

US0D1017788S

(12)

United States Design Patent

Pinto de Almeida et al.

(10) Patent No.:

US D1,017,788 S

(45) Date of Patent:

** Mar. 12, 2024

(54) AIR DEHUMIDIFIER

(71) Applicant: Gonfrio, Indústria de Frio, S.A.,
Fânzeres (PT)

(72) Inventors: David André Pinto de Almeida,
Fânzeres (PT); José Manuel Marques
Monteiro, Fânzeres (PT); Tiago
Fernandes Teixeira, Fânzeres (PT)

(73) Assignee: Gonfrio, Indústria de Frio, S.A.,
Fânzeres (PT)

(**) Term: 15 Years

(21) Appl. No.: 35/514,158

(22) Filed: Nov. 23, 2021

(80) Hague Agreement Data

Int. Filing Date: Nov. 23, 2021

Int. Reg. No.: DM/220264

Int. Reg. Date: Nov. 23, 2021

Int. Reg. Pub. Date: Apr. 29, 2022

(51) LOC (14) Cl. 23-04

(52) U.S. Cl.
USPC D23/359

(58) Field of Classification Search
USPC D23/355–366, 352, 369, 332, 333, 335,
D23/336, 342, 351
CPC .. A61L 9/16; A61L 9/22; B01D 47/00; B01D
47/027; B01D 2221/02; B01D 2259/4508;
B03C 3/155; B03C 3/368; F24F 3/16;
F24F 13/20; F24F 13/28

See application file for complete search history.

(56) References Cited	
U.S. PATENT DOCUMENTS	
D294,291 S *	2/1988 Albritton D23/342
D337,592 S *	7/1993 Hider D23/335
D350,191 S *	8/1994 Tsuji D23/351
D419,230 S *	1/2000 Ciccone D23/351
D450,820 S *	11/2001 Breshears D23/342
D508,735 S *	8/2005 Klein D23/359
D634,414 S *	3/2011 Wolfe D23/359
D678,494 S *	3/2013 Wolfe D23/359
D769,432 S *	10/2016 Dingle D23/359
D850,593 S *	6/2019 Petersen D23/333
D853,543 S *	7/2019 Giallombardo D23/359
D861,146 S *	9/2019 Dingle D23/359
D886,270 S *	6/2020 Walton D23/359
D891,593 S *	7/2020 Wilson D23/342
D896,936 S *	9/2020 Ou D23/333
D917,032 S *	4/2021 Nakagawa D23/333
D928,931 S *	8/2021 Lyu D23/364
D945,584 S *	3/2022 Li D23/359

* cited by examiner

Primary Examiner — David G Muller

(74) Attorney, Agent, or Firm — Rivka Friedman

(57) CLAIM

The ornamental design for the air dehumidifier, as shown.

DESCRIPTION

FIG. 4.1 is a perspective front view of an air dehumidifier showing our design;

