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(12) **United States Design Patent** (10) **Patent No.:** **US D972,696 S**
He et al. (45) **Date of Patent:** **** Dec. 13, 2022**

(54) **DEHUMIDIFIER**

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

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Related U.S. Application Data

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(30) **Foreign Application Priority Data**

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(51) **LOC (13) Cl.** **23-04**

(52) **U.S. Cl.**
USPC **D23/359**

(58) **Field of Classification Search**

USPC D23/355-366, 369, 332, 352, 333, 335, D23/336, 342, 351
CPC .. F24F 11/30; F24F 11/46; F24F 11/56; F24F 11/52; F24F 2110/00; F24F 11/58; F24F 11/62; F24F 2110/10; F24F 2140/60; F24F 11/61; F24F 11/63; F24F 2120/10; F24F 2120/20; F24F 11/83; F24F 11/89; F24F 2110/12; F24F 11/0001; F24F 11/32; F24F 11/39; F24F 11/47; F24F 11/523; F24F 11/64; F24F 11/81; F24F 11/85; F24F 13/04; F24F 13/065; F24F

1/0003; F24F 1/0014; F24F 1/0033; F24F 1/0035; F24F 1/005; F24F 1/38; F24F 2003/0446; F24F 2003/144; F24F 2003/1617; F24F 2006/006; F24F 2006/065; F24F 2011/0002; F24F 2110/20; F24F 2110/50; F24F 2120/12; F24F 2130/00; F24F 2130/10; F24F 2130/40; F24F 2140/10; F24F 2140/40; F24F 2221/32; F24F 3/001; F24F 3/044; F24F 3/14; F24F 3/1417; F24F 3/1603; F24F 5/001; F24F 6/06; F24F 6/10; F24F 6/12; F24F 6/16

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D746,967 S *	1/2016	Lee	.....	D23/356
D844,126 S *	3/2019	Sheng	.....	D23/359
D844,766 S *	4/2019	Miao	.....	D23/364
D864,367 S *	10/2019	Chen	.....	D23/356
D870,873 S *	12/2019	Chen	.....	D23/356
D903,844 S *	12/2020	Chen	.....	D23/356
D933,183 S *	10/2021	Leyden	.....	D23/366

(Continued)

