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(12) **United States Design Patent**  
**Shimano et al.**(10) **Patent No.:** **US D716,857 S**  
(45) **Date of Patent:** \*\* **Nov. 4, 2014**(54) **ELECTRIC DISCHARGE MACHINE**(71) Applicant: **Mitsubishi Electric Corporation,**  
Tokyo (JP)(72) Inventors: **Hiroichiro Shimano**, Chiyoda-ku (JP);  
**Yasuya Kawamura**, Chiyoda-ku (JP);  
**Yoshihiro Obata**, Chiyoda-ku (JP)(73) Assignee: **Mitsubishi Electric Corporation,**  
Tokyo (JP)(\*\*) Term: **14 Years**(21) Appl. No.: **29/484,024**(22) Filed: **Mar. 5, 2014**(30) **Foreign Application Priority Data**

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(51) LOC (10) Cl. ..... **15-09**  
(52) U.S. Cl.  
USPC ..... **D15/127; D15/122**  
(58) **Field of Classification Search**  
USPC ..... D15/122, 127; 219/20, 69.11–69.18;  
318/571–572; 483/1, 16  
See application file for complete search history.

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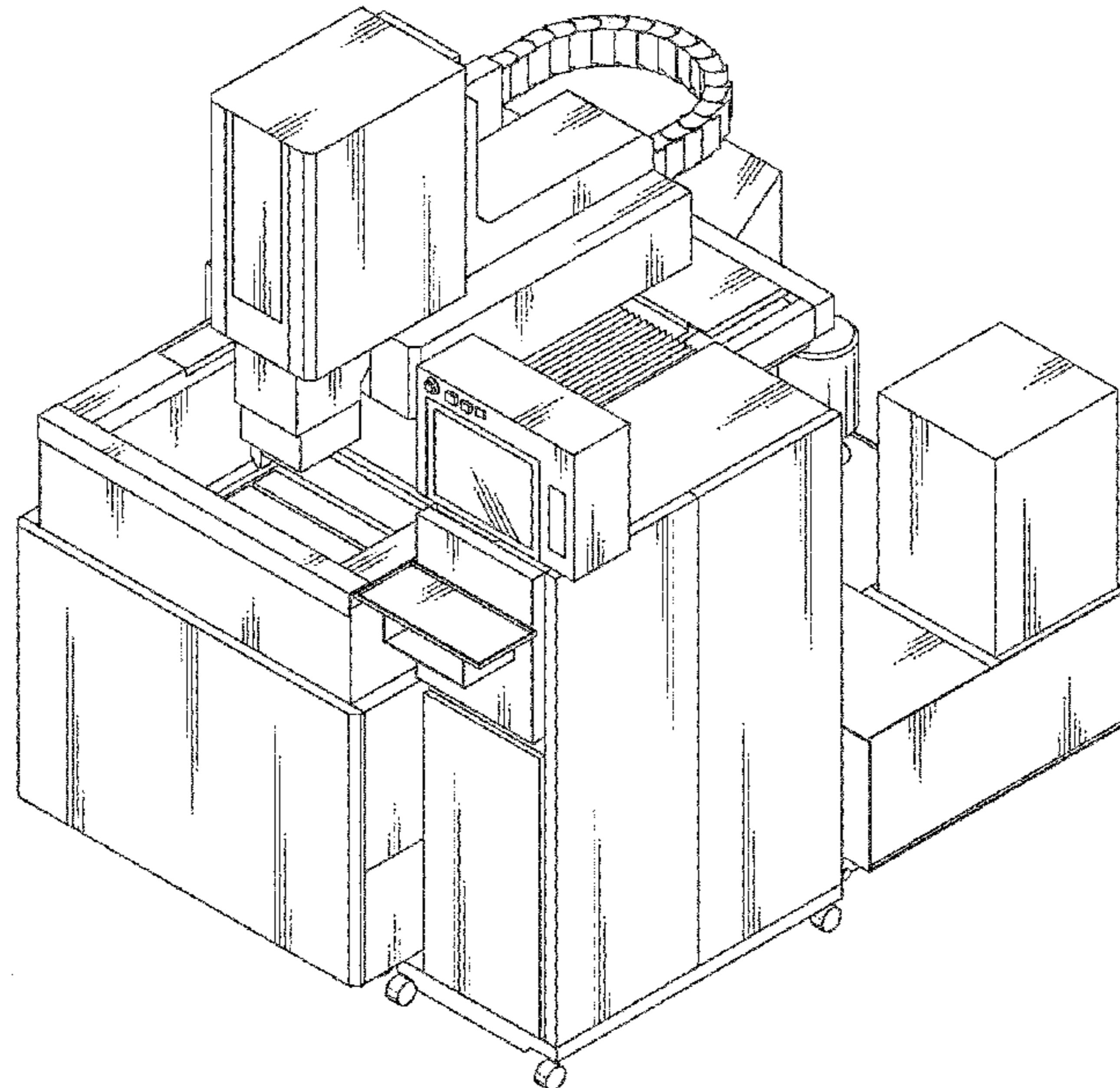
\* cited by examiner

