



US00D978938S

(12) **United States Design Patent** (10) **Patent No.:** **US D978,938 S**
Nakai (45) **Date of Patent:** **** Feb. 21, 2023**

(54) **WELDING MACHINE**
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(**) Term: **15 Years**

D652,436 S 1/2012 Ostlund
D654,519 S 2/2012 Wujczak
D679,738 S 4/2013 Segala
D752,665 S * 3/2016 Kindig D15/144
D754,626 S 4/2016 Evans
D772,965 S 11/2016 Westlake
D775,250 S 12/2016 Snead
RE46,313 E 2/2017 Johnson
D810,161 S * 2/2018 Snead D15/144
D811,456 S * 2/2018 Dekker D15/144
D812,119 S * 3/2018 Dekker D15/144

(Continued)

(21) Appl. No.: **29/755,758**
(22) Filed: **Oct. 22, 2020**

Related U.S. Application Data

(63) Continuation-in-part of application No. 29/664,542, filed on Sep. 26, 2018, now abandoned.
(51) **LOC (14) Cl.** **15-09**
(52) **U.S. Cl.**
USPC **D15/144**
(58) **Field of Classification Search**
USPC ... D8/14, 34, 36, 41, 98, 29, 29.1, 29.2, 30;
D15/144, 144.1, 144.2, 122, 127;
D13/133
CPC B65B 51/18; B29C 65/18
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D243,459 S 2/1977 Bliss
D377,335 S 1/1997 Katooka
D445,812 S * 7/2001 Shimizu D15/144
D474,738 S 5/2003 Ishii
D475,726 S 6/2003 Suga
D518,078 S 3/2006 Persson
D520,038 S 5/2006 Ljungfeldt
D569,883 S 5/2008 Wang
D569,884 S 5/2008 Shu

FOREIGN PATENT DOCUMENTS

JP 1379449 B2 2/2010

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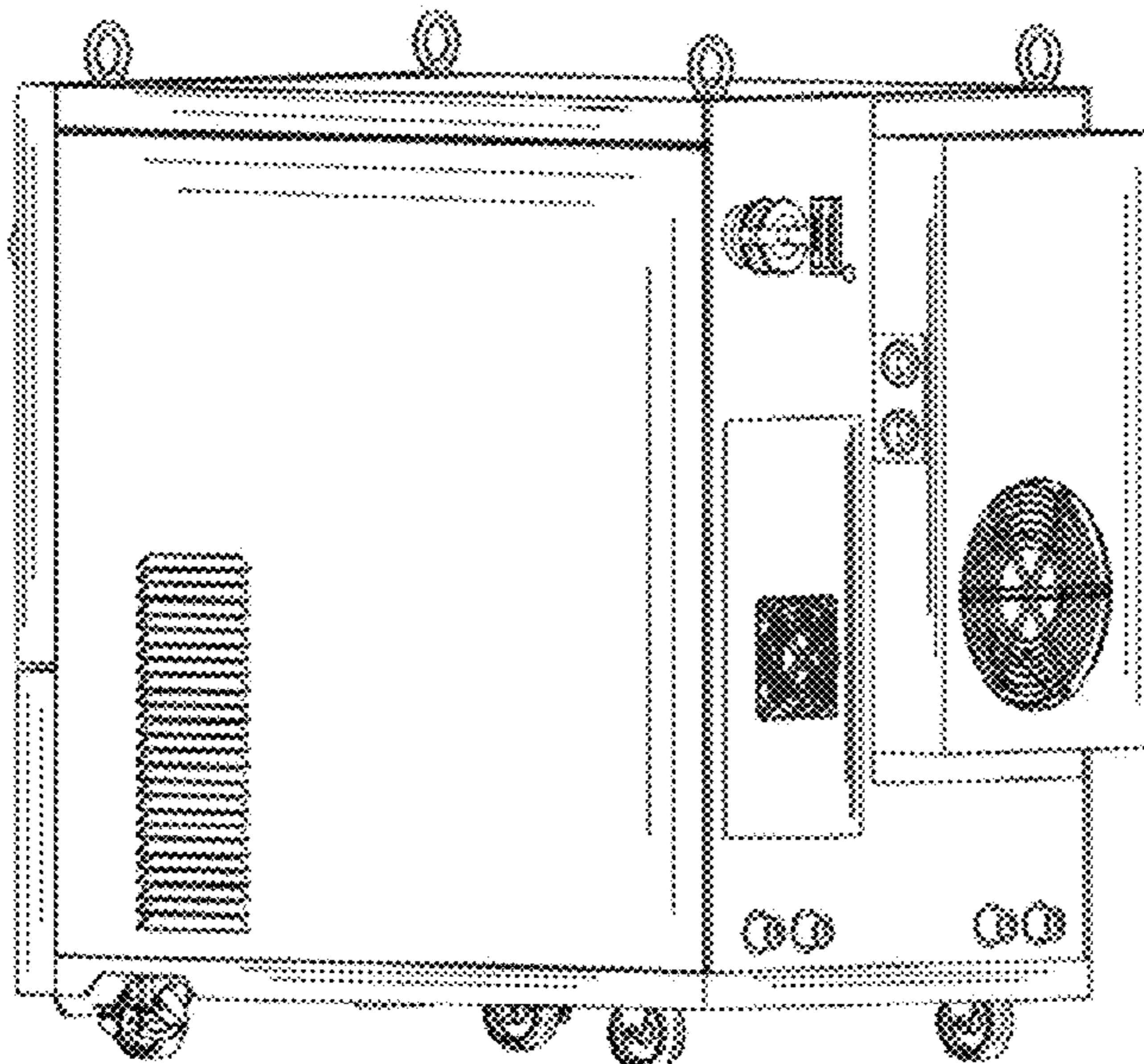
(57) **CLAIM**

