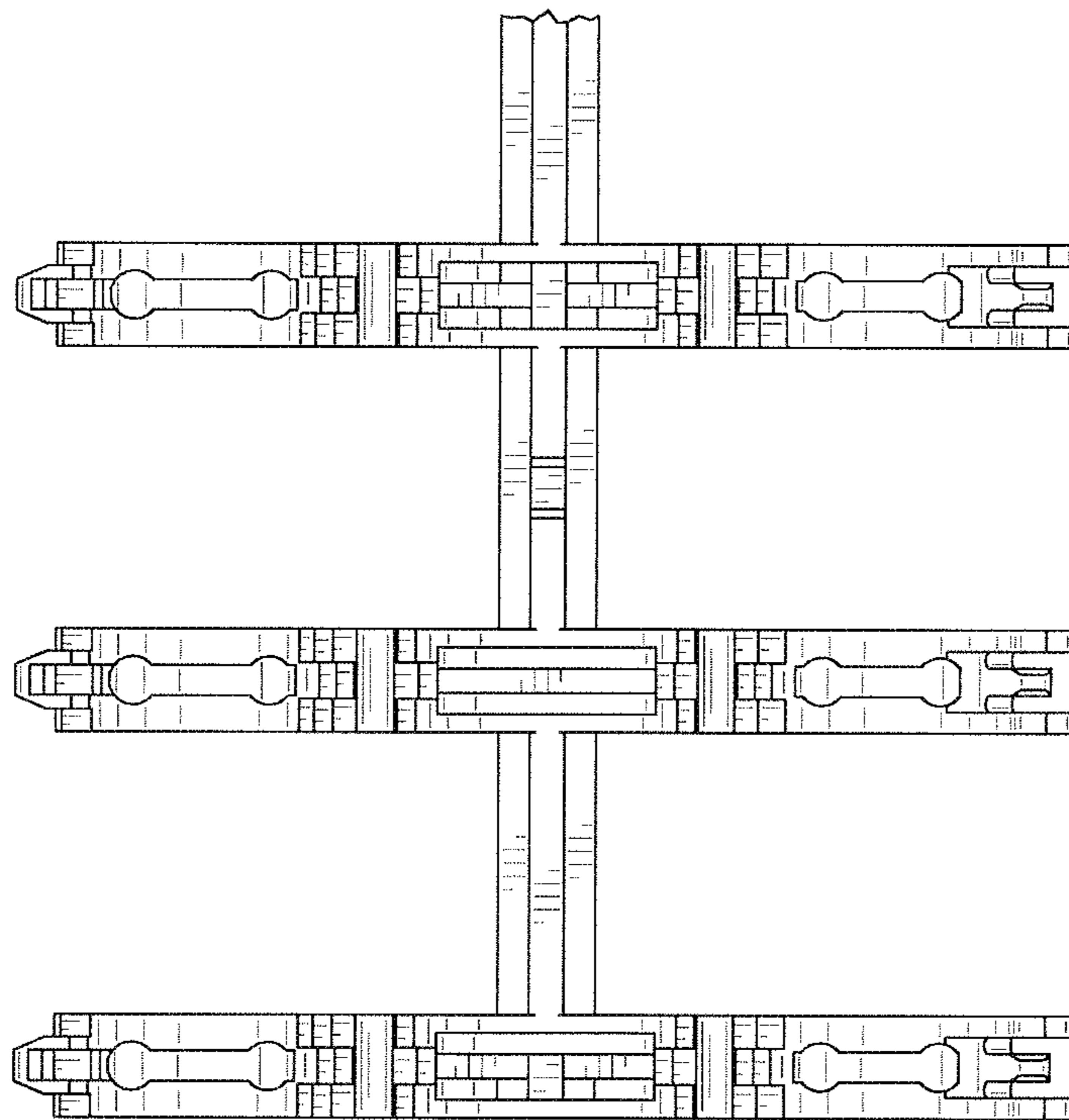


FIG. 25

