



US0D1049346S

(12)

United States Design Patent

Campbell et al.

(10)

Patent No.:

US D1,049,346 S

(45)

Date of Patent:

\*\* Oct. 29, 2024

(54) AIR FILTRATION DEVICE

(71) Applicant: DSS PureAir, Inc., West Henrietta, NY (US)

(72) Inventors: Neil Campbell, Woodbine, MD (US);  
Iyam Lynch, Winston-Salem, NC (US);  
Michelle Campbell, Pittsburgh, PA (US)

(73) Assignee: DSS Pure Air, Inc., West Henrietta, NY (US)

A61L 2209/11; A61L 2209/14; A61L 2209/133; A61L 2209/134; F24F 1/02; F24F 1/0007; F24F 1/0067; F24F 1/0071; F24F 1/008; F24F 1/0083; F24F 1/0087; F24F 1/0328; F24F 1/0355; F24F 1/0358; F24F 5/00; F24F 6/00; F24F 6/02; F24F 6/12; F24F 7/003; F24F 8/00; F24F 8/10; F24F 8/20; F24F 8/30; F24F 8/40; F24F 8/50; F24F 8/183; F24F 13/082; F24F 13/084; F24F 13/085; Y10S 261/03; Y10S 261/04; Y10S

(Continued)

(\*\*) Term: 15 Years

(21) Appl. No.: 29/923,541

(22) Filed: Dec. 29, 2023

Related U.S. Application Data

(62) Division of application No. 29/856,710, filed on Oct. 17, 2022, now Pat. No. Des. 1,010,090, which is a (Continued)

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

(52) U.S. Cl. USPC D23/365

(58) Field of Classification Search  
USPC D14/188, 204, 228, 240, 348, 358; D24/110, 129, 162, 209, 210, 217; D23/209, 324, 325, 332–336, 341, D23/351–370, 393; D26/26, 49, 51, 104, D26/110, 112; D28/91.1; D12/415, 420; D11/81, 131.1, 143–154; D3/211, 207, D3/208, 210, 269; D9/415, 416, 419, D9/420, 421, 424, 425, 426, 431, 521, D9/534, 695–699, 756, 761; D8/354, D8/355, 356, 367, 368, 382; D22/125  
CPC A61L 9/00; A61L 9/03; A61L 9/032; A61L 9/035; A61L 9/04; A61L 9/05; A61L 9/12; A61L 9/14; A61L 9/20; A61L 9/22; A61L 9/012; A61L 9/015; A61L 9/048; A61L 9/122; A61L 9/127; A61L 9/205;

(56) References Cited

U.S. PATENT DOCUMENTS

D578,632 S \* 10/2008 Chen D23/364  
D618,328 S \* 6/2010 Chan D23/364

(Continued)

Primary Examiner — Gino Colan  
Assistant Examiner — David Obrien  
(74) Attorney, Agent, or Firm — Remenick PLLC