I claim the ornamental design for a welding machine, as shown and described.

DESCRIPTION

FIG. 1 is a front view of a welding machine according to the present invention.
FIG. 2 is a left side view of the welding machine of FIG. 1.
FIG. 3 is a top view of the welding machine of FIG. 1.
FIG. 4 is a rear view of the welding machine of FIG. 1.
FIG. 5 is a right side view of the welding machine of FIG. 1.
FIG. 6 is a bottom view of the welding machine of FIG. 1.
FIG. 7 is a perspective view showing the front, left side and bottom of the welding machine of FIG. 1; and,
FIG. 8 is a perspective view showing the top, right side and rear of the welding machine of FIG. 1.
The broken lines show portions of a welding machine which form no part of the claimed design.

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D820,332 S	6/2018	Brusky	
D821,464 S	6/2018	Lin	
D821,465 S	6/2018	Lin	
D821,466 S	6/2018	Lin	
D821,467 S	6/2018	Lin	
D827,687 S	9/2018	Lin	
D827,688 S	9/2018	Lin	
D829,788 S	10/2018	Lin	
D836,146 S	12/2018	Lin	
D839,328 S	1/2019	Lin	
D844,035 S	3/2019	Hruska	
D844,561 S	3/2019	Gou	
D849,809 S	5/2019	Hruska	
D853,457 S	7/2019	Lin	
D853,458 S	7/2019	Lin	
D854,593 S	7/2019	Shu	
D855,092 S	7/2019	Shu	
D860,276 S	9/2019	Lin	
D862,544 S	10/2019	Lin	
D862,545 S	10/2019	Lin	
D868,126 S	11/2019	Shu	
D884,042 S *	5/2020	Shu	D15/144
D884,758 S *	5/2020	Shu	D15/144
D907,080 S *	1/2021	Shu	D15/144
D940,218 S *	1/2022	Thompson	D15/144

