



US00D974209S

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

(10) **Patent No.:** **US D974,209 S**
(45) **Date of Patent:** **** Jan. 3, 2023**

(54) **SMOKE AND GAS DETECTOR**
(71) Applicant: **HANGZHOU EZVIZ SOFTWARE CO., LTD.**, Hangzhou (CN)
(72) Inventors: **Chongkun Huang**, Hangzhou (CN); **Jiayin Song**, Hangzhou (CN); **Weike Zhu**, Hangzhou (CN)
(73) Assignee: **HANGZHOU EZVIZ SOFTWARE CO., LTD.**, Hangzhou (CN)

(**) Term: **15 Years**
(21) Appl. No.: **29/782,884**
(22) Filed: **May 10, 2021**

(30) **Foreign Application Priority Data**
Nov. 9, 2020 (CN) 202030674045.3
(51) **LOC (14) Cl.** **10-05**
(52) **U.S. Cl.**
USPC **D10/106.5**
(58) **Field of Classification Search**
USPC D10/104.1, 104.2, 106.2, 106.3, 106.5,
D10/106.6, 106.7, 120, 121; D16/203
CPC G08B 17/107; G08B 17/11; G08B 29/043;
G08B 17/00; G08B 17/10; G08B 29/145;
G08B 17/103
See application file for complete search history.

(56) **References Cited**
U.S. PATENT DOCUMENTS
D703,566 S * 4/2014 Chen D10/106.5
D715,670 S * 10/2014 Stagg D10/106.5
D757,584 S * 5/2016 Pusey D10/106.5
D771,512 S * 11/2016 Kalyan D10/106.5
D773,332 S * 12/2016 Kalyan D10/106.5
D786,725 S * 5/2017 McCormick D10/106.5

D868,608 S * 12/2019 Ou D10/106.6
D885,224 S * 5/2020 Liu D10/106.5
D885,225 S * 5/2020 Liu D10/106.5
D896,116 S * 9/2020 Brainard D10/106.5
D911,198 S * 2/2021 Zhang D10/106.5
D911,199 S * 2/2021 Zhang D10/106.5
D911,862 S * 3/2021 Zhang D10/106.5
D912,556 S * 3/2021 Zhang D10/106.5
D931,750 S * 9/2021 Zhong D10/106.5
2015/0339896 A1 * 11/2015 Stagg G08B 17/113
340/521

FOREIGN PATENT DOCUMENTS

CN 201630390154 * 12/2016
CN 201630504450 * 4/2017
CN 201830109970 * 8/2018
CN 201930502552.6 * 4/2020
CN 201930512533.1 * 7/2020
CN 202030299557.6 * 11/2020