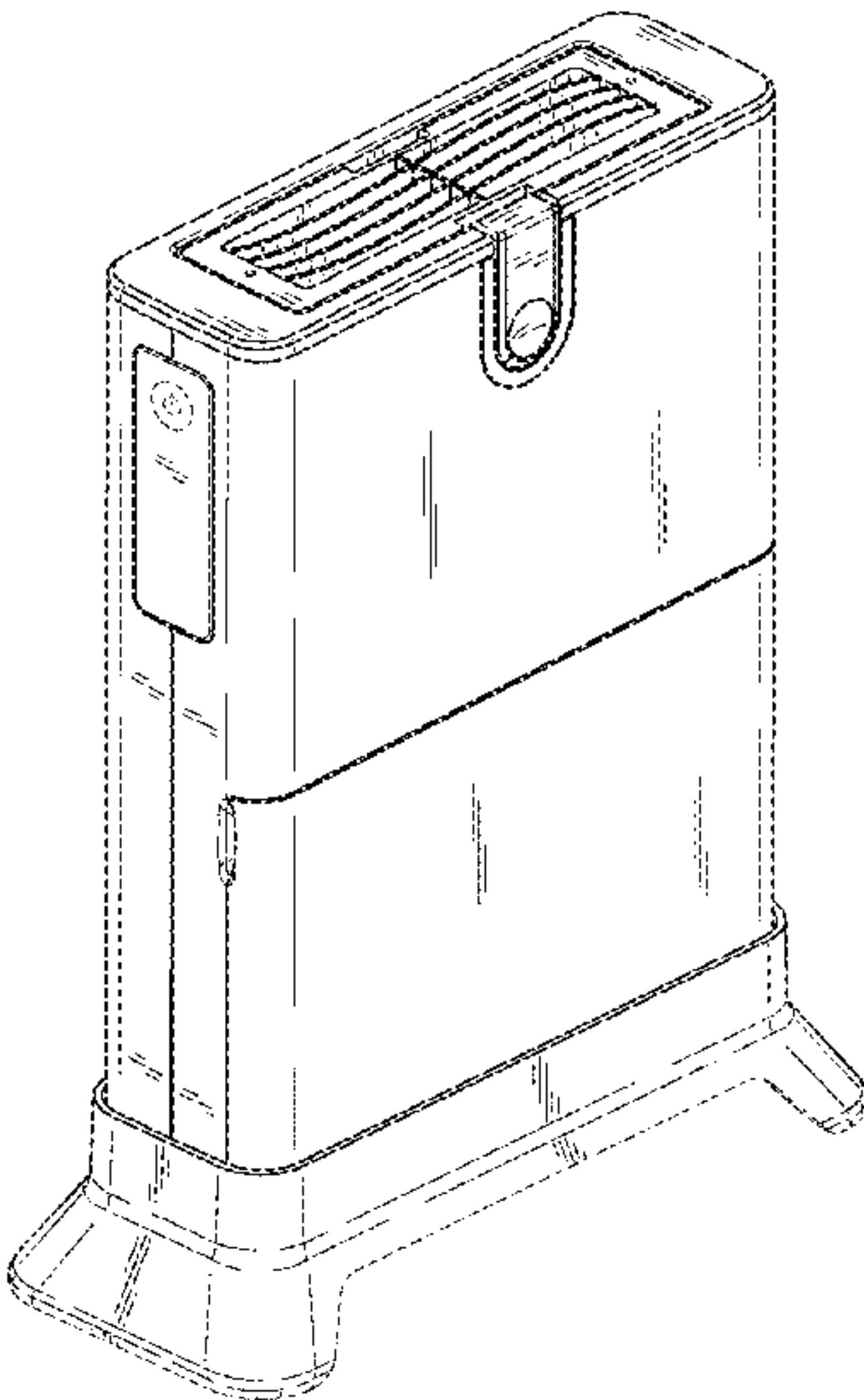
(57) CLAIM

The ornamental design for an air filtration device as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of an air filtration device; FIG. 2 is a bottom perspective view thereof; FIG. 3 is a front view thereof; FIG. 4 is a rear view thereof; FIG. 5 is a right side view thereof; FIG. 6 is a left side view thereof; FIG. 7 is a top view thereof; and, FIG. 8 is a bottom view thereof.  
The broken lines shown represent unclaimed portions of the air filtration device and form no part of the claimed design.

1 Claim, 6 Drawing Sheets





Related U.S. Application Data

division of application No. 29/737,154, filed on Jun. 5, 2020, now Pat. No. Des. 967,383.

(58) Field of Classification Search

CPC .... 261/17; Y10S 261/31; Y10S 261/42; Y10S 261/43; Y10S 261/65; Y10S 261/88; Y10S 261/89; A61G 17/00; A61G 17/08; E04H 13/006; E04H 13/008; B60H 3/00; B60H 3/0007; B60H 3/0014; B60H 3/0028; G09F 3/04; A44B 15/00; B01D 46/00; B01D 46/0009; B01D 46/0012; B01D 46/0013; B01D 46/0015; B01D 46/0017; B01D 46/0027; B01D 46/0035; B01D 46/0036; B01D 46/0047; B01D 46/10

See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

|            |    |   |         |          |       |              |
|------------|----|---|---------|----------|-------|--------------|
| D891,596   | S  | * | 7/2020  | Choi     | ..... | D23/364      |
| 10,870,076 | B1 | * | 12/2020 | Lynch    | ..... | B01D 46/0036 |
| 10,926,209 | B1 | * | 2/2021  | Lynch    | ..... | B01D 46/0013 |
| D933,180   | S  | * | 10/2021 | Chen     | ..... | D23/333      |
| D953,505   | S  | * | 5/2022  | Pan      | ..... | D23/364      |
| D967,380   | S  | * | 10/2022 | Campbell | ..... | D23/365      |
| D967,383   | S  | * | 10/2022 | Campbell | ..... | D23/365      |
| D995,746   | S  | * | 8/2023  | Shan     | ..... | D23/370      |
| D1,010,090 | S  | * | 1/2024  | Campbell | ..... | D23/365      |

