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

(10) **Patent No.:** **US D1,019,727 S**

(45) **Date of Patent:** **** Mar. 26, 2024**

- (54) **DISINFECTION ROBOT**
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Eun Jin Kim, Suwon-si (KR)
- (73) Assignee: **CASE LAB CO., LTD.**, Suwon-si (KR)
- (**) Term: **15 Years**

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- (21) Appl. No.: **29/850,931**
- (22) Filed: **Aug. 24, 2022**

Primary Examiner — Patricia A Palasik
(74) *Attorney, Agent, or Firm* — Paratus Law Group, PLLC

(30) **Foreign Application Priority Data**

Mar. 10, 2022 (KR) 30-2022-0009483

- (51) **LOC (14) Cl.** **15-99**
- (52) **U.S. Cl.**
USPC **D15/199**

(58) **Field of Classification Search**

USPC D15/199; D21/578; D26/40, 42, 51;
D32/21; D34/34
CPC B25J 5/007; B25J 9/0003; B25J 11/00;
B62D 57/024; G06N 3/008; G05D
2201/0216; Y10S 901/01; A61L 2/10;
A61L 2/24; A61L 2/26; A61L 2/084;
A61L 2202/11; A61L 2202/14; A61L
2202/25; A61L 9/20; A61L 2209/111;
A61L 2209/12; A47L 9/30; A47L
15/4242; A47L 2201/04; A47L 2401/20;
A47L 2501/16; A47L 2601/10; A47L
7/0061

See application file for complete search history.

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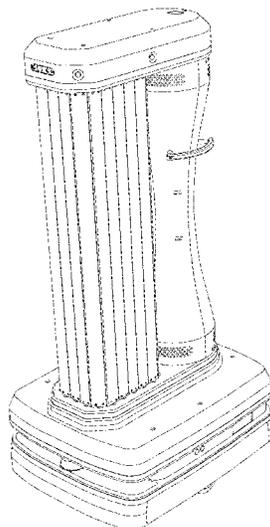
(57) **CLAIM**

The ornamental design for a disinfection robot, as shown and described.

DESCRIPTION

FIG. 1 is a front, top, and right side perspective view of a disinfection robot, showing our new design;
FIG. 2 is a front view thereof;
FIG. 3 is a back view thereof;
FIG. 4 is a left side view thereof;
FIG. 5 is a right side view thereof;
FIG. 6 is a top view thereof;
FIG. 7 is a bottom view thereof;
FIG. 8 is a front, top, and right side perspective view thereof, shown in a state with blinds open in use;
FIG. 9 is a front view thereof, shown in a state with blinds open in use;
FIG. 10 is a back view thereof, shown in a state with blinds open in use;
FIG. 11 is a left side view thereof, shown in a state with blinds open in use; and,
FIG. 12 is a right side view thereof, shown in a state with blinds open in use.

