



US00D894022S

(12) **United States Design Patent**
Guillien

(10) **Patent No.:** **US D894,022 S**

(45) **Date of Patent:** **** Aug. 25, 2020**

(54) **AIR QUALITY SENSOR**

(74) *Attorney, Agent, or Firm* — Burriss Law, PLLC

(71) Applicant: **ALDES AERAULIQUE**, Venissieux (FR)

(57) **CLAIM**

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

(72) Inventor: **Patricia Guillien**, Chassieu (FR)

(73) Assignee: **ALDES AERAULIQUE**, Venissieux (FR)

DESCRIPTION

(**) Term: **15 Years**

The patent or application file contains at least one drawing executed in color. Copies of this patent or patent application publication with color drawing(s) will be provided by the Office upon request and payment of the necessary fee.

(21) Appl. No.: **29/669,596**

FIG. 1 is a front perspective view of the air quality sensor; FIG. 2 is a rear perspective view thereof;

(22) Filed: **Nov. 9, 2018**

FIG. 3 is a rear view thereof;

(30) **Foreign Application Priority Data**

FIG. 4 is a front view thereof;

May 9, 2018 (EM) 005263449-0001

FIG. 5 is a top view thereof;

May 9, 2018 (EM) 005263449-0002

FIG. 6 is a bottom view thereof;

May 9, 2018 (EM) 005263449-0003

FIG. 7 is a side view thereof;

May 9, 2018 (EM) 005263449-0004

FIG. 8 is a front view showing a second embodiment of a front thereof;

May 9, 2018 (EM) 005263449-0005

FIG. 9 is a front view showing a third embodiment of a front thereof;

(51) **LOC (12) Cl.** **10-04**

FIG. 10 is a front view showing a fourth embodiment of a front thereof;

(52) **U.S. Cl.**
USPC **D10/52; D10/53**

FIG. 11 is a front view showing a fifth embodiment of a front thereof;

(58) **Field of Classification Search**
USPC D10/49, 50, 52, 53, 81; D13/162, 162.1, D13/177

FIG. 12 is a front view showing a sixth embodiment of a front thereof;

CPC G01N 1/2273; G01N 2001/2276; G01N 2001/2279; G01N 7/00; G01N 7/02; G01N 7/04; G01N 7/06; G01N 7/08; G01N 7/10;

FIG. 13 is a front view showing a seventh embodiment of a front thereof;

(Continued)

FIG. 14 is a front view showing an eighth embodiment of a front thereof;

(56) **References Cited**

FIG. 15 is a front view showing a ninth embodiment of a front thereof;

U.S. PATENT DOCUMENTS

FIG. 16 is a front view showing a tenth embodiment of a front thereof; and,

D738,755 S * 9/2015 Druce D10/50

FIG. 17 is a front view showing an eleventh embodiment of a front thereof.

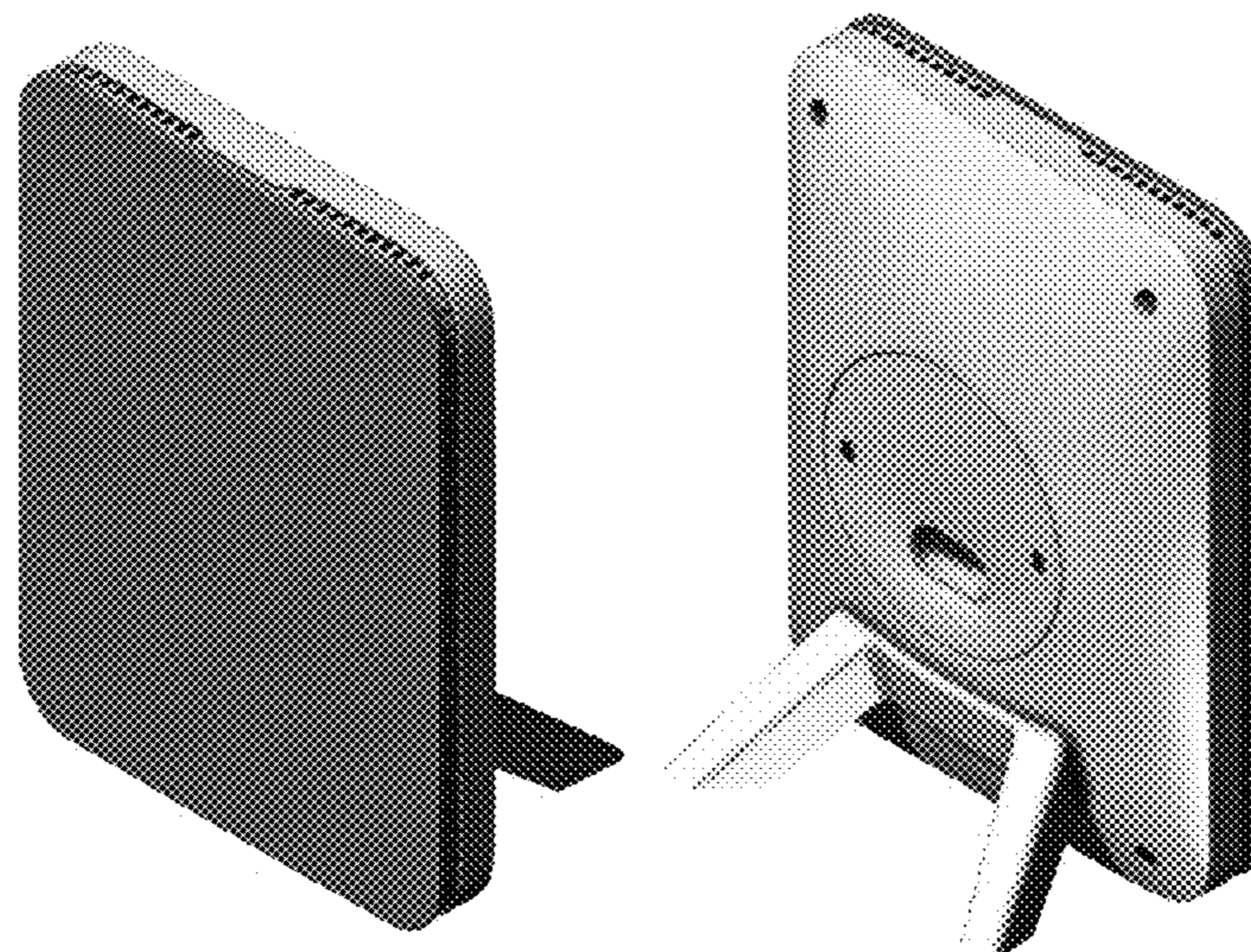
D751,426 S * 3/2016 Edgar D10/50

(Continued)

1 Claim, 17 Drawing Sheets

(17 of 17 Drawing Sheet(s) Filed in Color)

Primary Examiner — Antoine Duval Davis



(58) **Field of Classification Search**

CPC .. G01N 7/12; G01N 7/14; G01N 7/16; G01N
7/18; G01N 7/20; G01N 7/22; G01N
1/22-1/2294; G01N
2001/2217-2001/2297; G01N 25/56;
G01N 27/122; G01N 33/004-33/0075;
H04B 2001/2217; H04B 17/23

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D809,942	S	*	2/2018	Cool	.....	D10/50
D813,693	S	*	3/2018	Walker	.....	D10/53
D828,816	S	*	9/2018	Spors	.....	D13/162
D860,829	S	*	9/2019	Yun	.....	D10/53
D863,990	S	*	10/2019	Hu	.....	D10/52