Primary Examiner — Khawaja Anwar

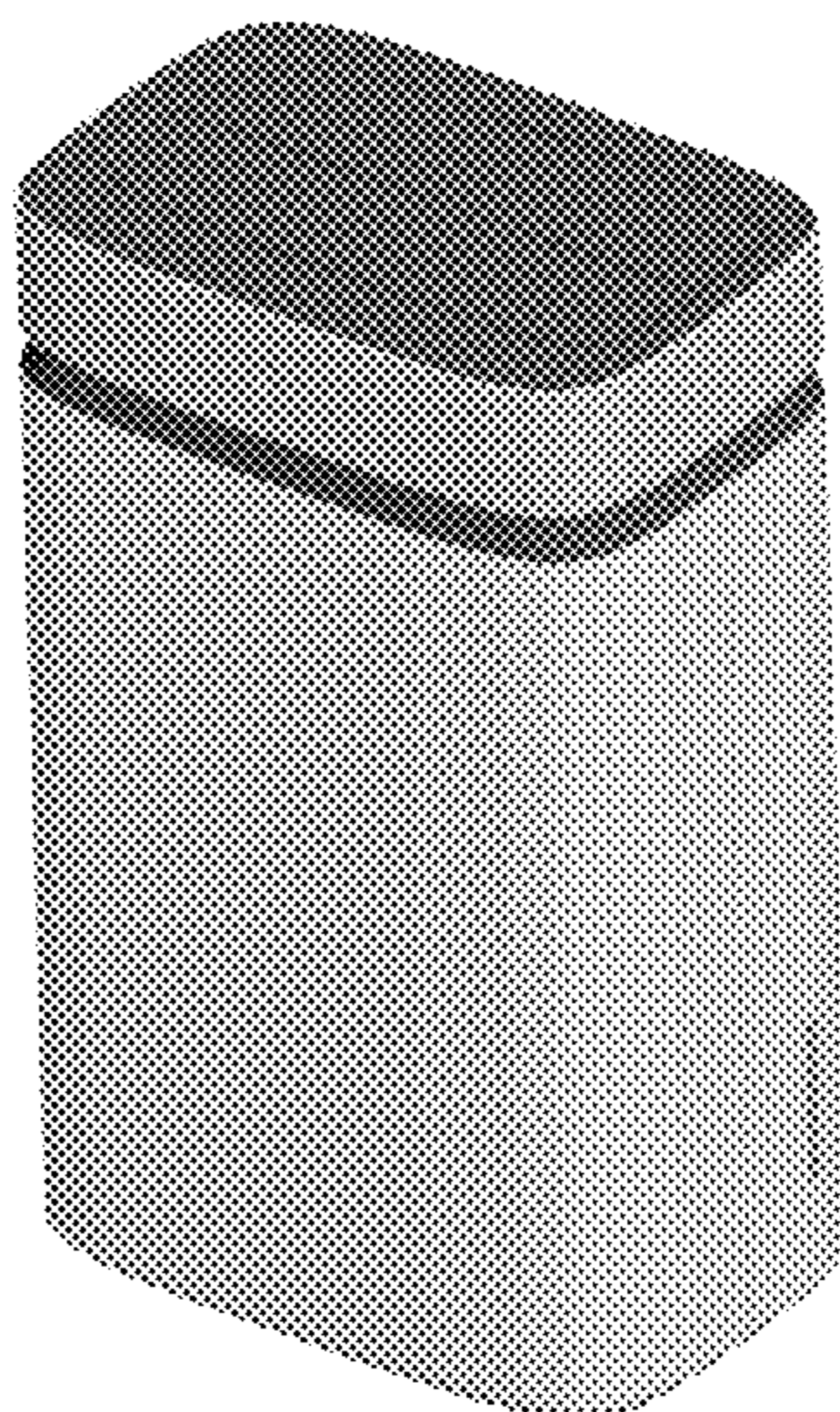
(57) **CLAIM**

The ornamental design for a dehumidifier, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a dehumidifier showing my 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 plan view thereof; and,
FIG. 7 is a bottom plan view thereof.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D934,402 S *	10/2021	Fitsch	D23/356
D936,197 S *	11/2021	Wang	D23/359
D936,200 S *	11/2021	Yang	D23/364
D939,069 S *	12/2021	Yang	D23/356
D948,686 S *	4/2022	Long	D23/356
D950,696 S *	5/2022	Xie	D23/359
D952,114 S *	5/2022	Kim	D23/364
D953,504 S *	5/2022	Zhou	D23/359
D958,952 S *	7/2022	Sward	D23/364
D960,337 S *	8/2022	Sun	D23/356
D961,749 S *	8/2022	Wang	D23/359

