



US00D962315S

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

(10) **Patent No.:** **US D962,315 S**

(45) **Date of Patent:** **** Aug. 30, 2022**

(54) **ELECTRIC ACTUATOR**

(71) Applicant: **SMC CORPORATION**, Tokyo (JP)

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(73) Assignee: **SMC CORPORATION**, Tokyo (JP)

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

(21) Appl. No.: **29/737,952**

(22) Filed: **Jun. 12, 2020**

(30) **Foreign Application Priority Data**

Dec. 20, 2019 (CN) 201930715026.8

(51) **LOC (13) Cl.** **15-09**

(52) **U.S. Cl.**
USPC **D15/143**

(58) **Field of Classification Search**
USPC D13/158, 160, 162, 164, 171, 174, 184,
D13/101, 123; D15/143, 148, 149
(Continued)

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Primary Examiner — Michael C Stout

Assistant Examiner — Fitzgerald L Butac

(74) *Attorney, Agent, or Firm* — Birch, Stewart, Kolasch & Birch, LLP

(57) **CLAIM**

The ornamental design for an electric actuator, as shown and described.

DESCRIPTION

FIG. 1 is a front, top and left side perspective view of an electric actuator showing a first embodiment of our new design;

FIG. 2 is a rear, bottom and right side perspective view thereof;

FIG. 3 is a front view thereof;

FIG. 4 is a rear view thereof;

FIG. 5 is a top plan view thereof;

FIG. 6 is a bottom plan view thereof;

FIG. 7 is a left side view thereof;

FIG. 8 is a right side view thereof;

FIG. 9 is a front, top and left side perspective view of an electric actuator showing a second embodiment of our new design;

FIG. 10 is a rear, bottom and right side perspective view of FIG. 9;

FIG. 11 is a front view of FIG. 9;

FIG. 12 is a rear view of FIG. 9;

FIG. 13 is a top plan view of FIG. 9;

FIG. 14 is a bottom plan view of FIG. 9;

FIG. 15 is a left side view of FIG. 9;

FIG. 16 is a right side view of FIG. 9;

FIG. 17 is a front, top and left side perspective view of an electric actuator showing a third embodiment of our new design;

FIG. 18 is a rear, bottom and right side perspective view of FIG. 17;

FIG. 19 is a front view of FIG. 17;

FIG. 20 is a rear view of FIG. 17;

FIG. 21 is a top plan view of FIG. 17;

FIG. 22 is a bottom plan view of FIG. 17;

FIG. 23 is a left side view of FIG. 17;

FIG. 24 is a right side view of FIG. 17;

FIG. 25 is a front, top and left side perspective view of an electric actuator showing a fourth embodiment of our new design;

FIG. 26 is a rear, bottom and right side perspective view of FIG. 25;

FIG. 27 is a front view of FIG. 25;

FIG. 28 is a rear view of FIG. 25;

FIG. 29 is a top plan view of FIG. 25;

FIG. 30 is a bottom plan view of FIG. 25;

FIG. 31 is a left side view of FIG. 25;

FIG. 32 is a right side view of FIG. 25;

(Continued)

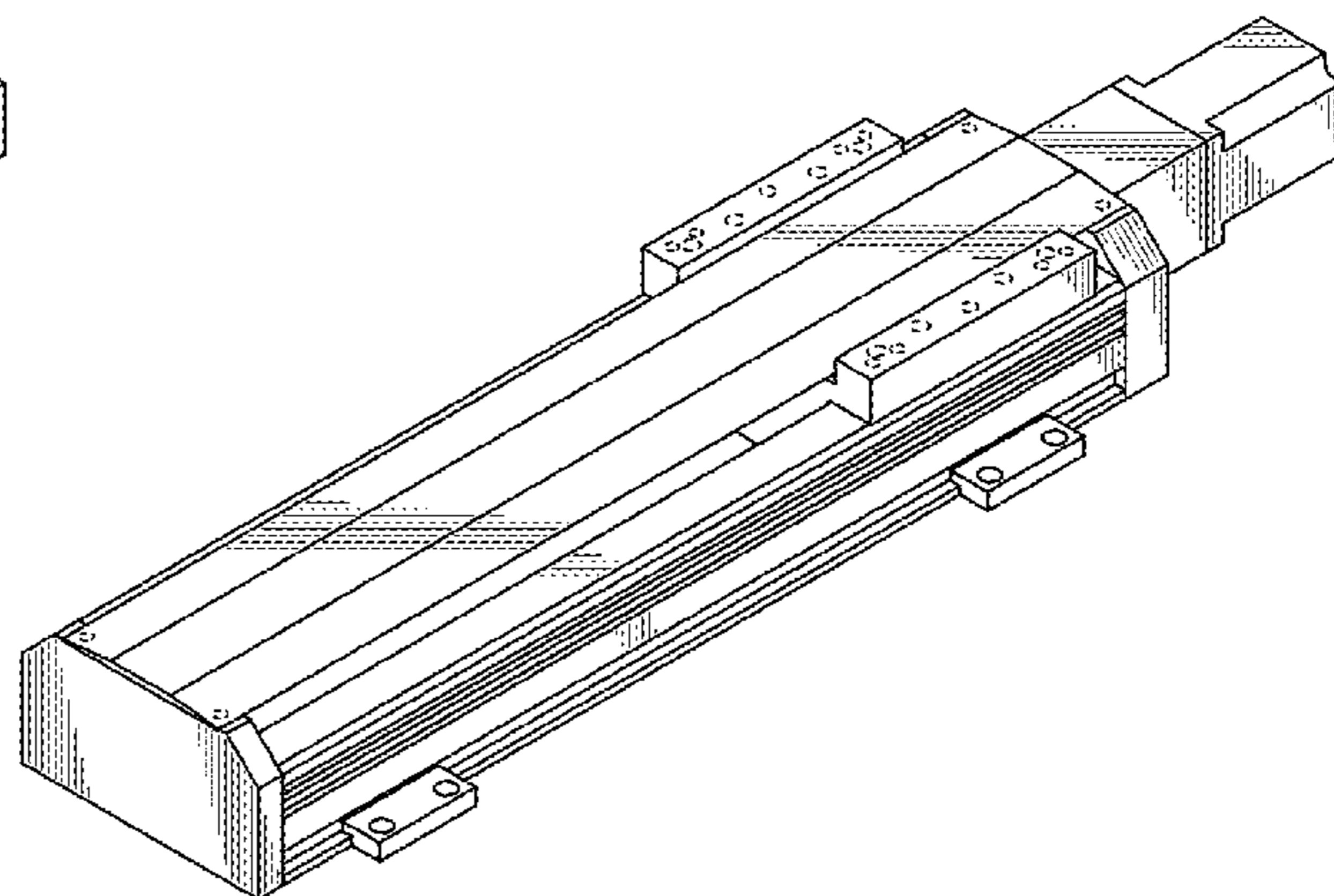
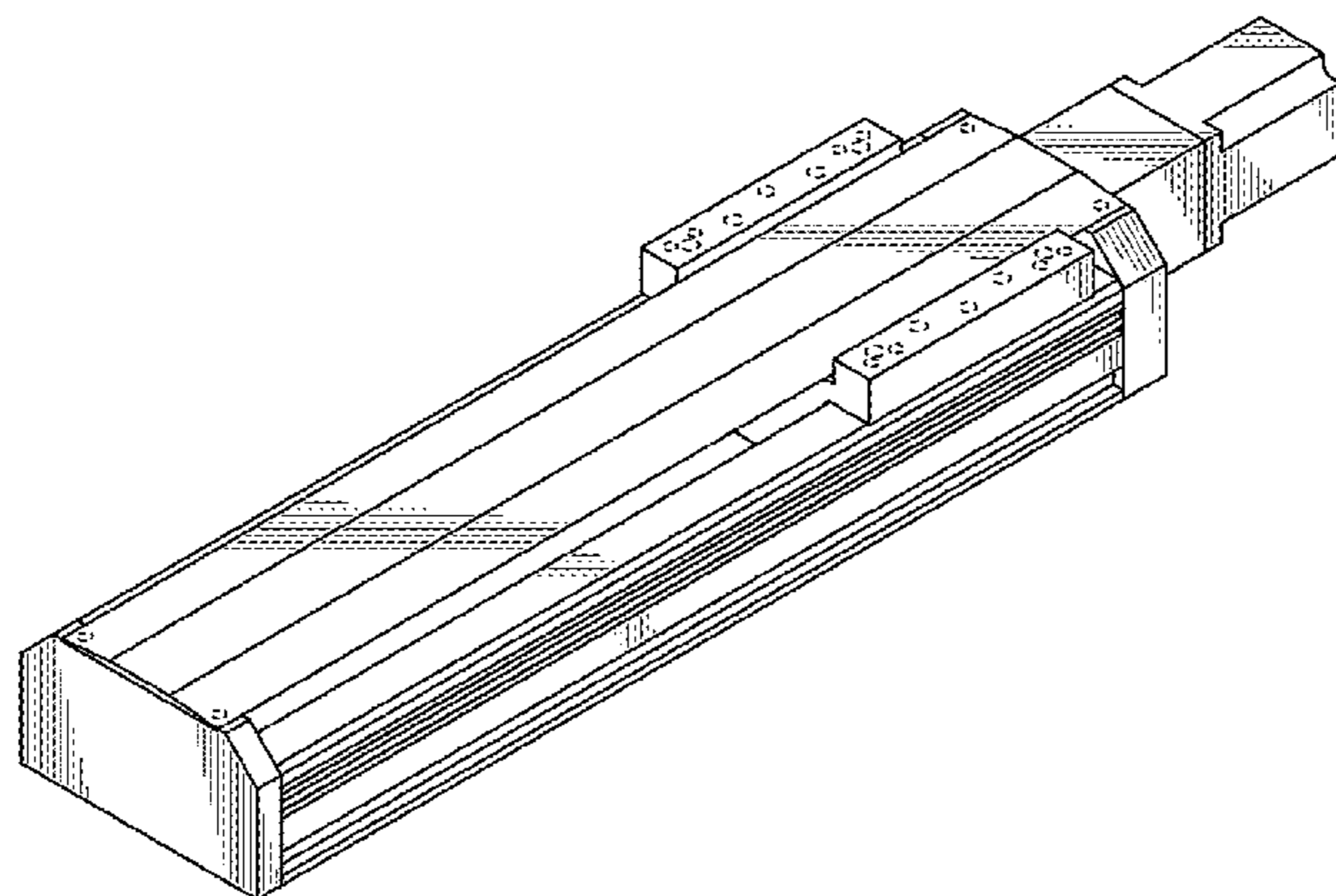


FIG. 33 is a front, top and left side perspective view of an electric actuator showing a fifth embodiment of our new design;
 FIG. 34 is a rear, bottom and right side perspective view of FIG. 33;
 FIG. 35 is a front view of FIG. 33;
 FIG. 36 is a rear view of FIG. 33;
 FIG. 37 is a top plan view of FIG. 33;
 FIG. 38 is a bottom plan view of FIG. 33;
 FIG. 39 is a left side view of FIG. 33;
 FIG. 40 is a right side view of FIG. 33;
 FIG. 41 is a front, top and left side perspective view of an electric actuator showing a sixth embodiment of our new design;
 FIG. 42 is a rear, bottom and right side perspective view of FIG. 41;
 FIG. 43 is a front view of FIG. 41;
 FIG. 44 is a rear view of FIG. 41;
 FIG. 45 is a top plan view of FIG. 41;
 FIG. 46 is a bottom plan view of FIG. 41;
 FIG. 47 is a left side view of FIG. 41; and,
 FIG. 48 is a right side view of FIG. 41.
 The broken lines depict portions of the electric actuator that form no part of the claimed design.