* cited by examiner

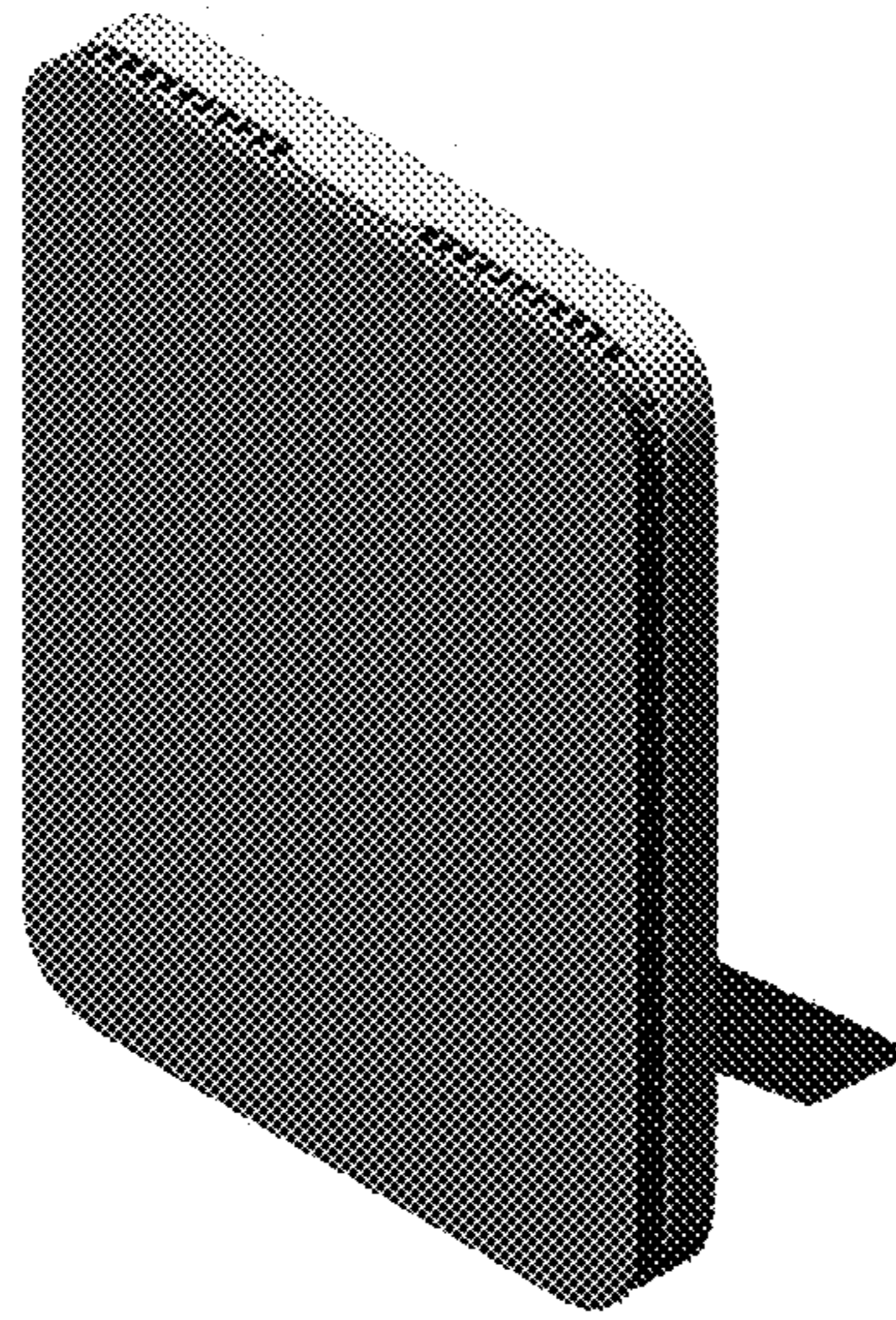


FIG. 1

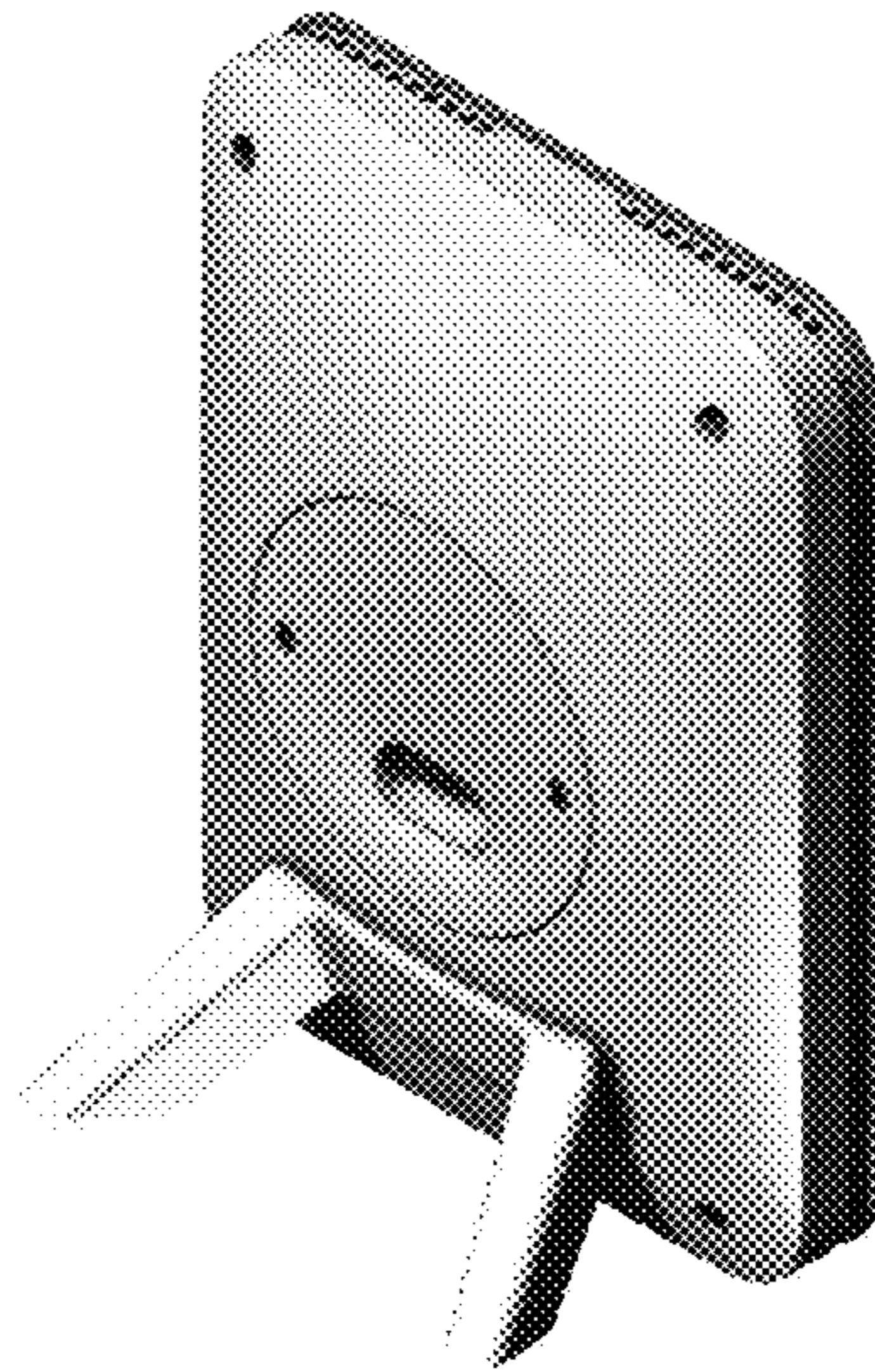


FIG. 2