1 Claim, 11 Drawing Sheets



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FIG. 1

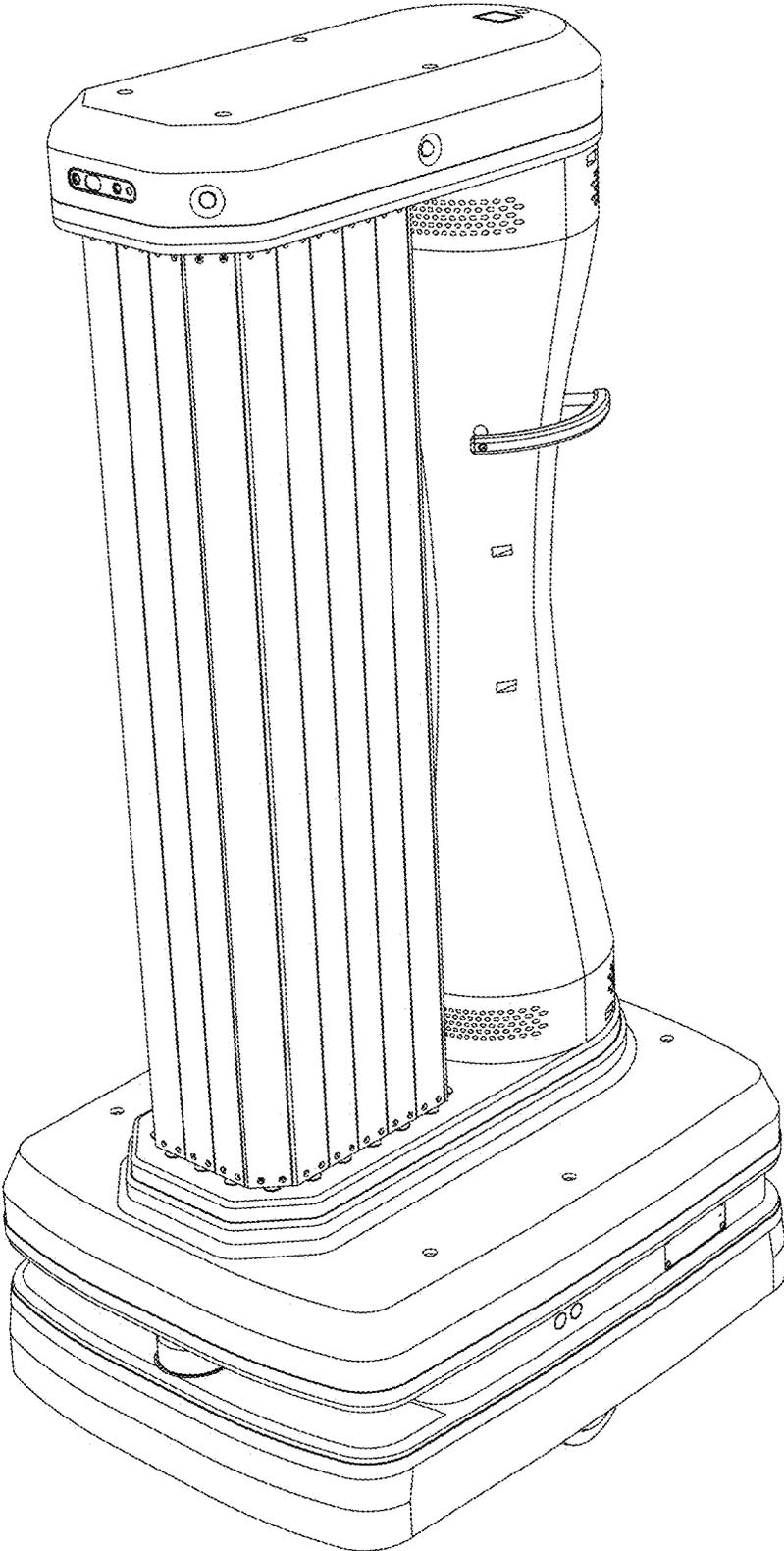


FIG. 2

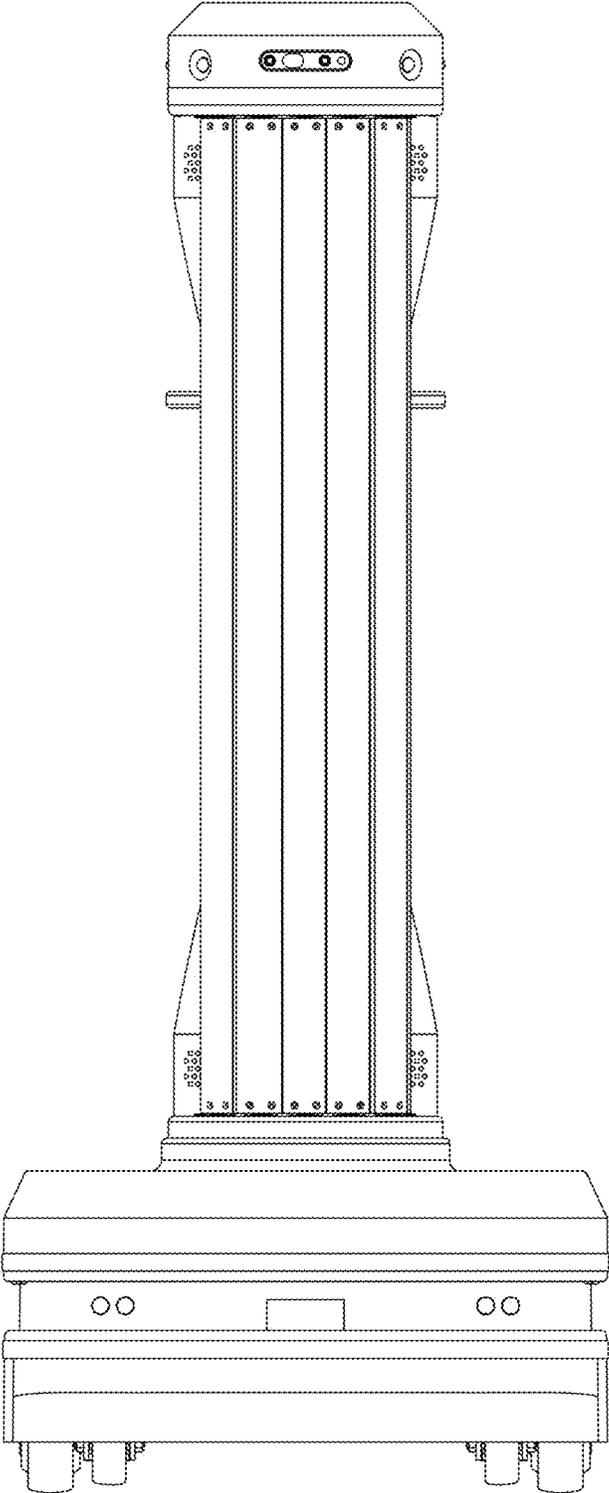


