



US00D933179S

(12) **United States Design Patent** (10) **Patent No.:** **US D933,179 S**
Fu (45) **Date of Patent:** **** *Oct. 12, 2021**

- (54) **AIR COOLER**
- (71) Applicant: **Wen-Bin Fu**, Hunan Province (CN)
- (72) Inventor: **Wen-Bin Fu**, Hunan Province (CN)
- (73) Assignee: **SHENZHEN CHANGJIANG E-COMMERCE CO., LTD.**, Shenzhen (CN)
- (*) Notice: This patent is subject to a terminal disclaimer.
- (**) Term: **15 Years**
- (21) Appl. No.: **29/696,739**
- (22) Filed: **Jul. 1, 2019**
- (51) **LOC (13) Cl.** **23-04**
- (52) **U.S. Cl.**
USPC **D23/333**
- (58) **Field of Classification Search**
USPC D23/333, 351-354, 388
CPC F24F 1/00; F24F 1/0007; F24F 1/02; F24F 1/08; F24F 1/42; F24F 1/56; F24F 1/60; F24F 3/044; F24F 3/048; F24F 3/16; G05D 23/1905; G05D 23/1932; G05D 23/1902; G05D 23/1931; G05B 19/0426; G05B 19/409; G05B 15/02
See application file for complete search history.

| | | | | |
|--------------|---------|-------------|-------|---------|
| D691,255 S * | 10/2013 | Abbondanzio | ..... | D23/366 |
| D735,843 S * | 8/2015 | Sunwoo | ..... | D23/333 |
| D750,209 S * | 2/2016 | Satou | ..... | D23/364 |
| D755,942 S * | 5/2016 | Kim | ..... | D23/364 |
| D791,290 S * | 7/2017 | Shapiro | ..... | D23/332 |
| D827,115 S * | 8/2018 | Petersen | ..... | D23/333 |
| D835,249 S * | 12/2018 | Echeverri | ..... | D23/365 |
| D847,321 S * | 4/2019 | Murofushi | ..... | D23/351 |
| D850,592 S * | 6/2019 | Jacobs | ..... | D23/332 |
| D850,593 S * | 6/2019 | Petersen | ..... | D23/333 |
| D852,340 S * | 6/2019 | Barlettano | ..... | D23/333 |
| D852,344 S * | 6/2019 | Hua | ..... | D23/364 |
| D879,933 S * | 3/2020 | Nanda | ..... | D23/366 |
| D884,858 S * | 5/2020 | Zhang | ..... | D23/333 |
| D896,936 S * | 9/2020 | Ou | ..... | D23/333 |

* cited by examiner

Primary Examiner — Natasha Vujcic
(74) *Attorney, Agent, or Firm* — Mayer & Williams PC