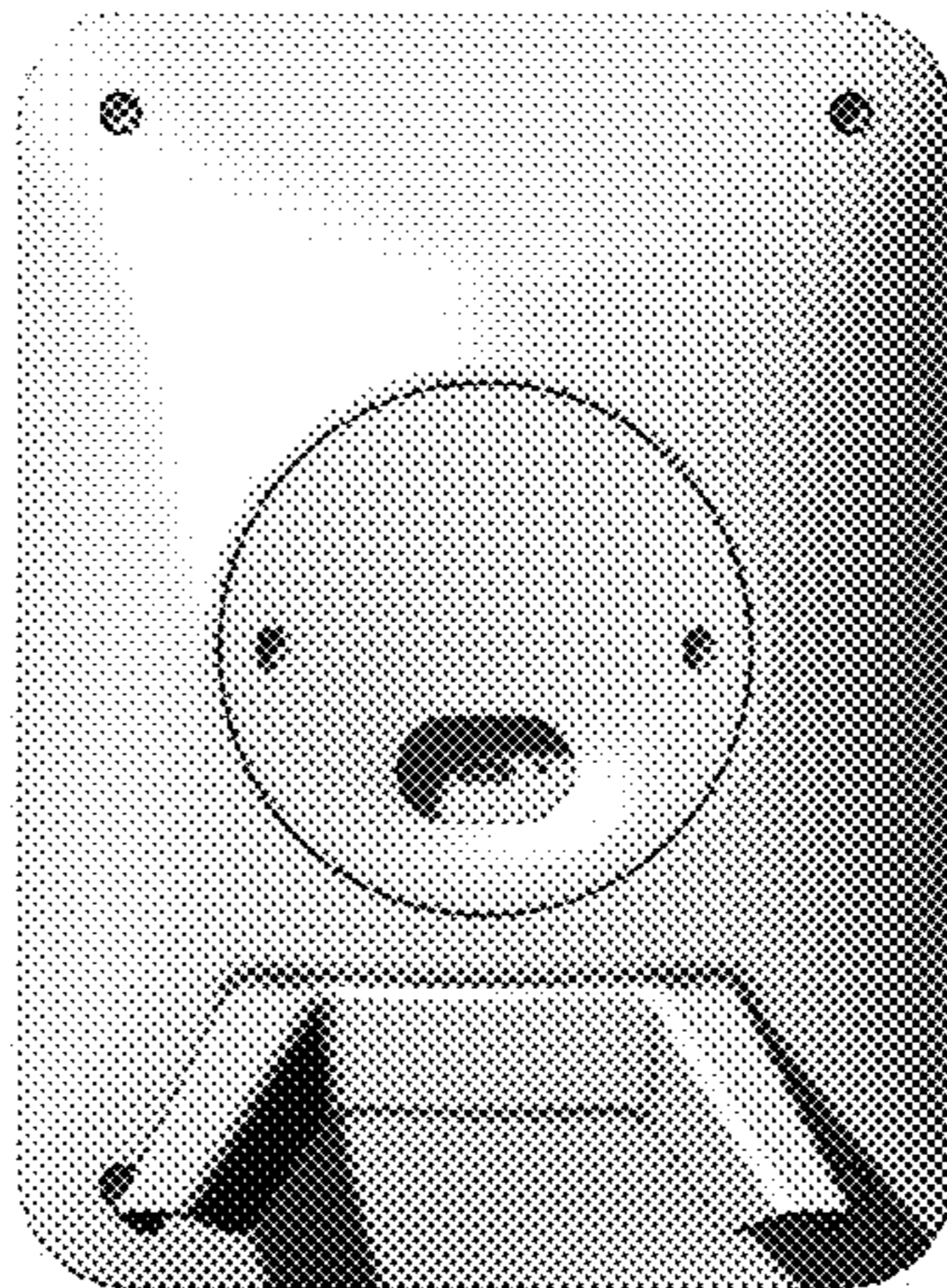


FIG. 3

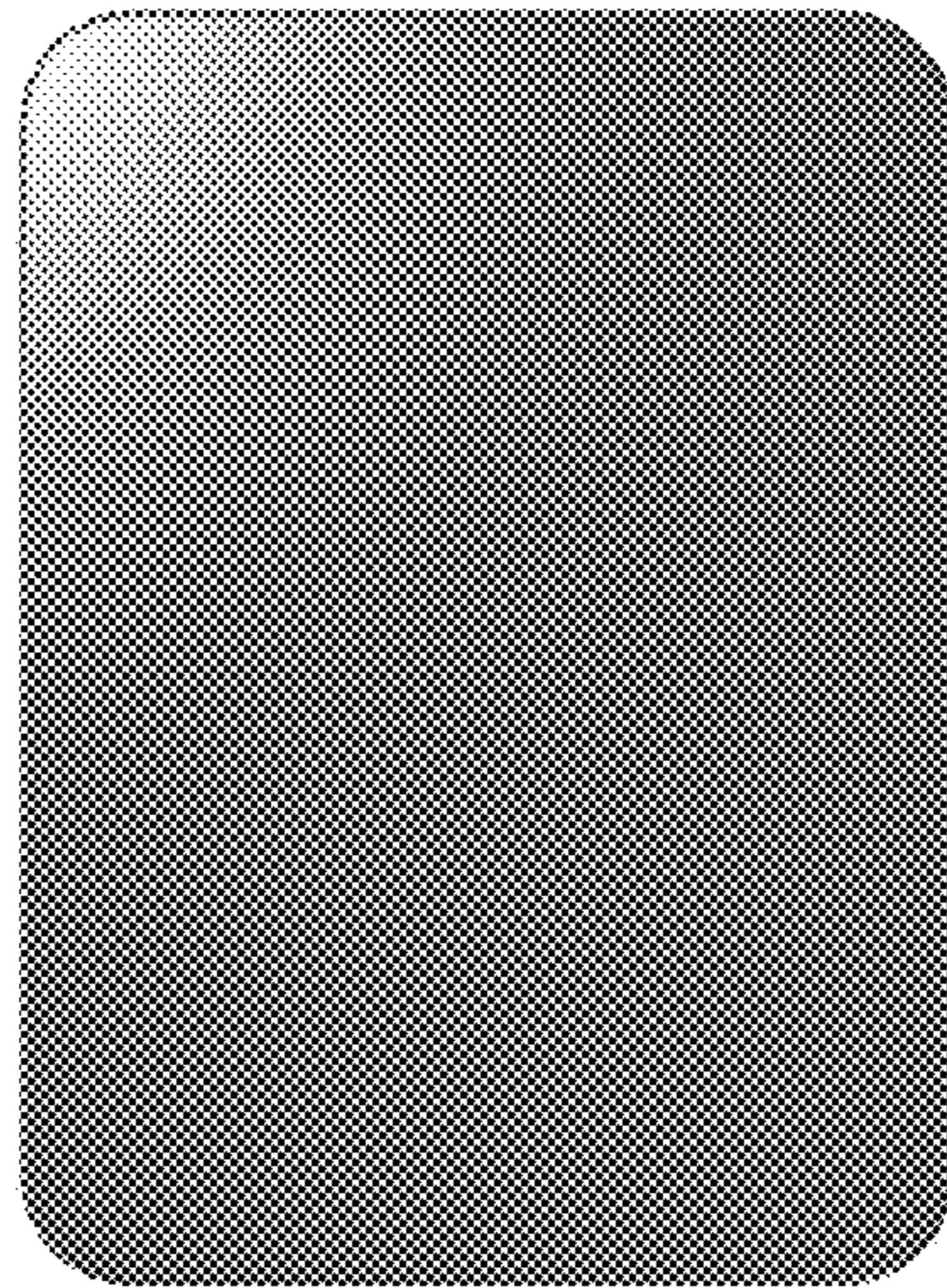


FIG. 4

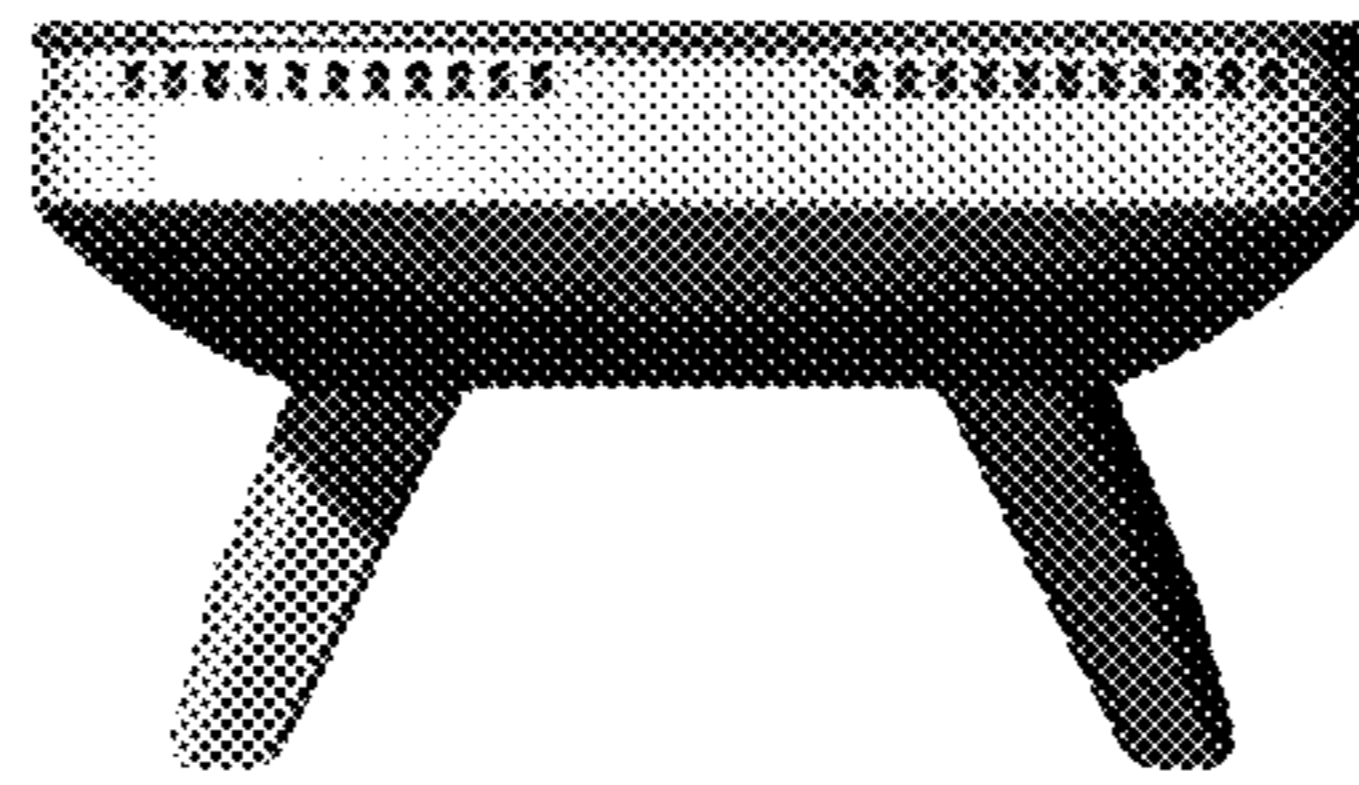