*Primary Examiner* — Patricia Palasik(74) *Attorney, Agent, or Firm* — Sughrue Mion, PLLC;  
Richard C. Turner(57) **CLAIM**

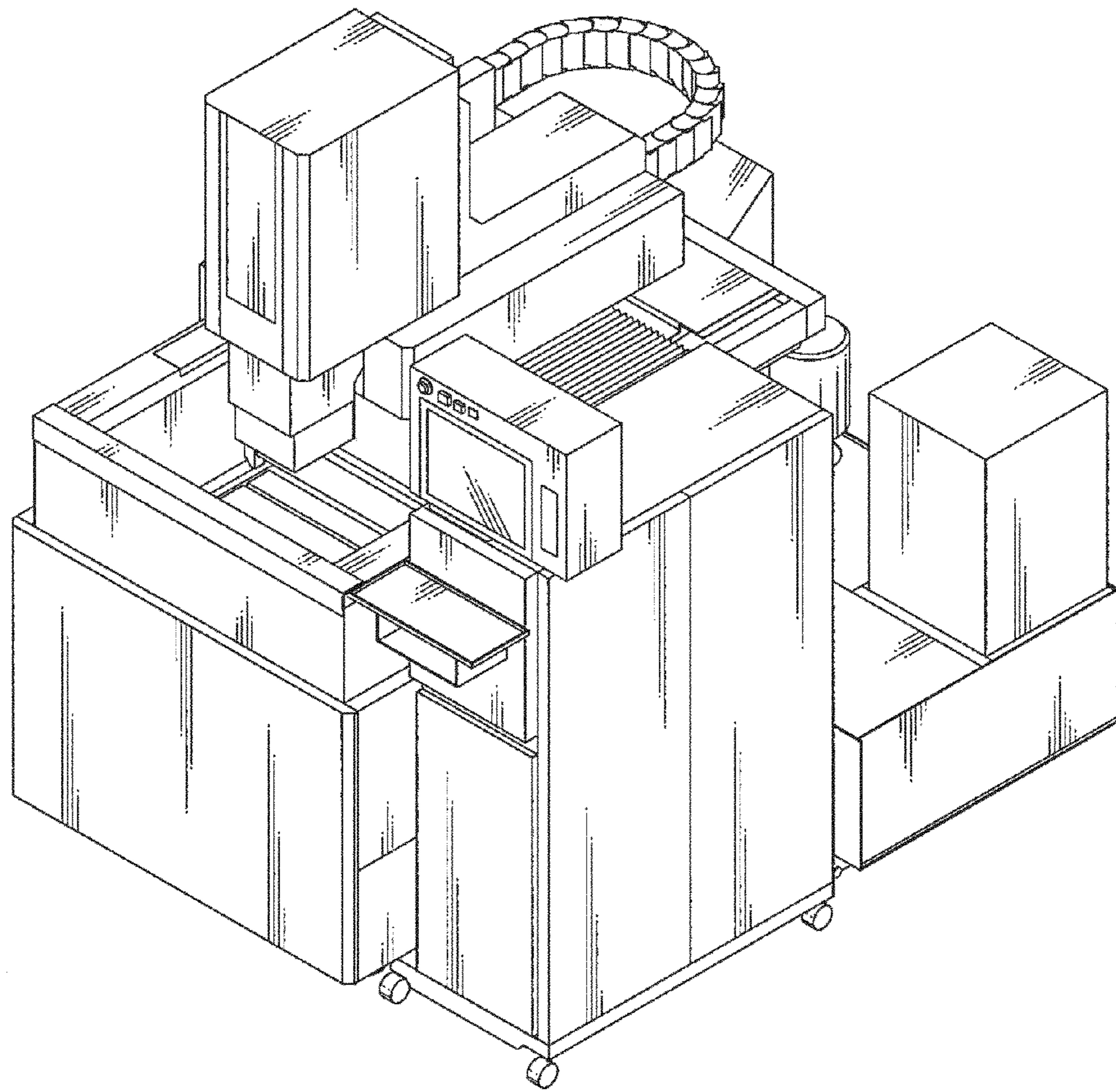
The ornamental design for an electric discharge machine, as shown and described.

