



US00D731566S

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

(10) **Patent No.:** **US D731,566 S**  
(45) **Date of Patent:** **\*\* Jun. 9, 2015**

(54) **ELECTRIC DISCHARGE MACHINE**

(56) **References Cited**

(71) Applicant: **MITSUBISHI ELECTRIC CORPORATION**, Tokyo (JP)

U.S. PATENT DOCUMENTS

(72) Inventors: **Hiroichiro Shimano**, Tokyo (JP);  
**Takashi Kakihana**, Tokyo (JP)

D286,407	S	*	10/1986	Itoh et al.	.....	D15/127
D388,103	S	*	12/1997	Gotou et al.	.....	D15/127
5,914,054	A	*	6/1999	Ito et al.	.....	219/69.11
D427,614	S	*	7/2000	Miyake et al.	.....	D15/127
D551,268	S	*	9/2007	Iwamoto et al.	.....	D15/127
D668,277	S	*	10/2012	Miyake et al.	.....	D15/127
D668,278	S	*	10/2012	Miyake et al.	.....	D15/127
D701,253	S	*	3/2014	Thoma	.....	D15/127
D716,857	S	*	11/2014	Shimano et al.	.....	D15/127

(73) Assignee: **Mitsubishi Electric Corporation**, Tokyo (JP)

\* cited by examiner

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

*Primary Examiner* — Patricia Palasik

(21) Appl. No.: **29/490,617**

(74) *Attorney, Agent, or Firm* — Studebaker & Brackett PC

(22) Filed: **May 12, 2014**

(57) **CLAIM**

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

(30) **Foreign Application Priority Data**

**DESCRIPTION**

Dec. 5, 2013 (JP) ..... 2013-028479

(51) **LOC (10) Cl.** ..... **15-09**

(52) **U.S. Cl.**  
USPC ..... **D15/127**

(58) **Field of Classification Search**  
USPC ..... D15/122, 127, 130  
See application file for complete search history.

FIG. 1 is a front, top and left side perspective view of an electric discharge machine, 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; and,  
FIG. 7 is a bottom plan view thereof.