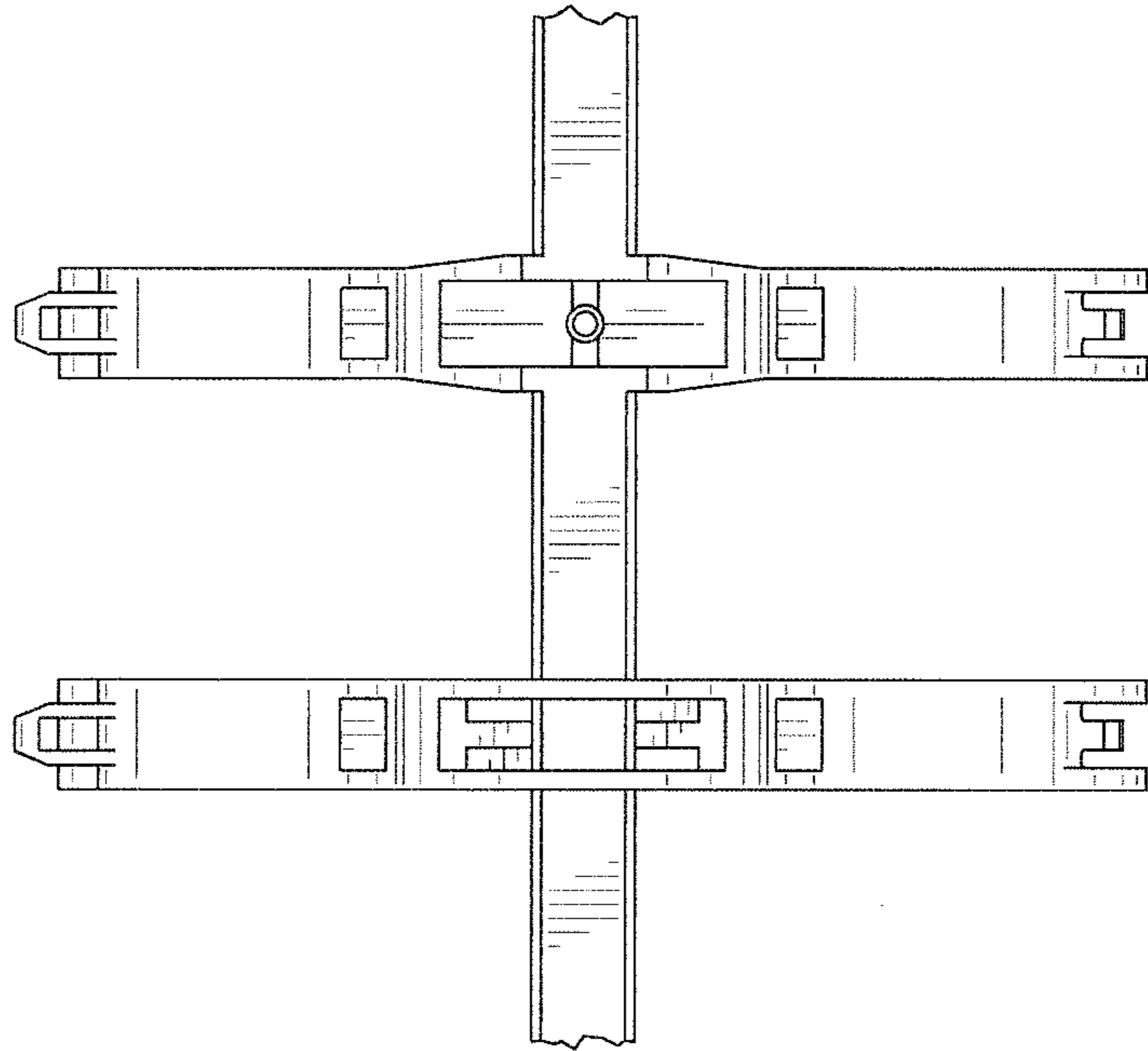


FIG. 27

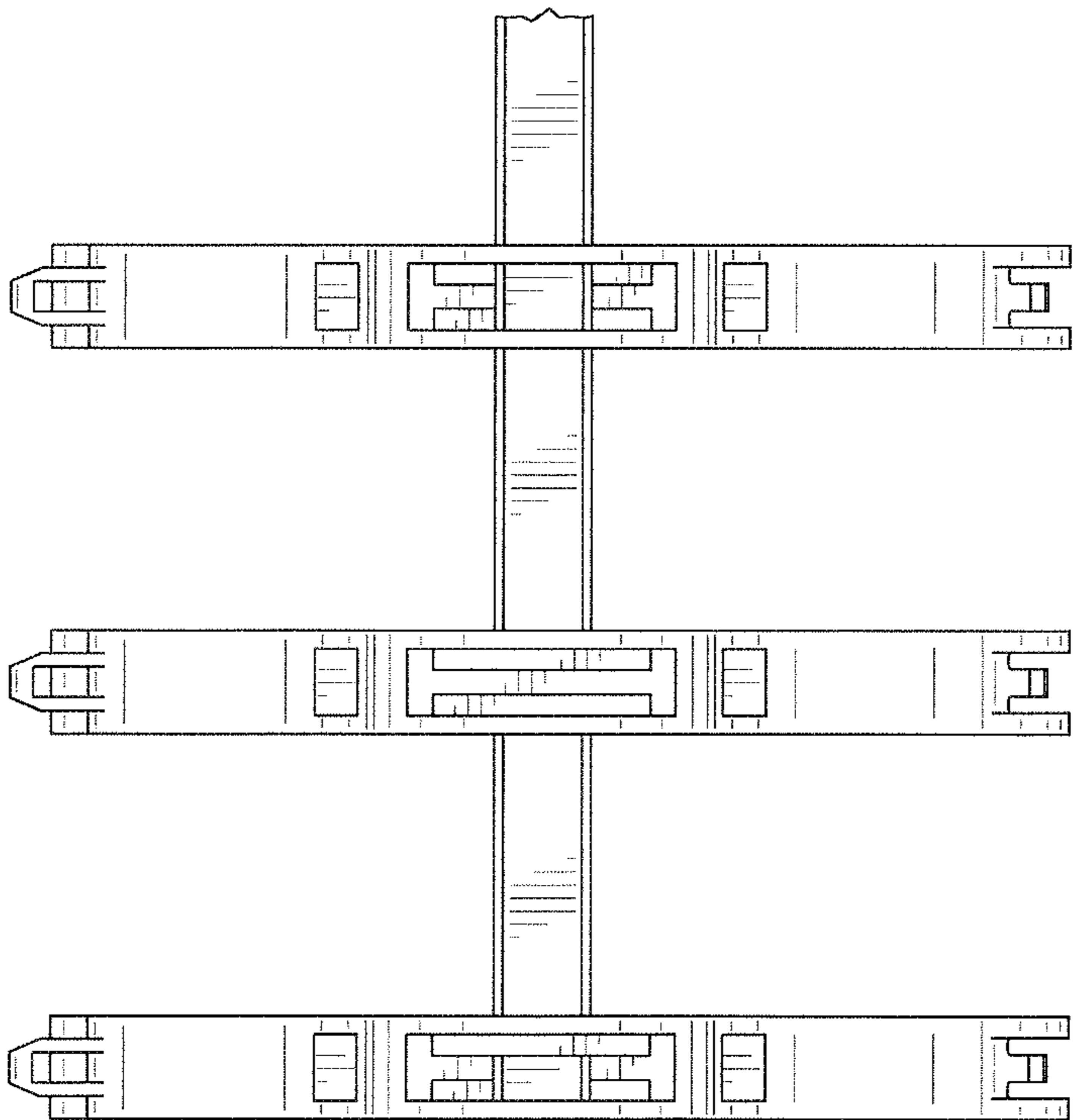