1 Claim, 48 Drawing Sheets

(58) **Field of Classification Search**

CPC H02K 33/02; H02K 33/12
 See application file for complete search history.

(56)

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* cited by examiner

FIG. 1

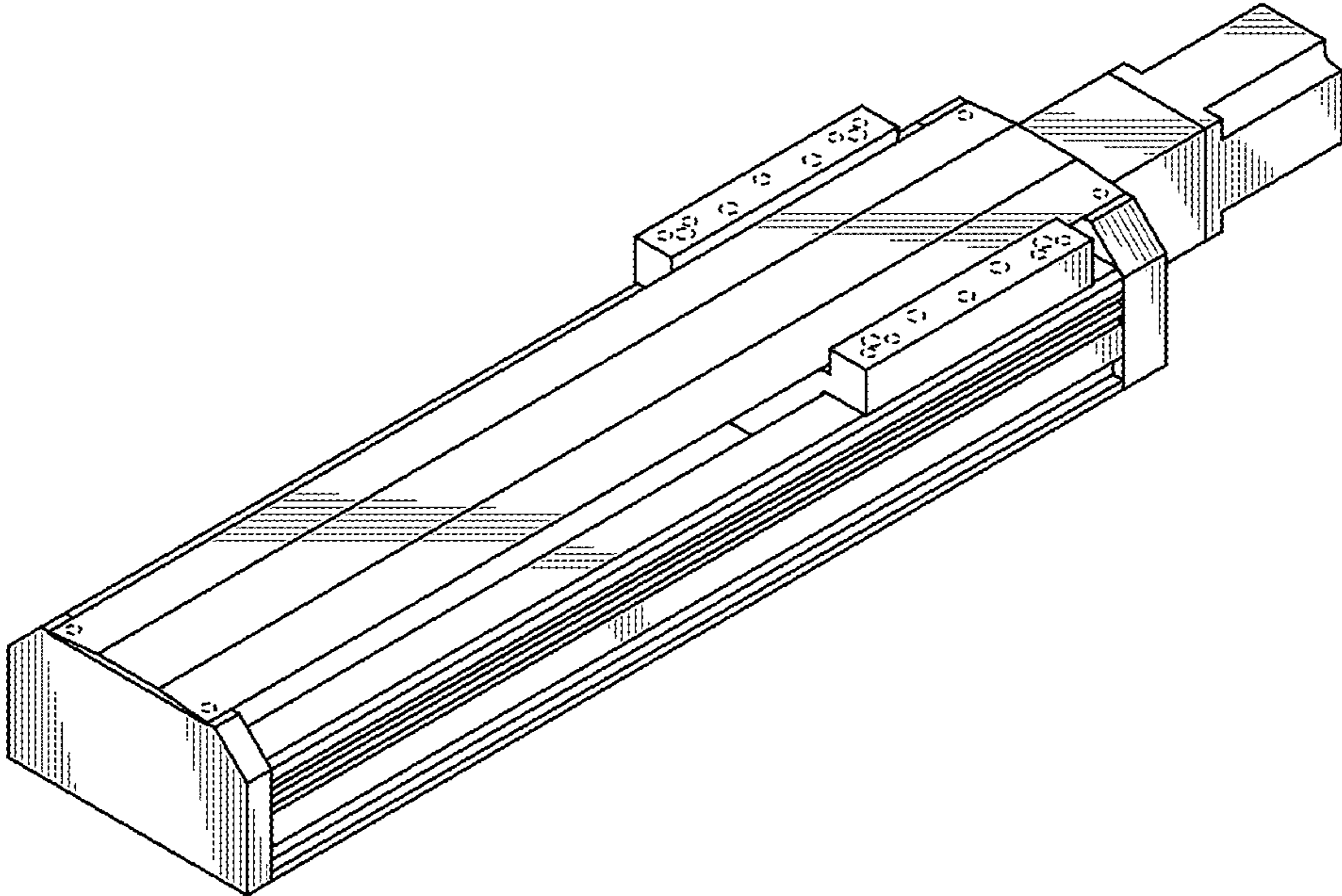


FIG. 2

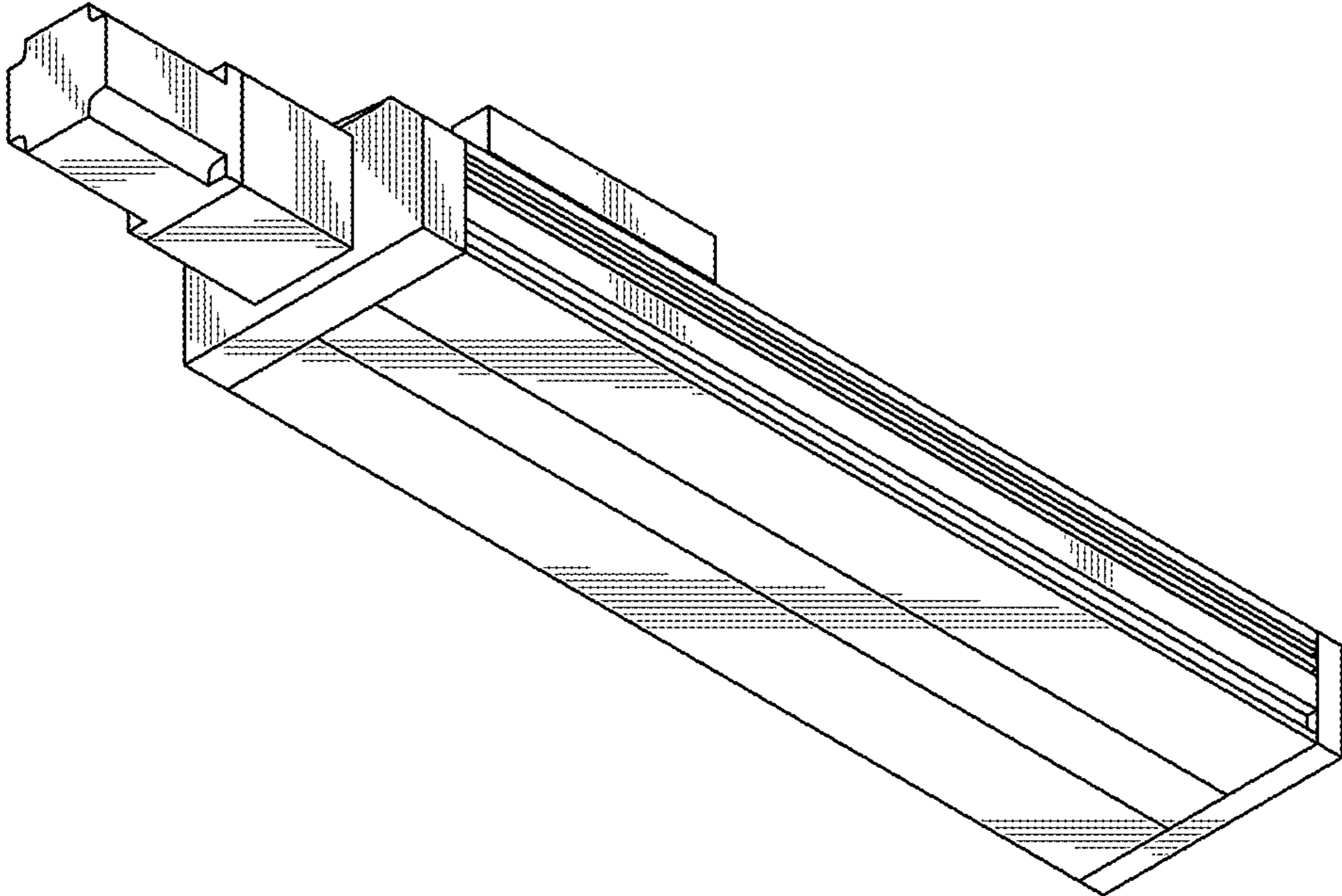


FIG. 3