**1 Claim, 7 Drawing Sheets**

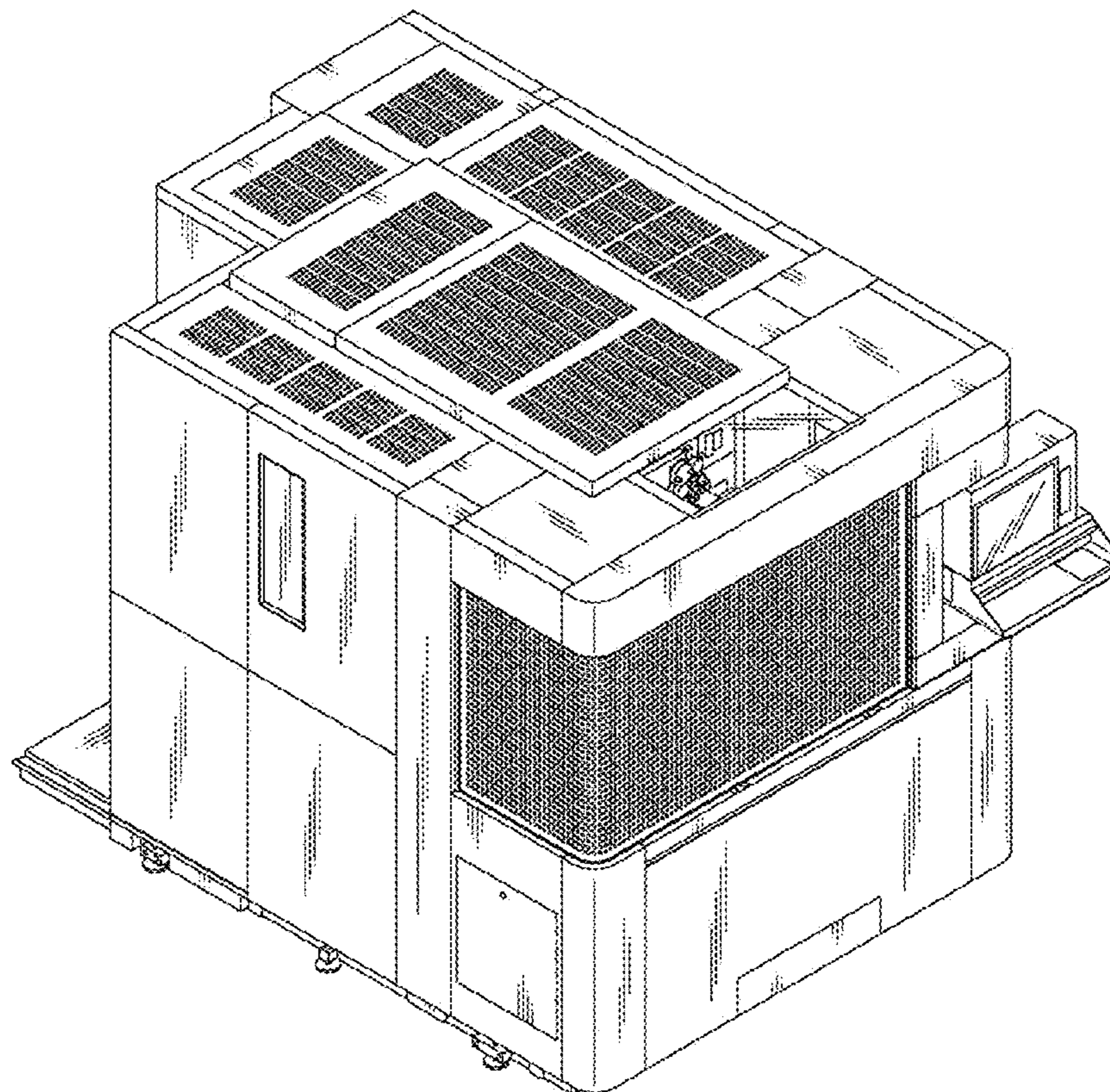