(57) **CLAIM**

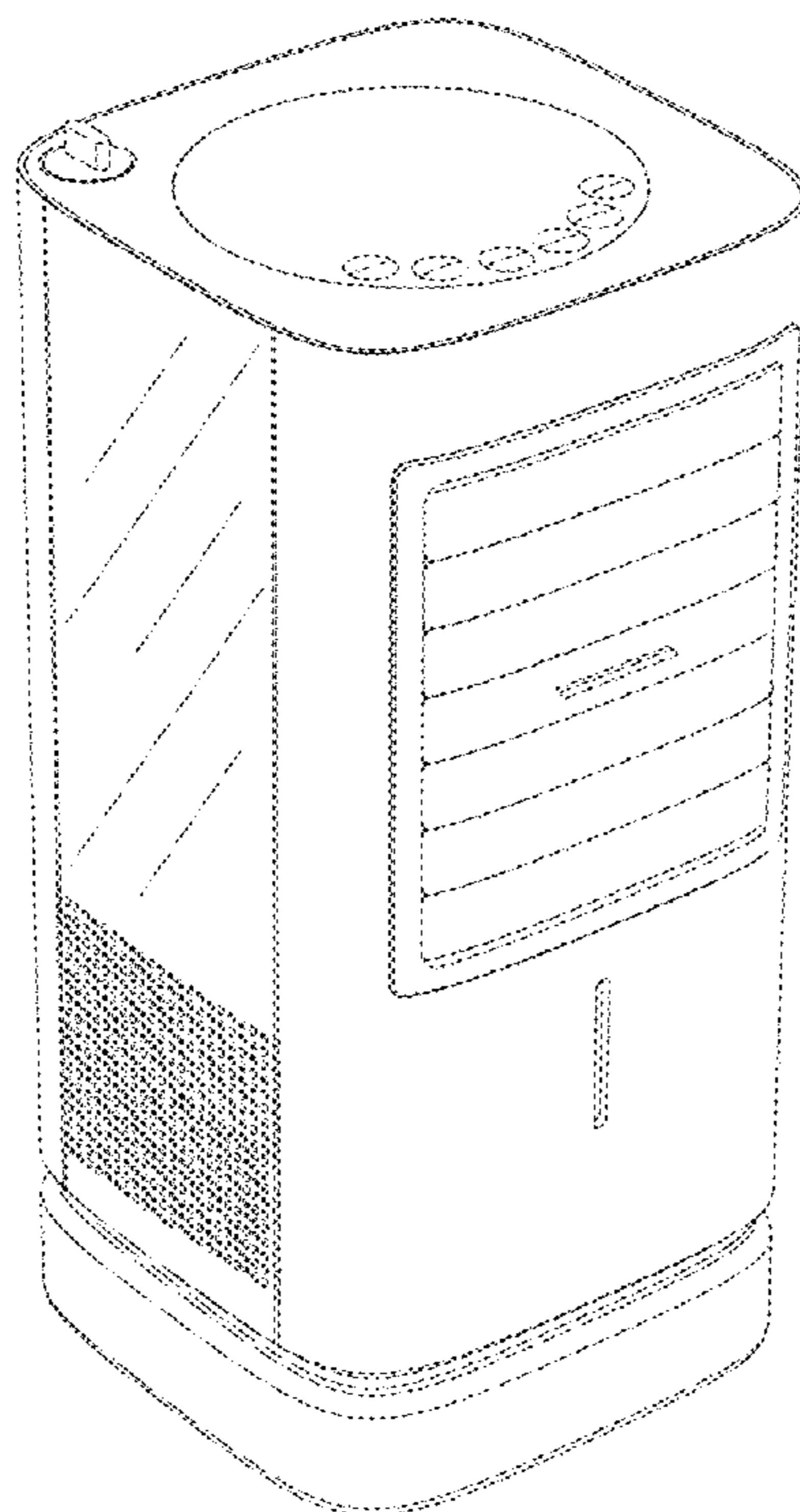
The ornamental design for an air cooler, as shown and described.

DESCRIPTION

FIG. 1 is a top view of an air cooler showing my new design; FIG. 2 is a rear elevational view thereof; FIG. 3 is a right plan view thereof; FIG. 4 is a front side elevational view thereof; FIG. 5 is a left elevational view thereof; FIG. 6 is a perspective side view thereof; and, FIG. 7 is a bottom view thereof.

1 Claim, 7 Drawing Sheets

- (56) **References Cited**
U.S. PATENT DOCUMENTS
D308,414 S * 6/1990 Makihara D23/359
D536,429 S * 2/2007 Bushee D23/333