FIG. 3

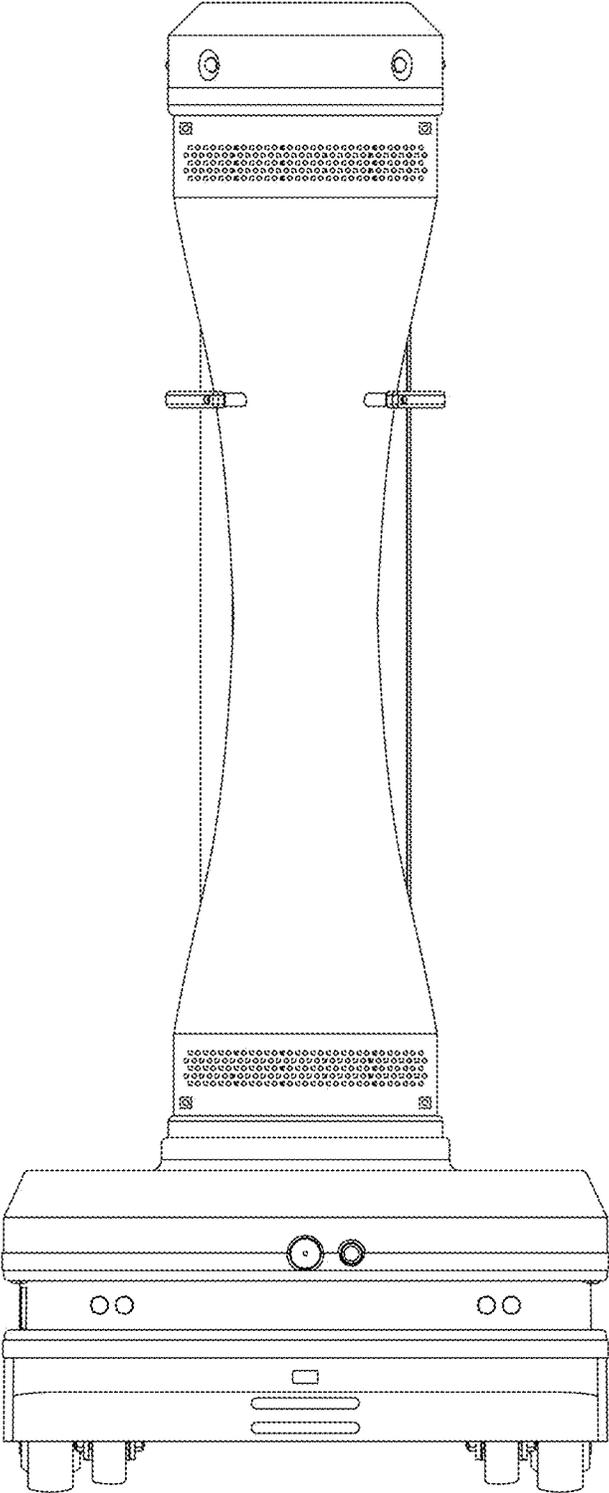


FIG. 4

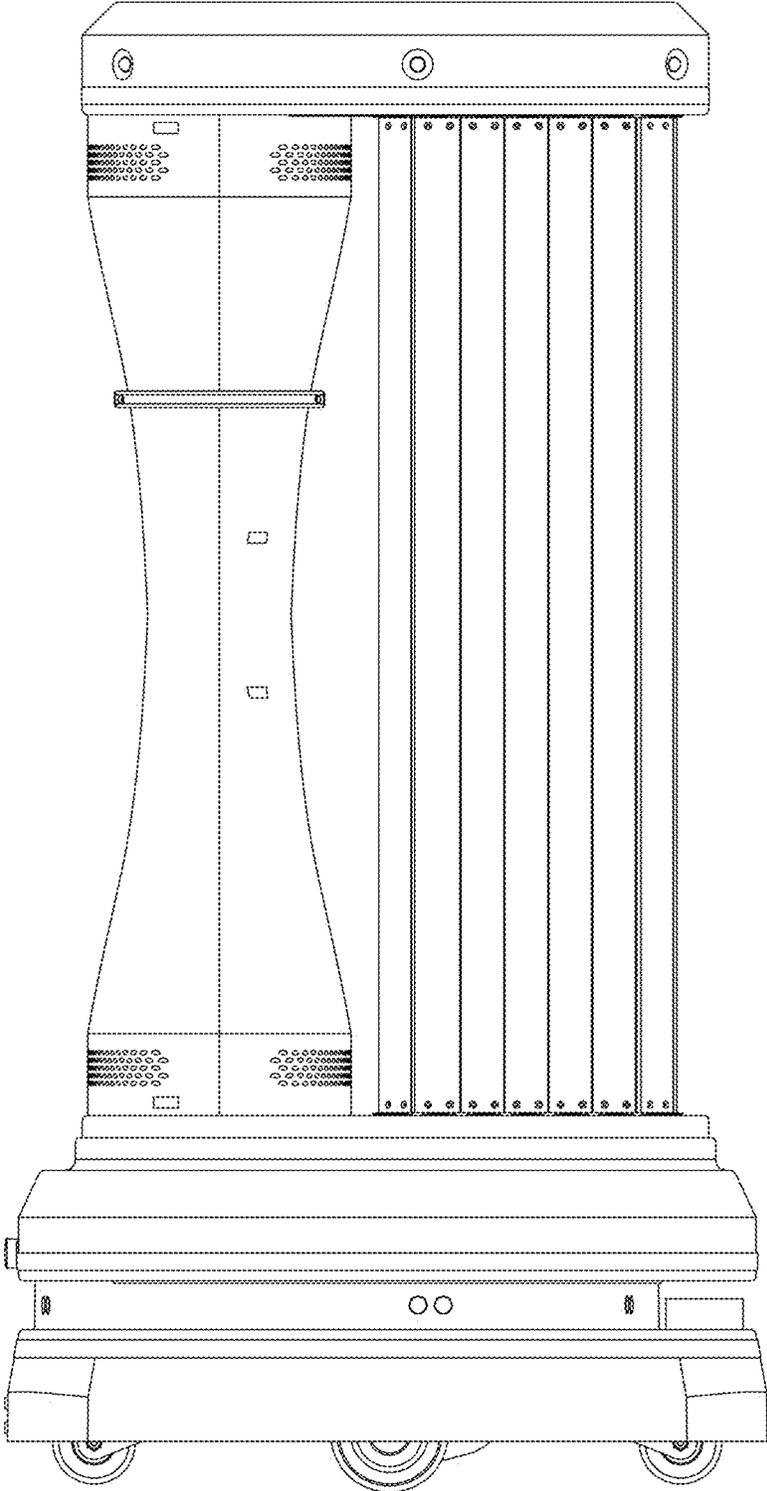