Fig. 1

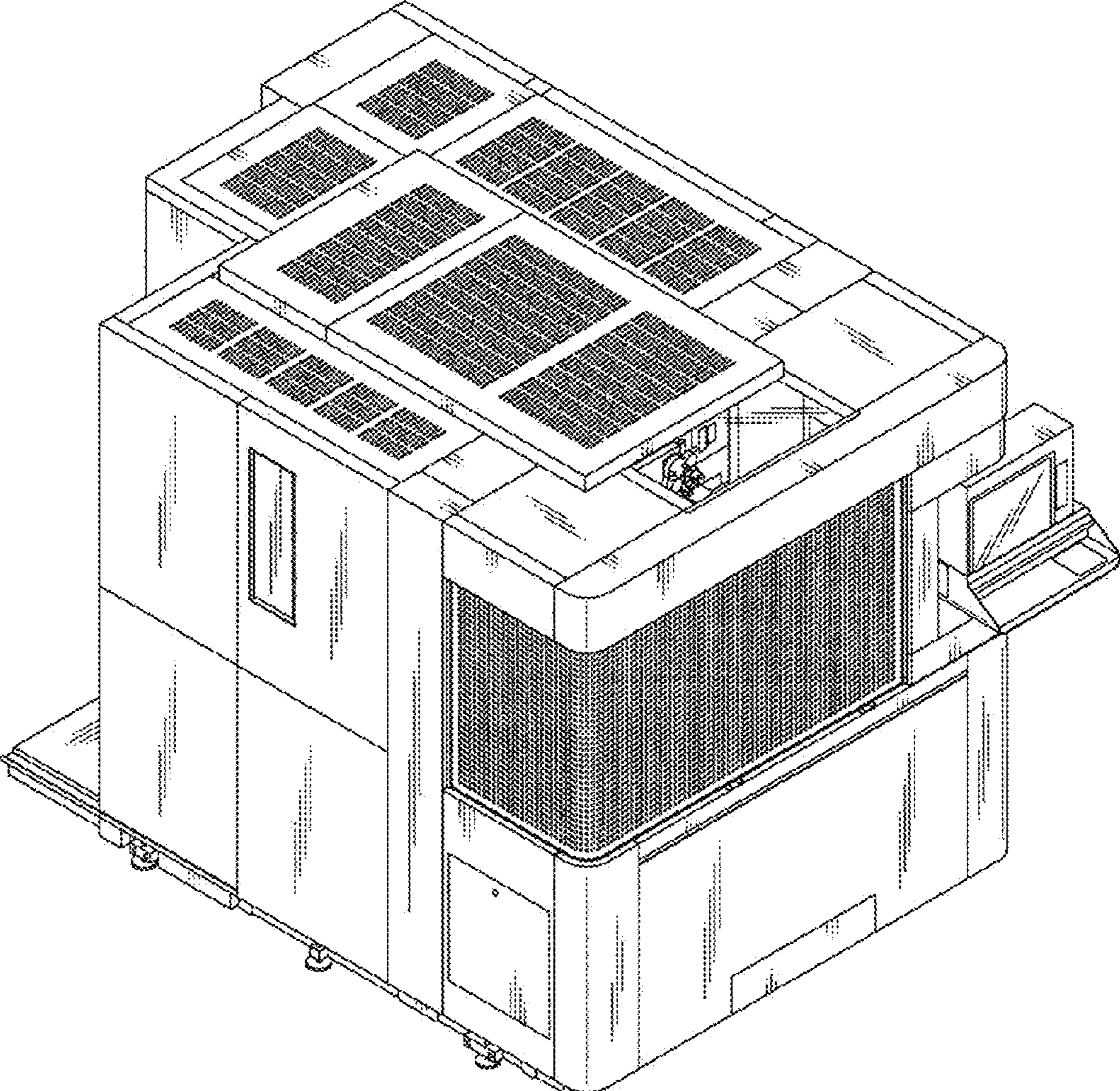


Fig. 2