FIG. 5

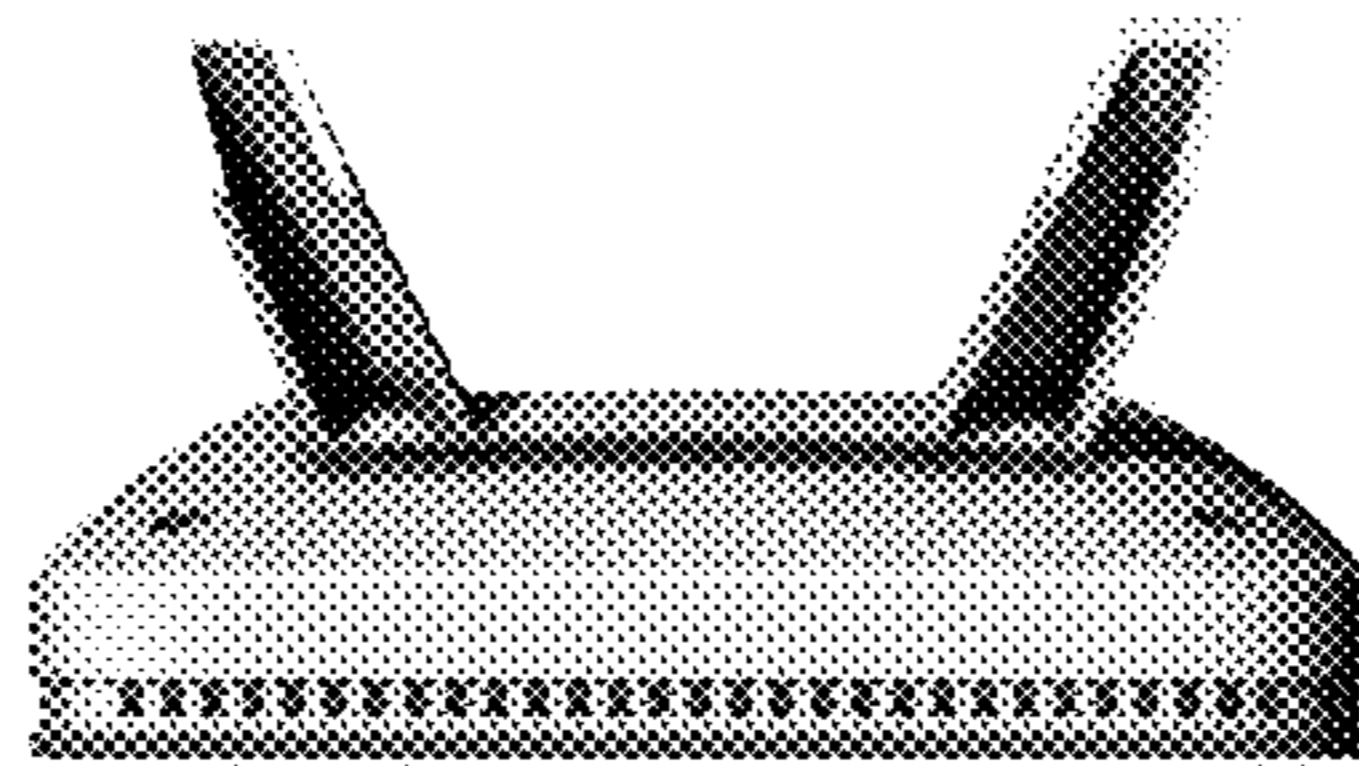


FIG. 6

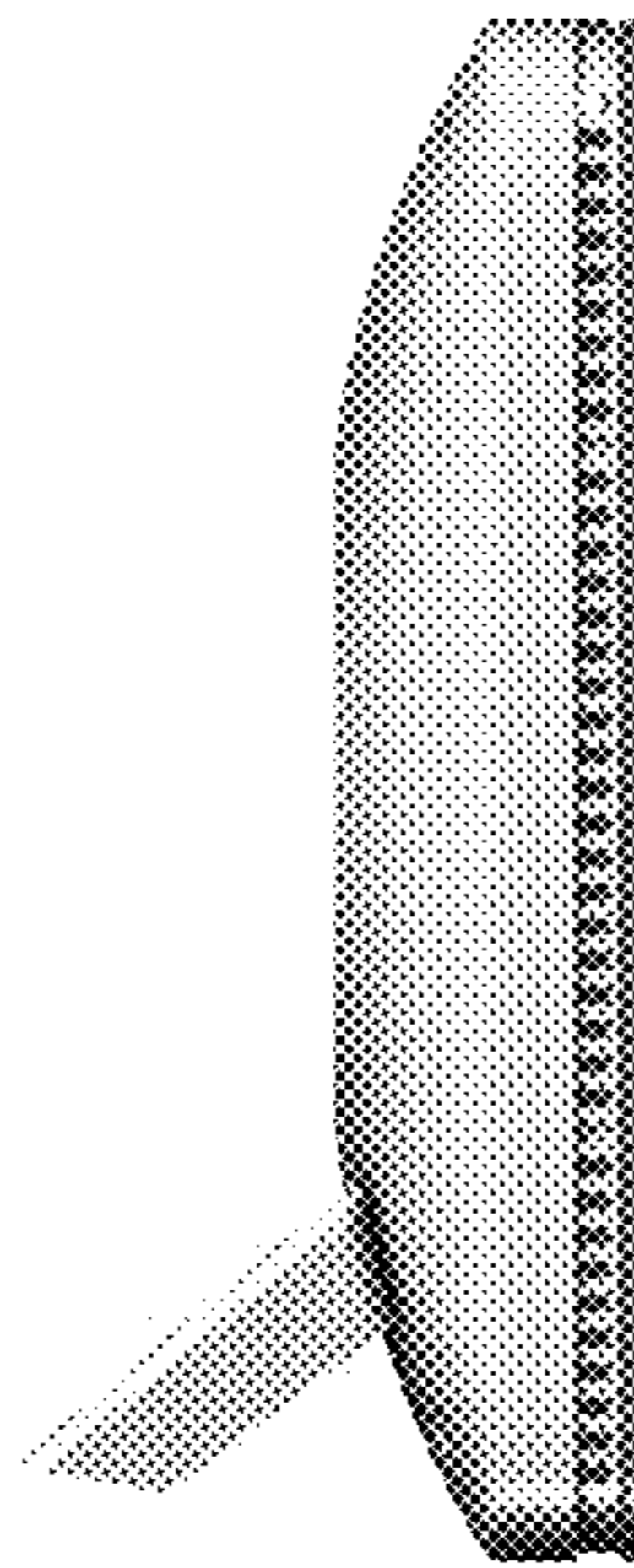


FIG. 7