* cited by examiner

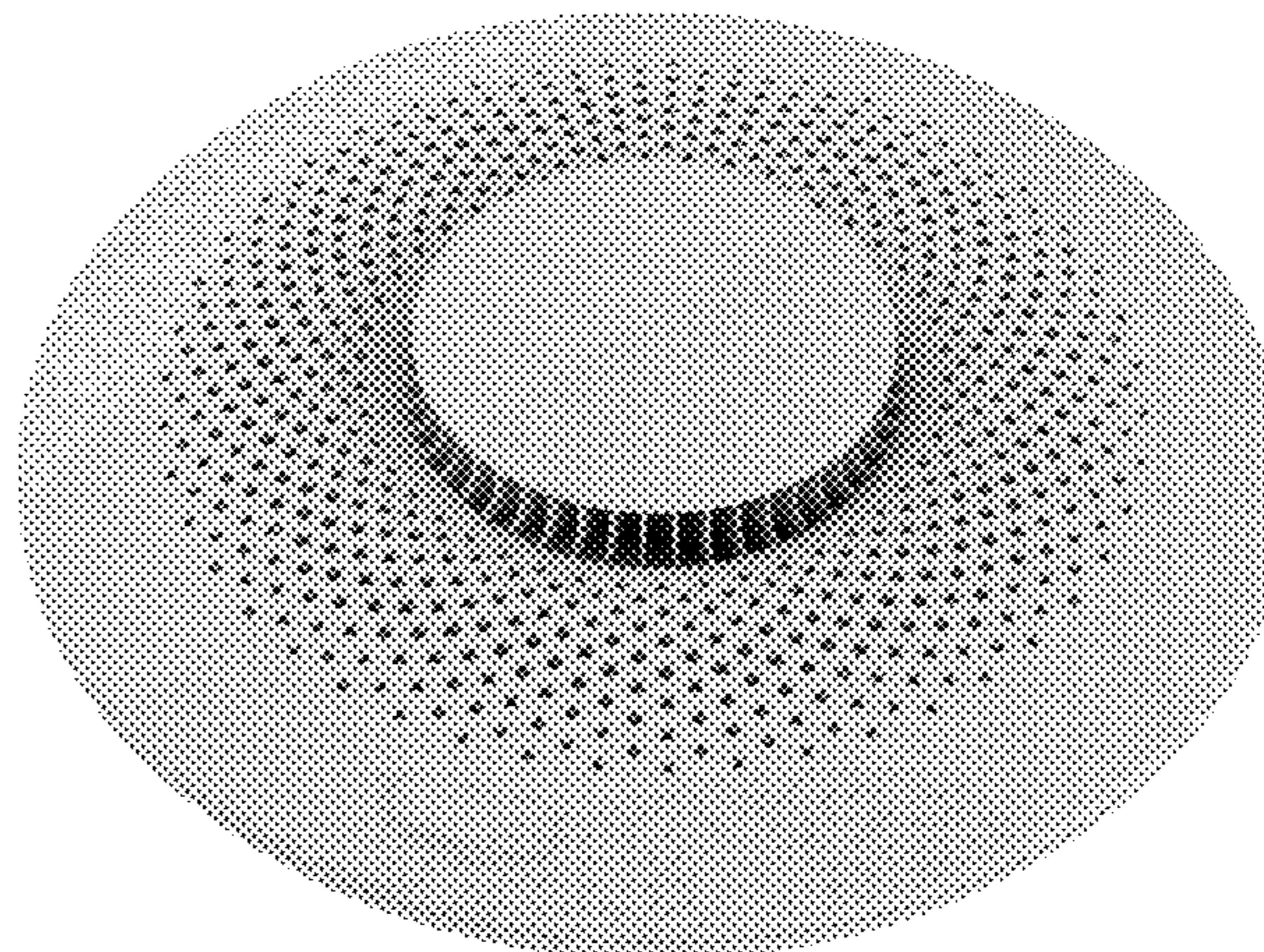
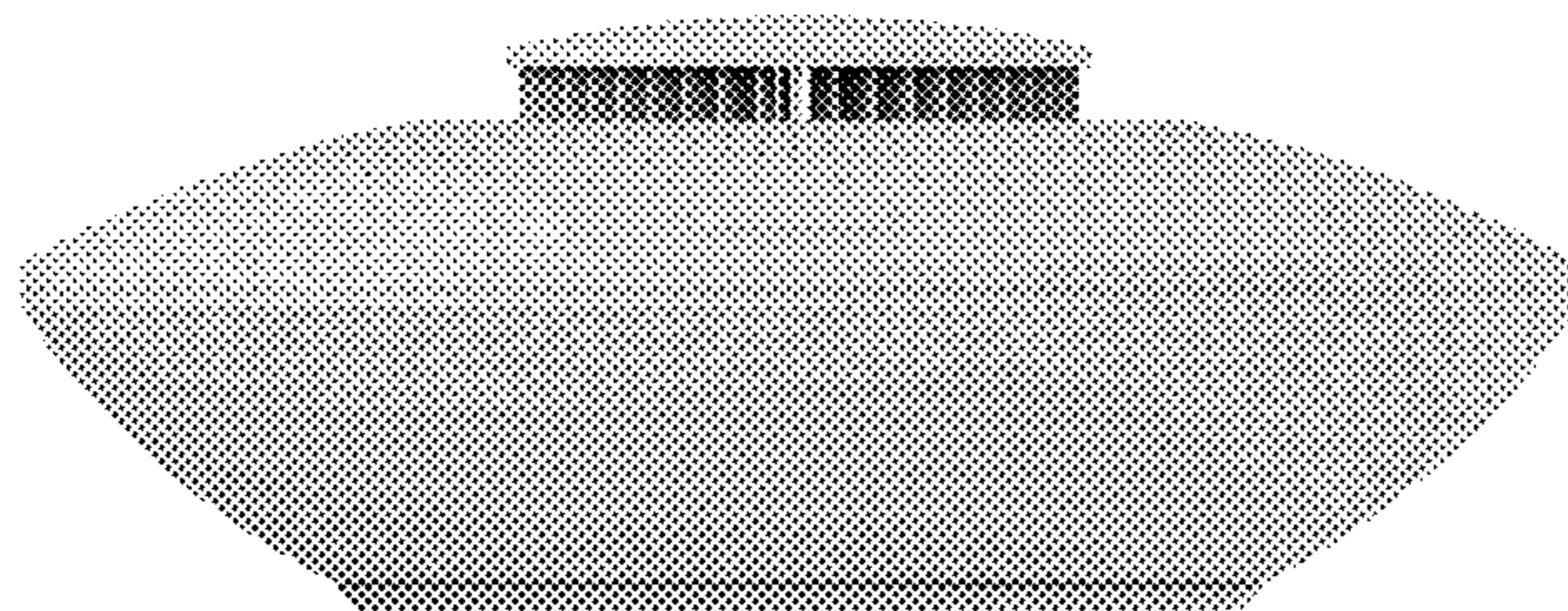
Primary Examiner — George D. Kirschbaum
Assistant Examiner — Lillian Windham
(74) *Attorney, Agent, or Firm* — Norton Rose Fulbright US LLP