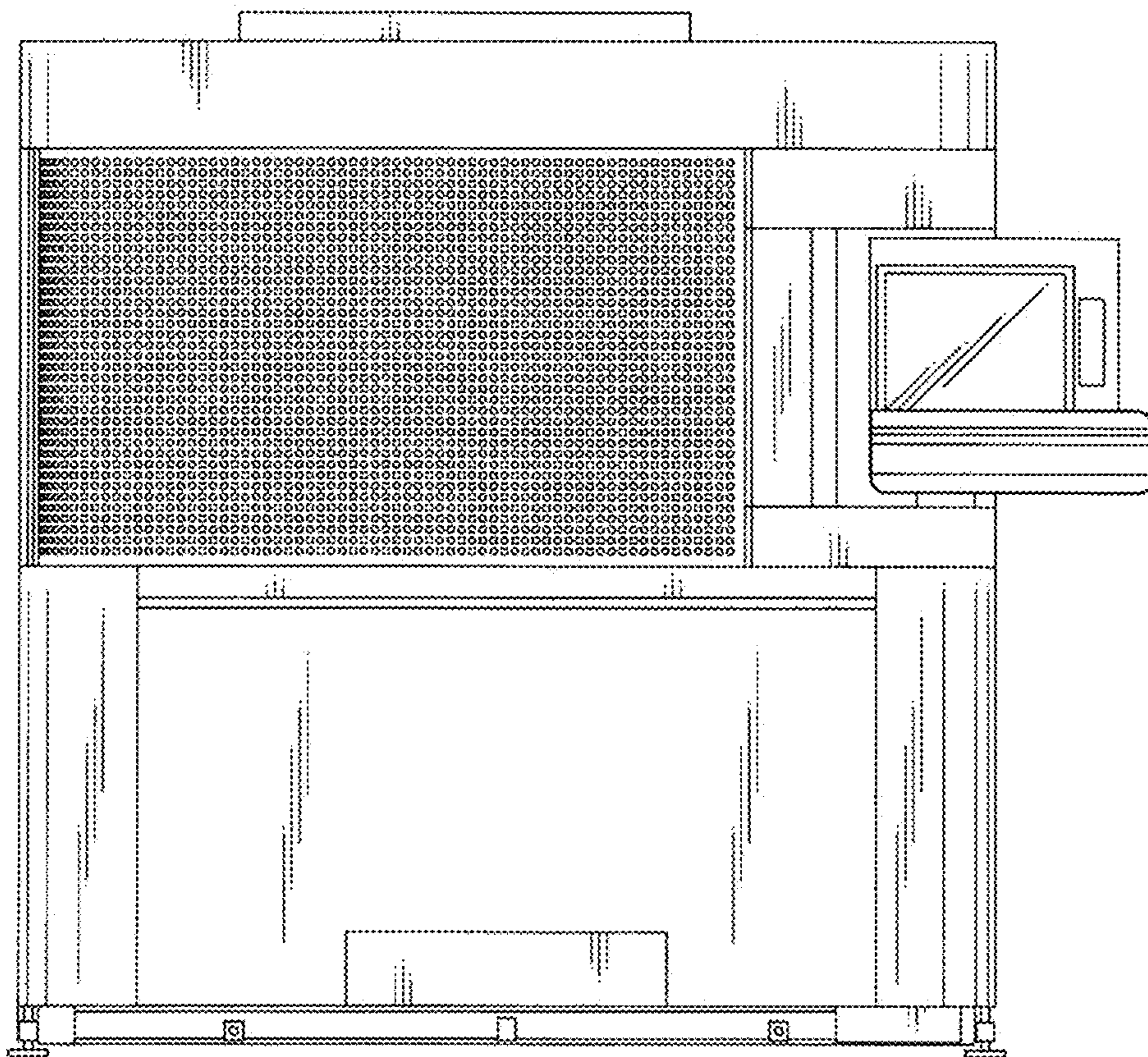


Fig. 3



Fig. 4

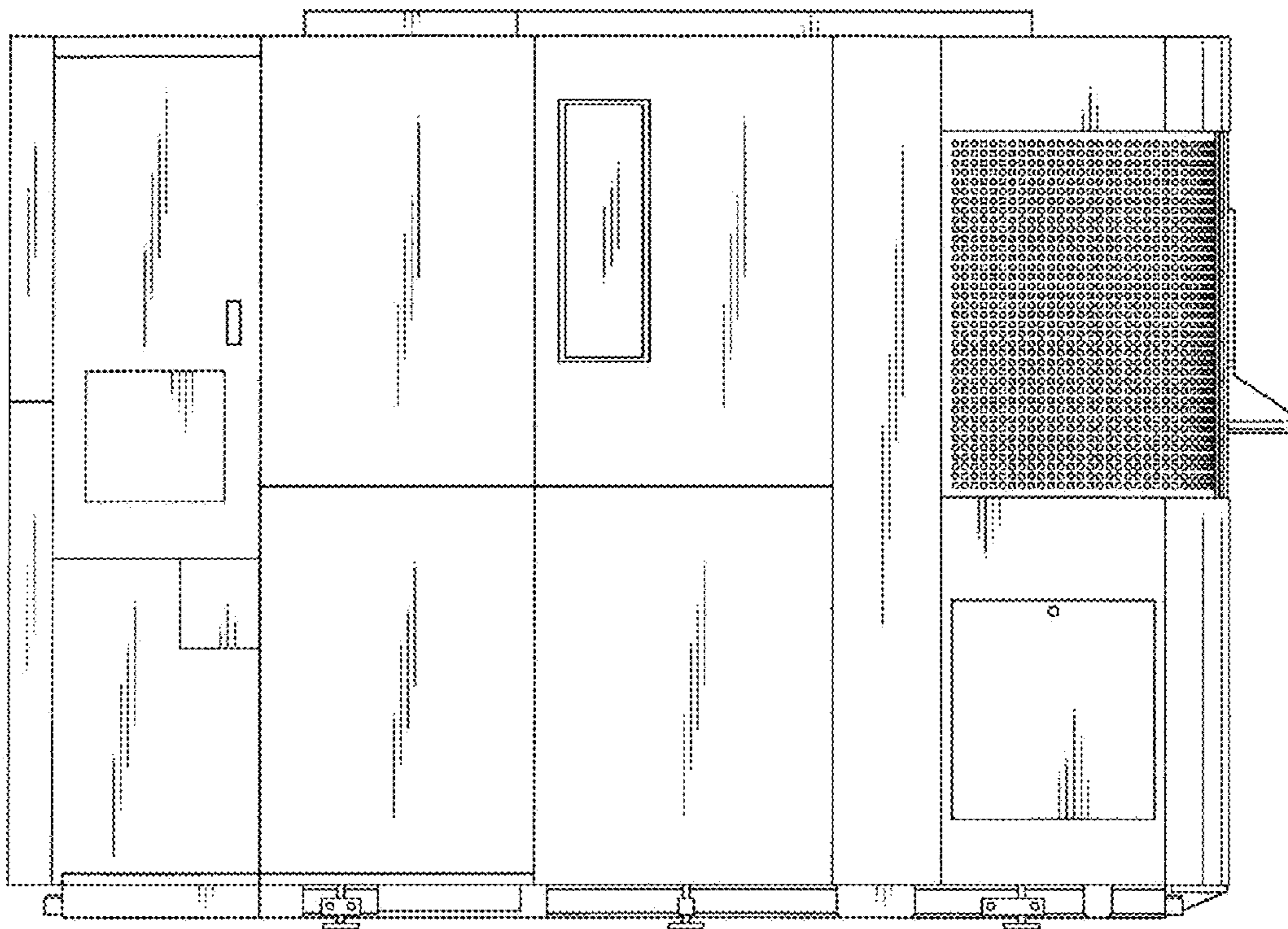