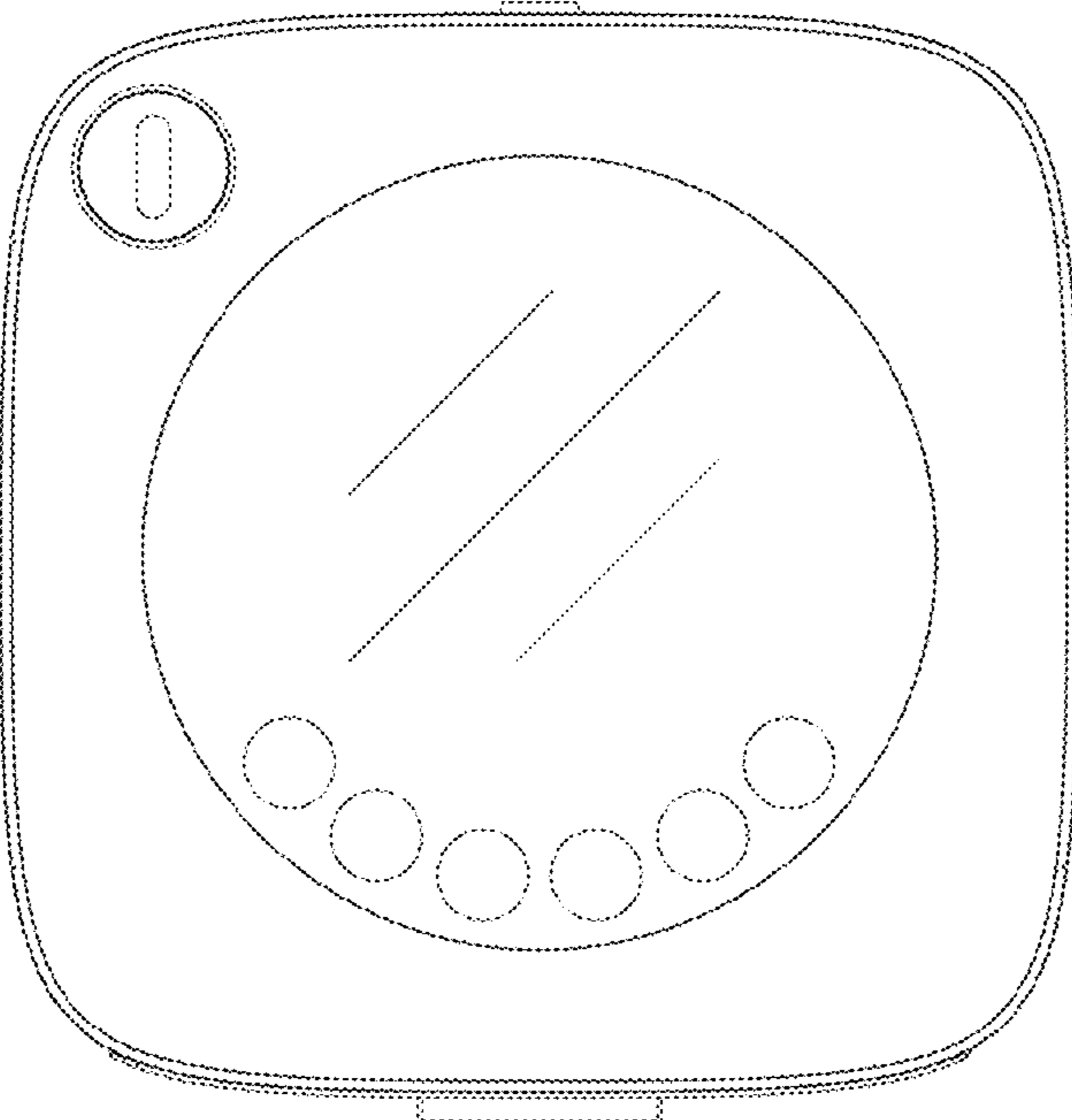


FIG 1