* cited by examiner

FIG. 1

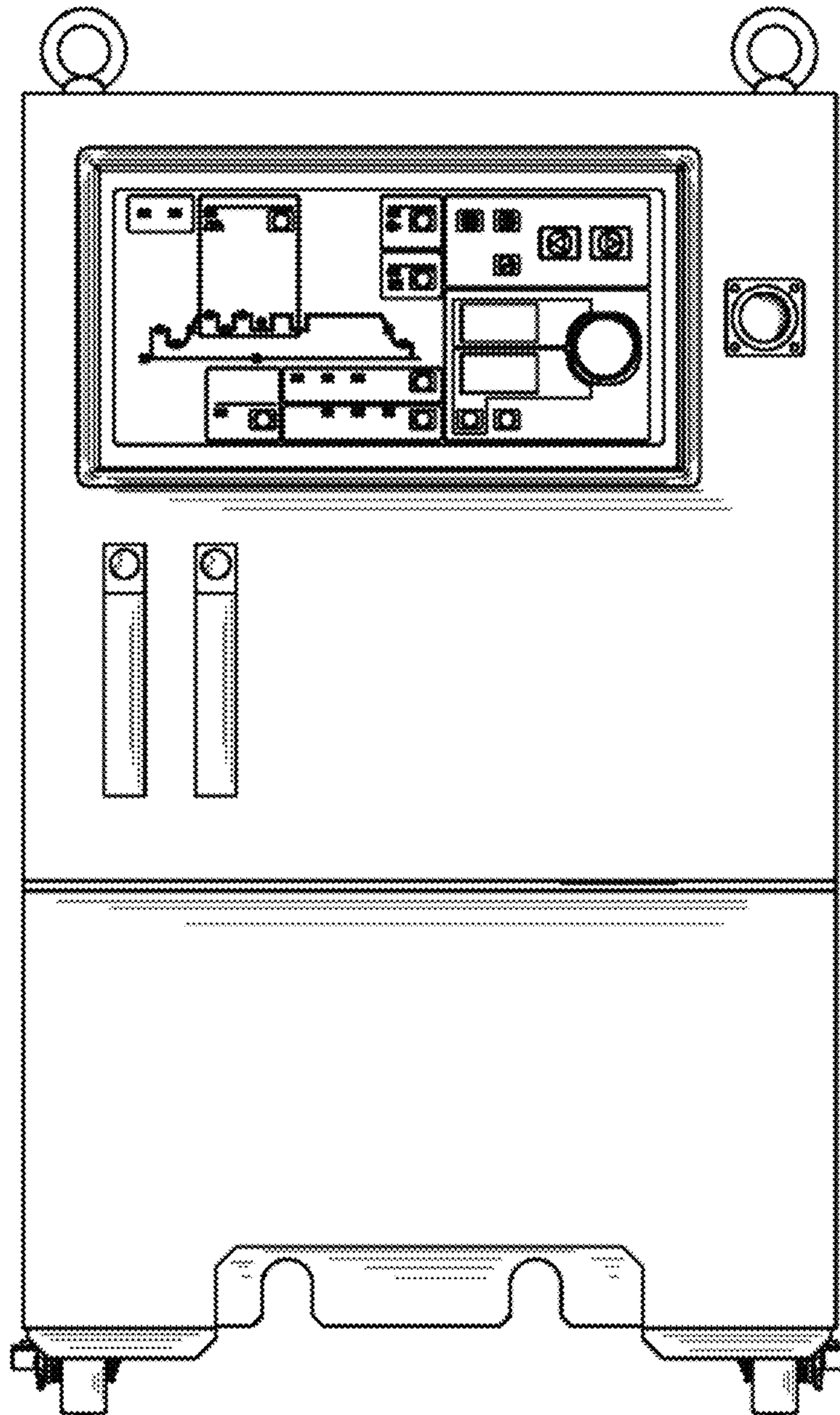