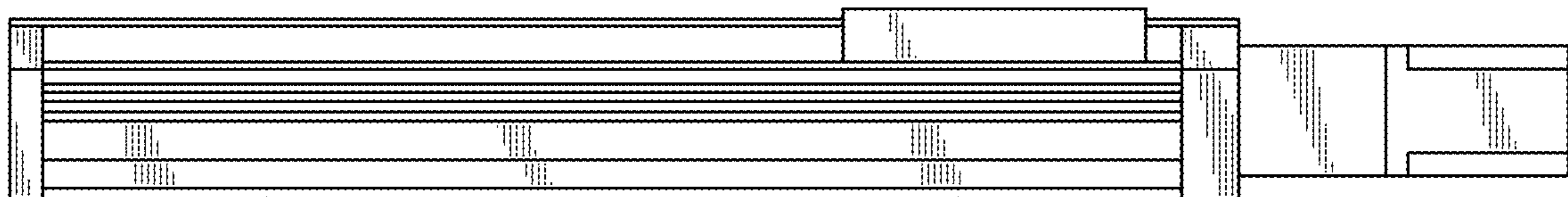


FIG. 4

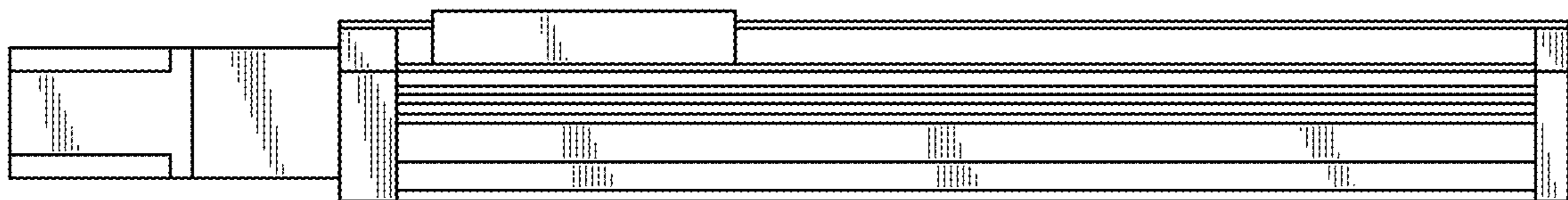


FIG. 5

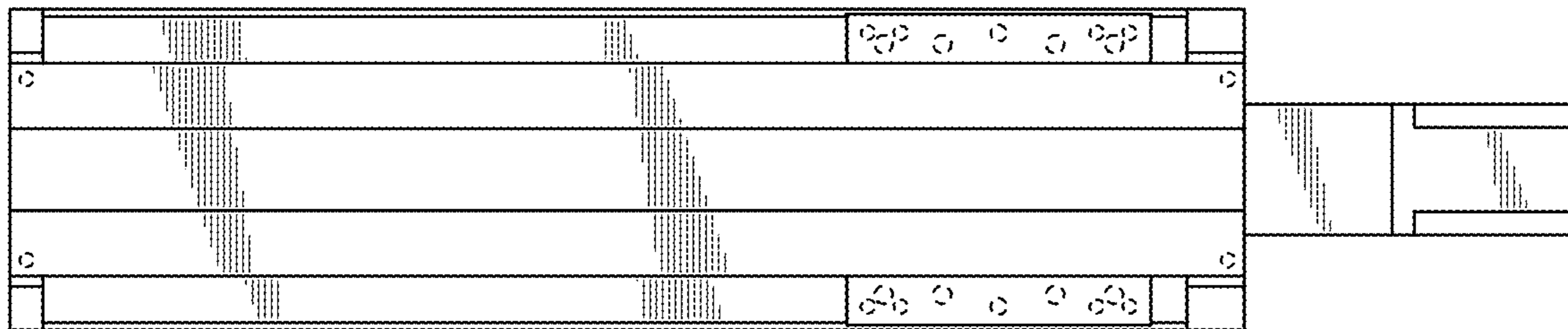


FIG. 6

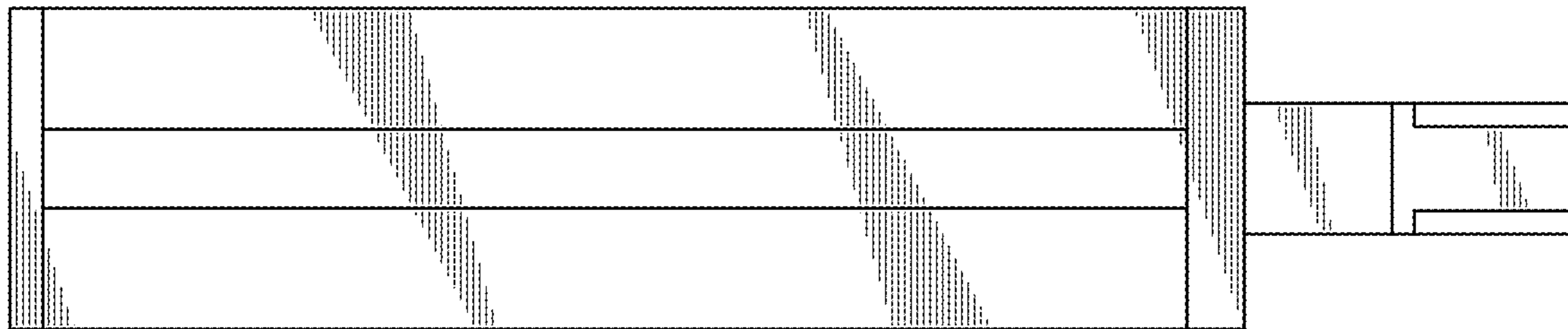


FIG. 7

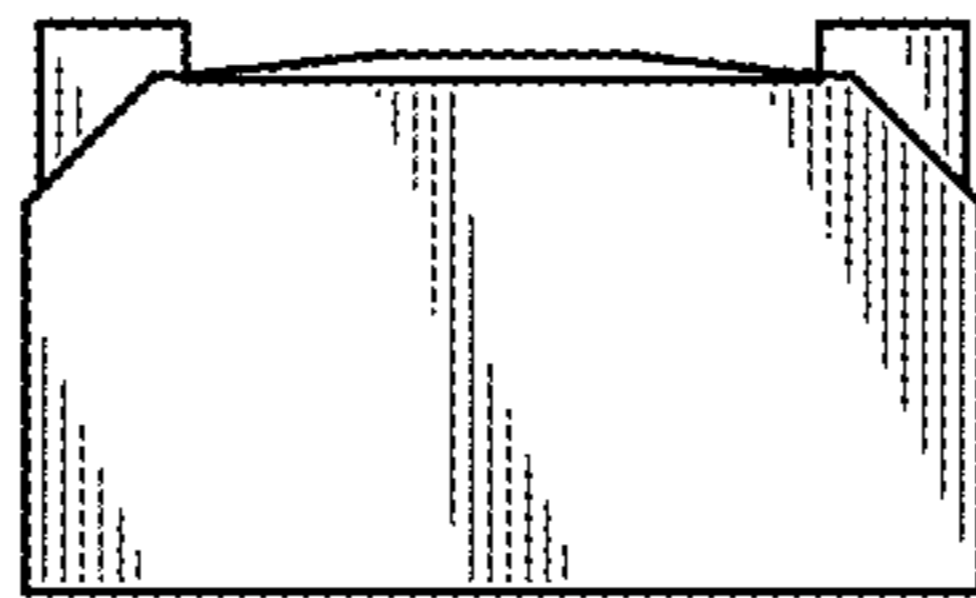


FIG. 8

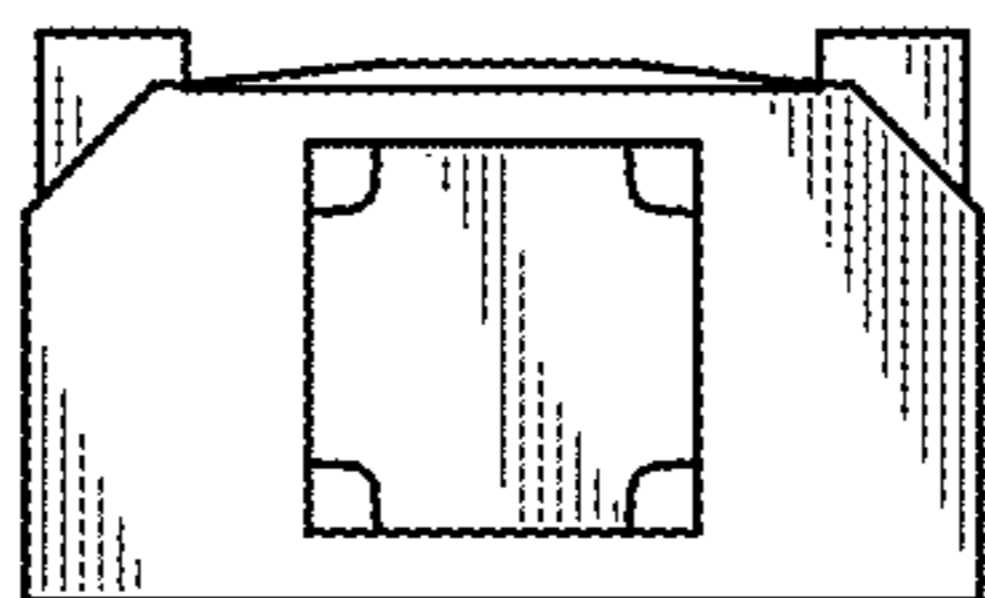


FIG. 9

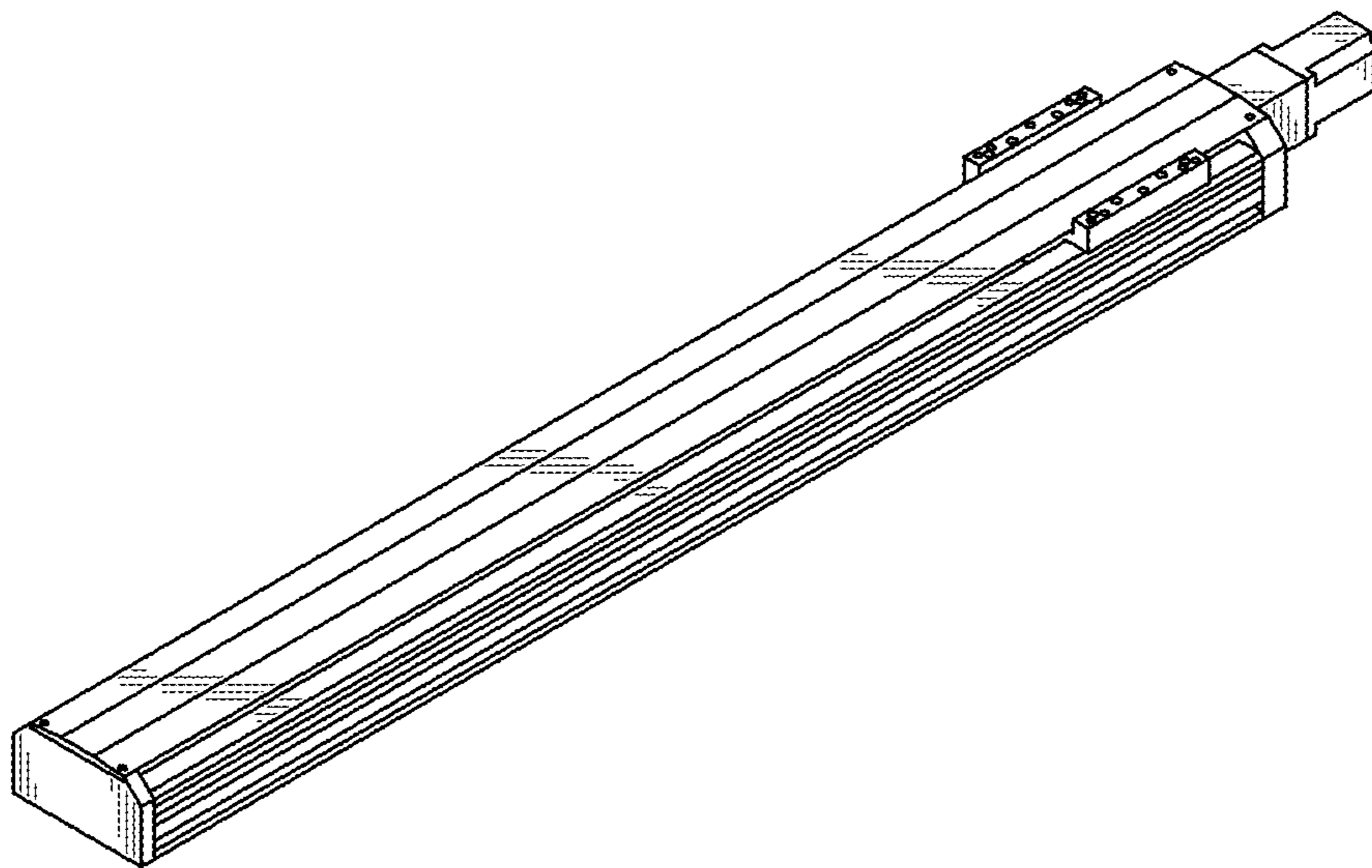


FIG. 10