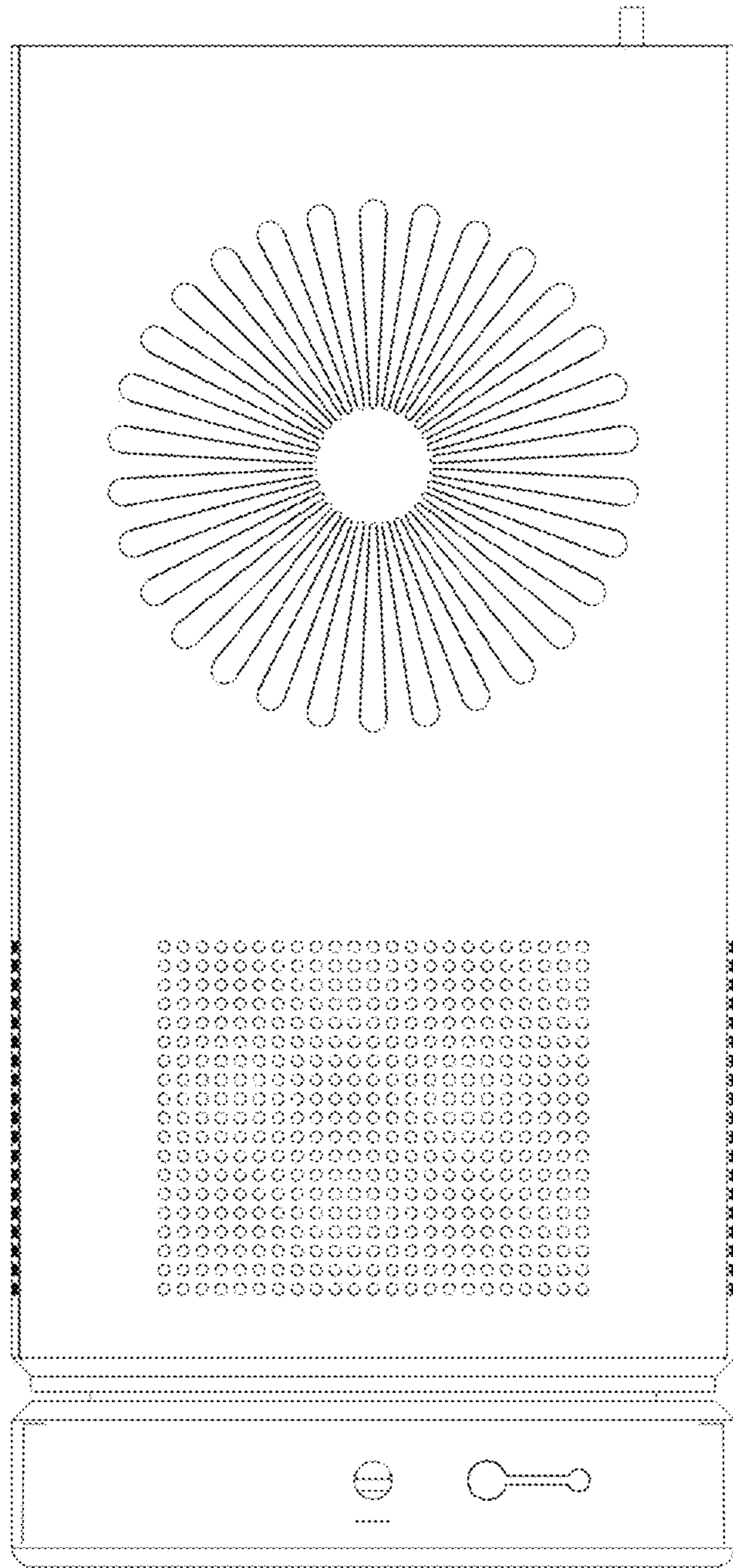


FIG 2