\* cited by examiner



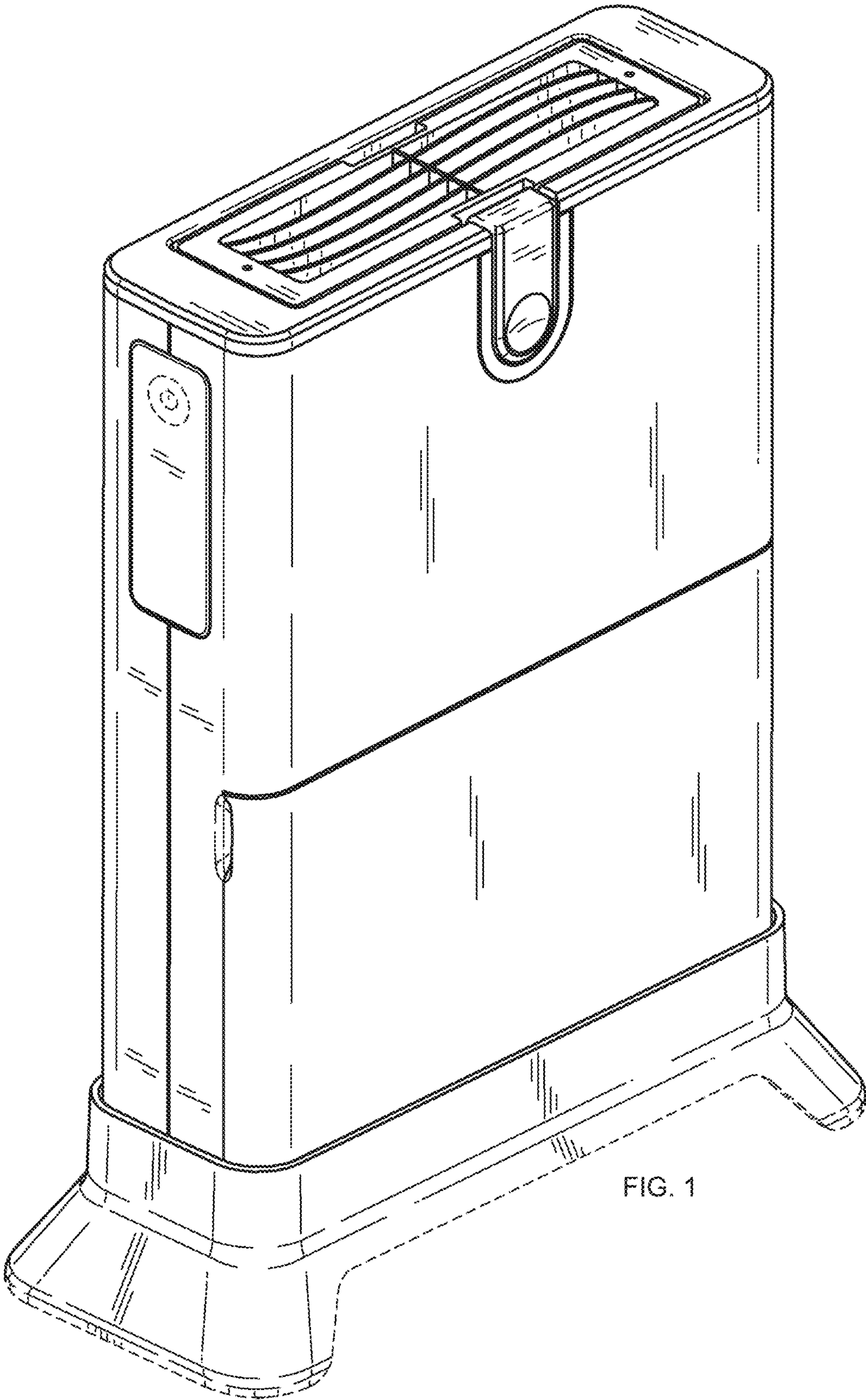


FIG. 1