Fig. 5



Fig. 6

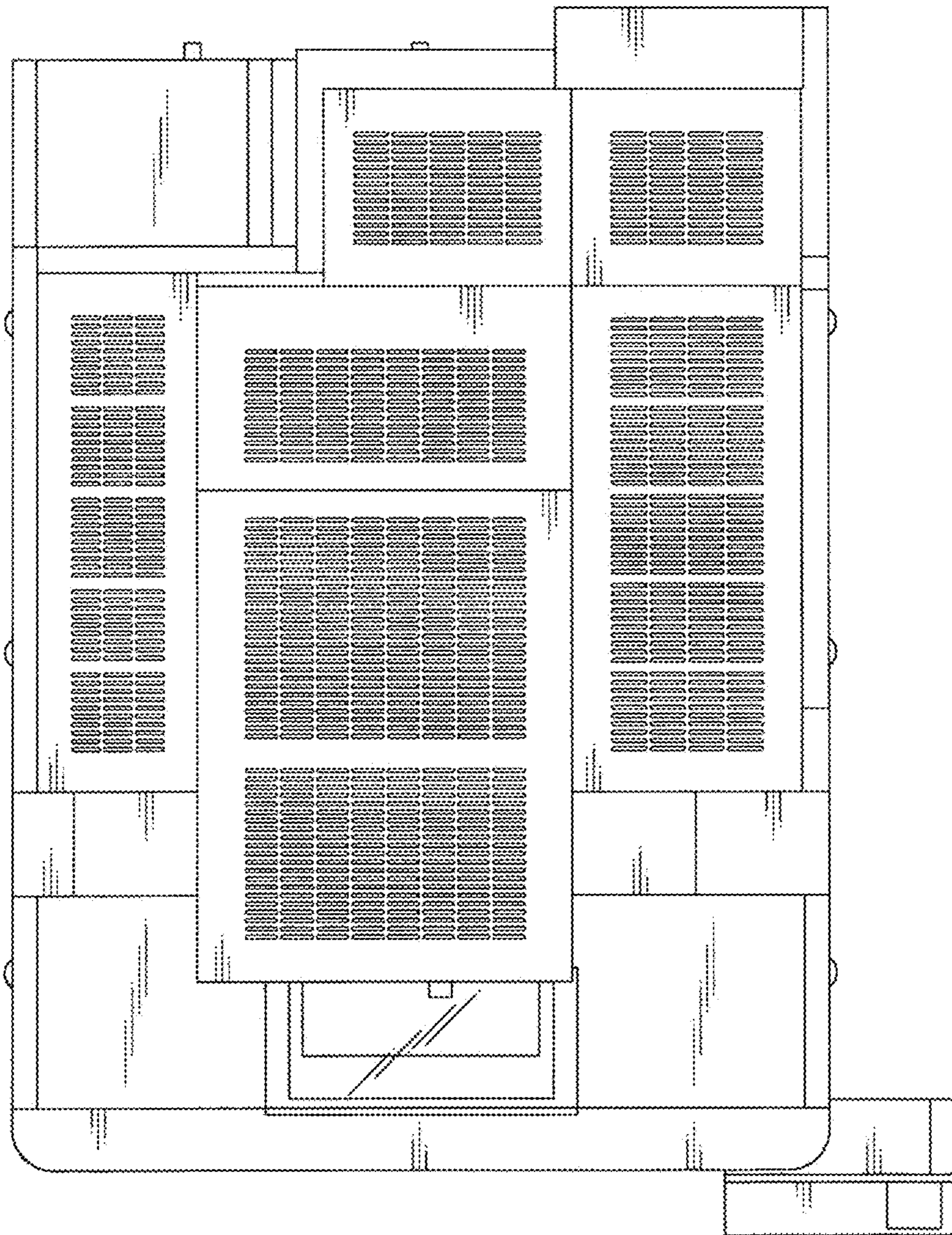


Fig. 7