**DESCRIPTION**

FIG. 1 is a front, top and right side perspective view of an electric discharge machine, showing our new design;  
FIG. 2 is a rear, top and left side perspective view thereof;  
FIG. 3 is a front elevational view thereof;  
FIG. 4 is a rear elevational view thereof;  
FIG. 5 is a left side elevational view thereof;  
FIG. 6 is a right side elevational view thereof;  
FIG. 7 is a top plan view thereof;  
FIG. 8 is a bottom plan view thereof; and,  
FIG. 9 is a reference front elevational view with the light-transmitting portion drawn by oblique lines.

**1 Claim, 9 Drawing Sheets**

**Fig. 1**



**Fig. 2**

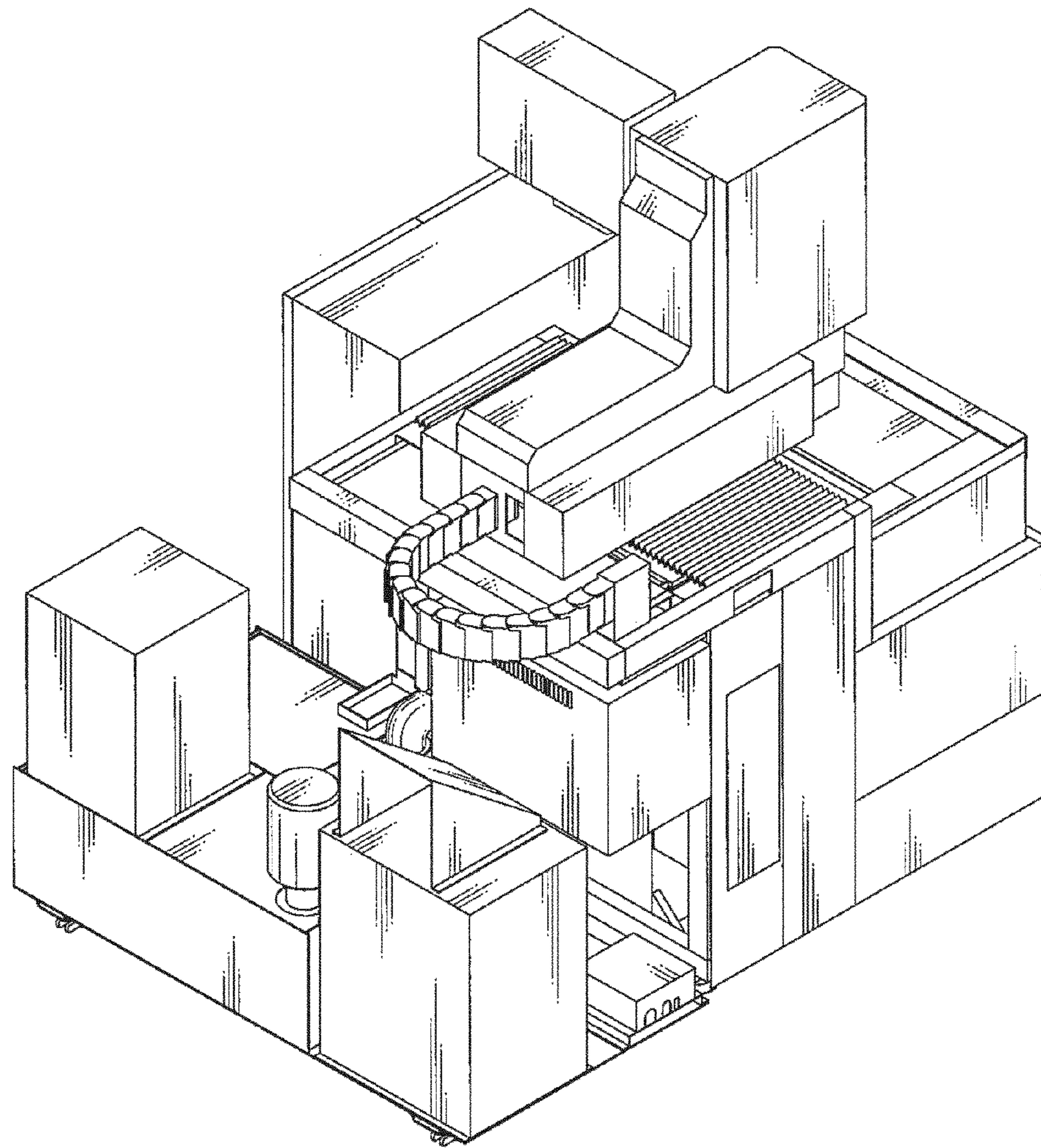