FIG. 5

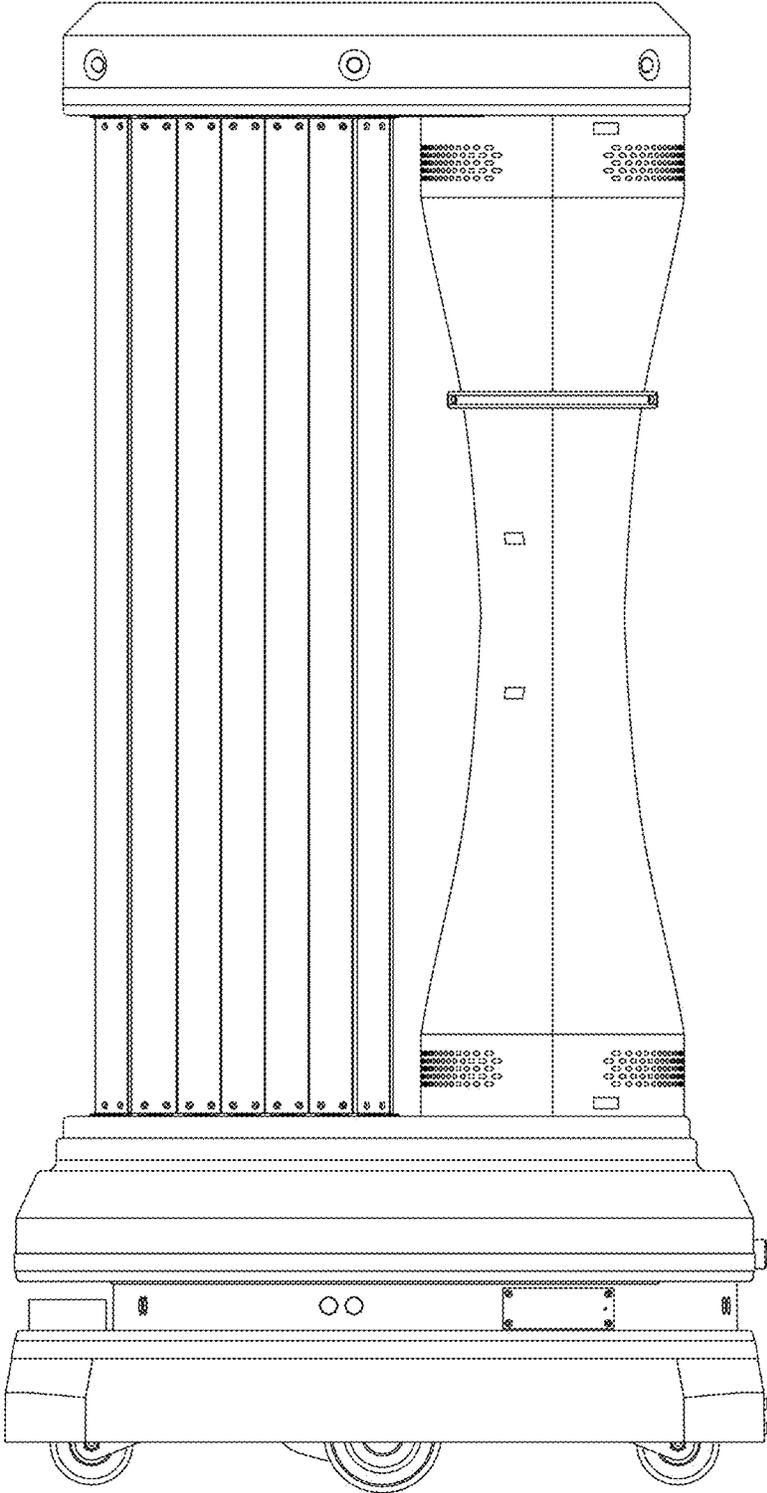


FIG. 6

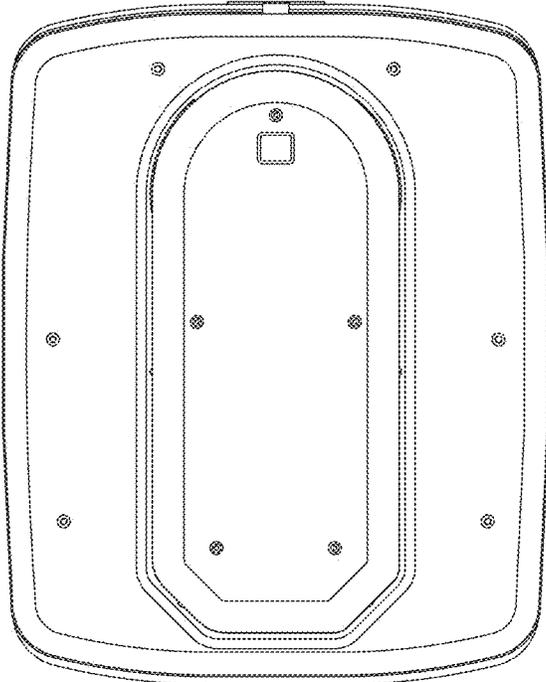