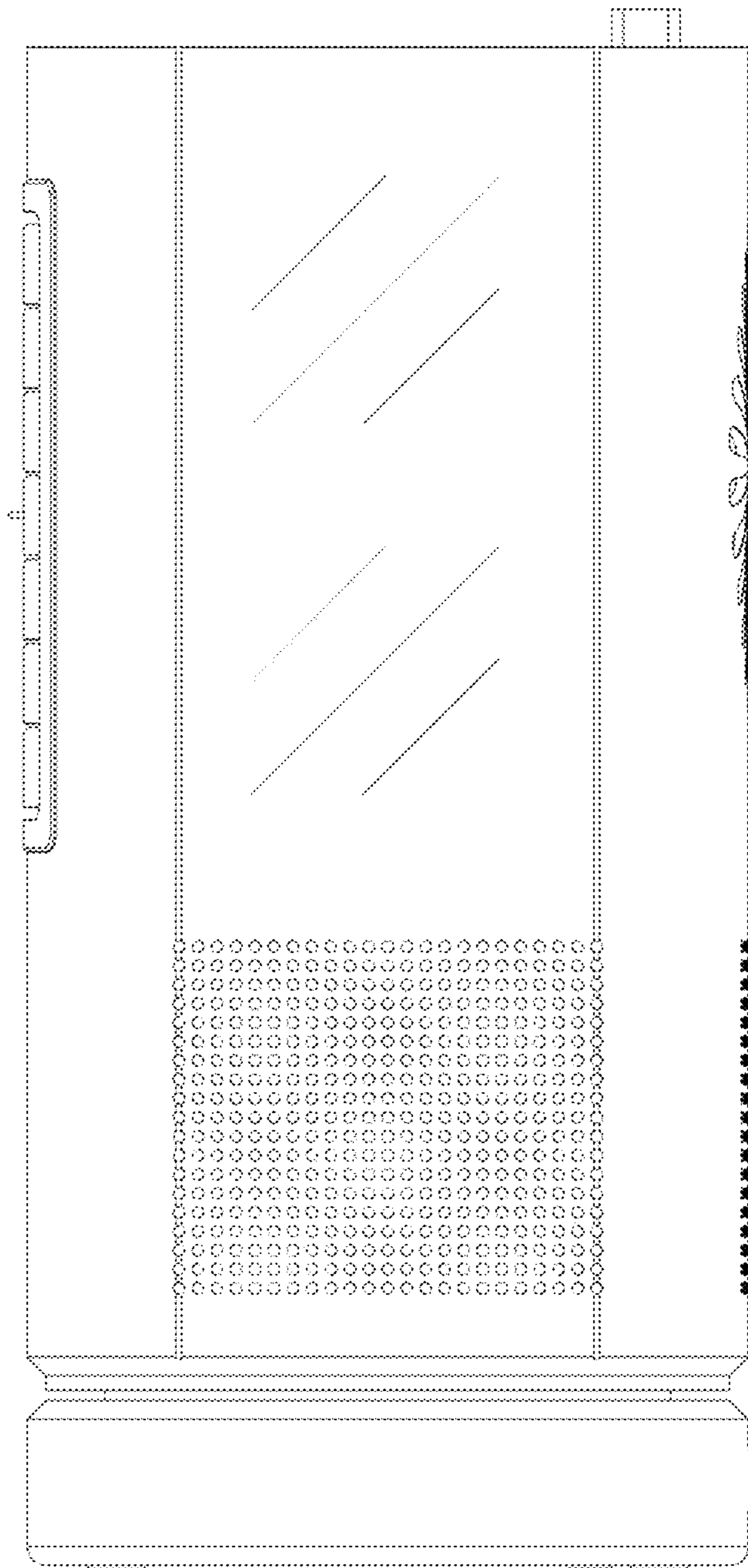


FIG 3

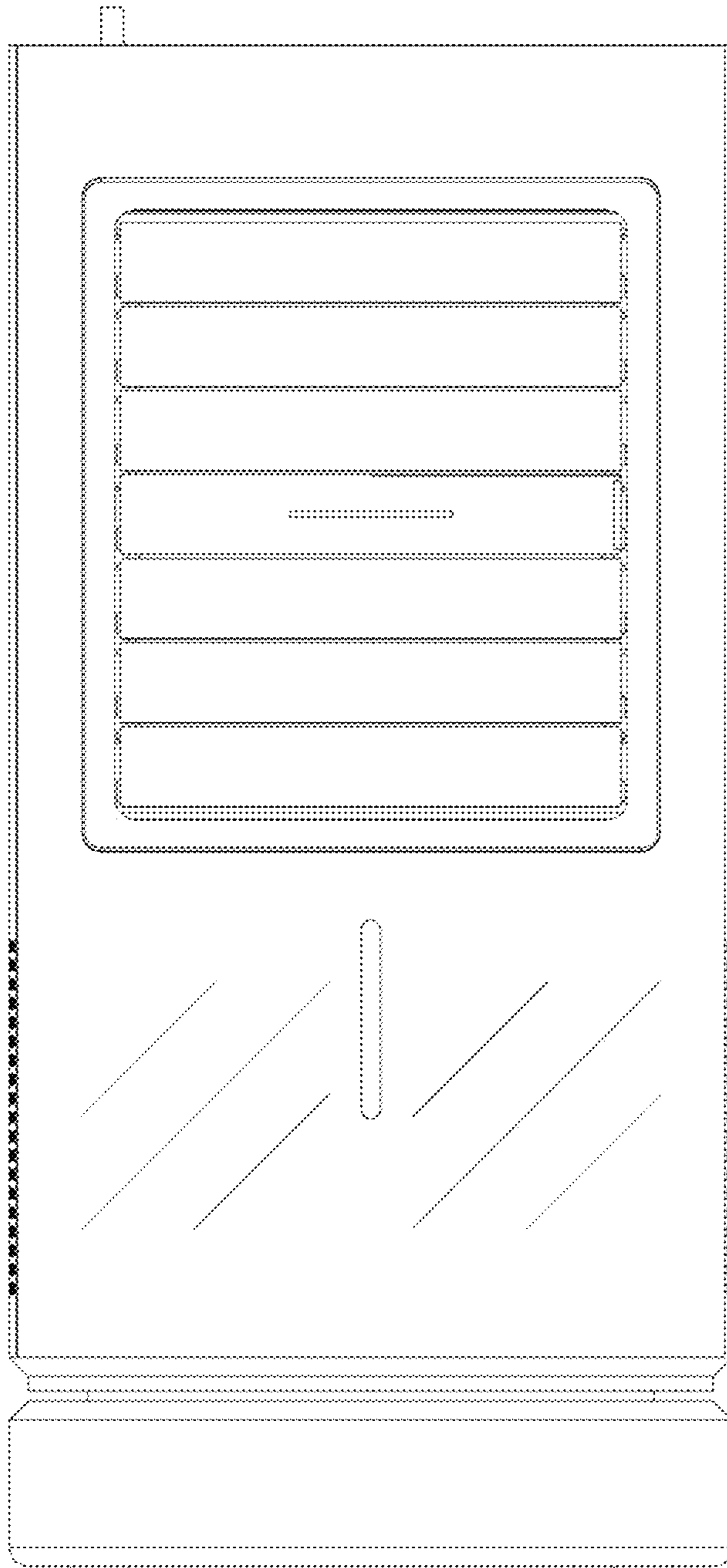