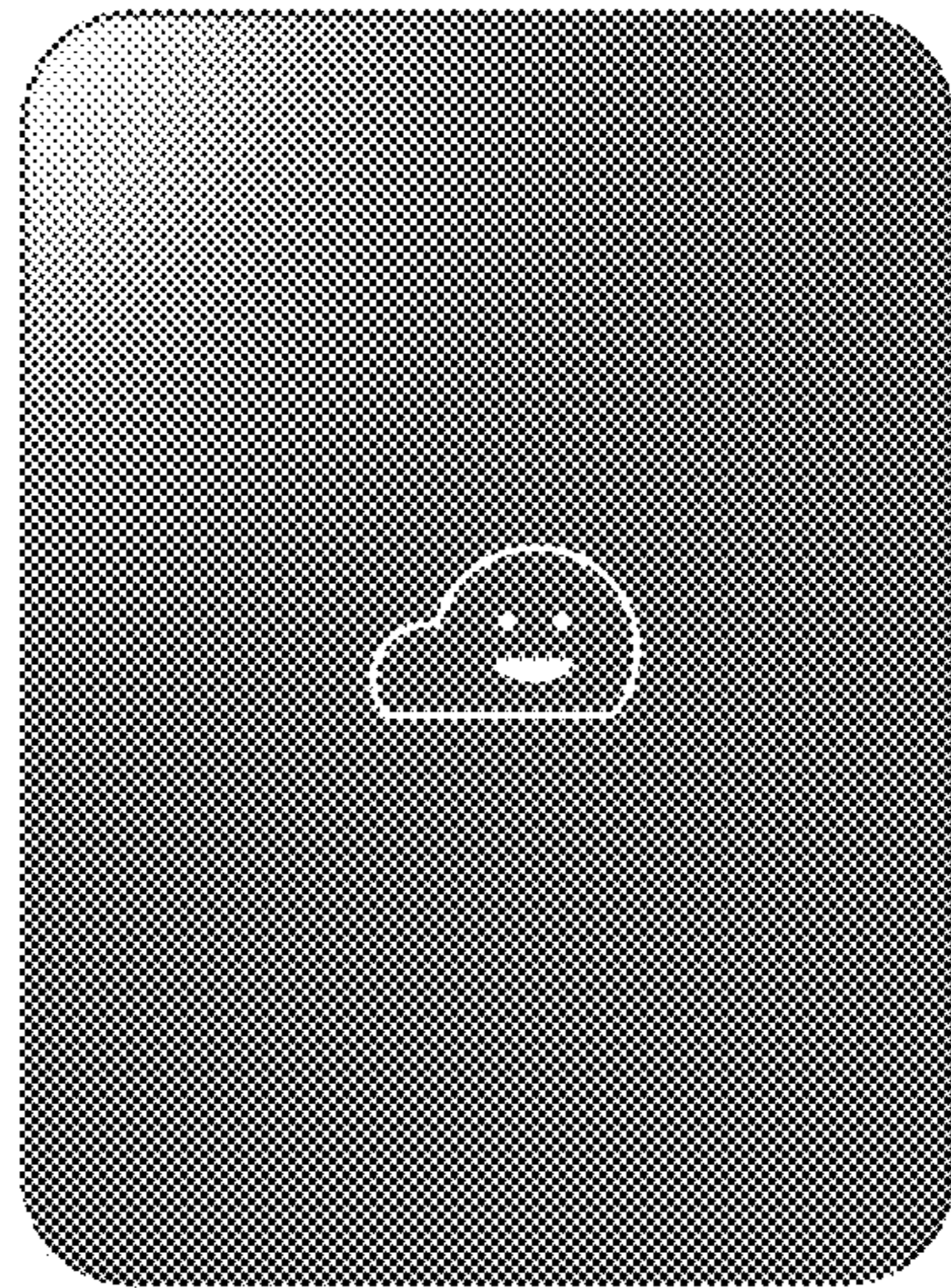


FIG. 8

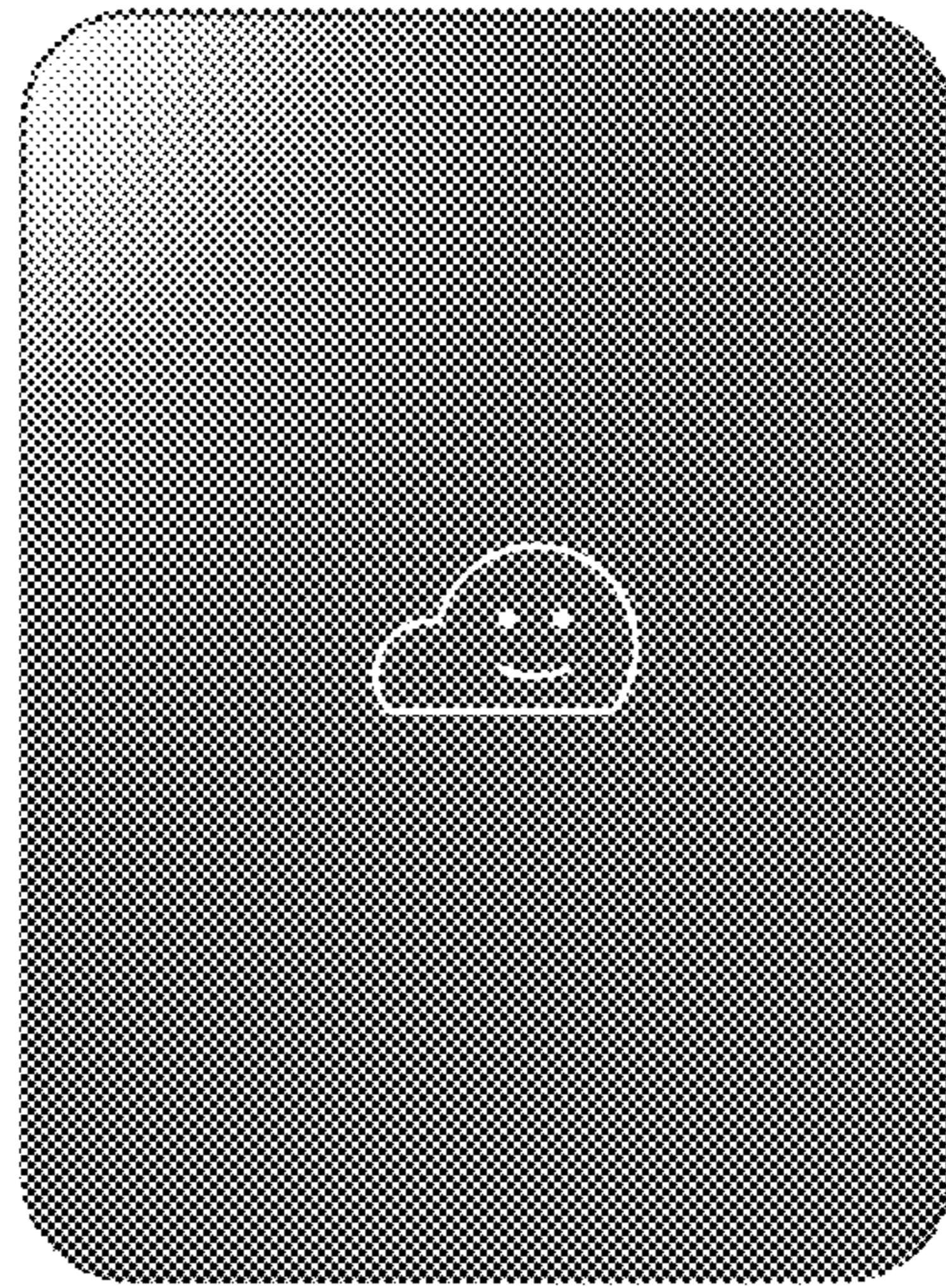


FIG. 9

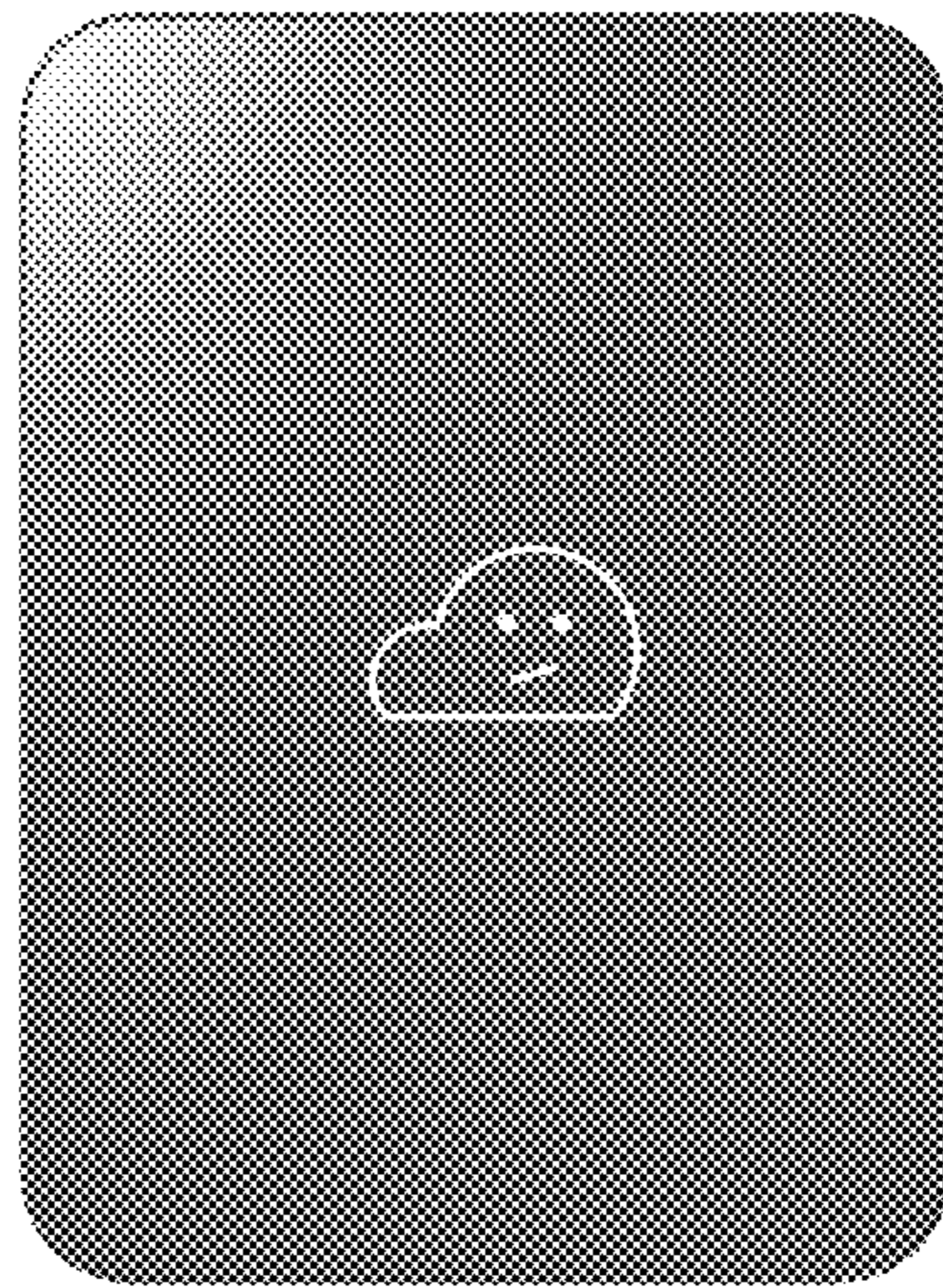