FIG. 7

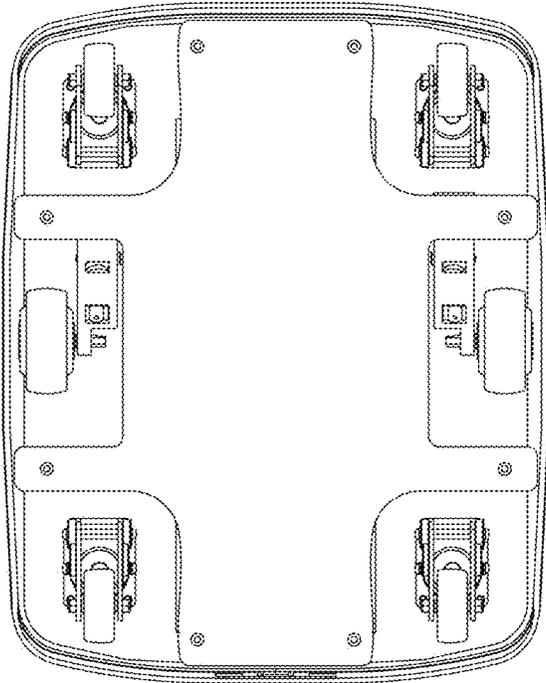


FIG. 8