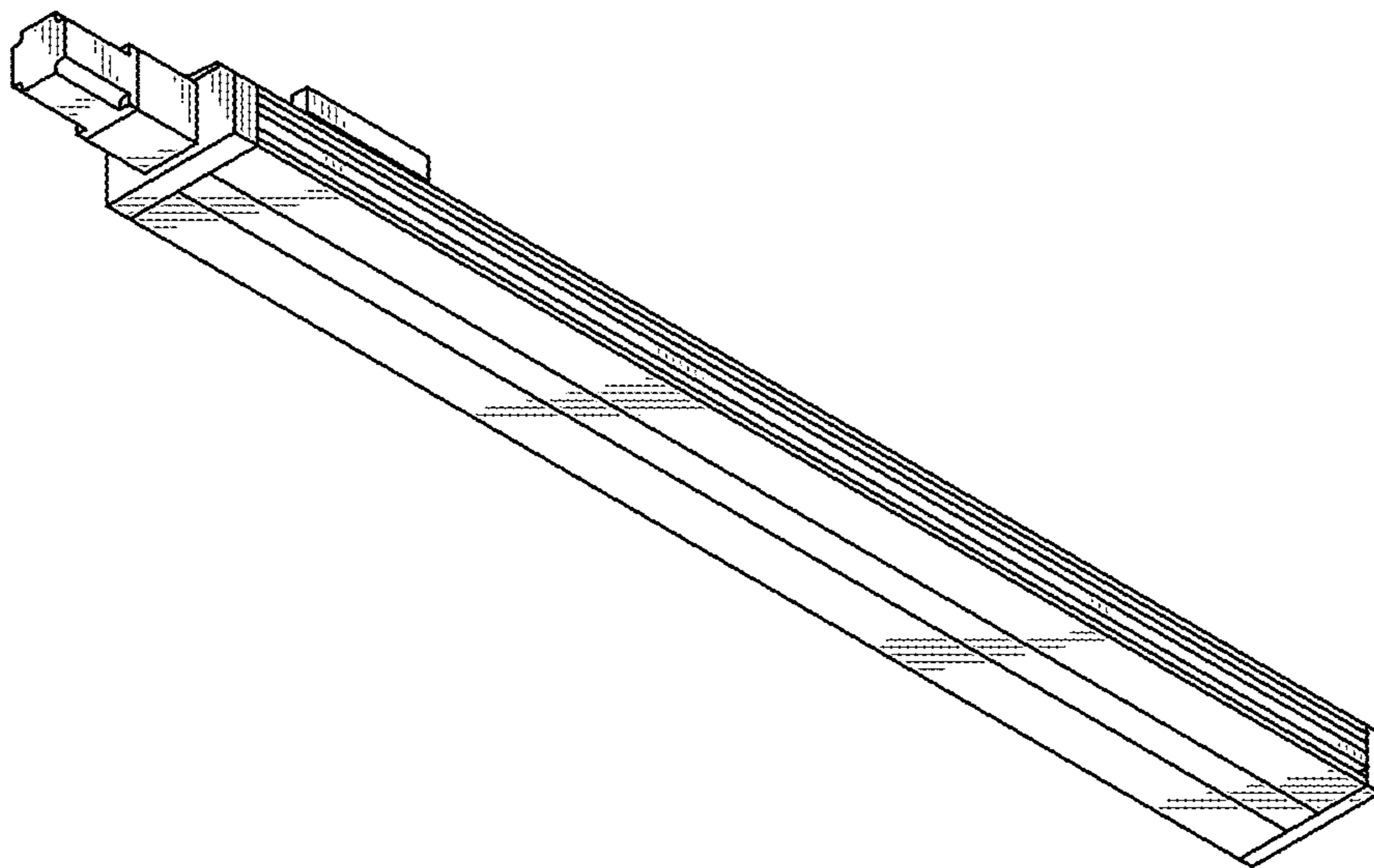


FIG. 11

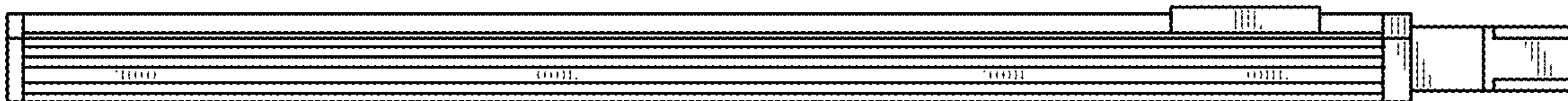


FIG. 12

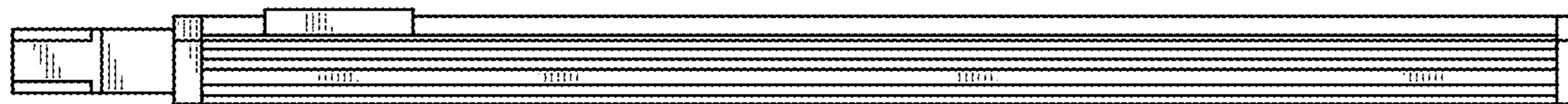


FIG. 13

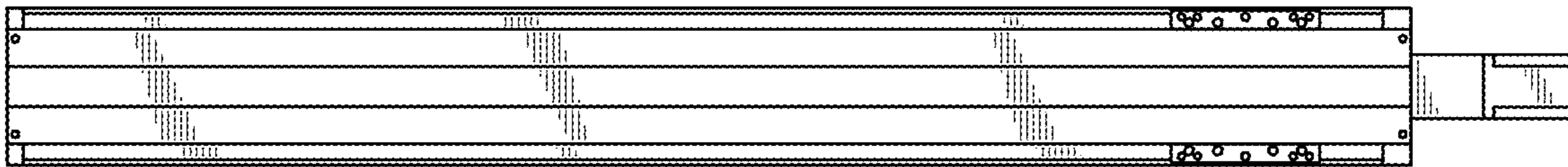


FIG. 14

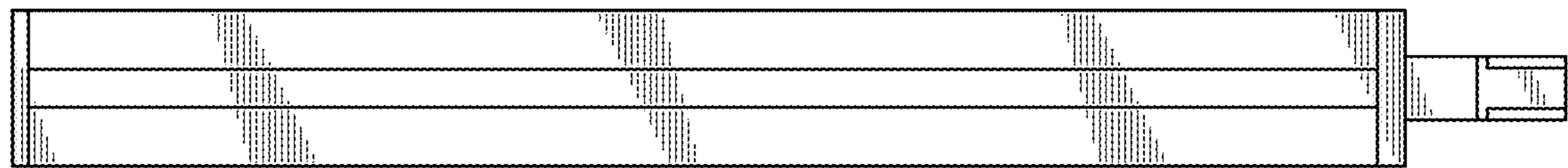


FIG. 15



FIG. 16

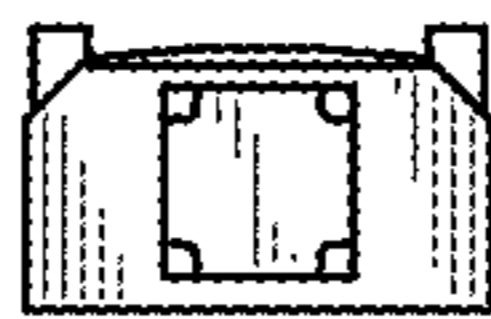


FIG. 17

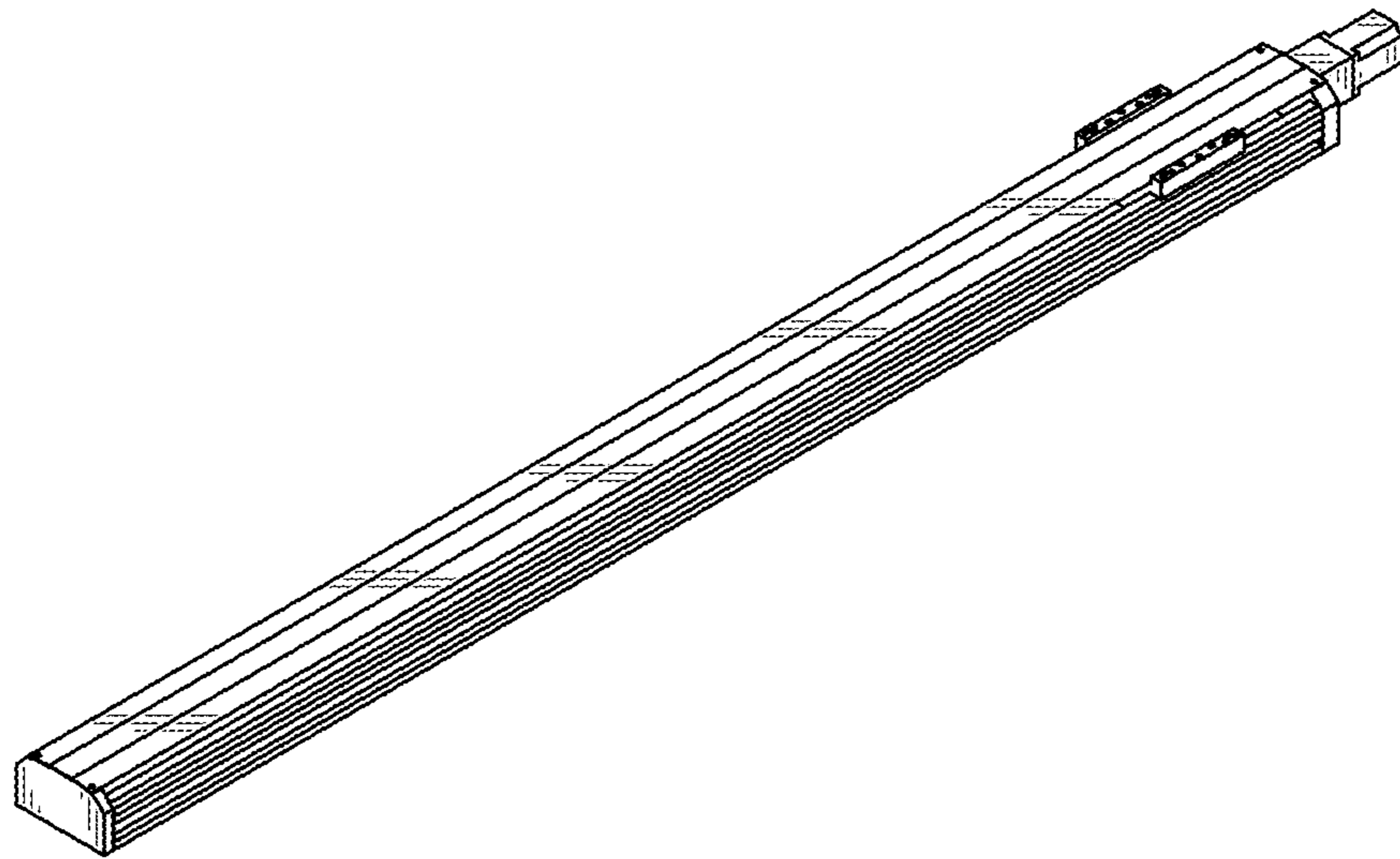