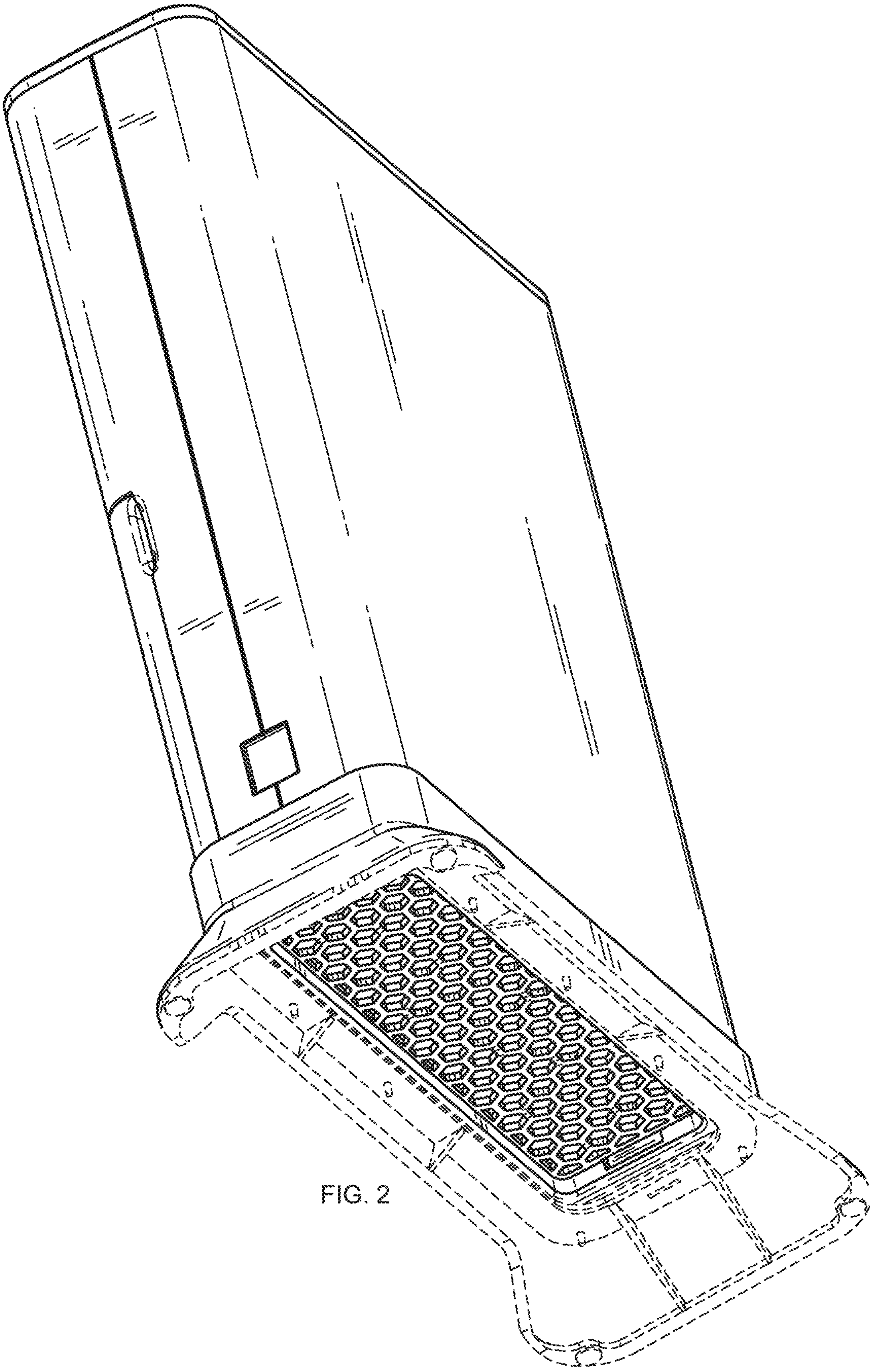


FIG. 2