FIG.2

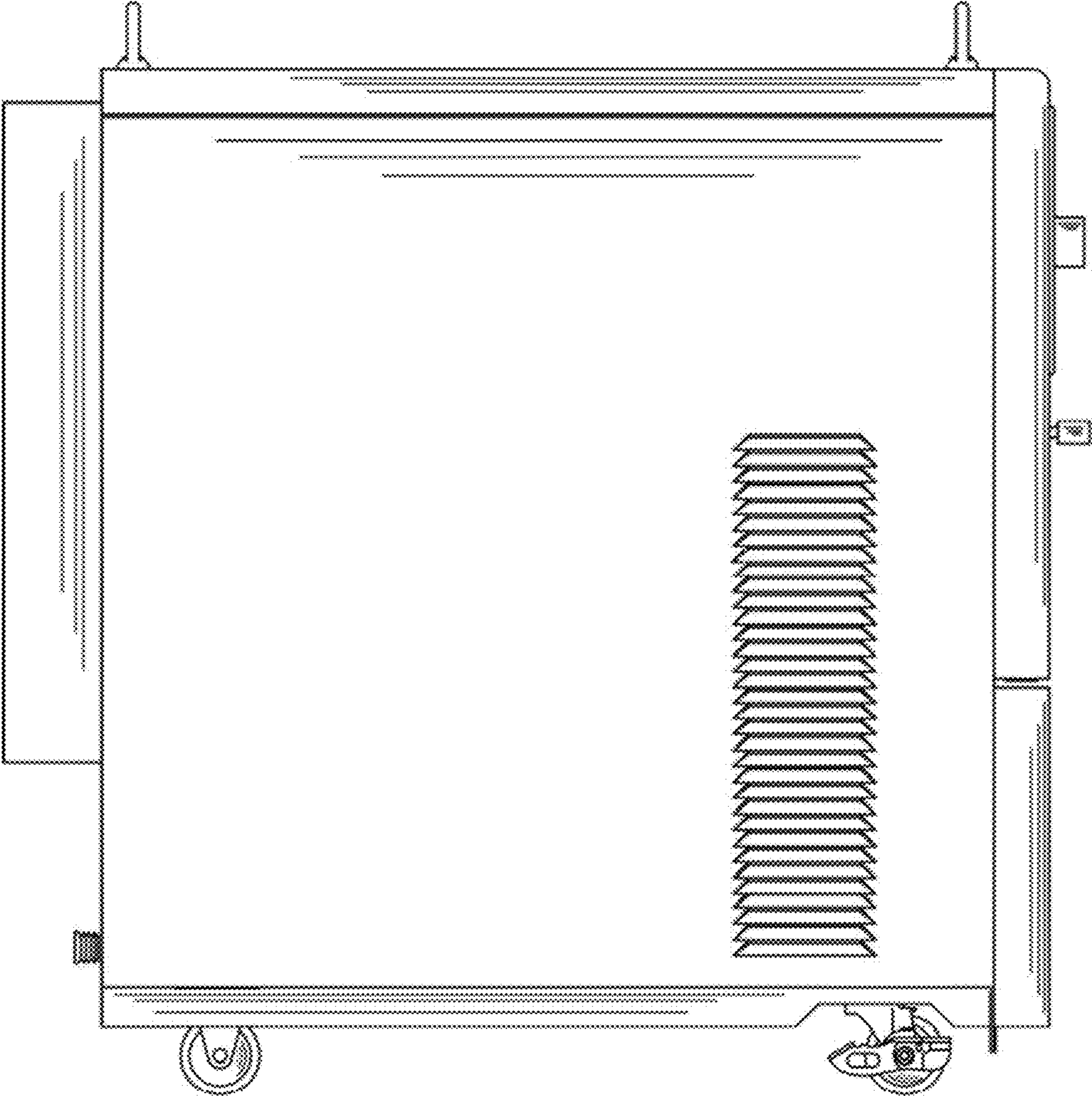


FIG. 3