FIG. 28

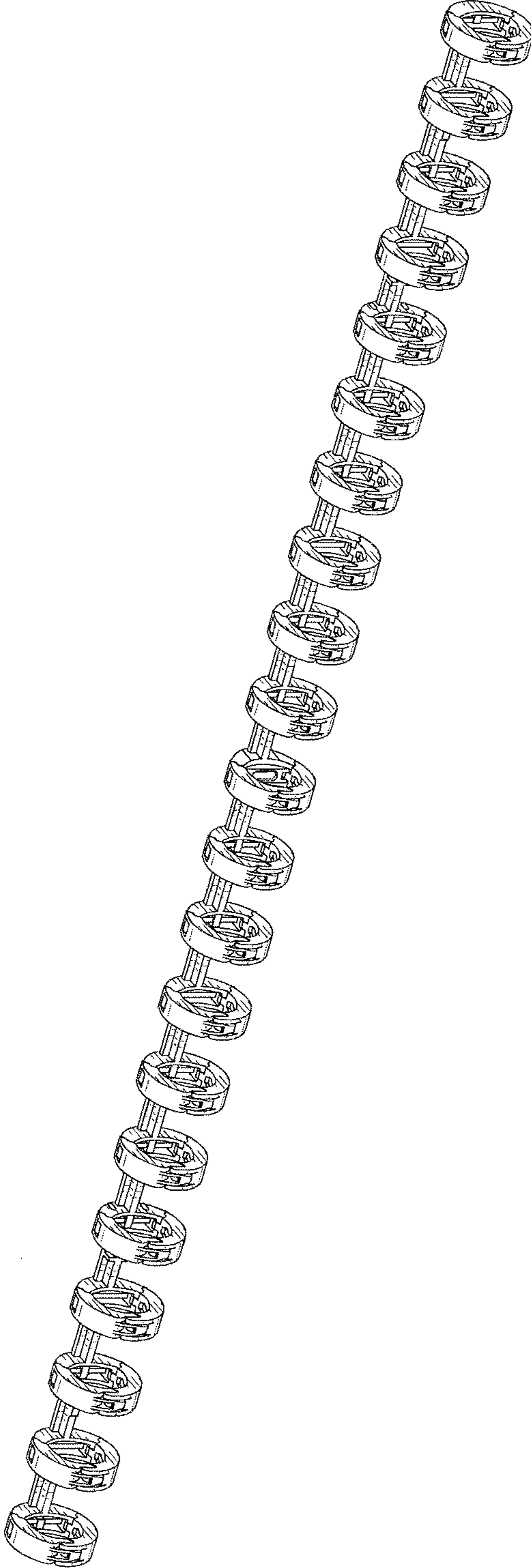