(57) **CLAIM**
The ornamental design for a smoke and gas detector, as shown and described.

DESCRIPTION

FIG. 1 is a front elevation view of the smoke and gas detector according to our new design;
FIG. 2 is a back elevation view thereof;
FIG. 3 is a left side view thereof;
FIG. 4 is a right side view thereof;
FIG. 5 is a top plan view thereof;
FIG. 6 is a bottom plan view thereof; and,
FIG. 7 is a perspective view thereof.

1 Claim, 4 Drawing Sheets



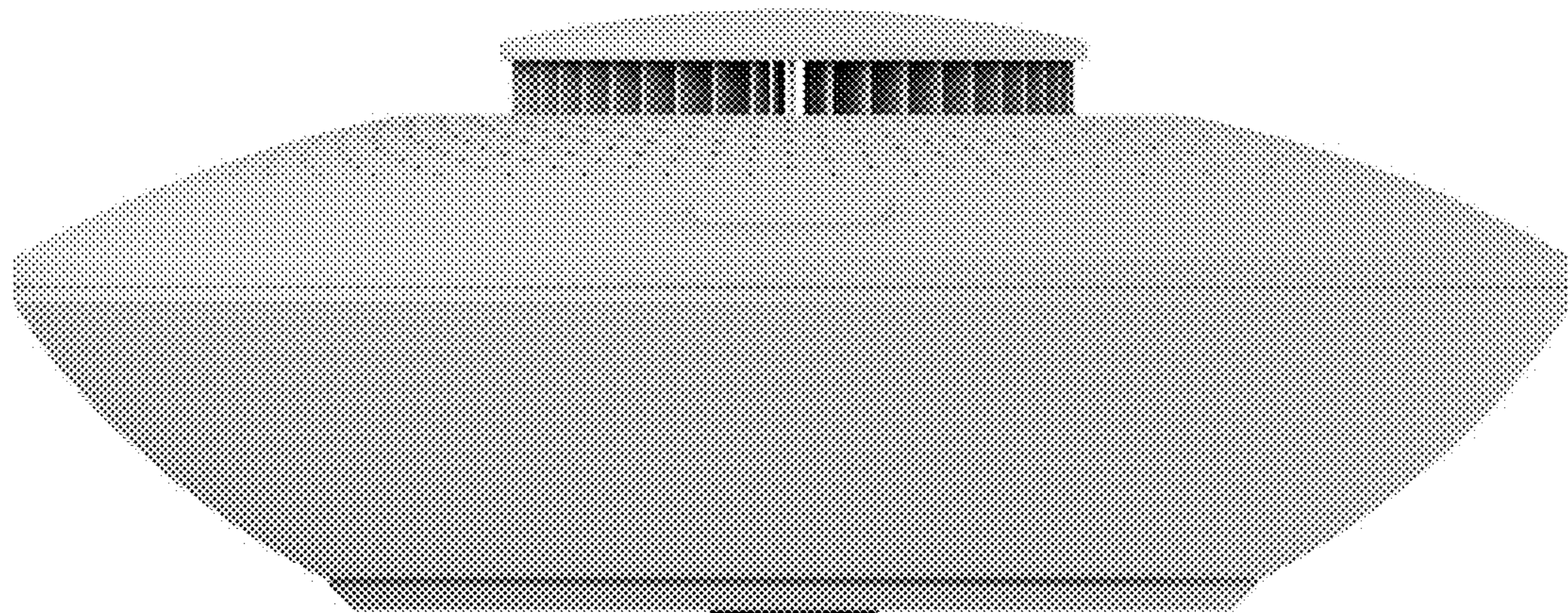


FIG. 1

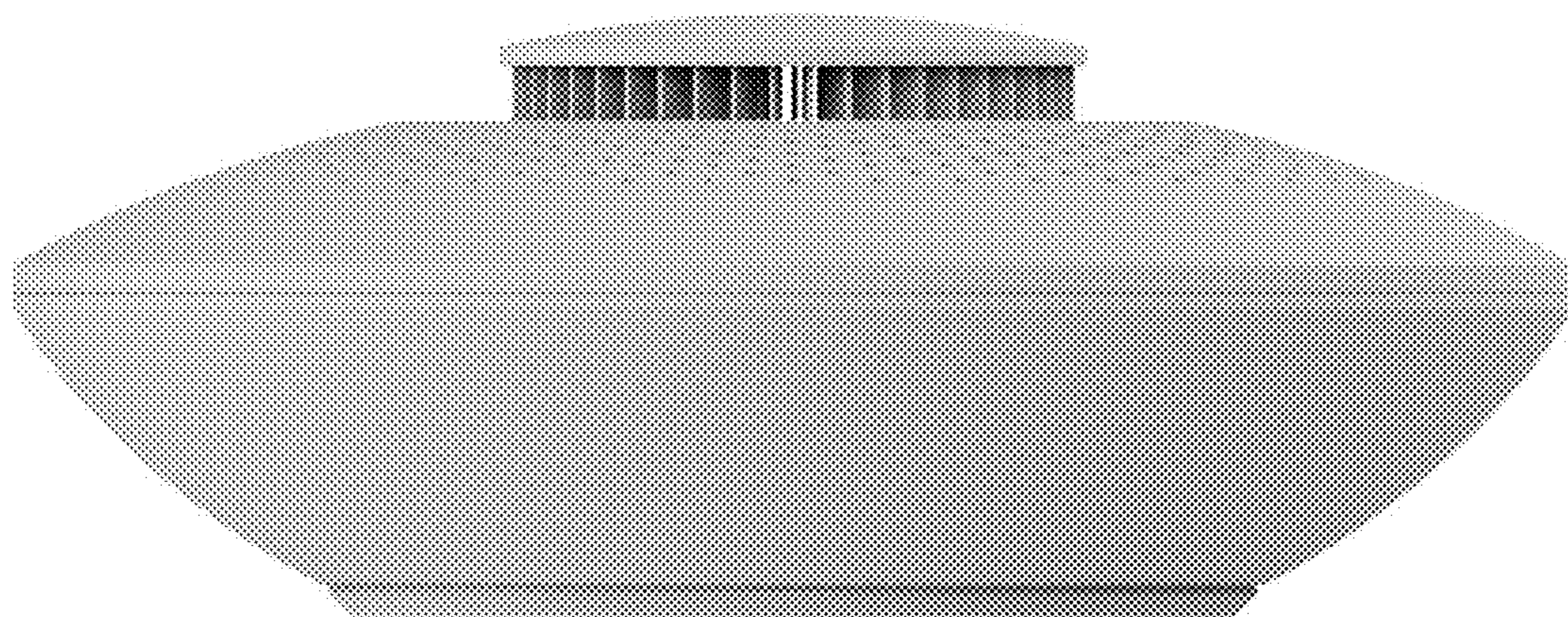


FIG. 2

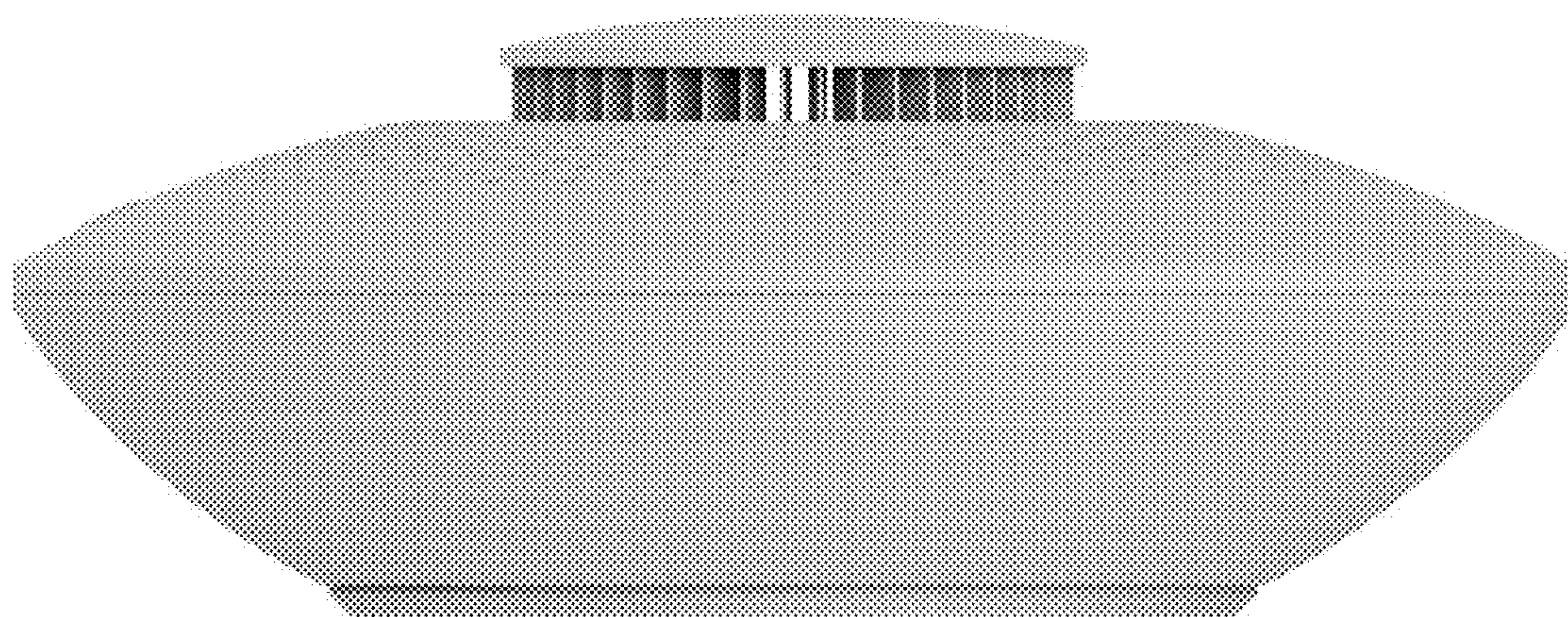


FIG. 3