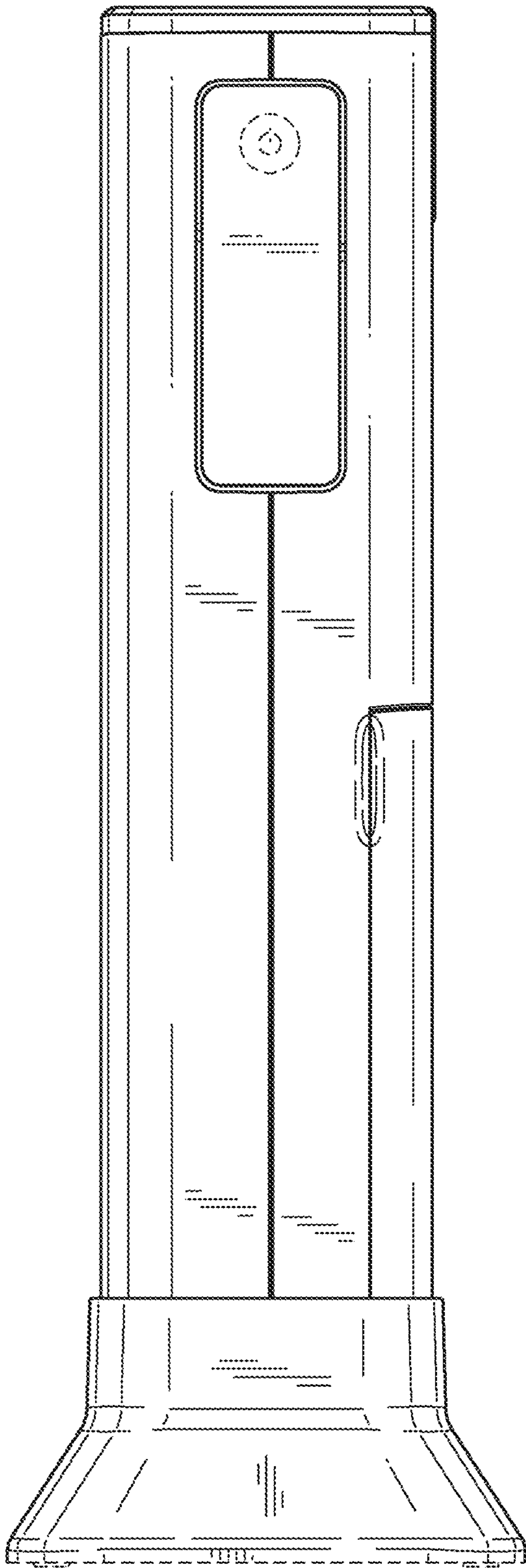


FIG. 3

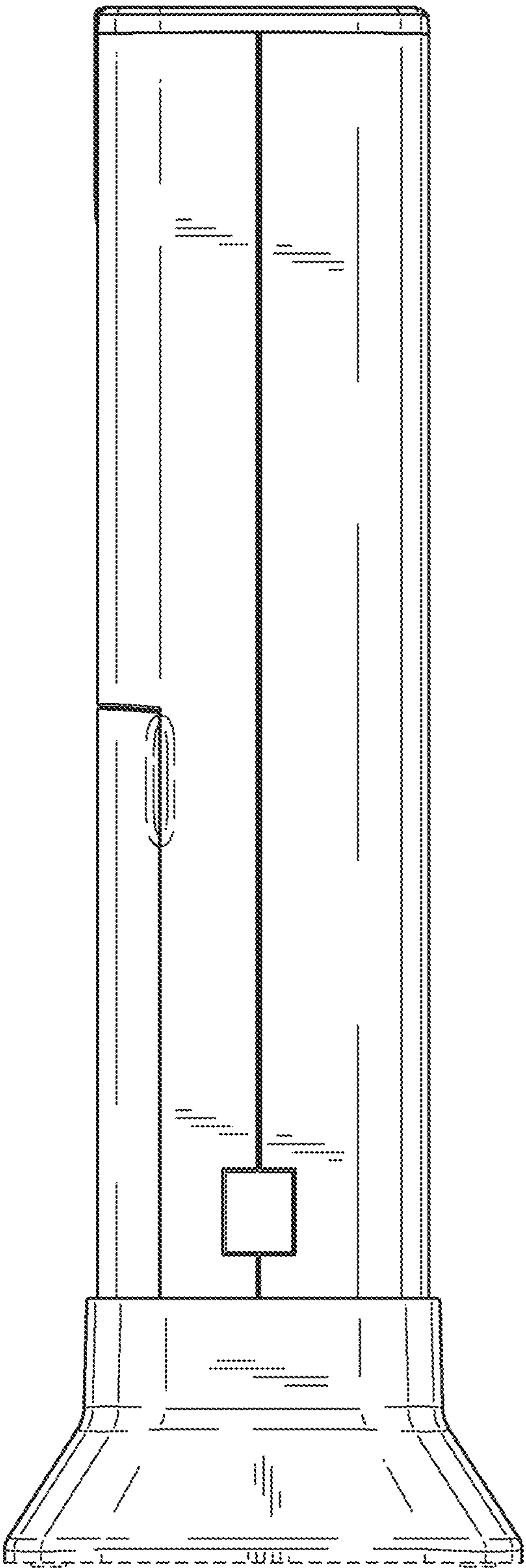