FIG. 18

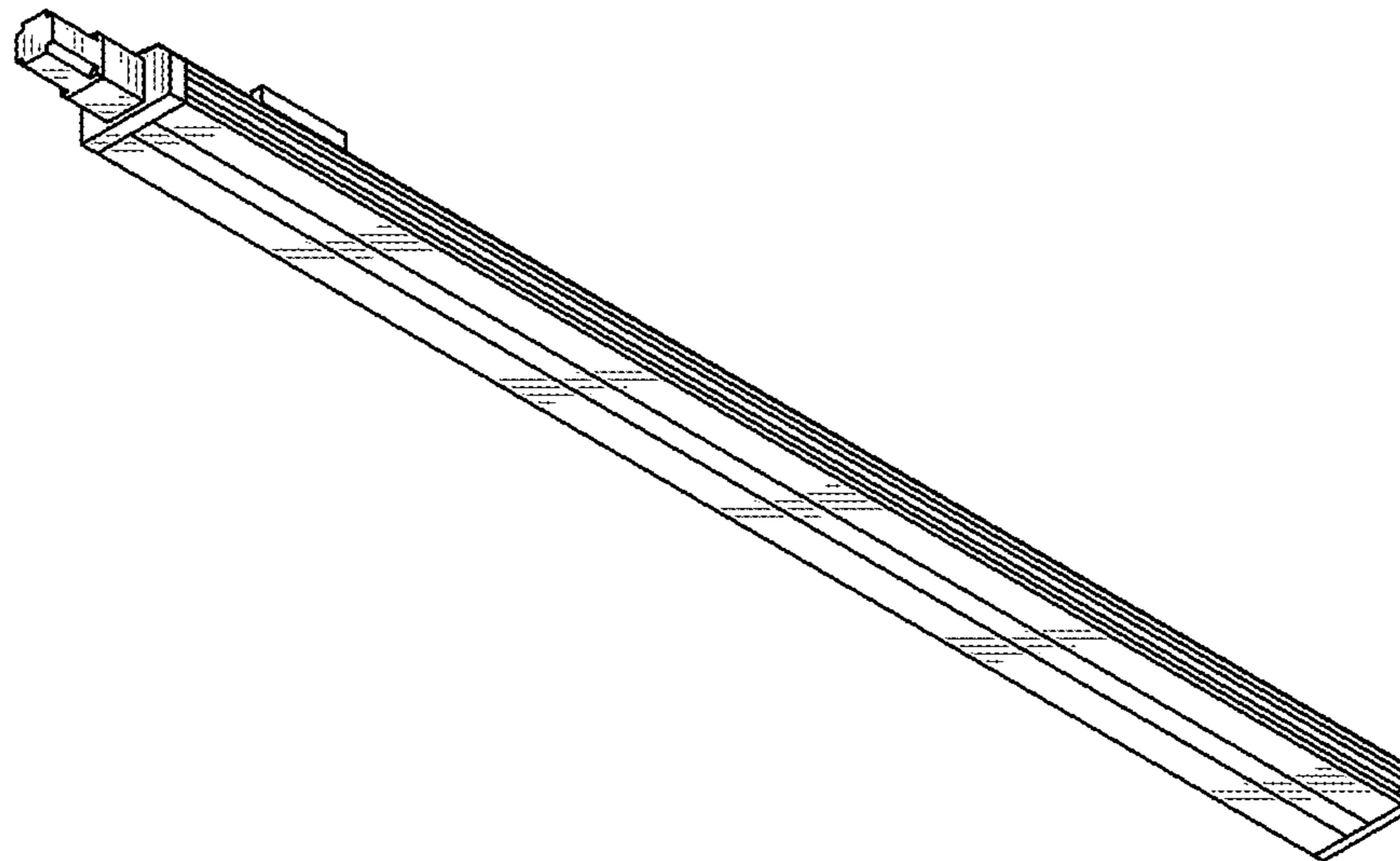


FIG. 19

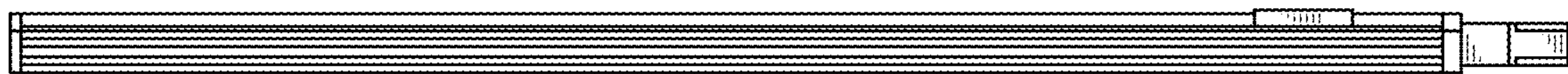


FIG. 20

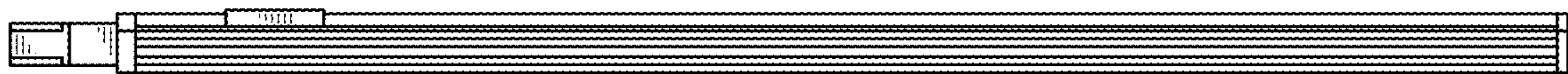


FIG. 21

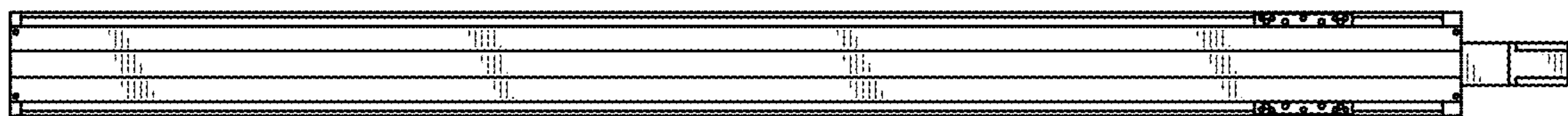


FIG. 22



FIG. 23

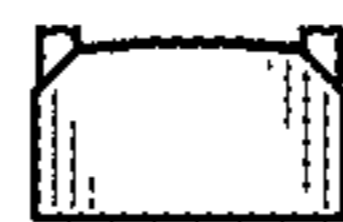


FIG. 24



FIG. 25

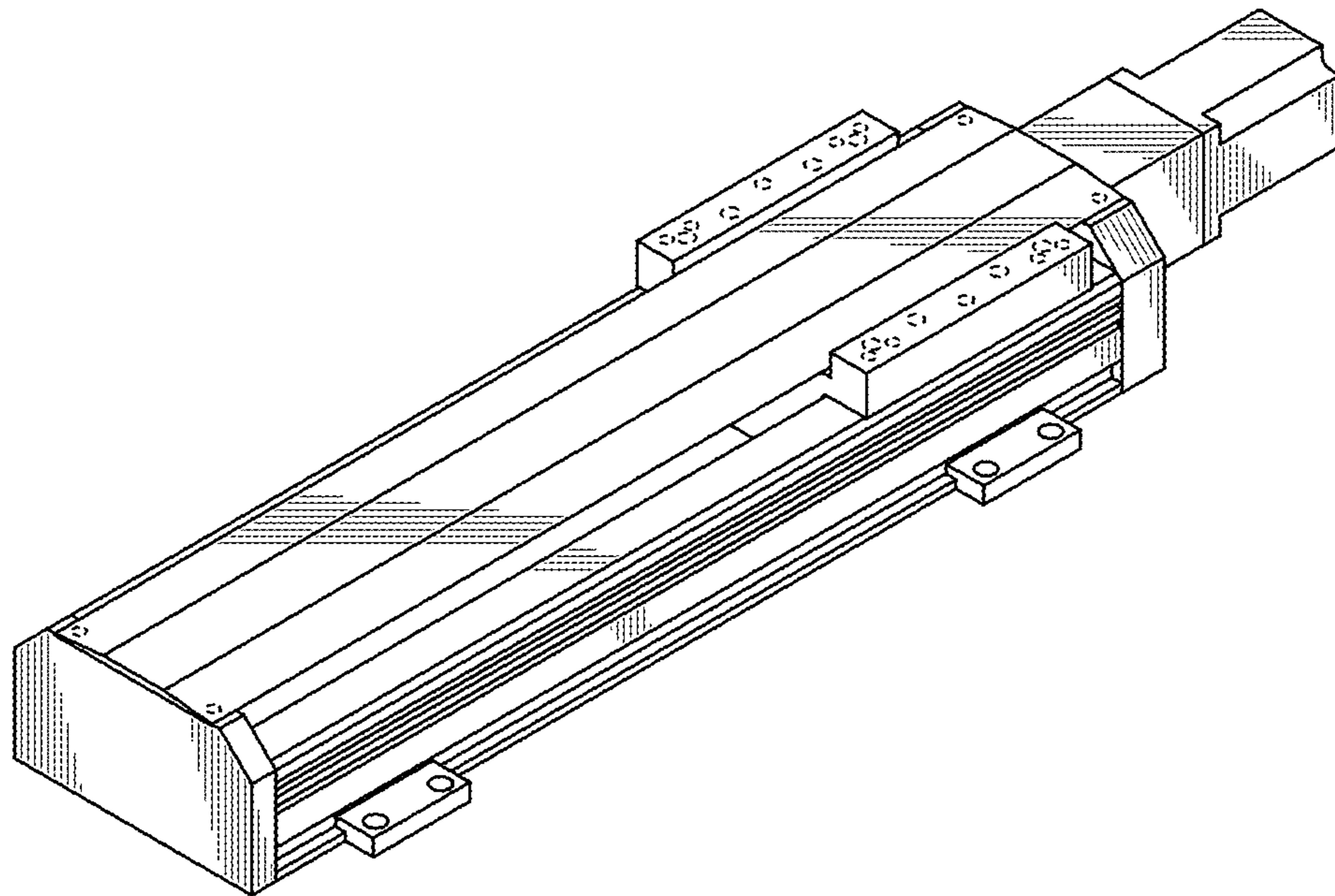


FIG. 26