FIG. 10

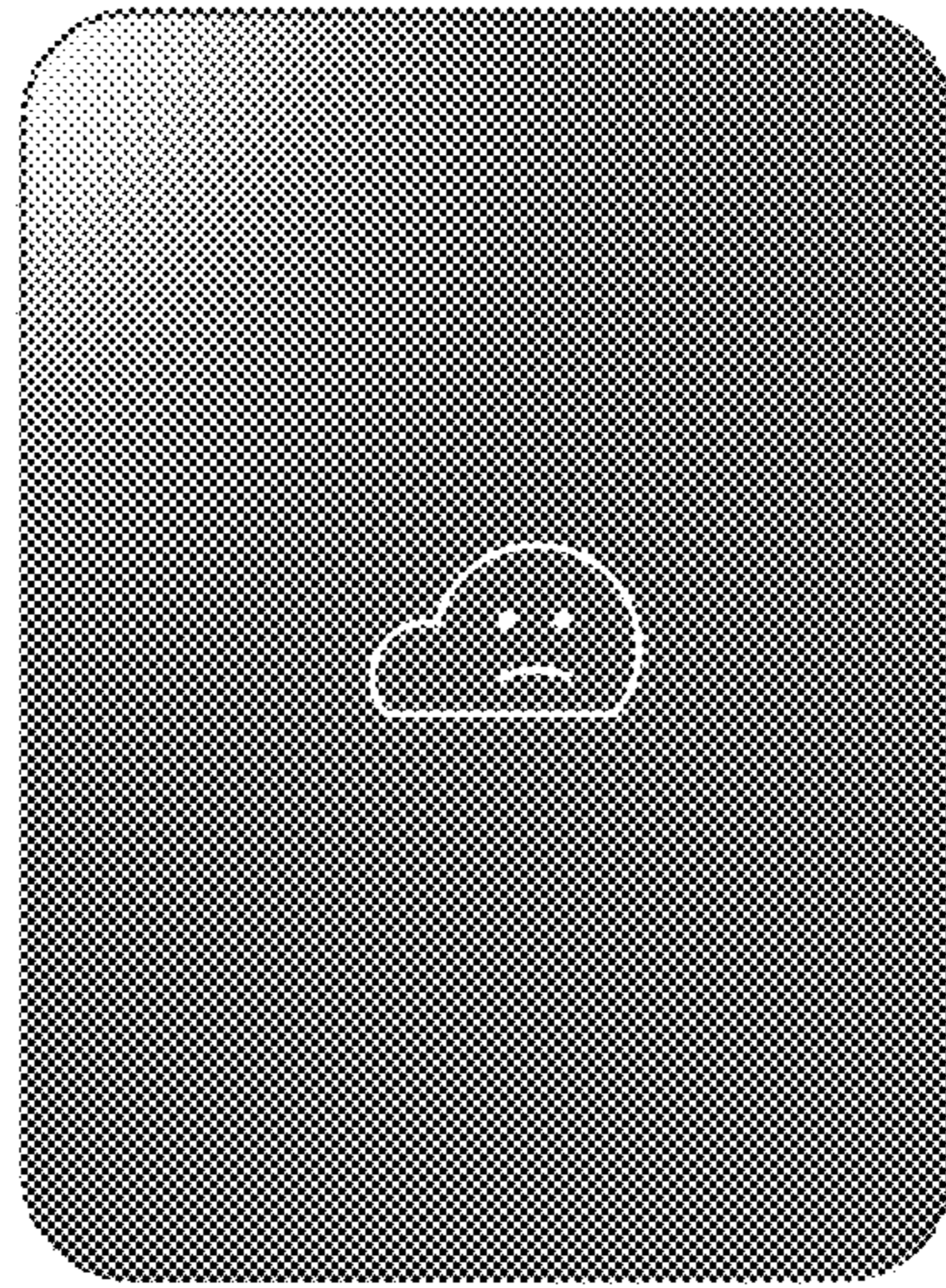


FIG. 11

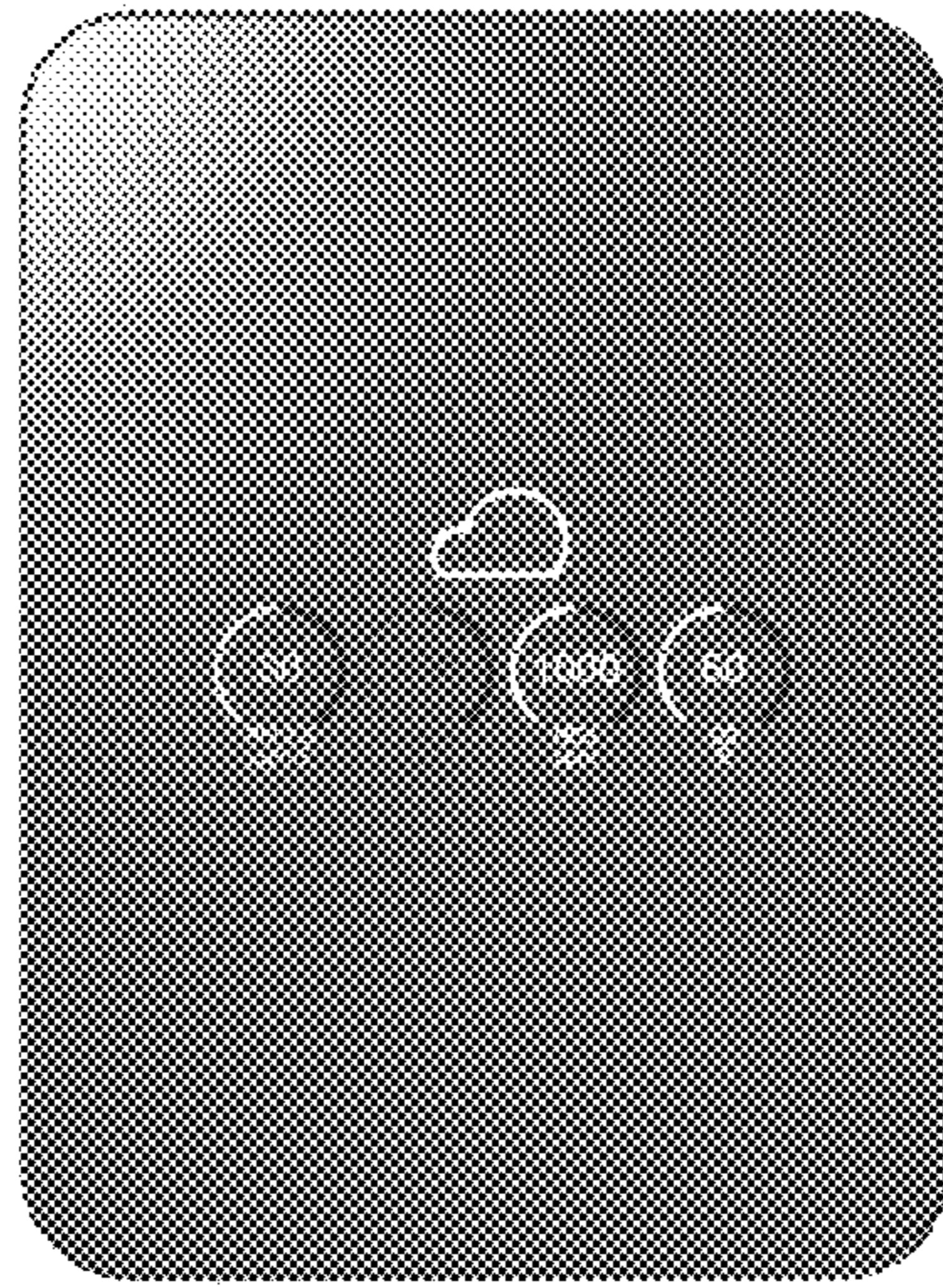


FIG. 12