FIG. 4



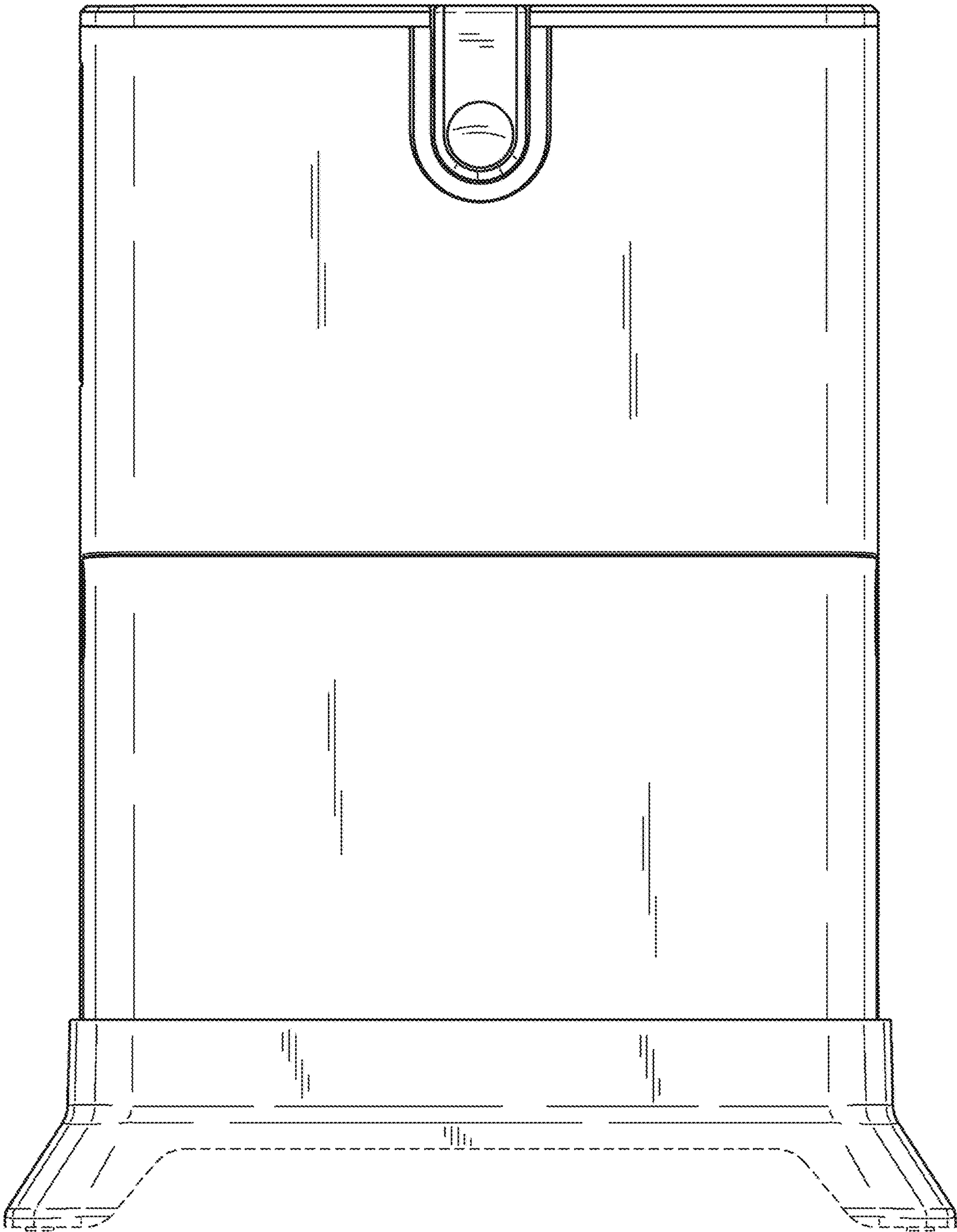


FIG. 5