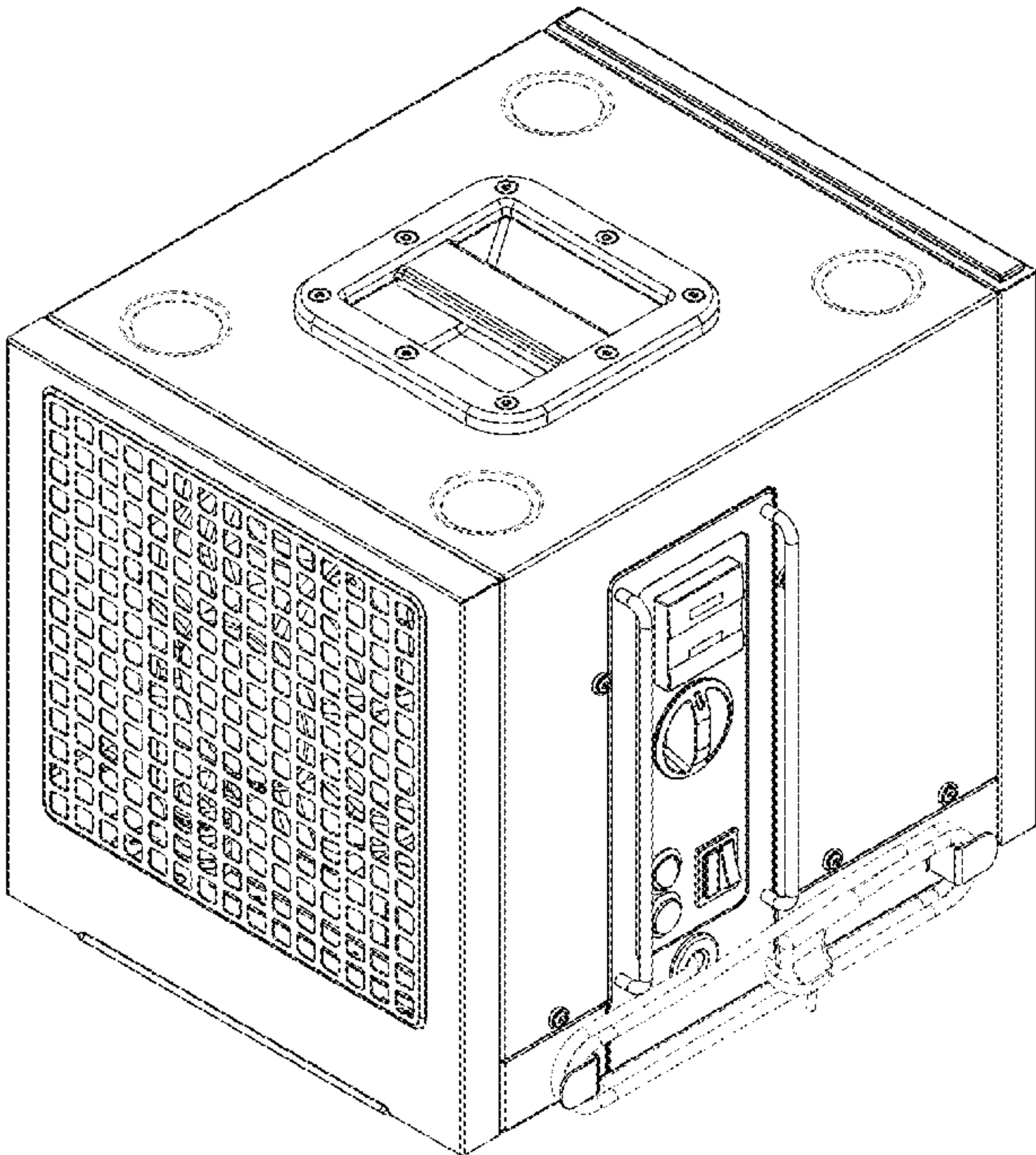
FIG. 4.2 is a perspective back view thereof;

FIG. 4.3 is a left view thereof; and

FIG. 4.4 is a front view thereof.

The broken lines in the Figures show portions of the air dehumidifier, which form no part of the claimed design.