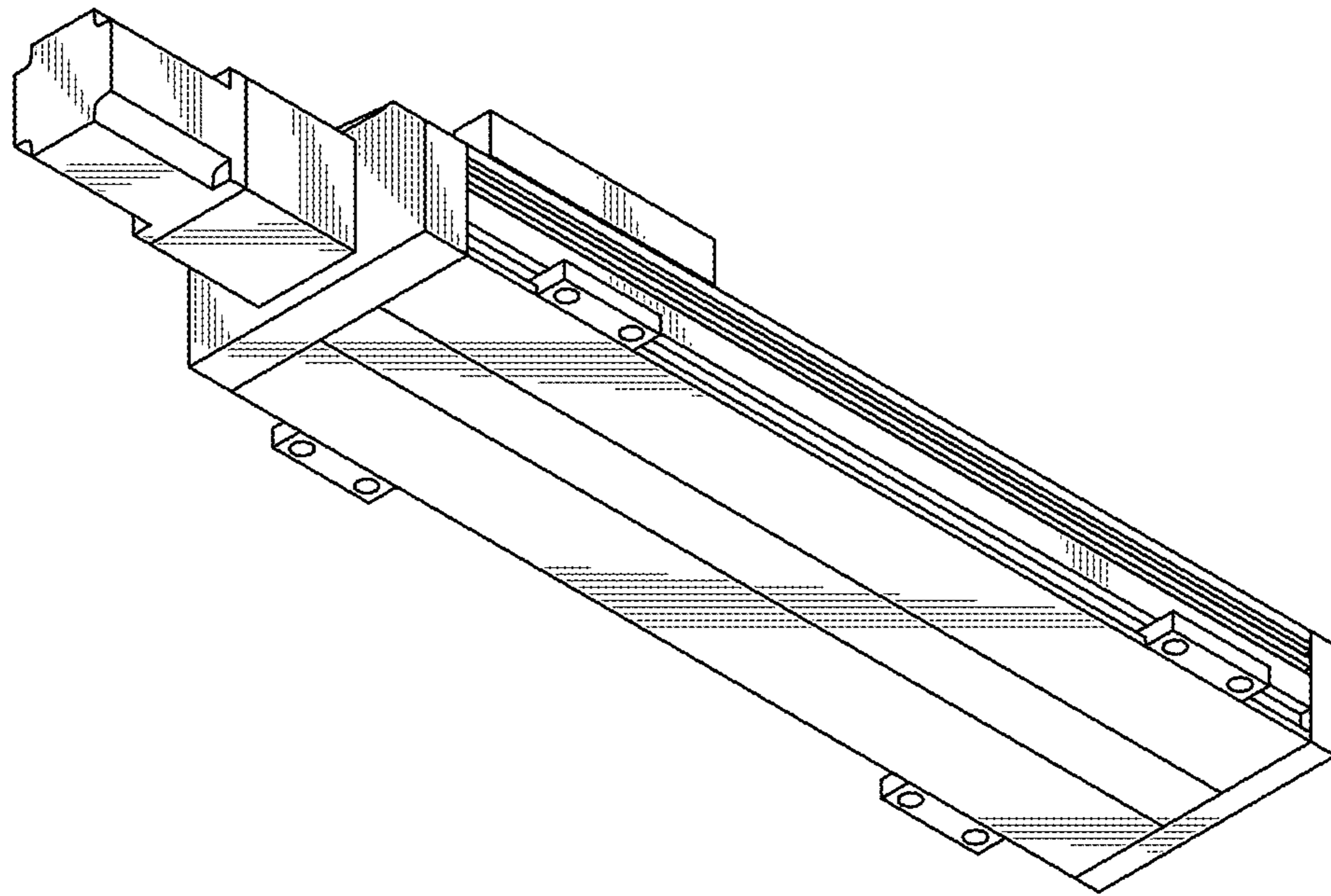


FIG. 27

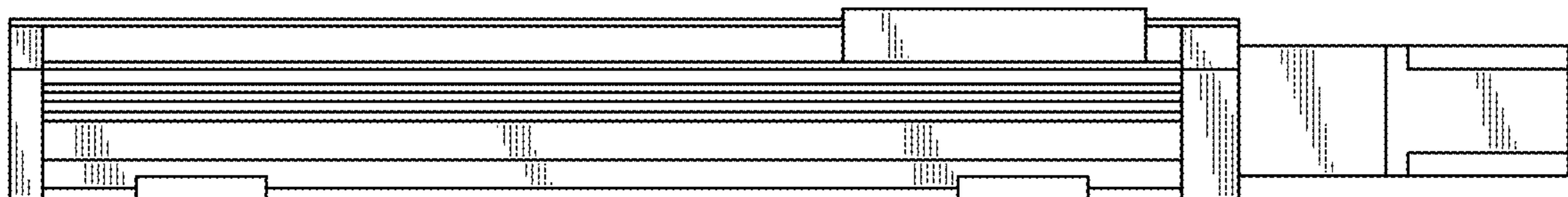


FIG. 28

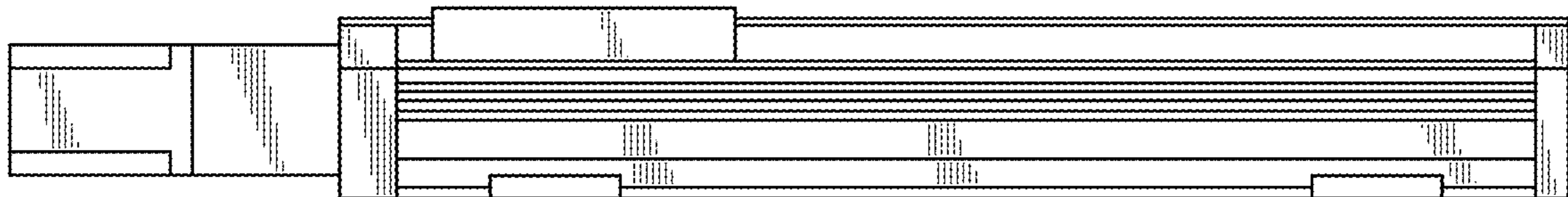


FIG. 29

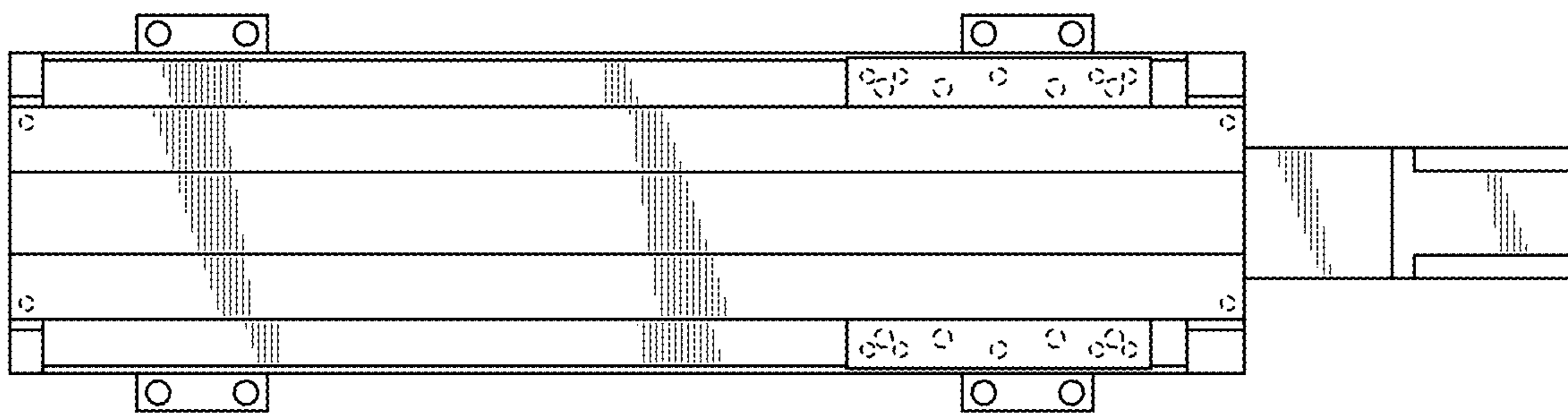


FIG. 30

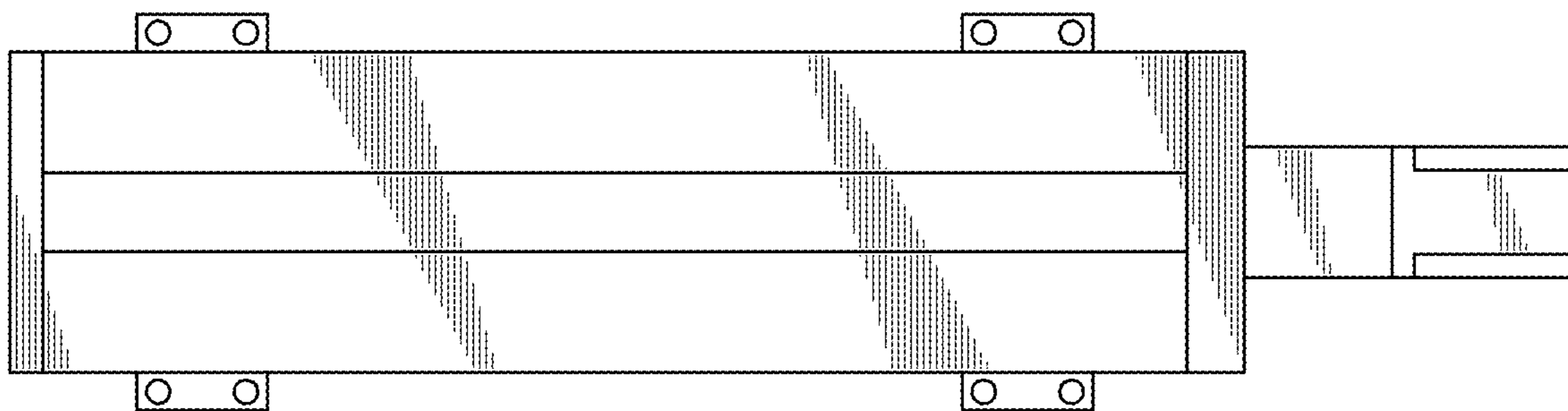


FIG. 31

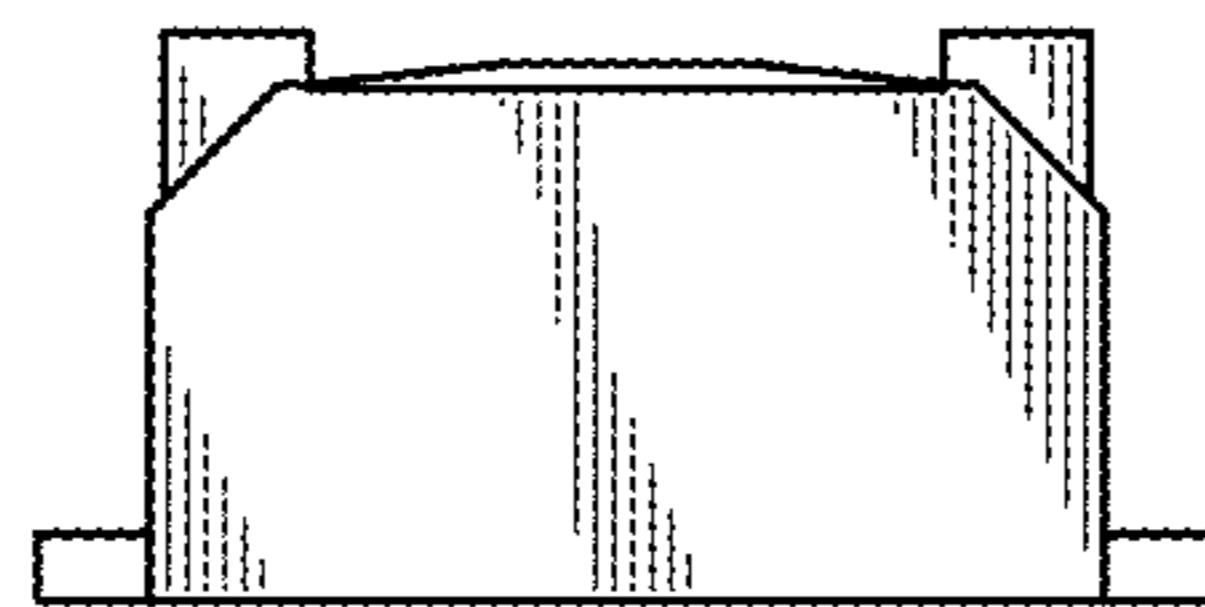


FIG. 32

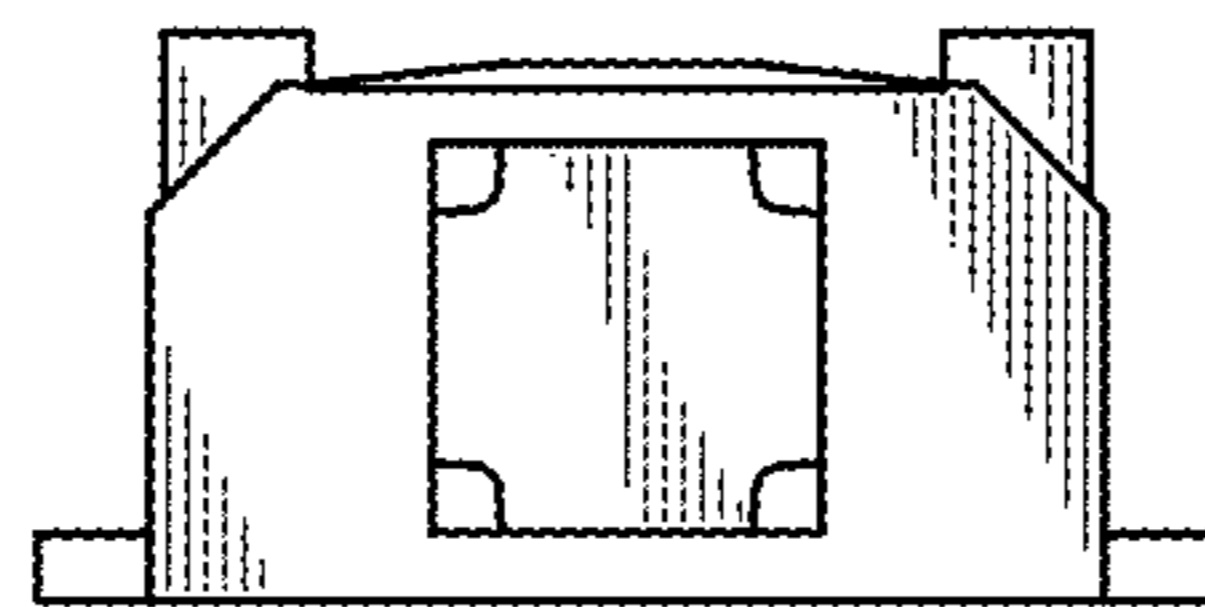