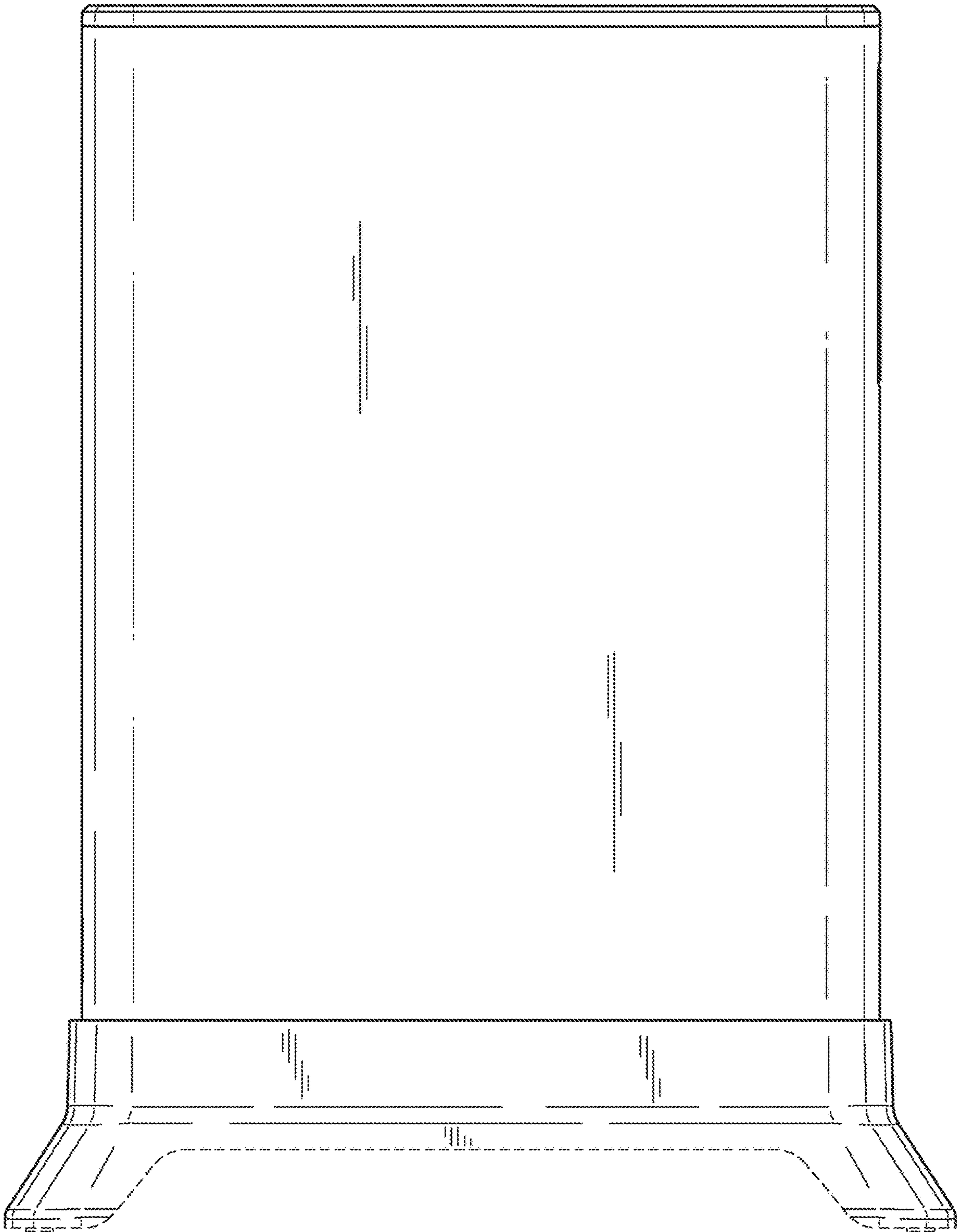


FIG. 6



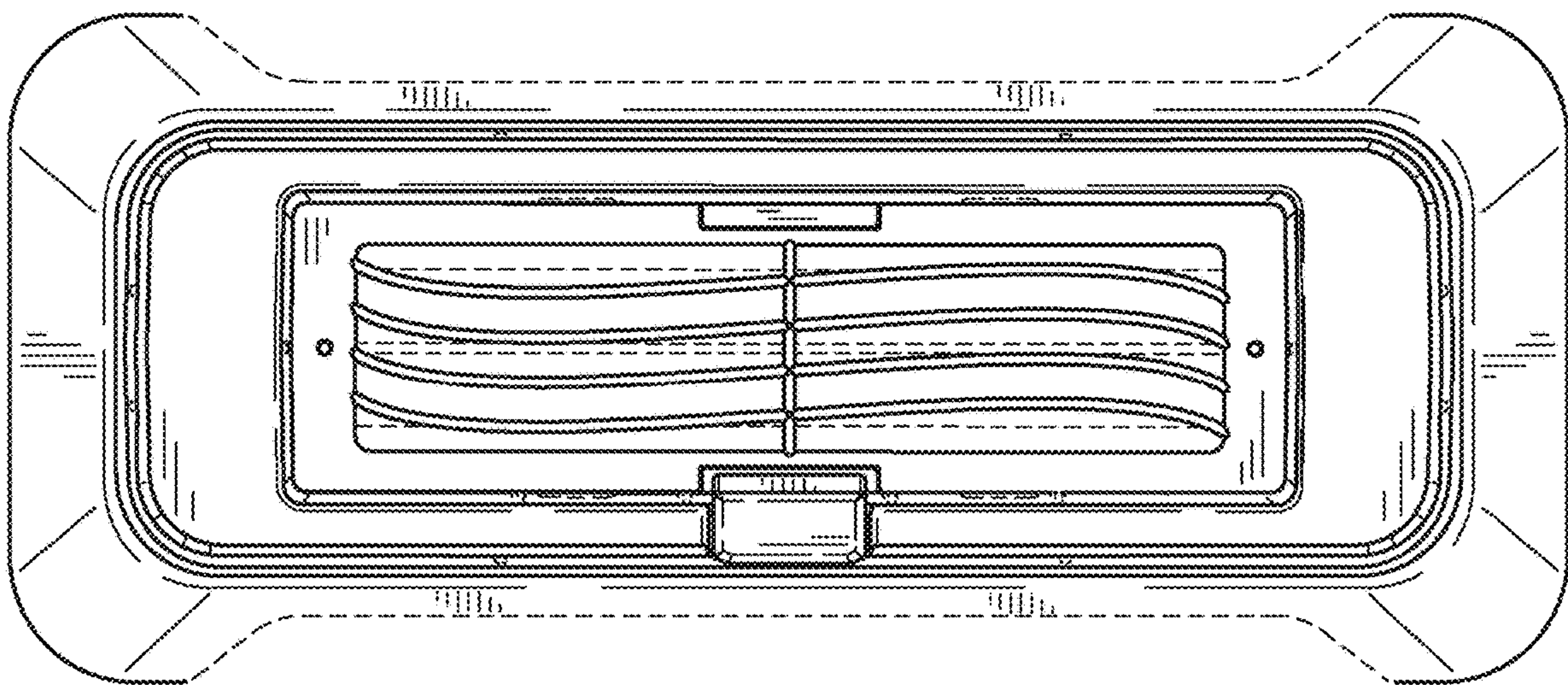