1 Claim, 4 Drawing Sheets



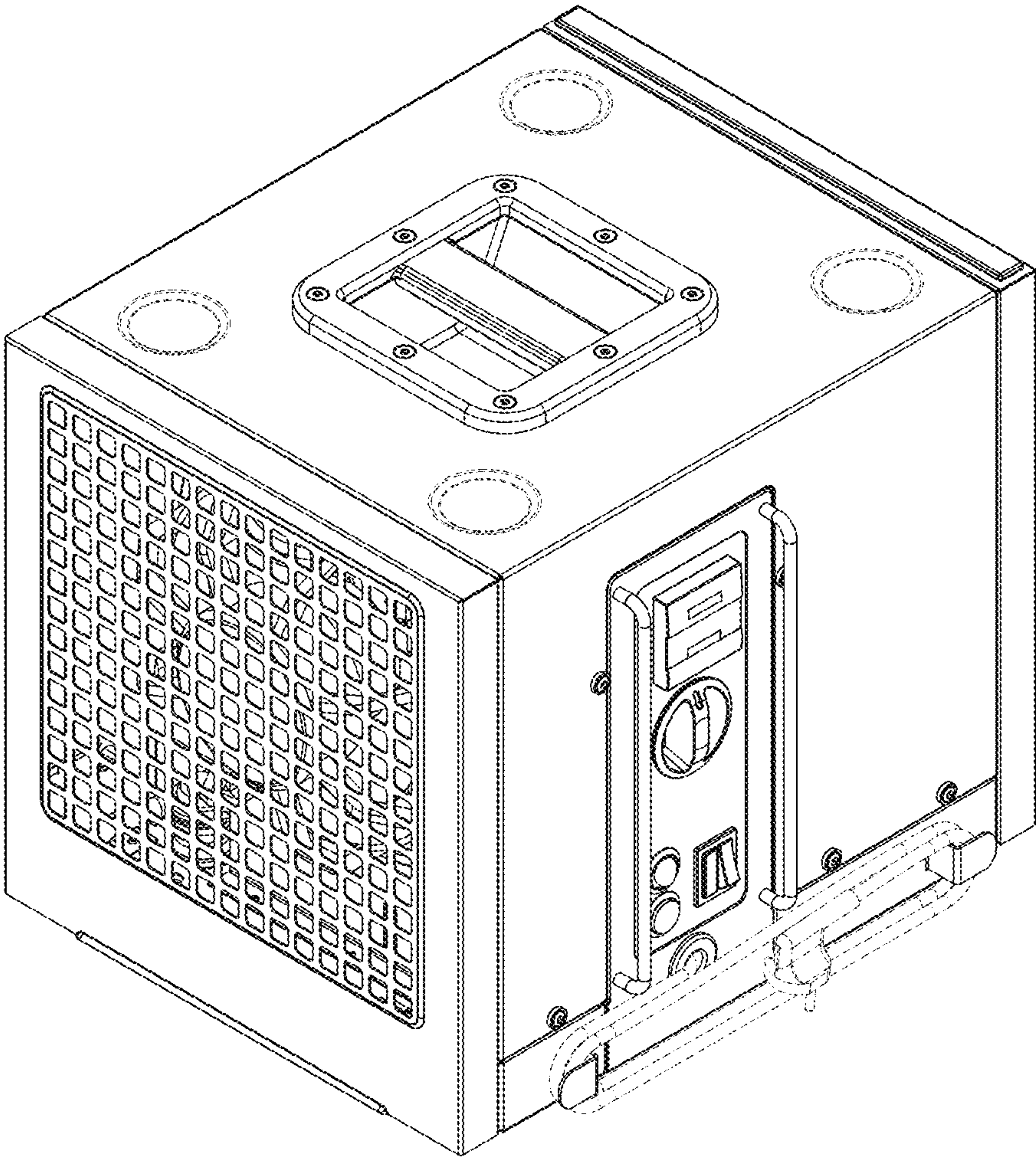


FIG. 4.1