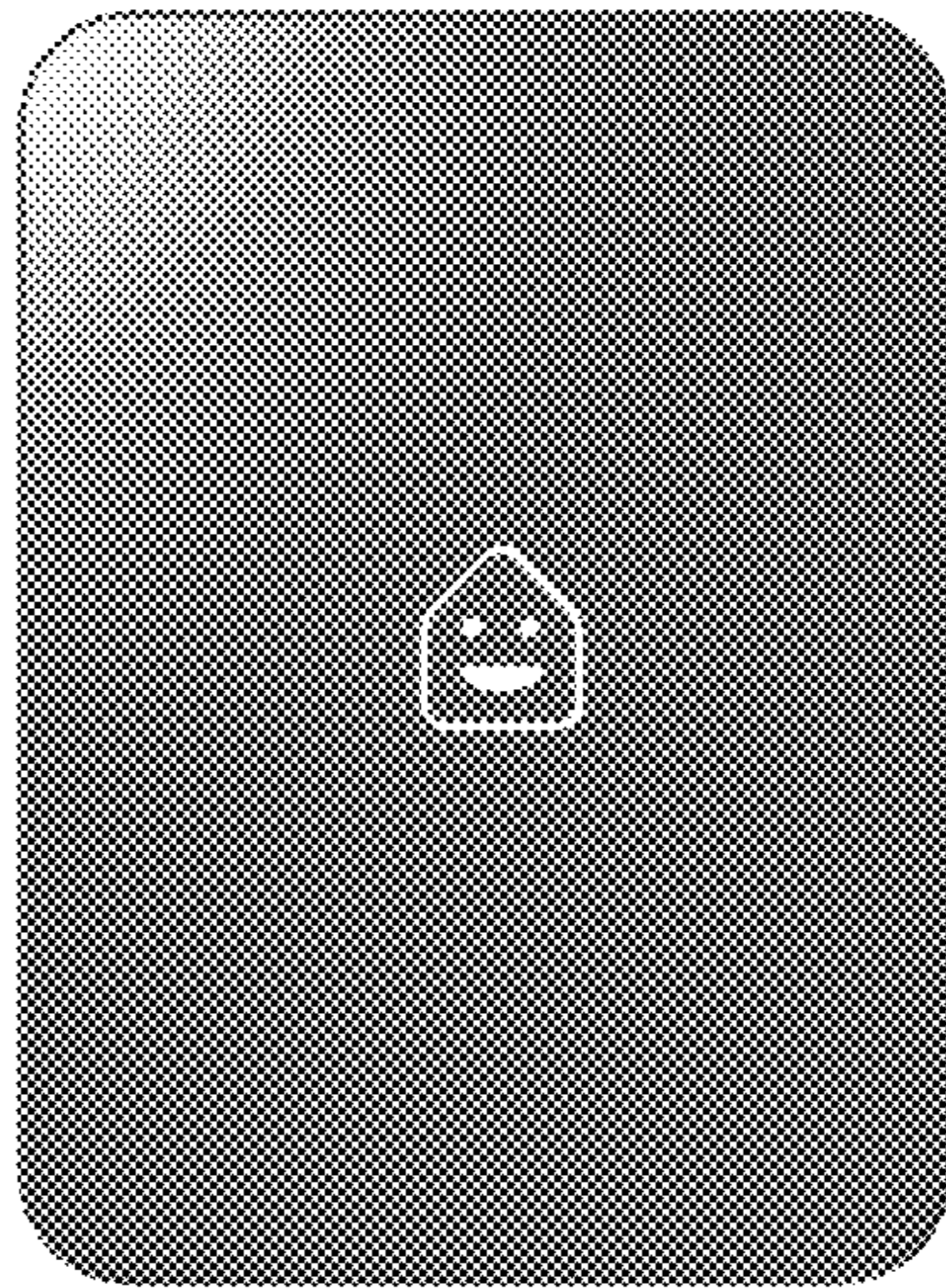


FIG. 13

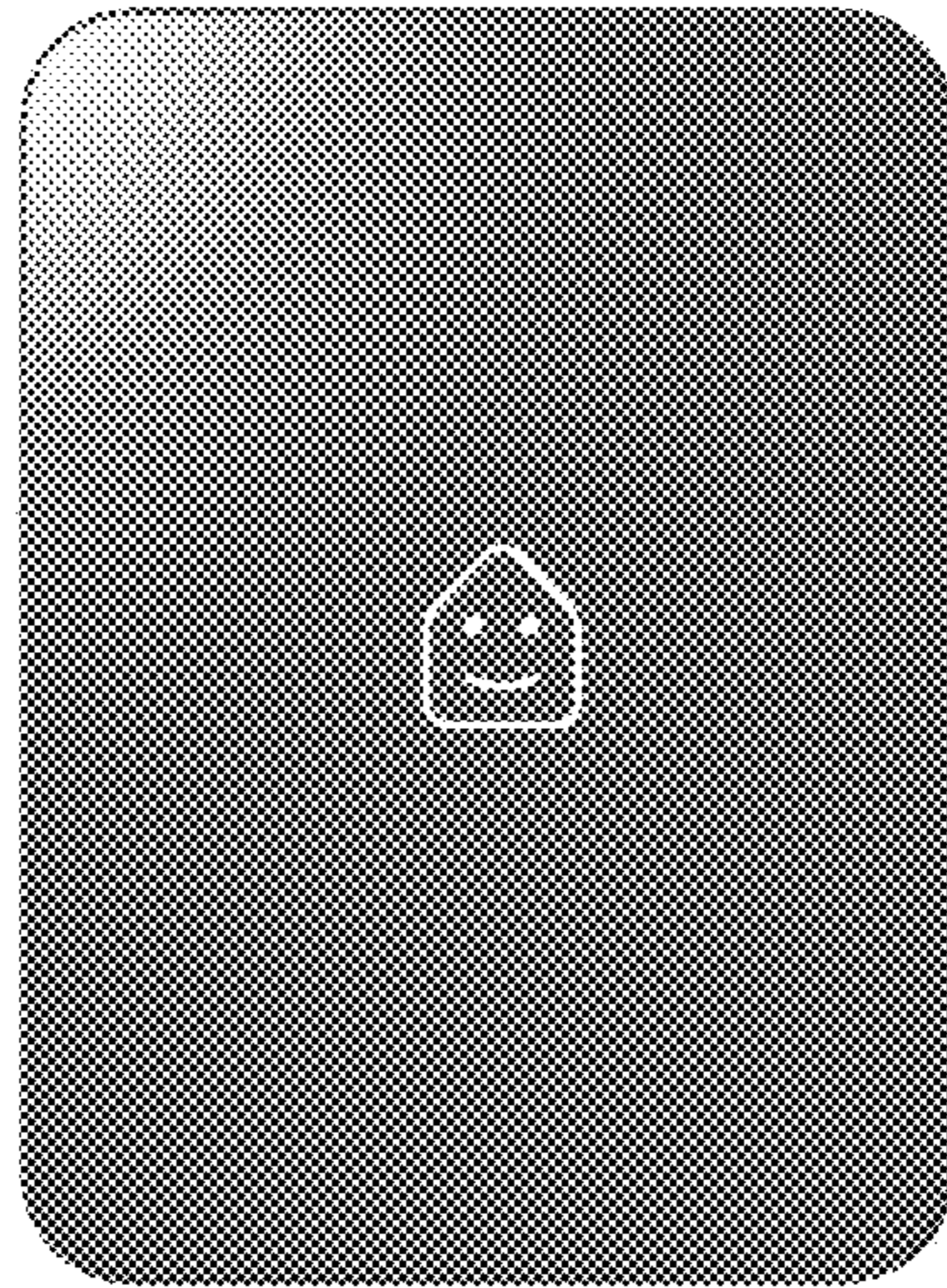


FIG. 14

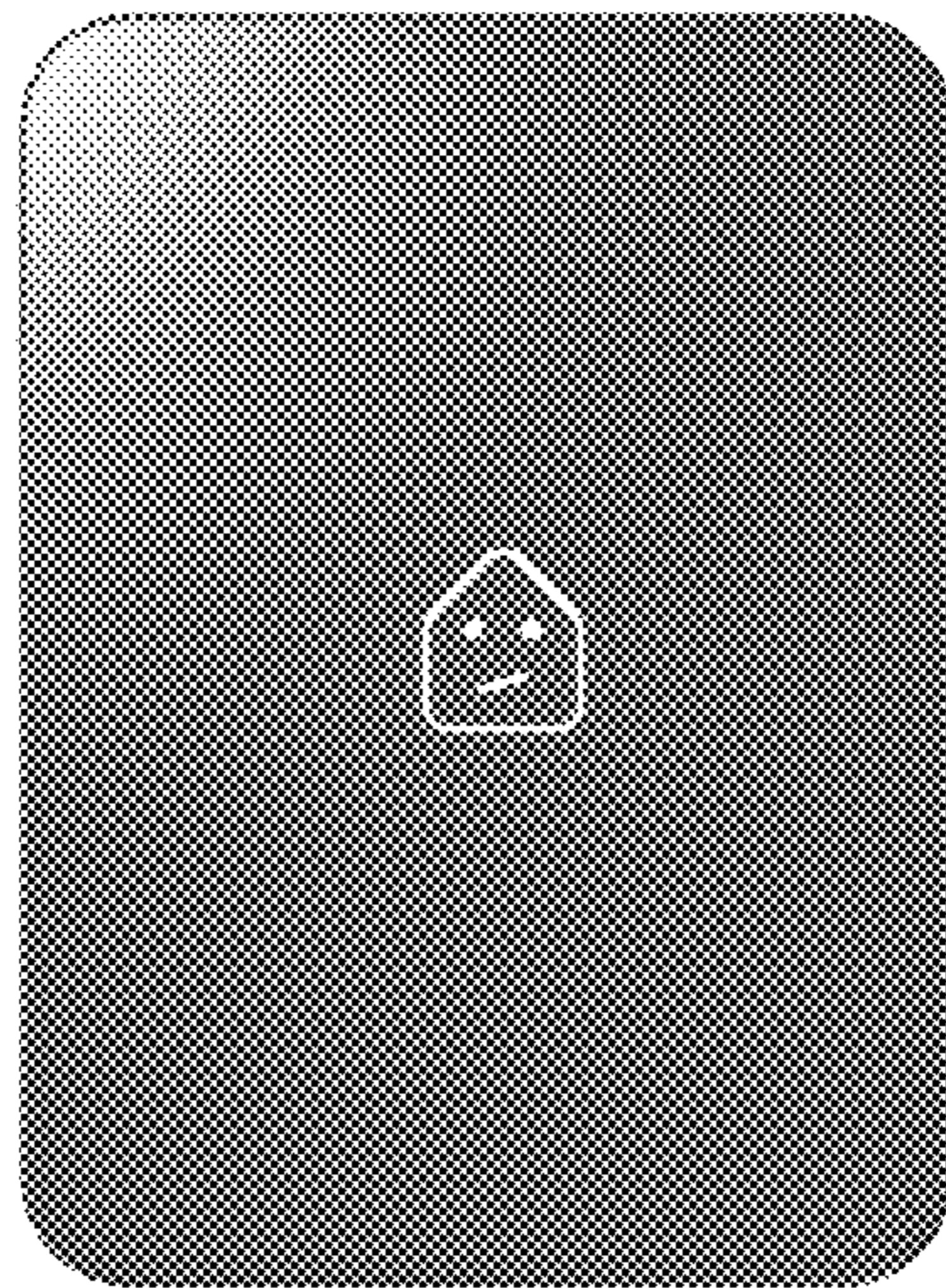