FIG. 33

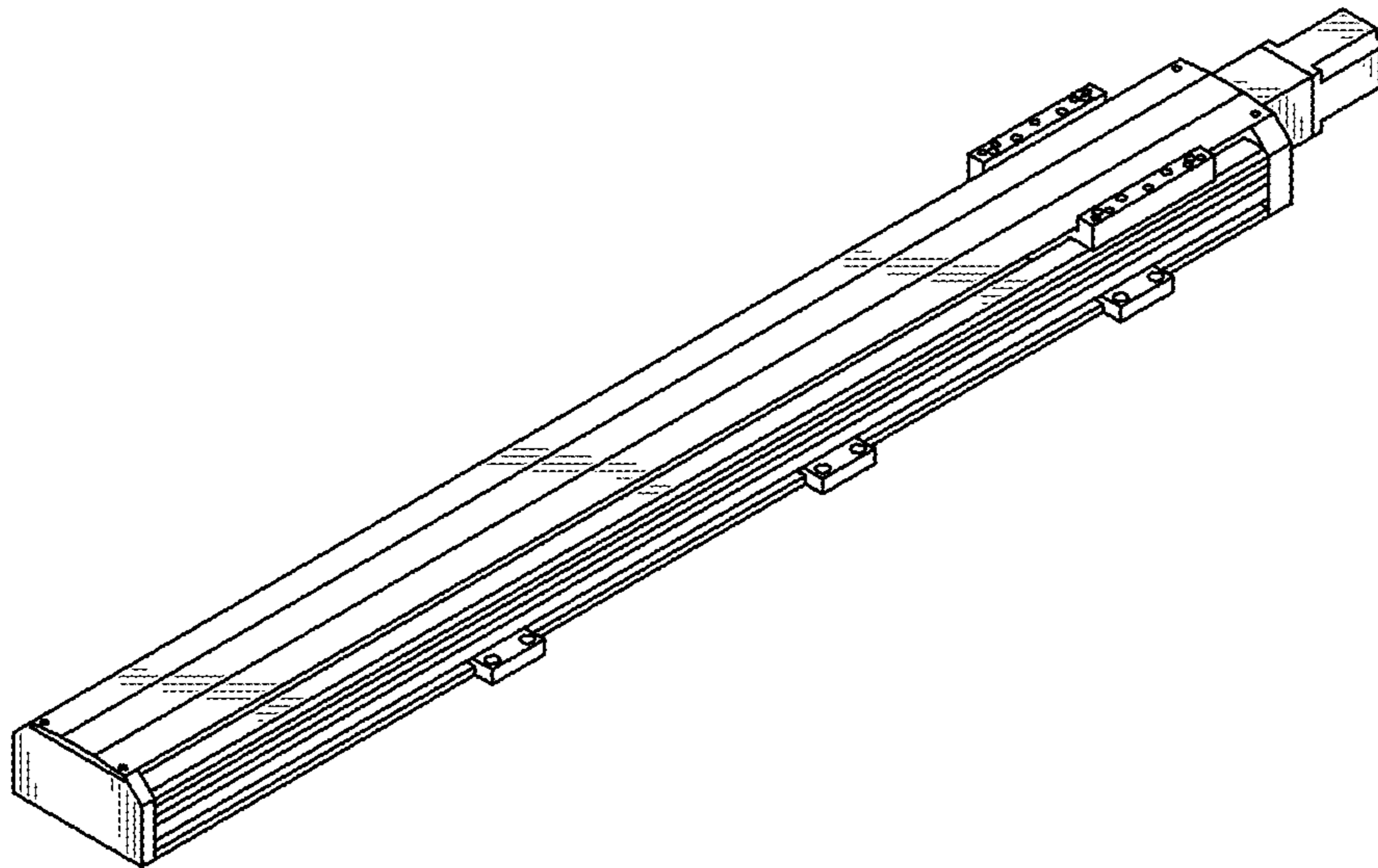


FIG. 34

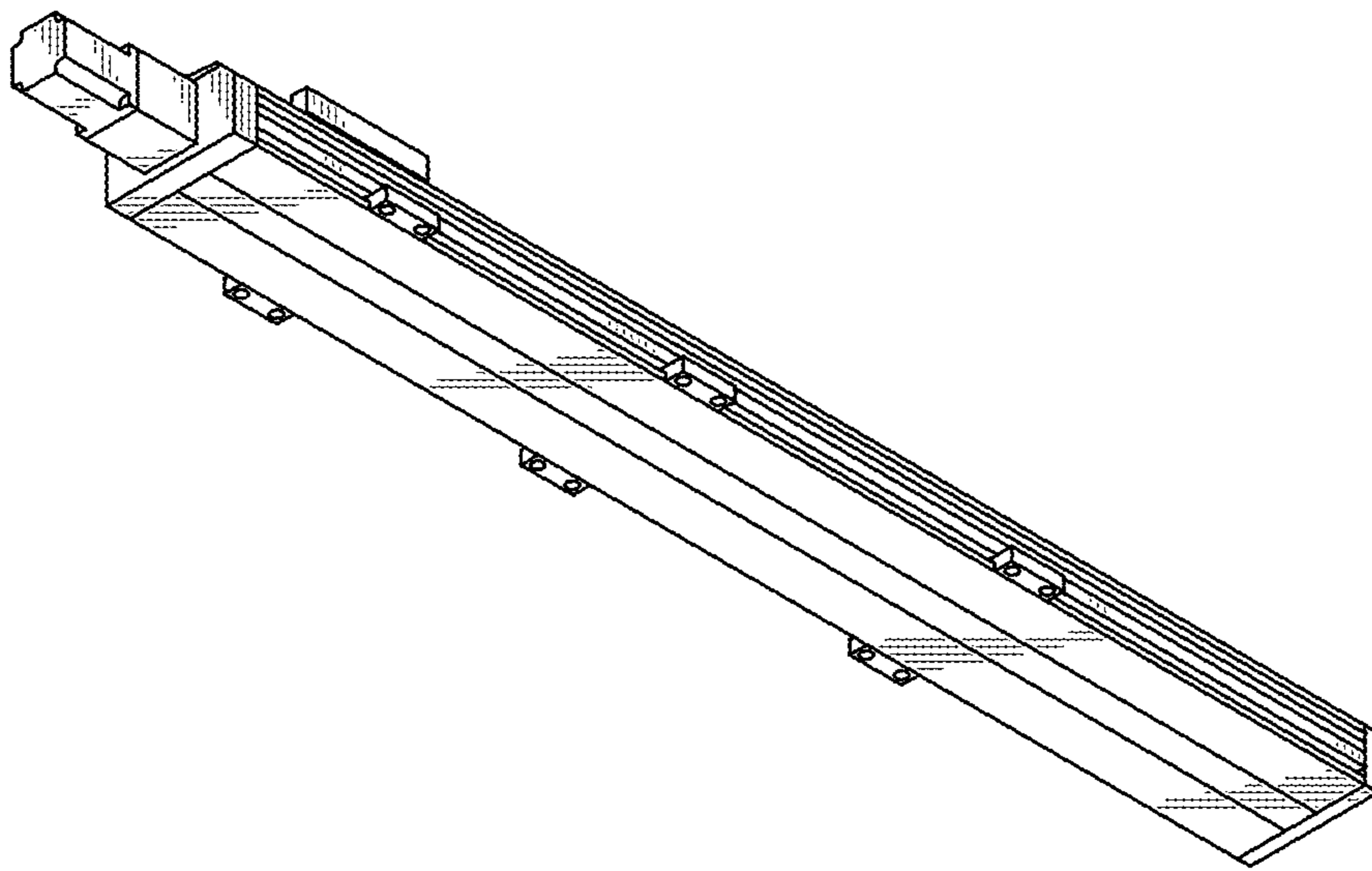


FIG. 35

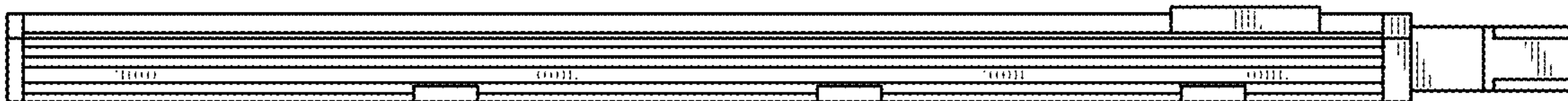


FIG. 36



FIG. 37

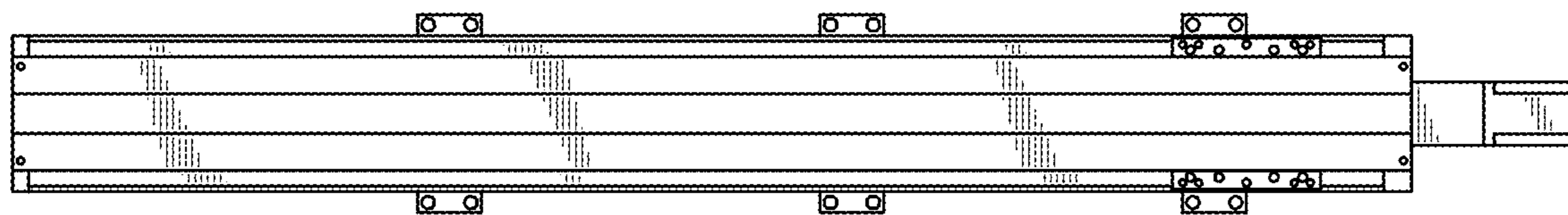


FIG. 38

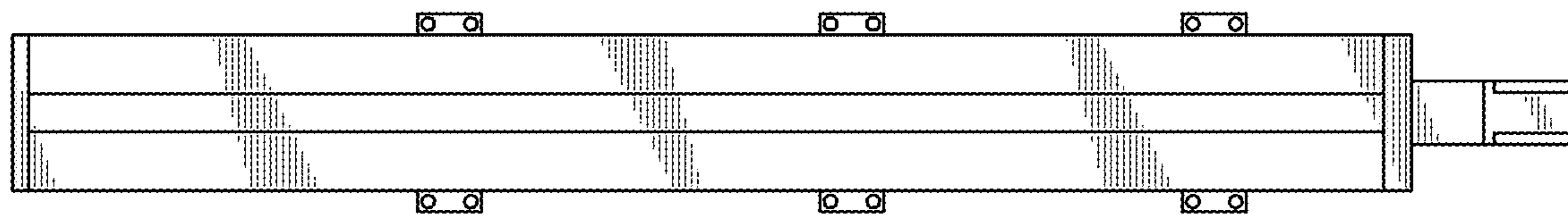


FIG. 39

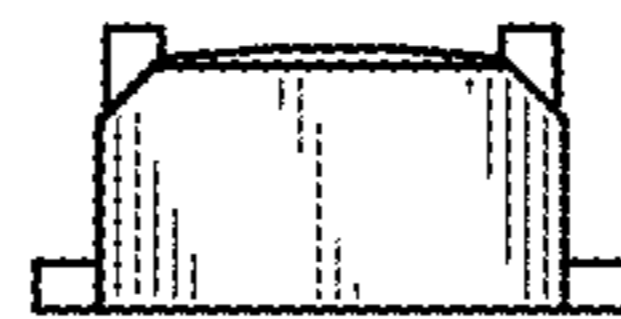


FIG. 40

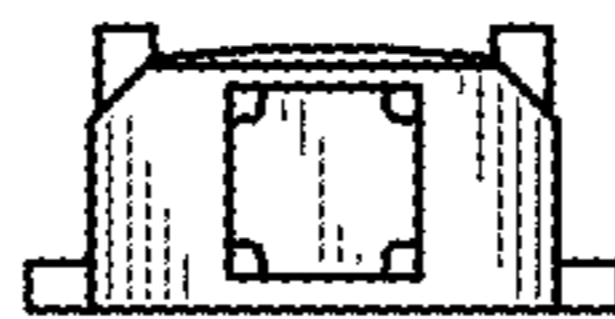