FIG 4

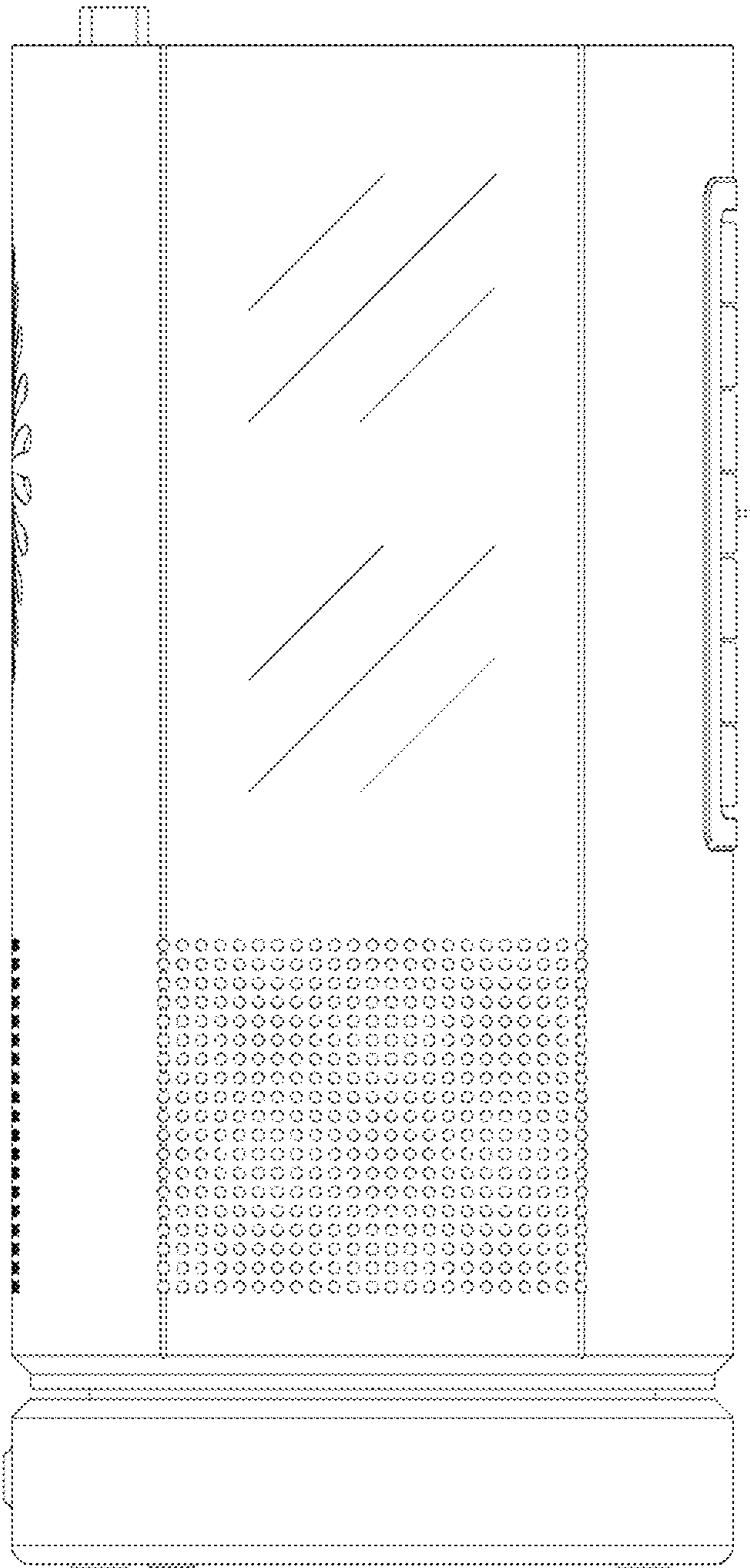