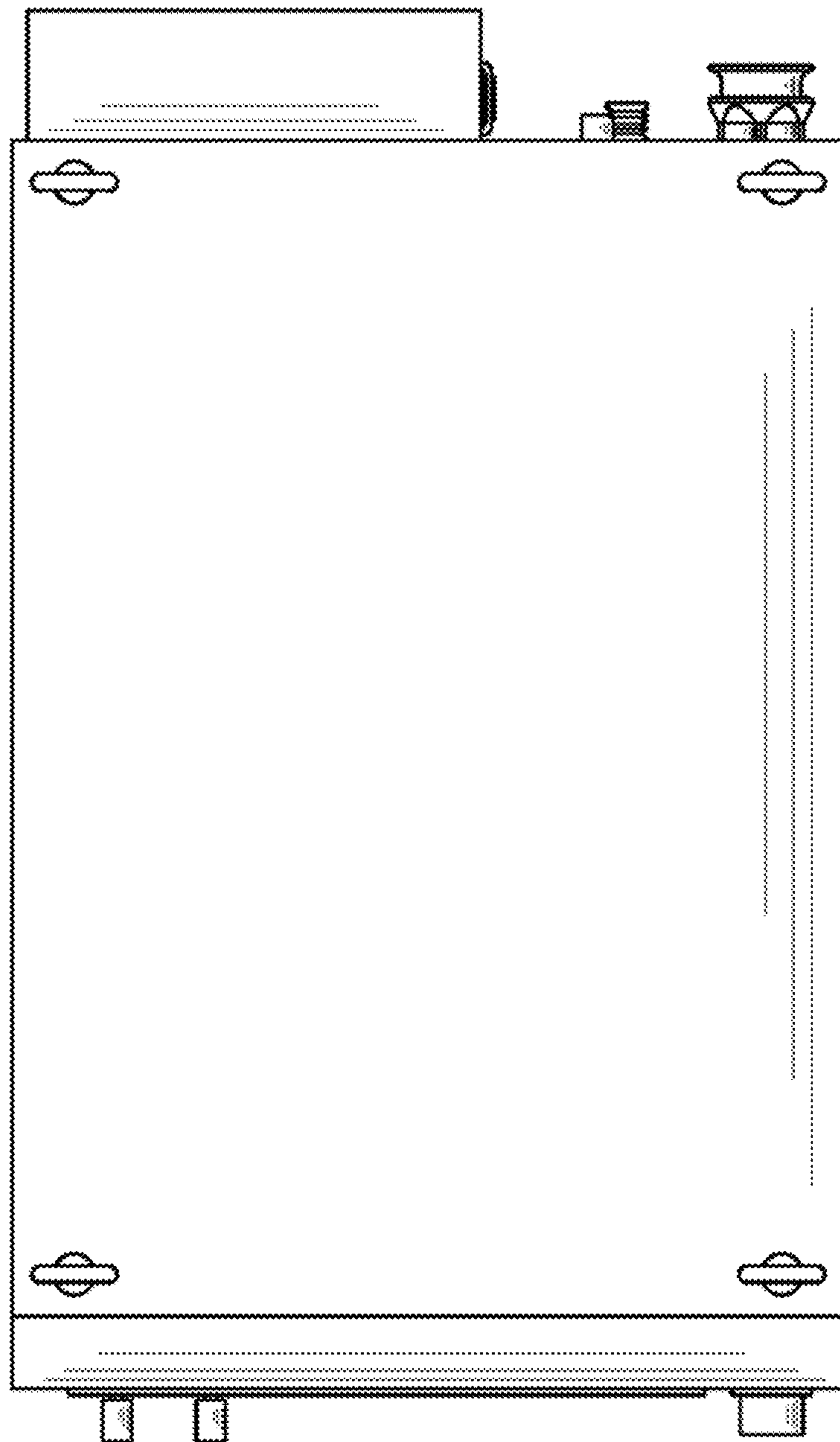


FIG.4