FIG. 29

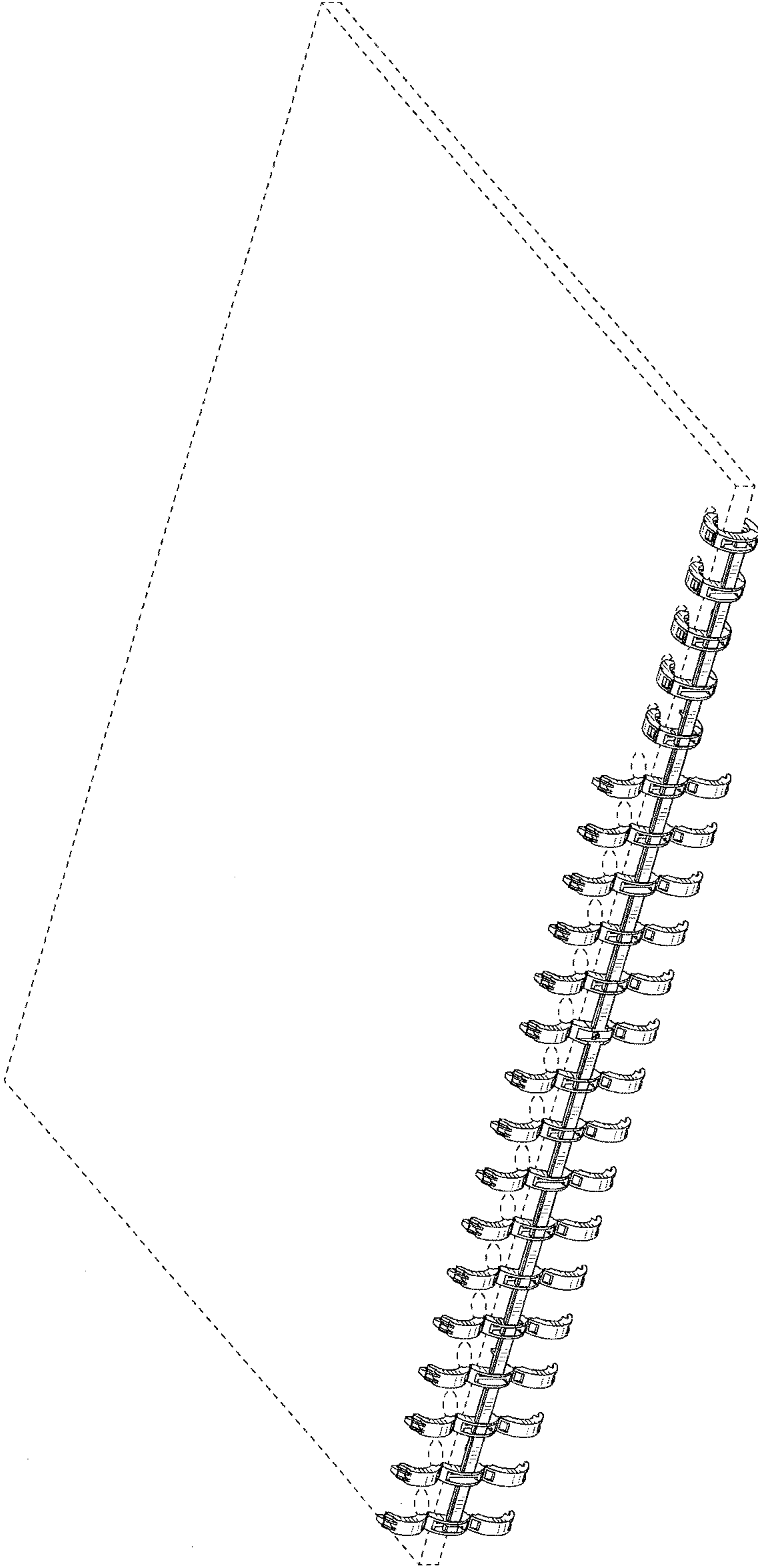


FIG. 30