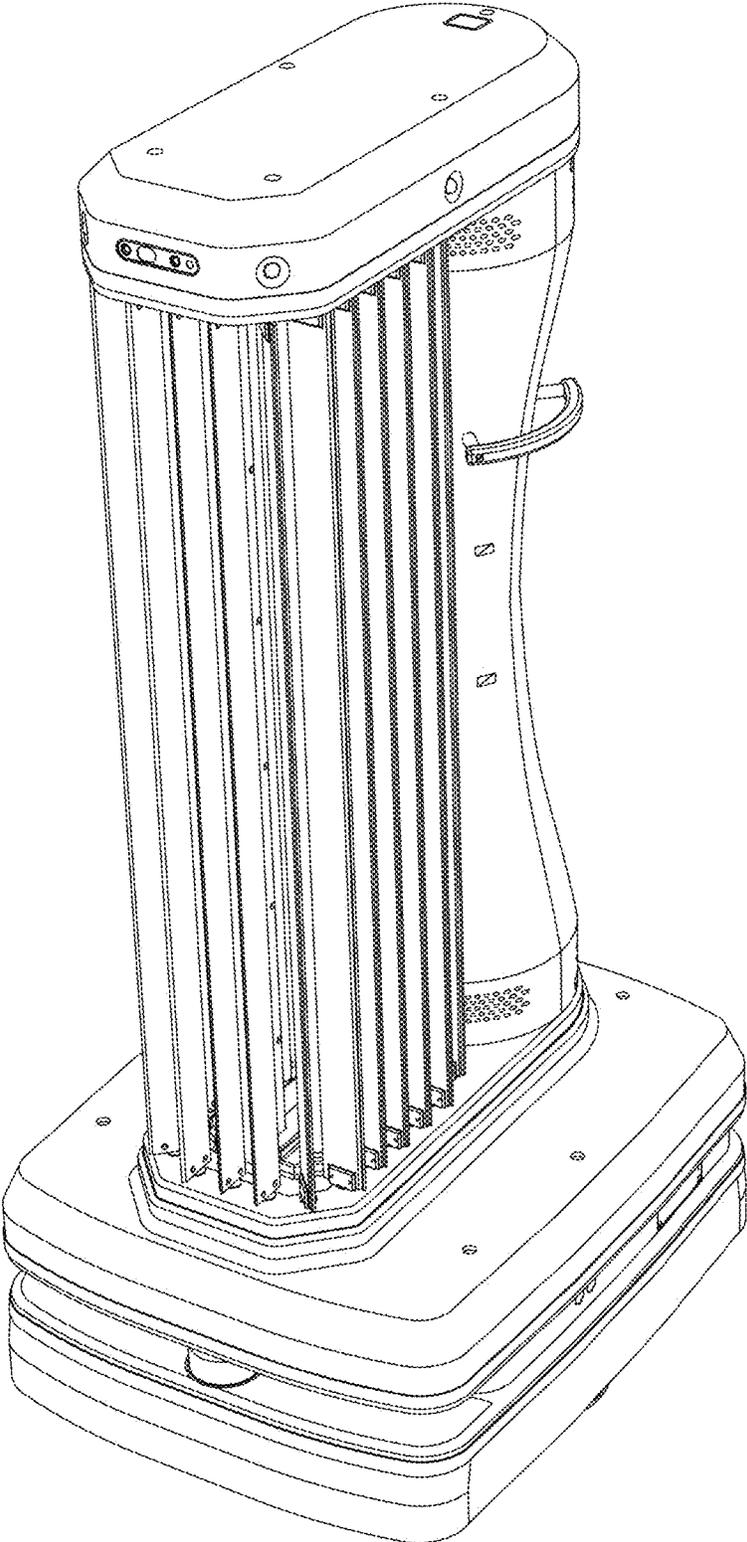


FIG. 9

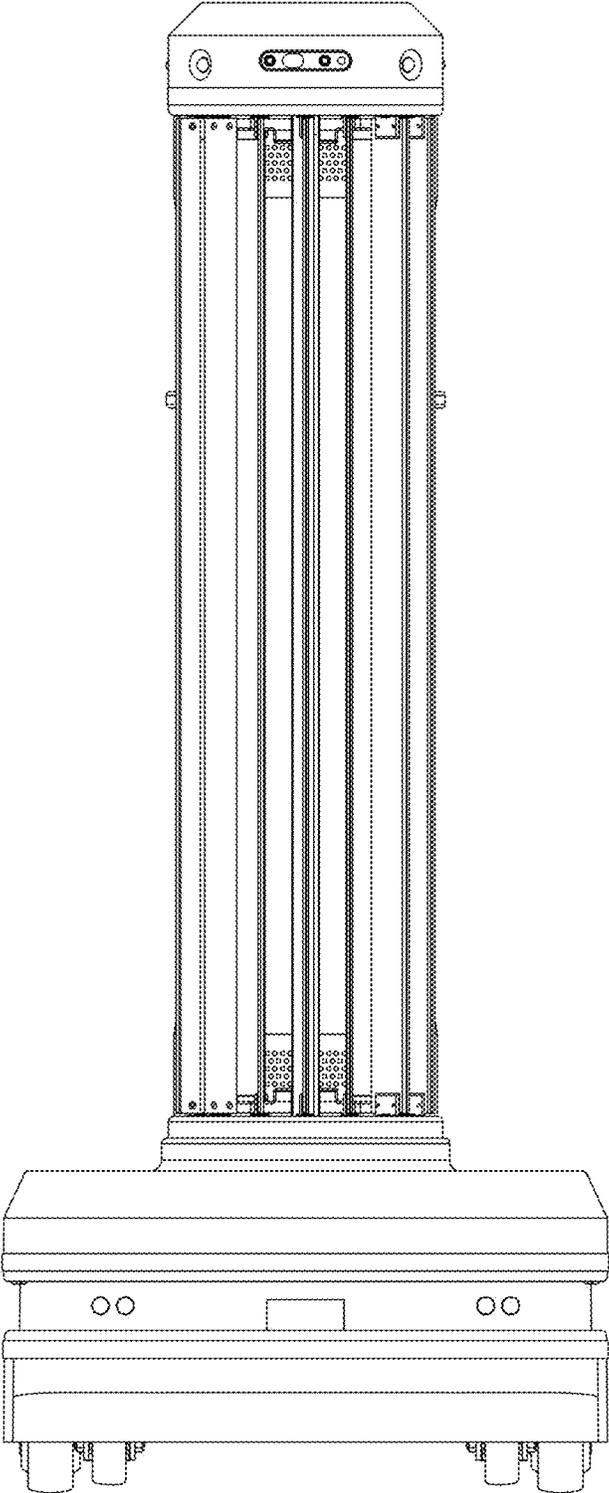


FIG. 10