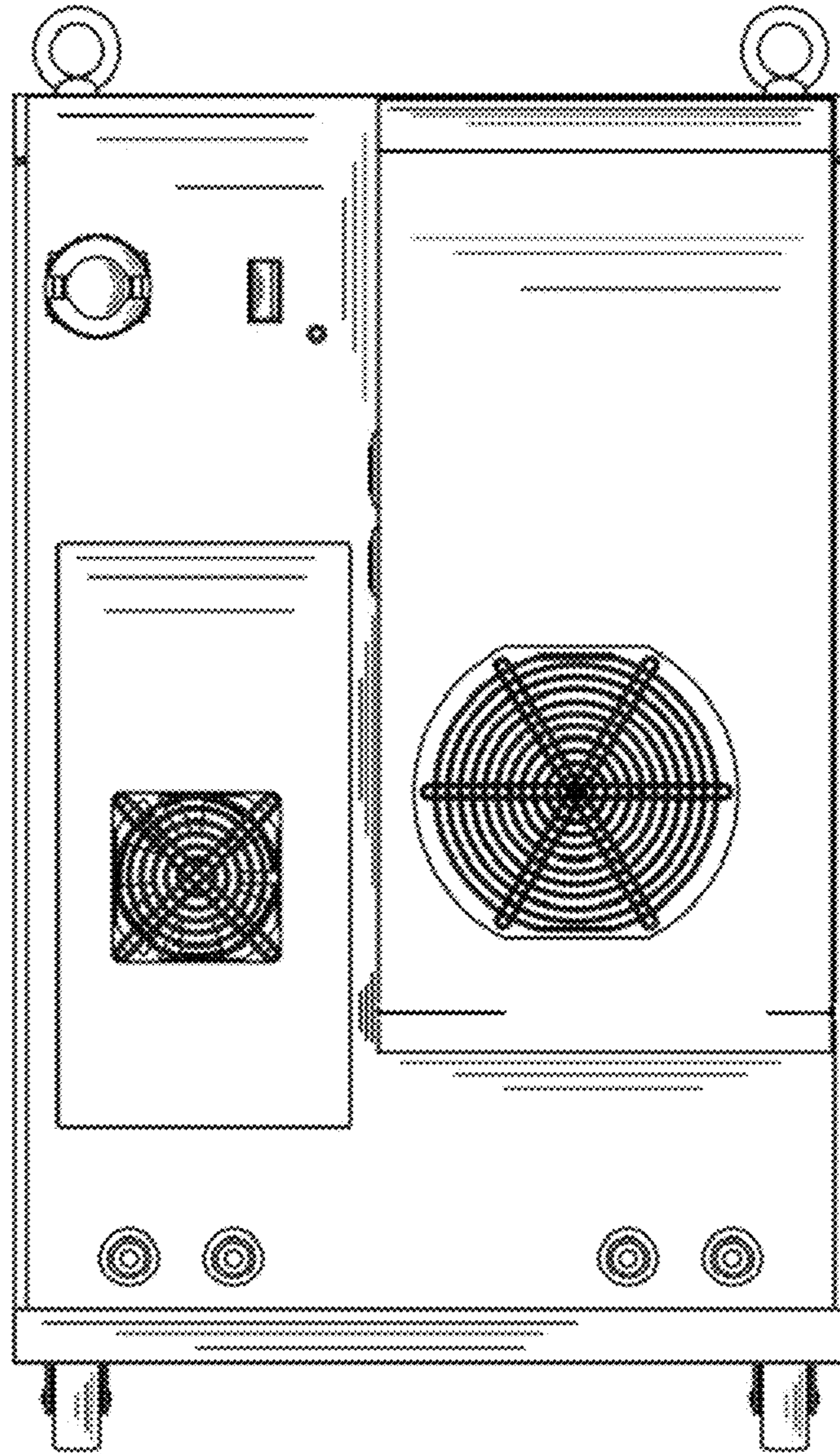


FIG. 5

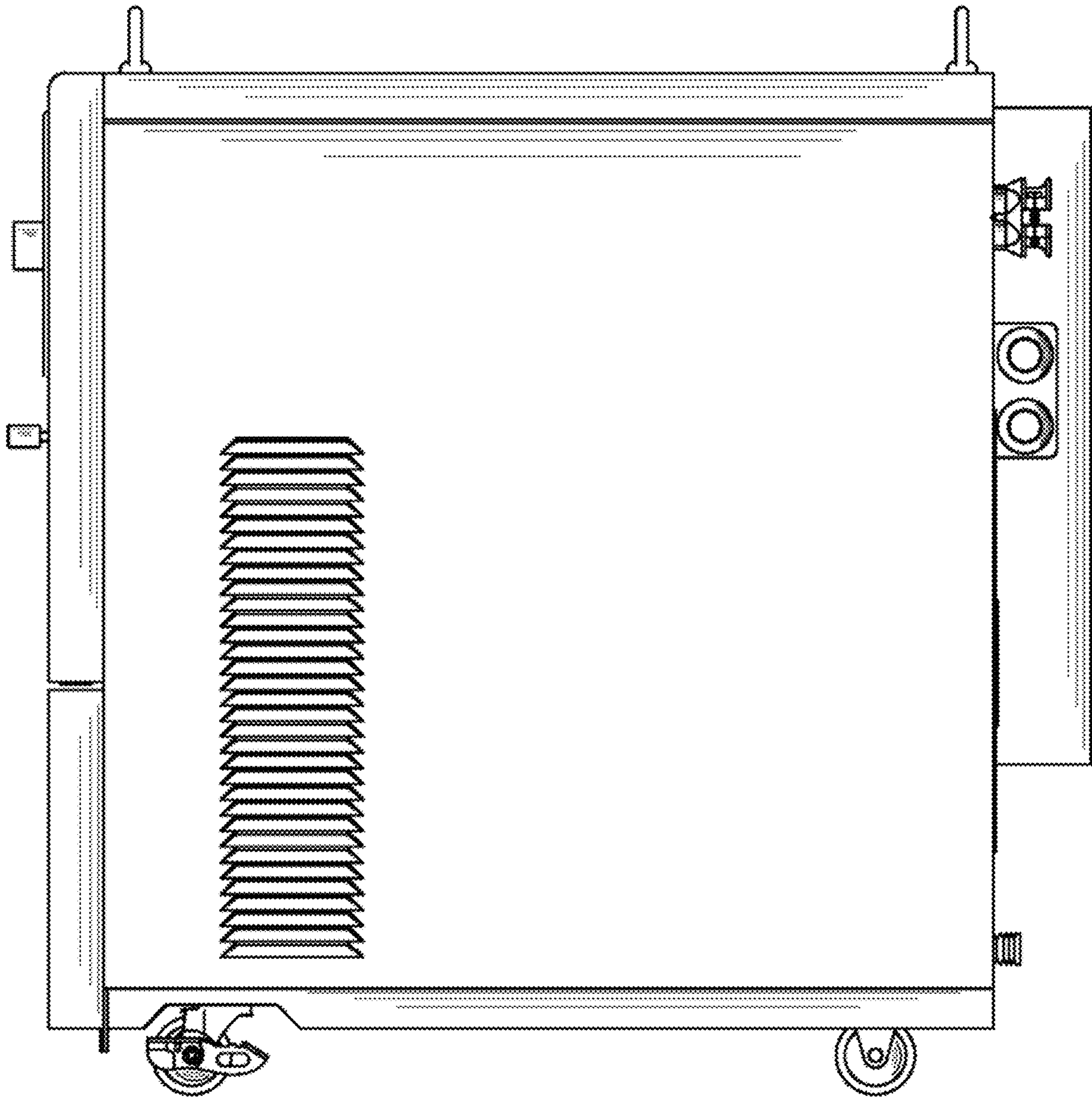