FIG. 15

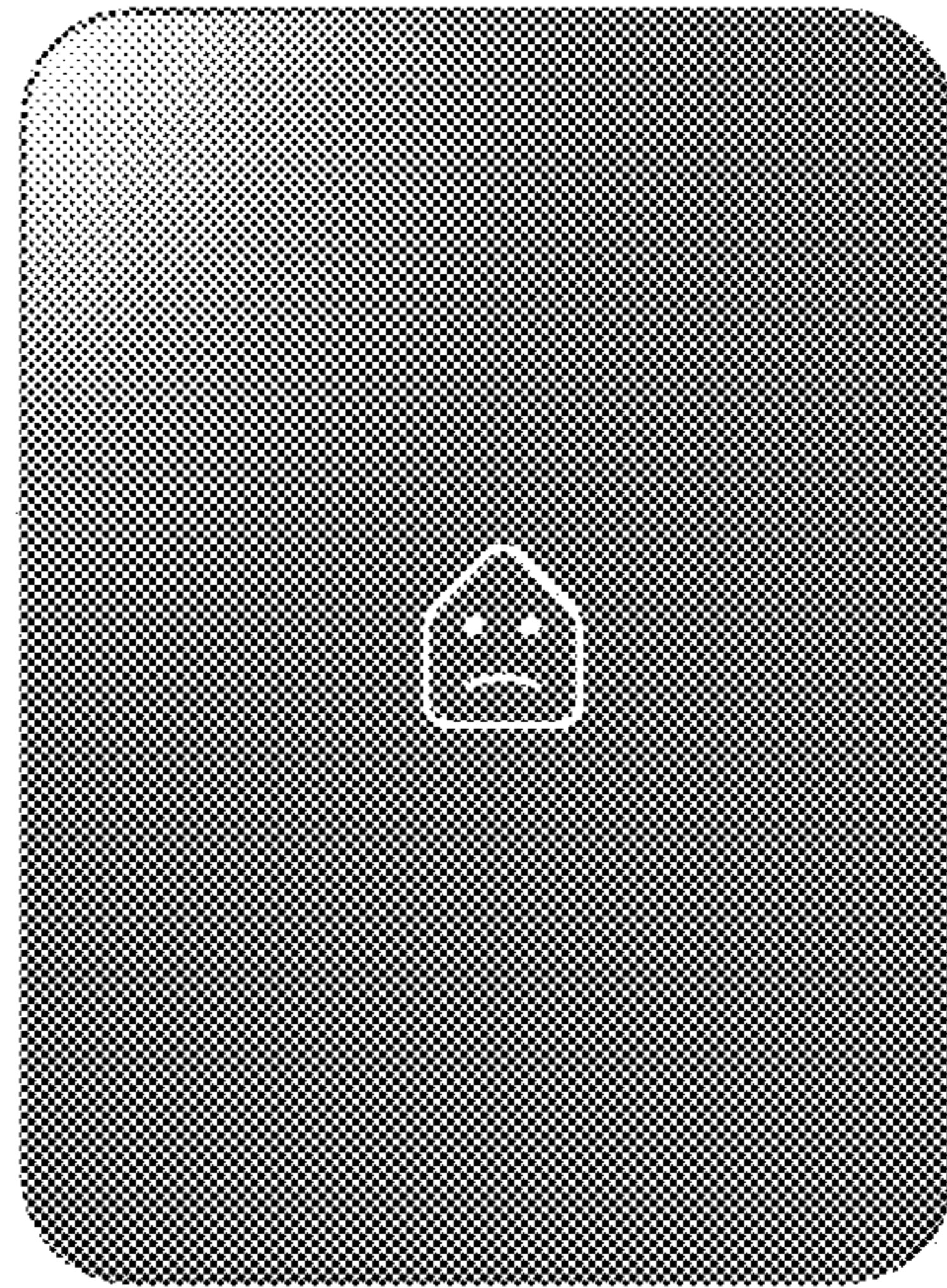


FIG. 16

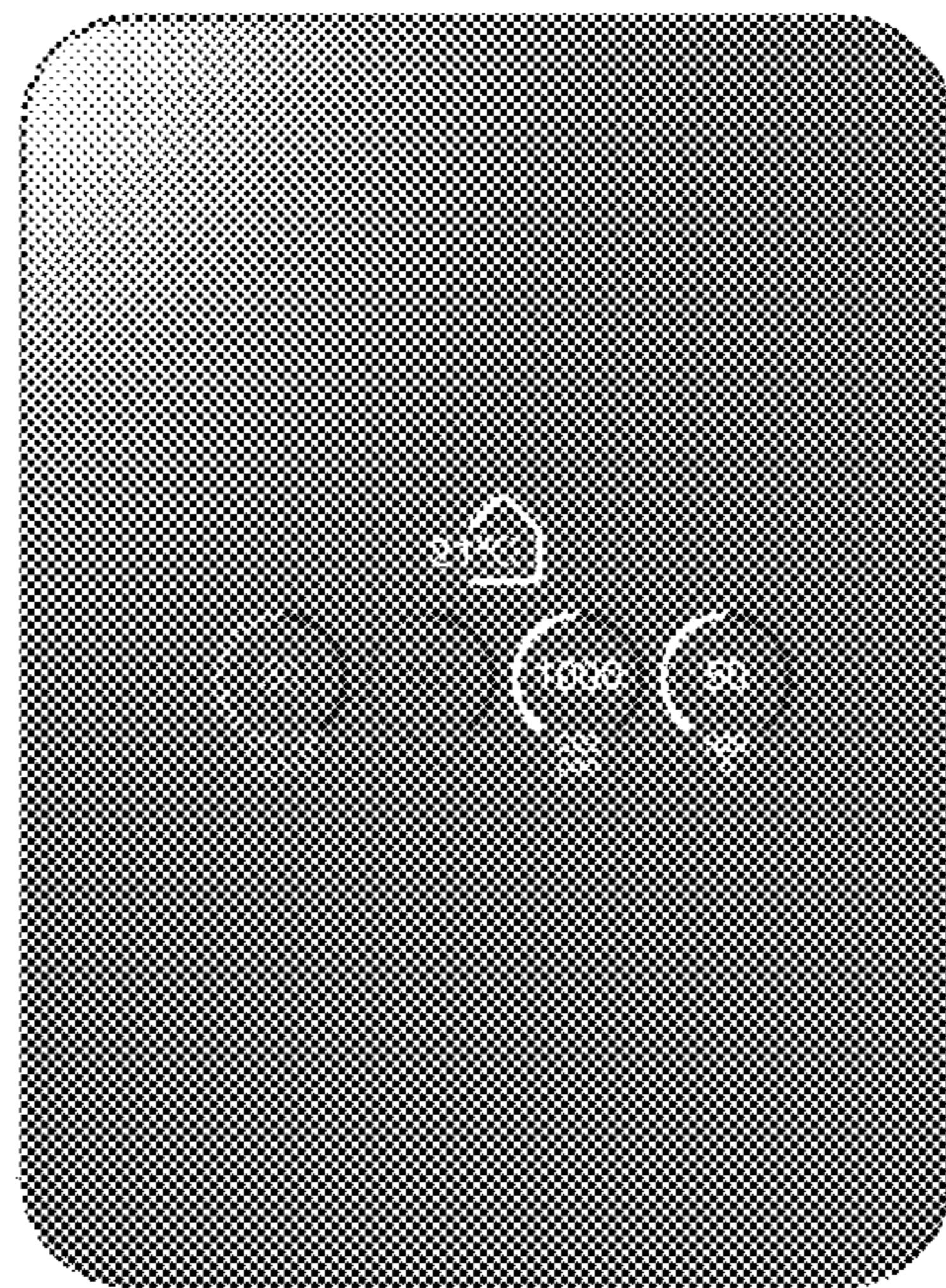


FIG. 17