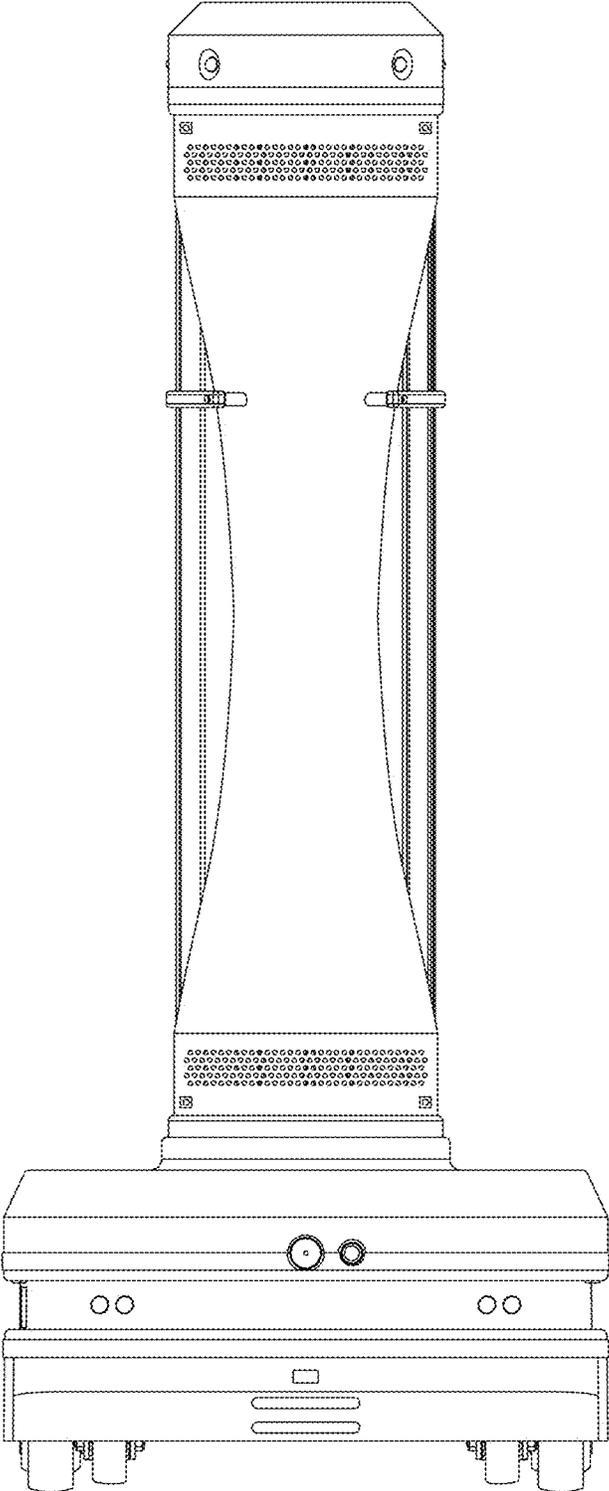


FIG. 11

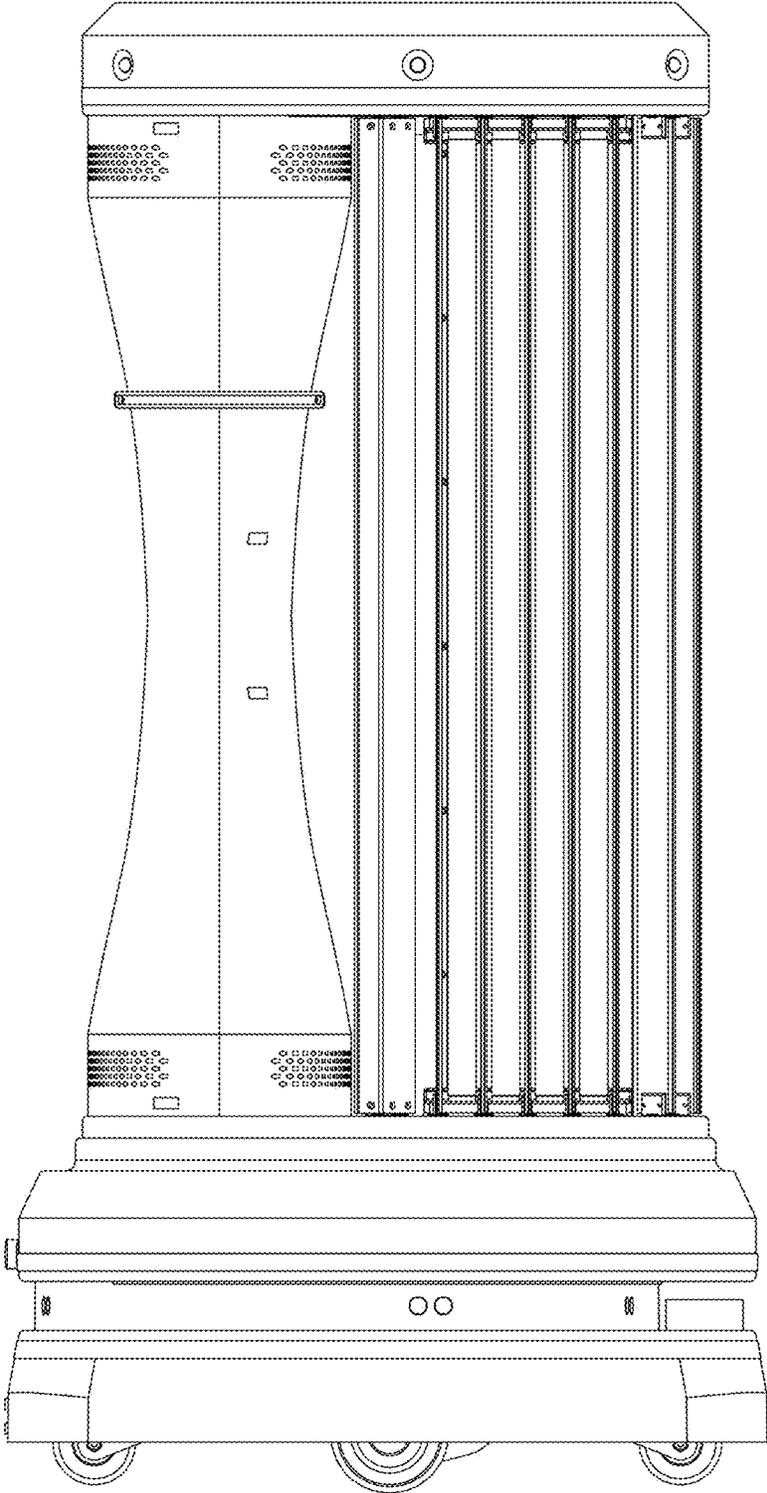


FIG. 12