FIG. 6

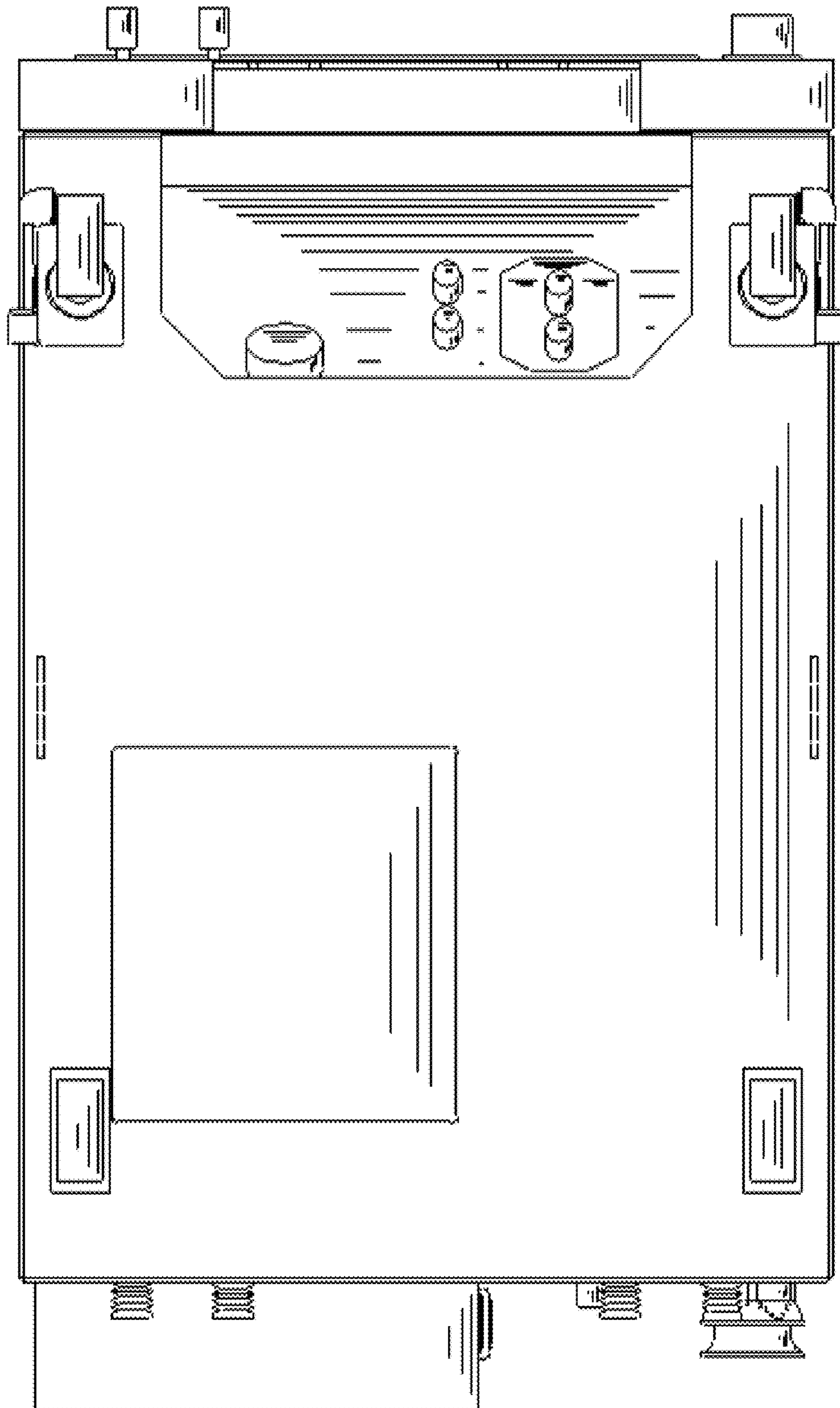