Fig. 3

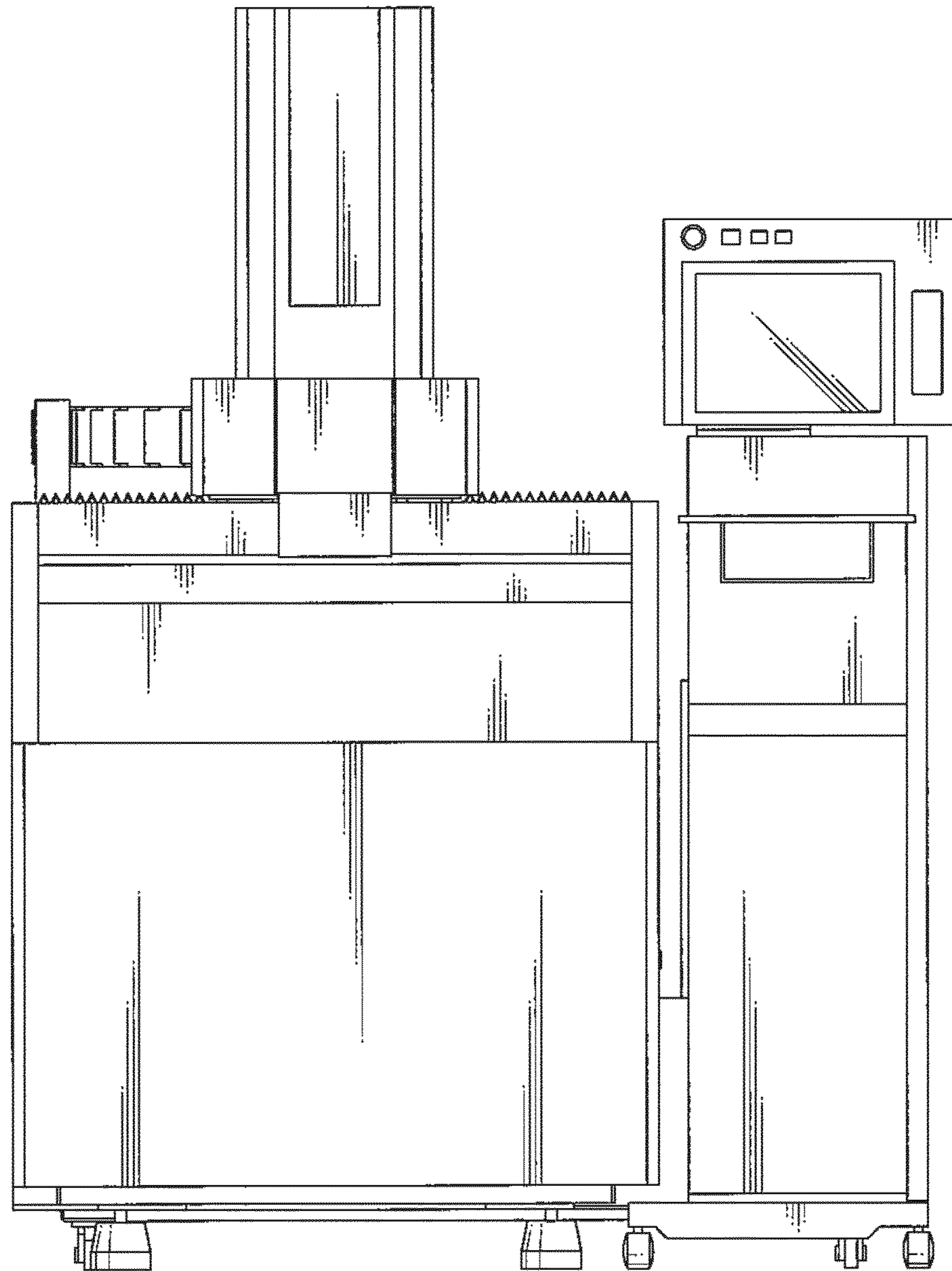


Fig. 4

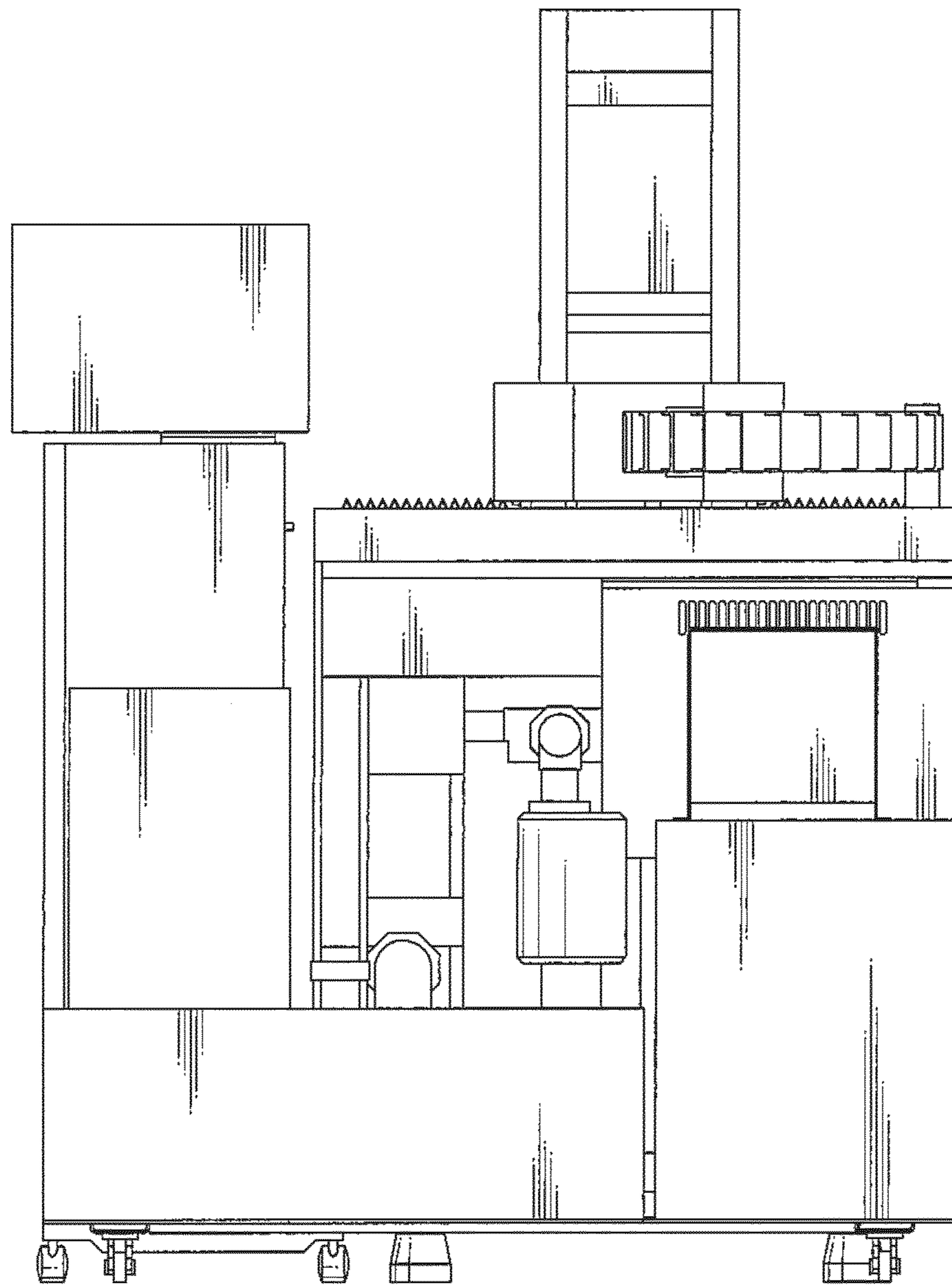


Fig. 5

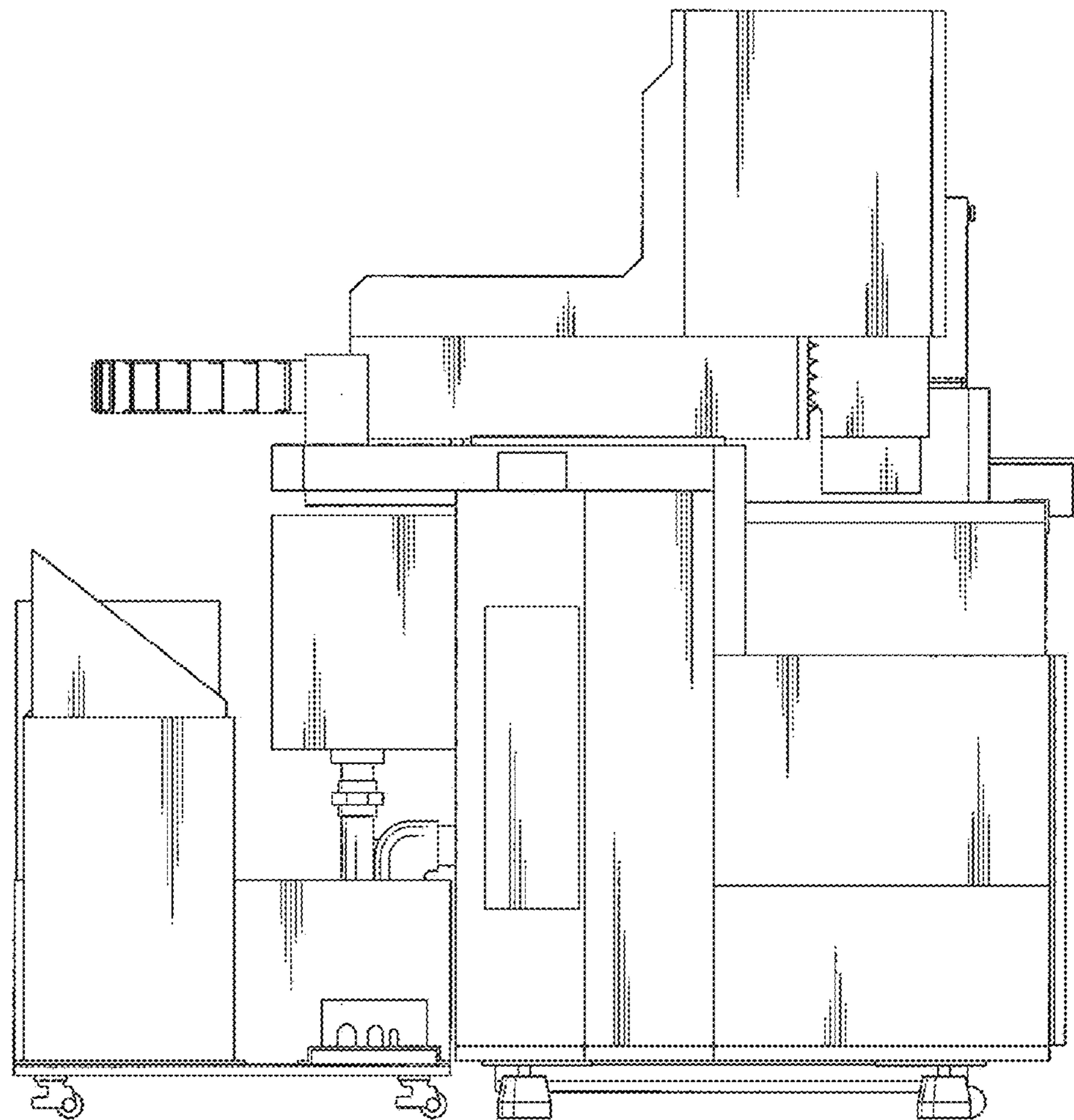