FIG. 41

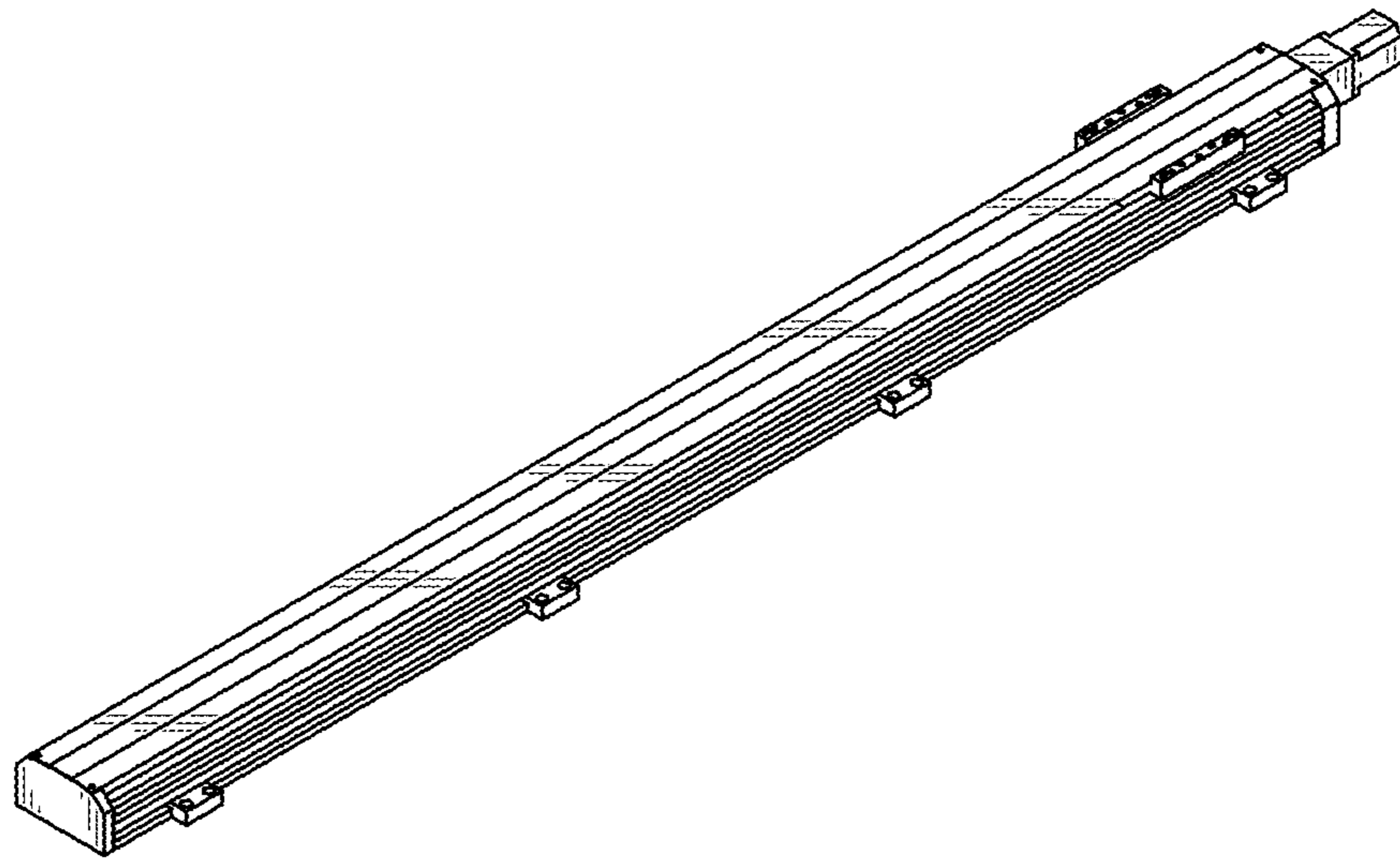


FIG. 42

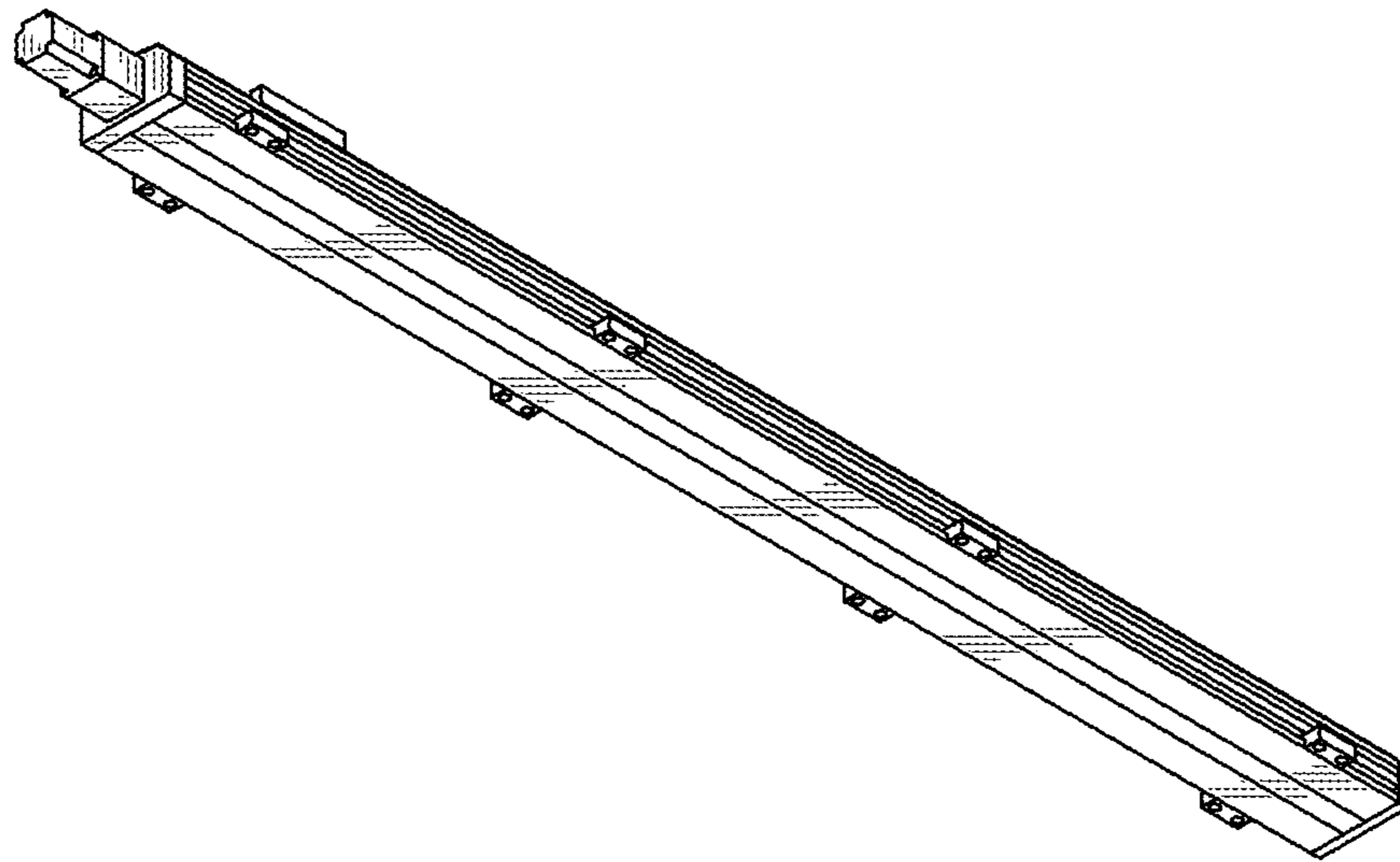


FIG. 43

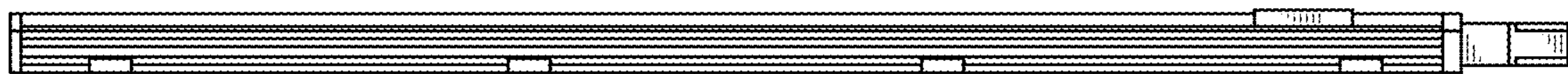


FIG. 44

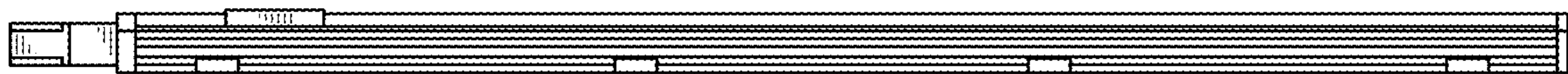


FIG. 45

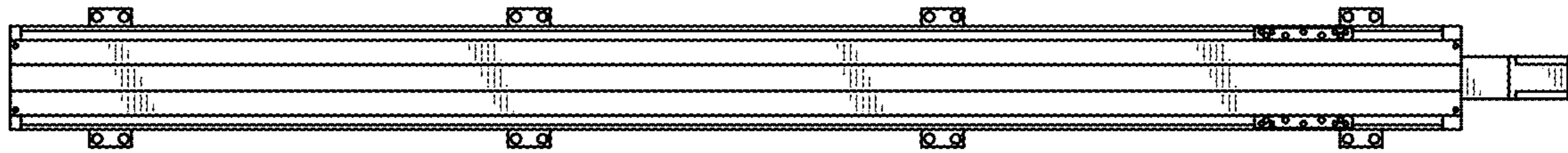


FIG. 46

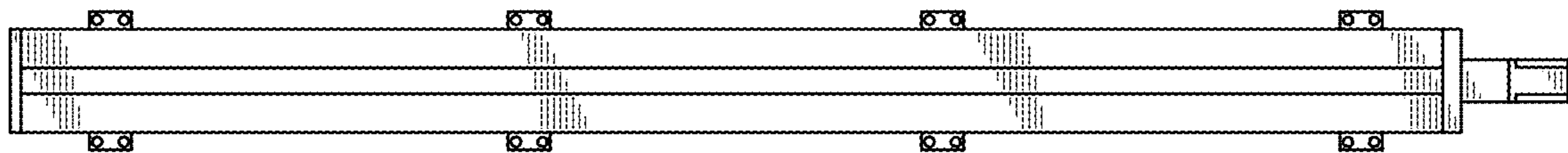


FIG. 47



FIG. 48