FIG. 7

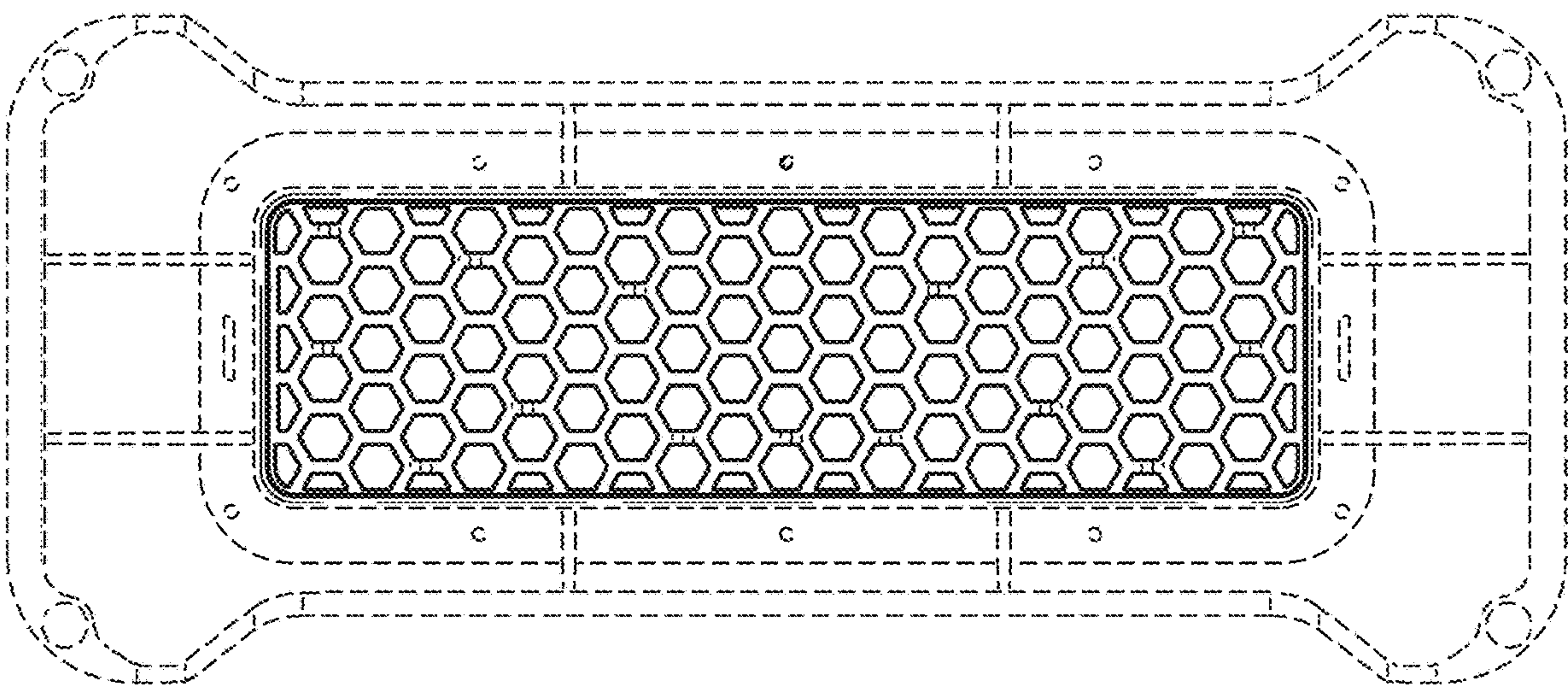


FIG. 8