Fig. 6

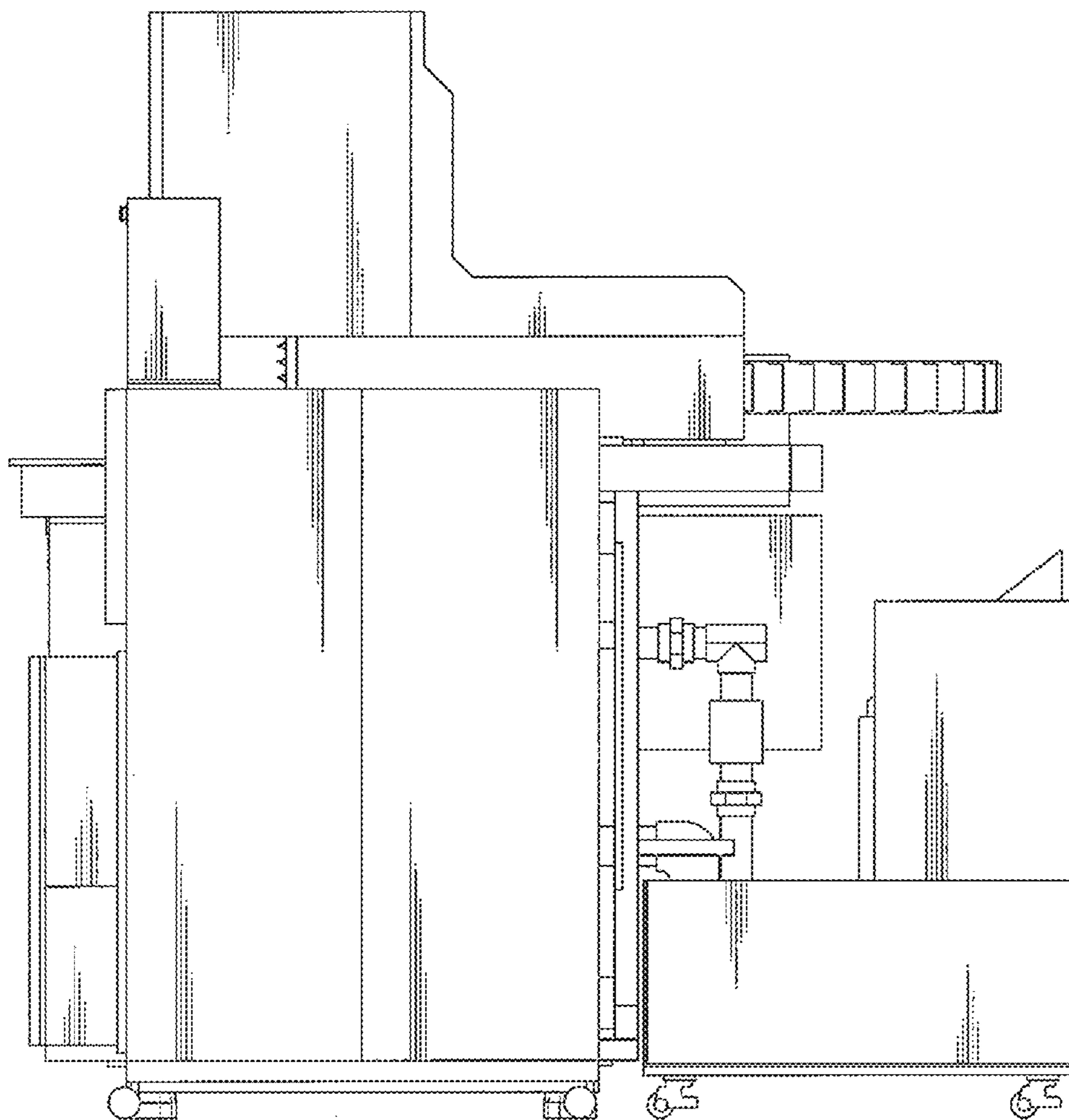


Fig. 7

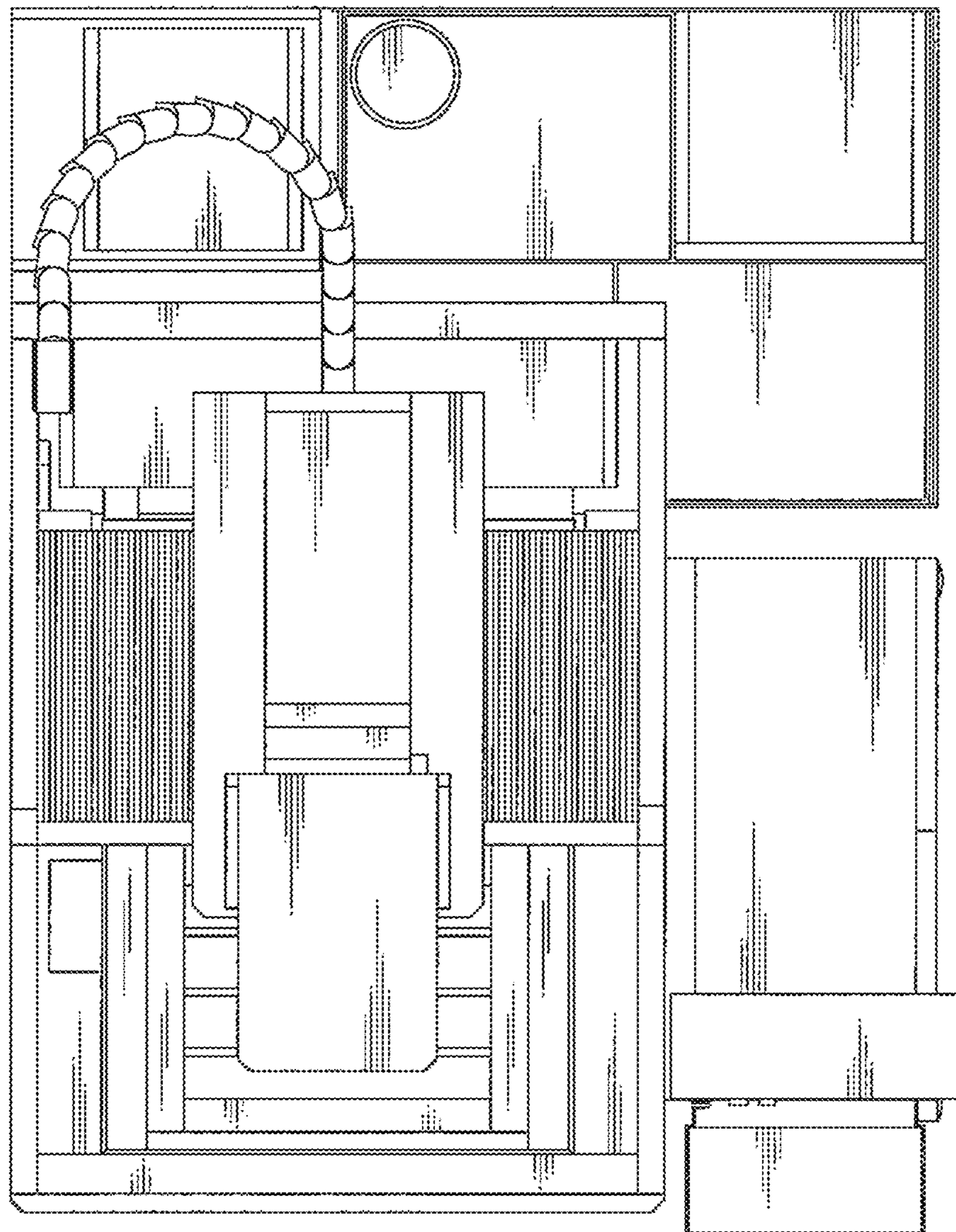


Fig. 8

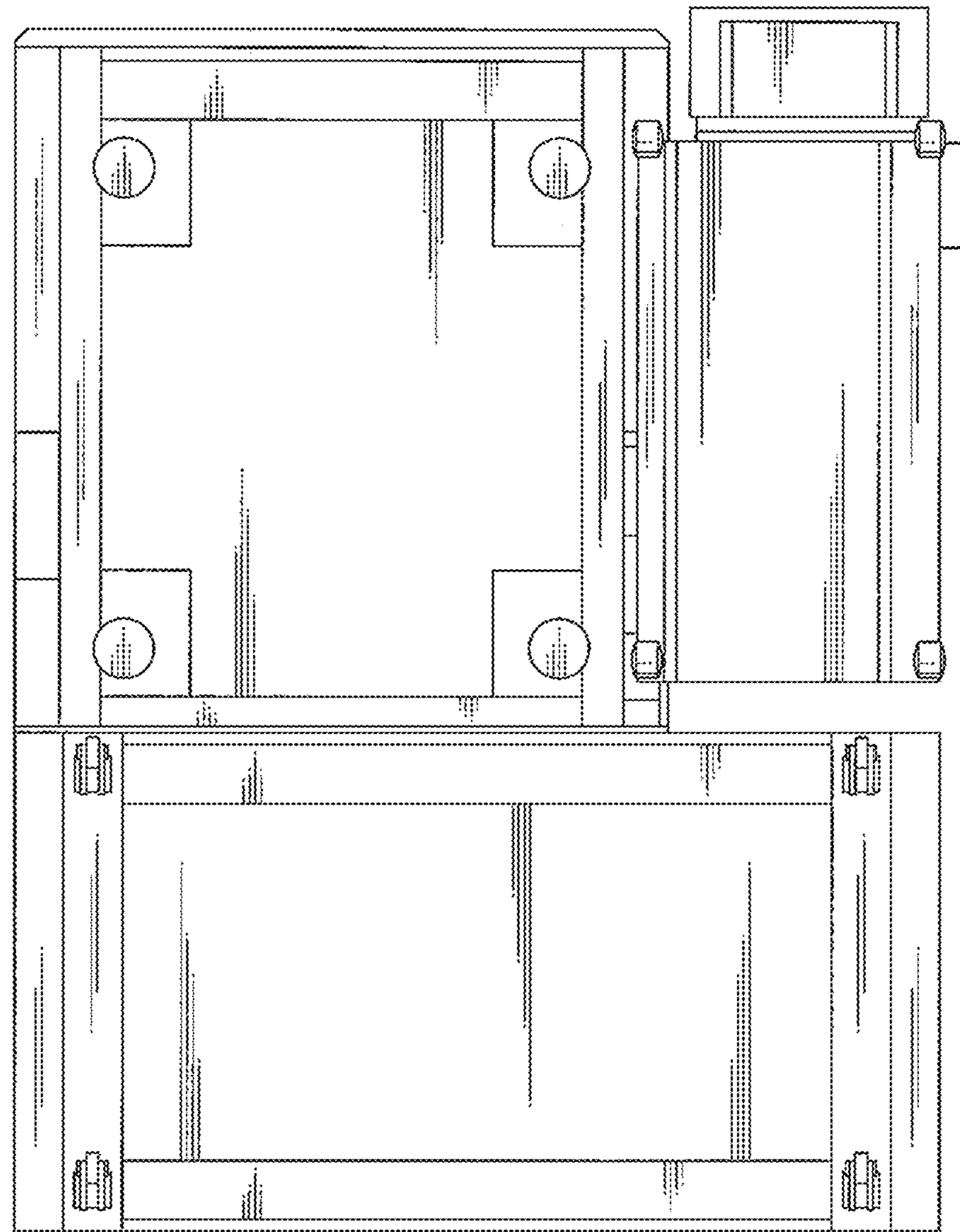


Fig. 9