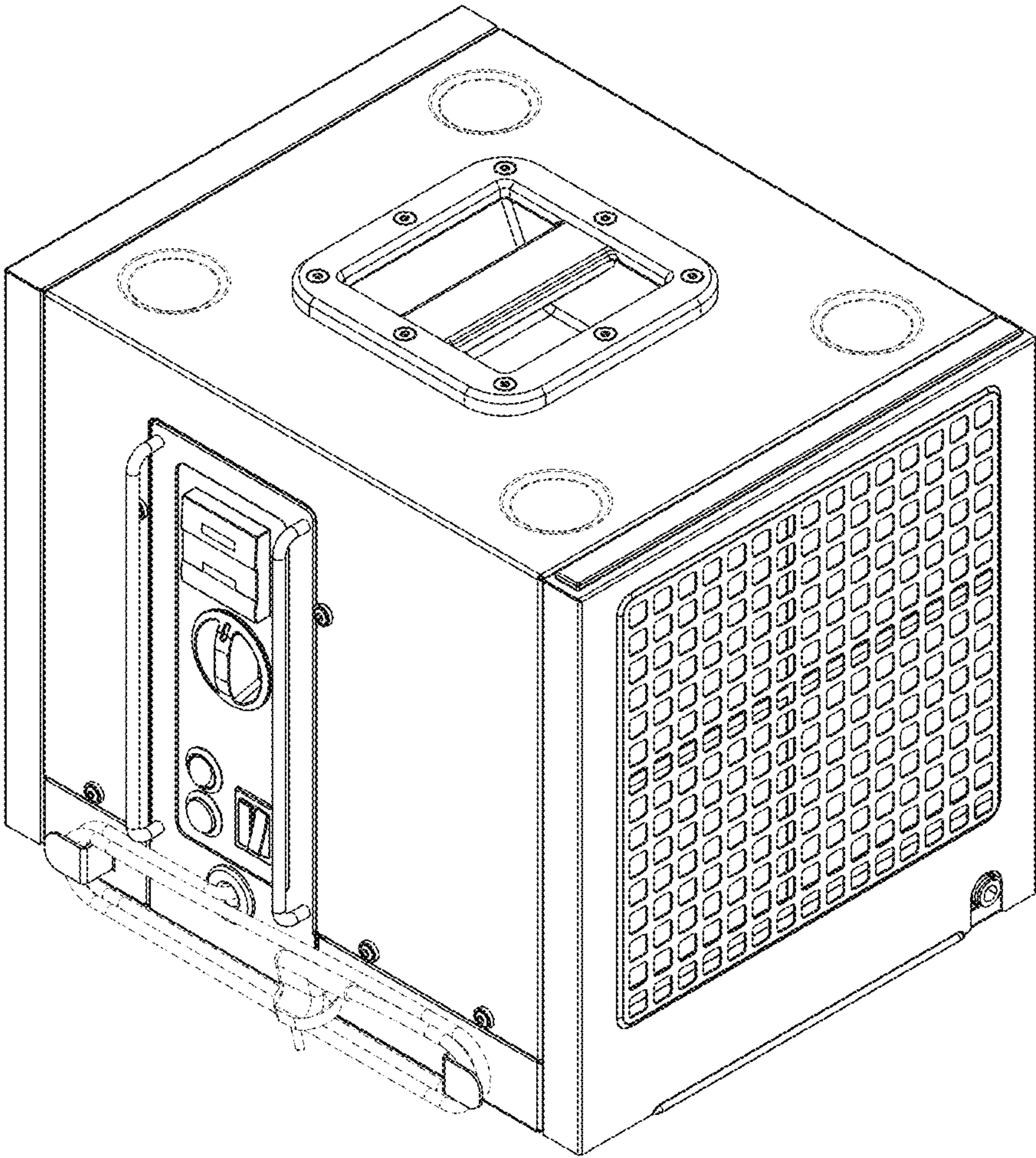


FIG. 4.2

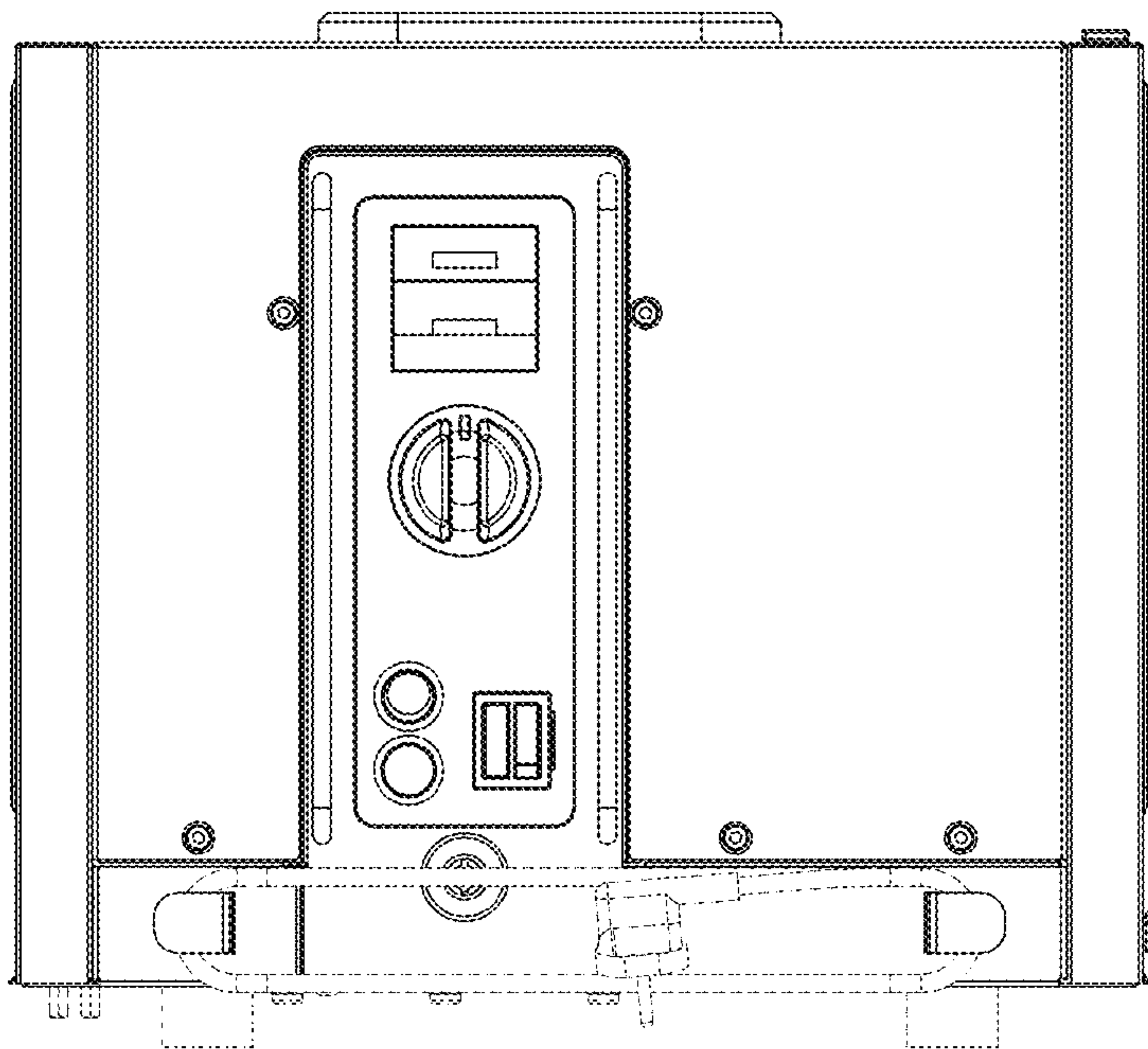