FIG 5

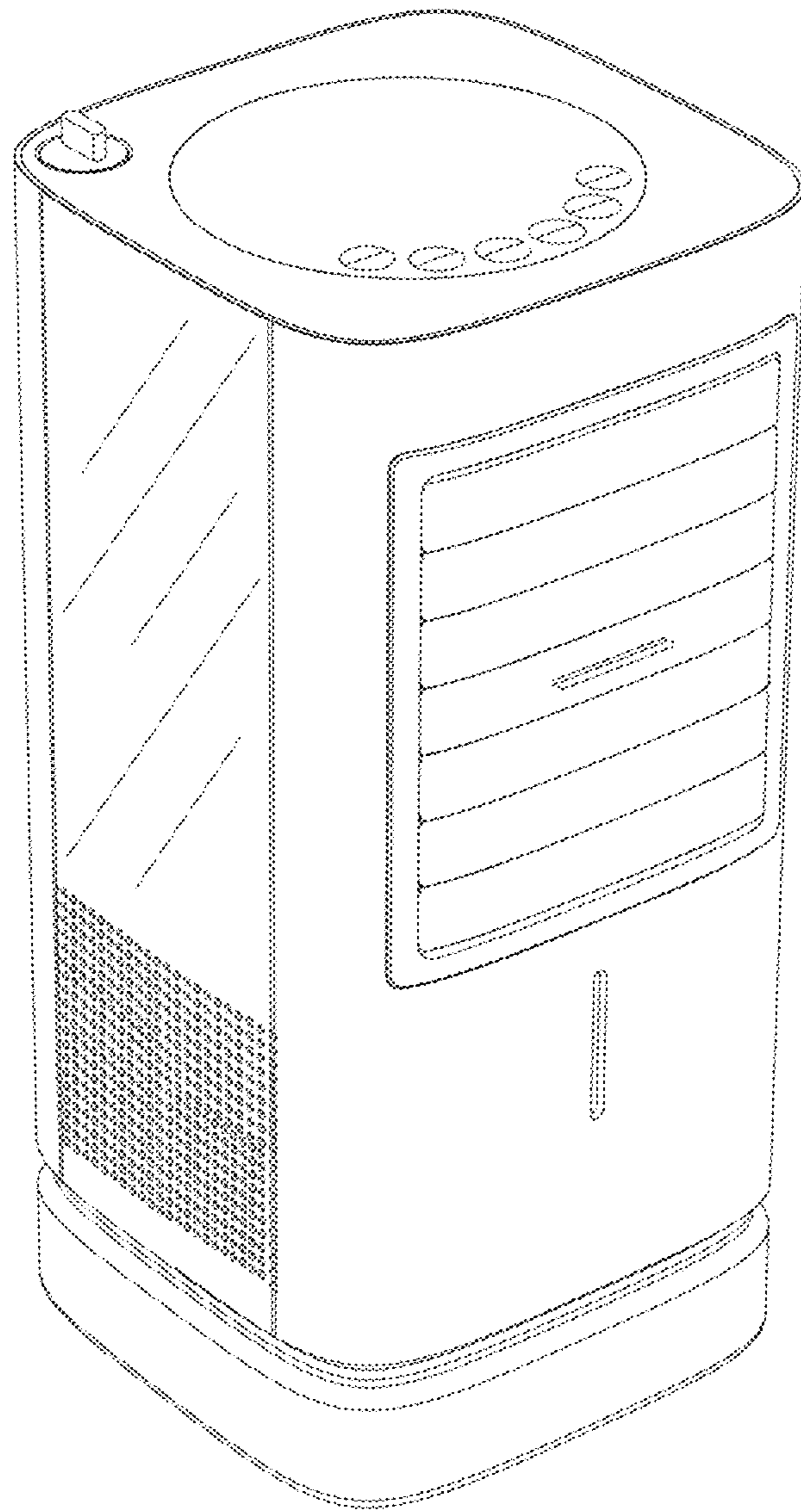