Fig. 7

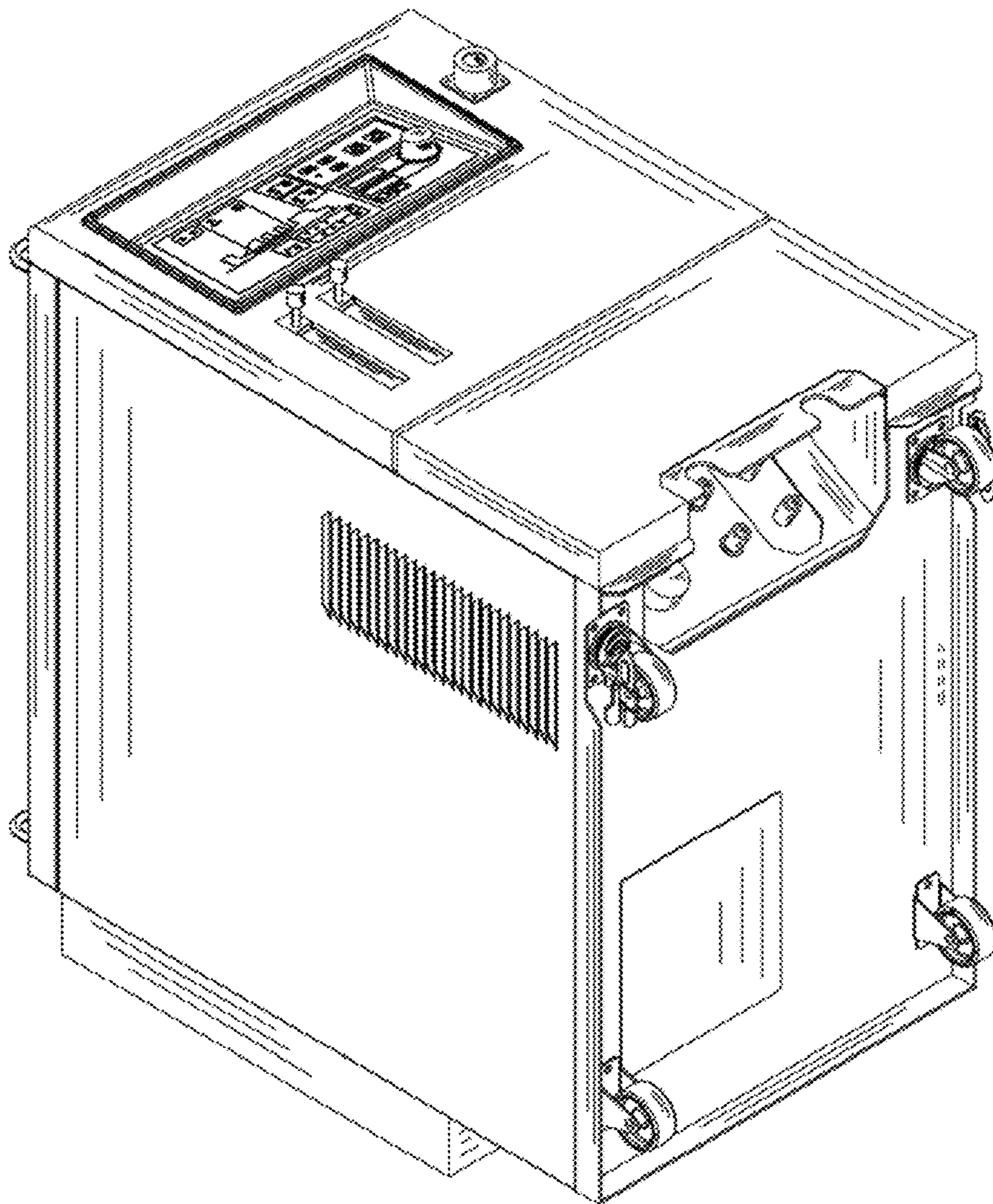


Fig. 8