FIG. 4.3

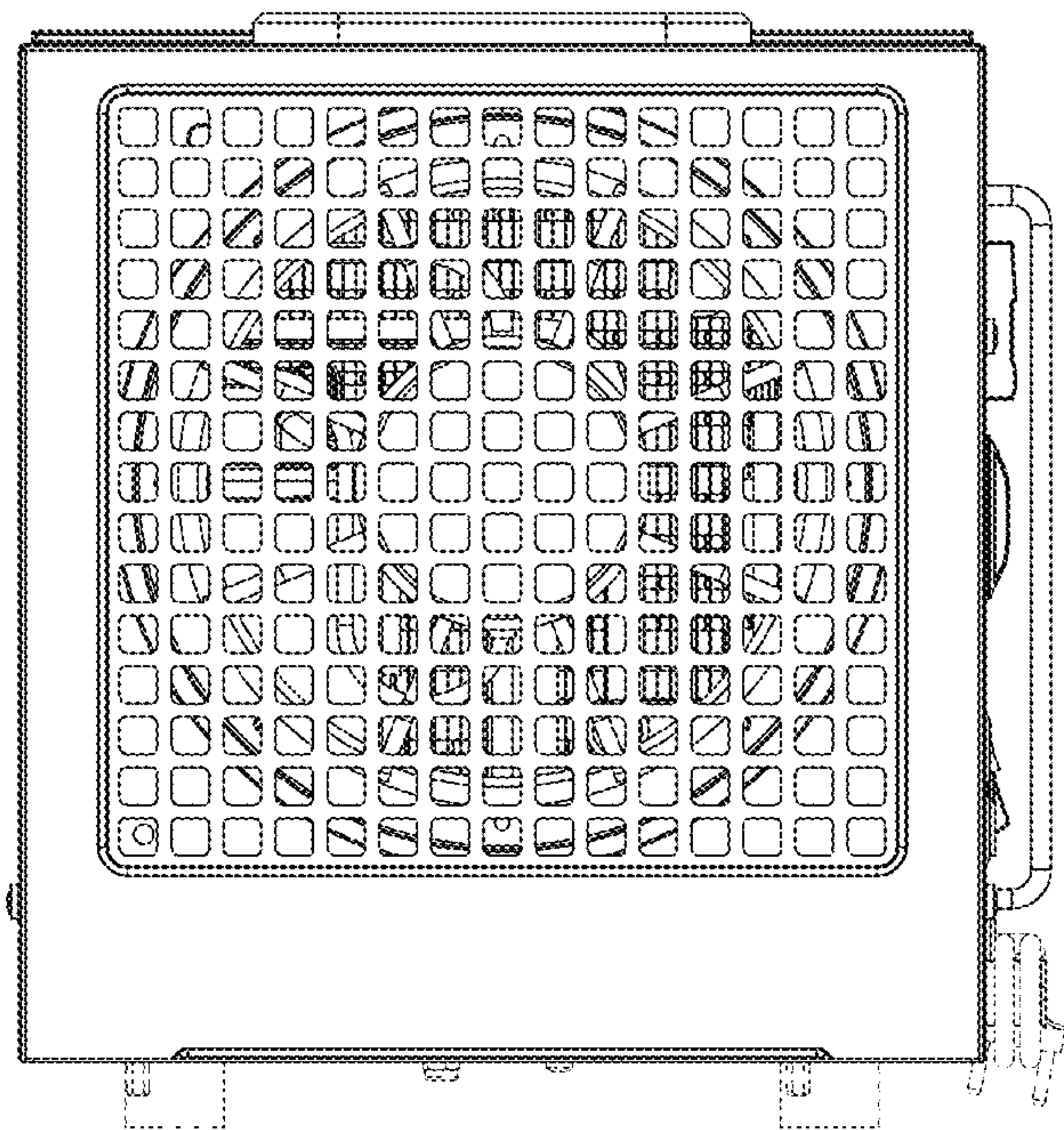


FIG. 4.4