FIG 6

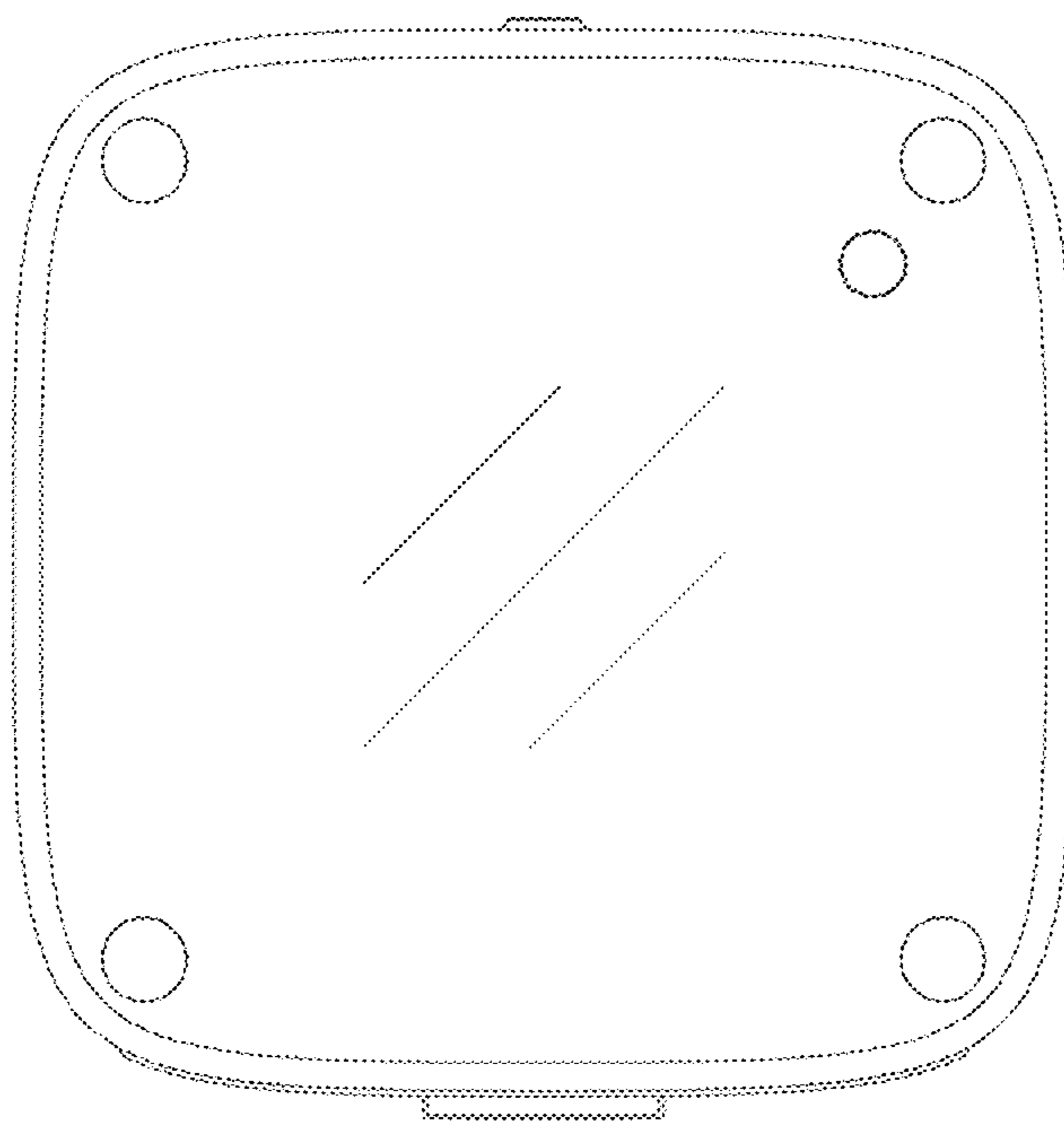


FIG 7