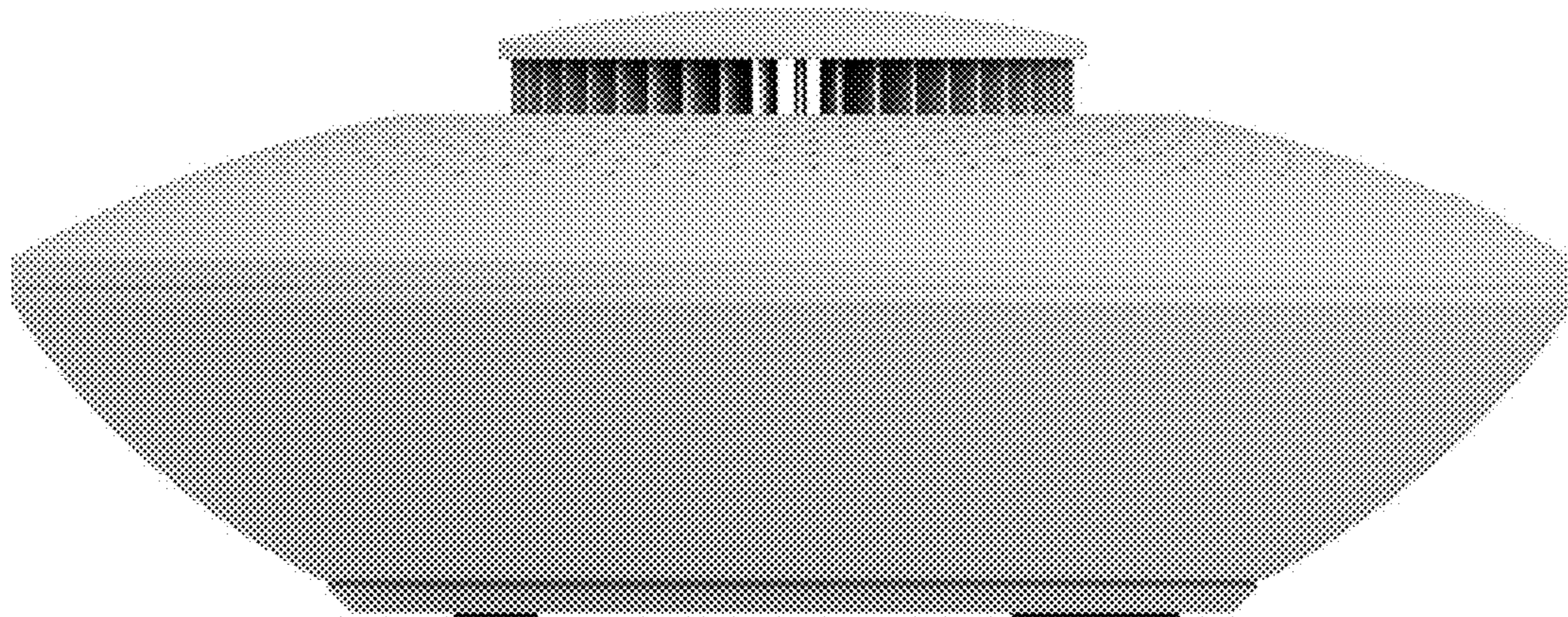


FIG. 4

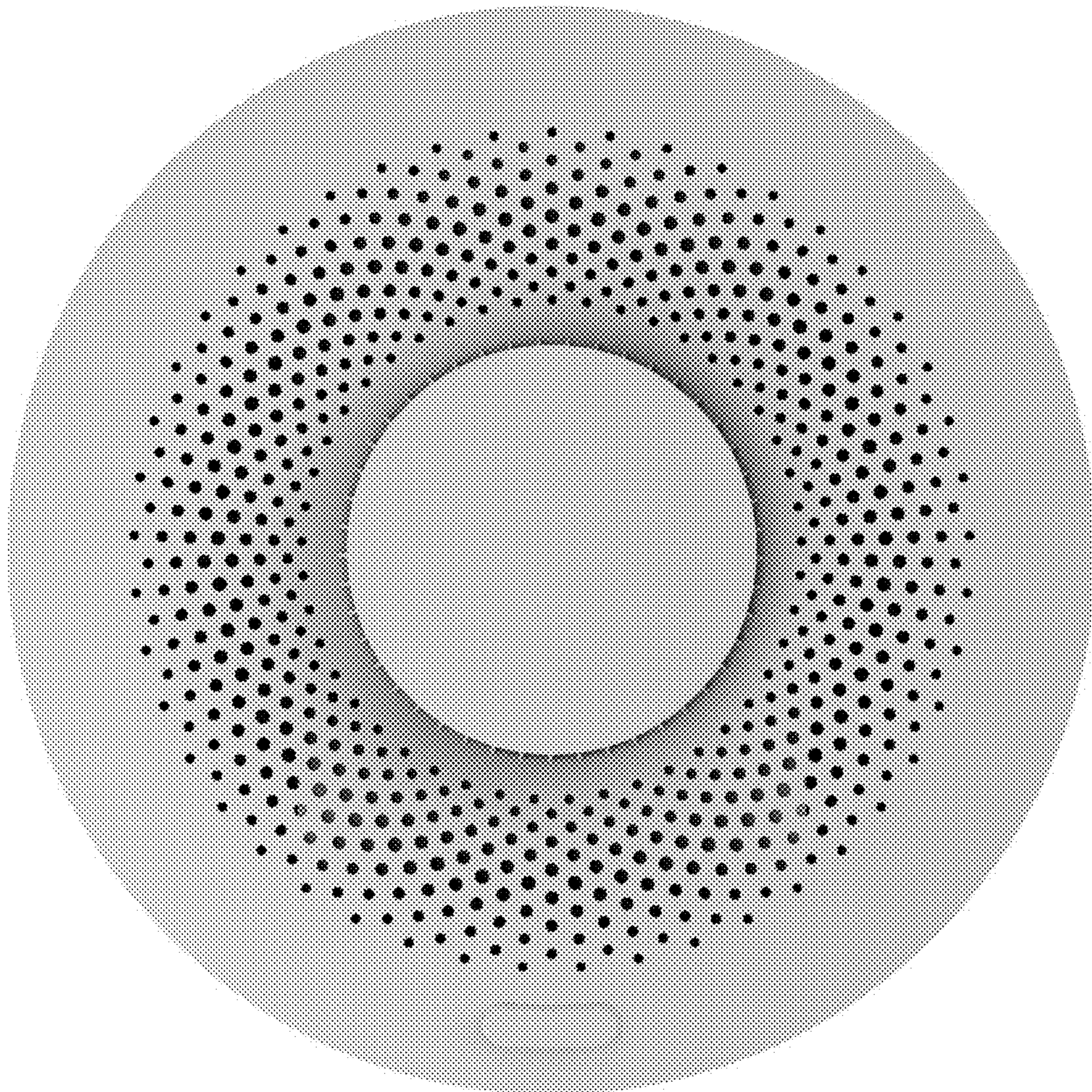


FIG. 5

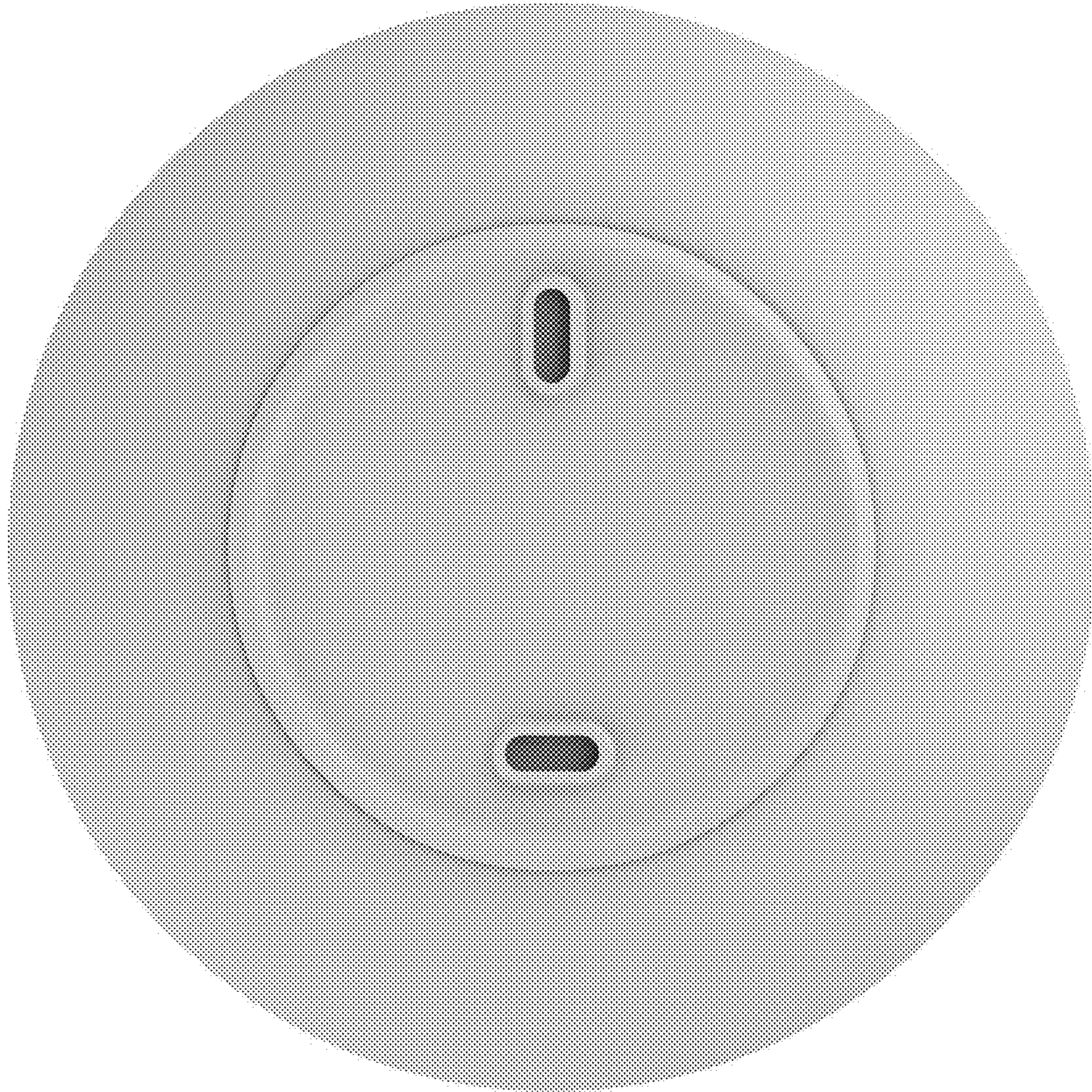


FIG. 6



FIG. 7