* cited by examiner



FIG.1

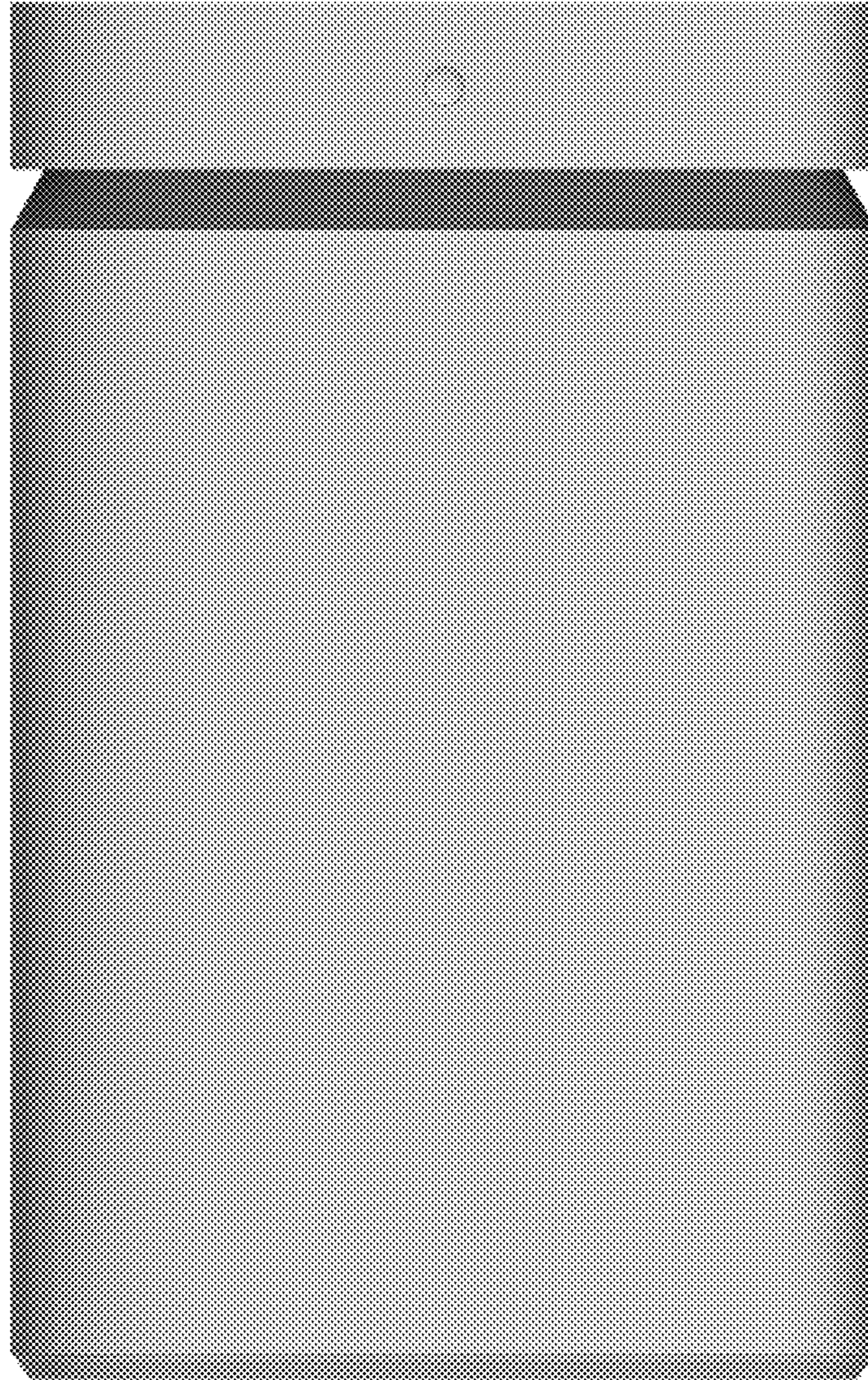


FIG.2

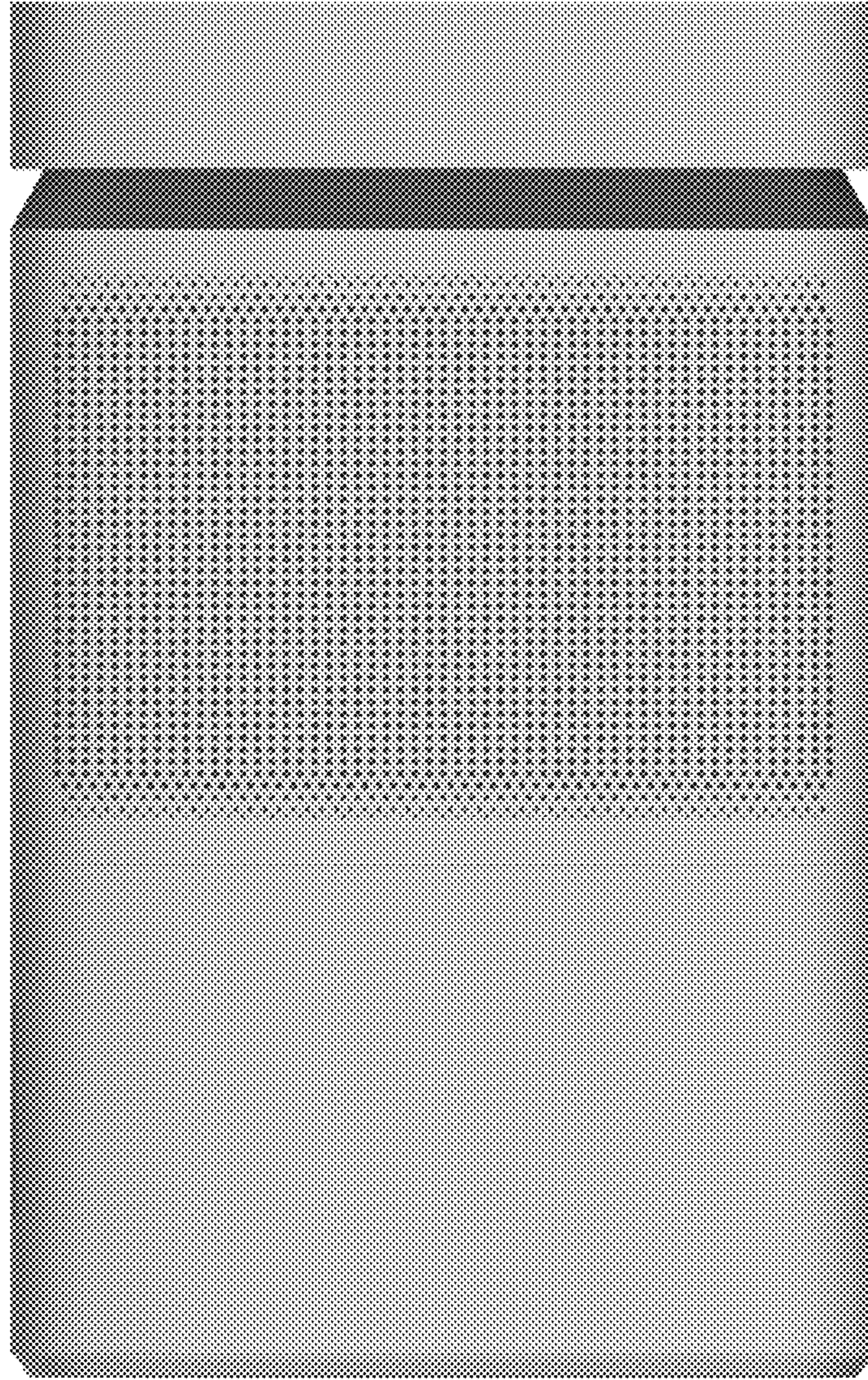


FIG. 3

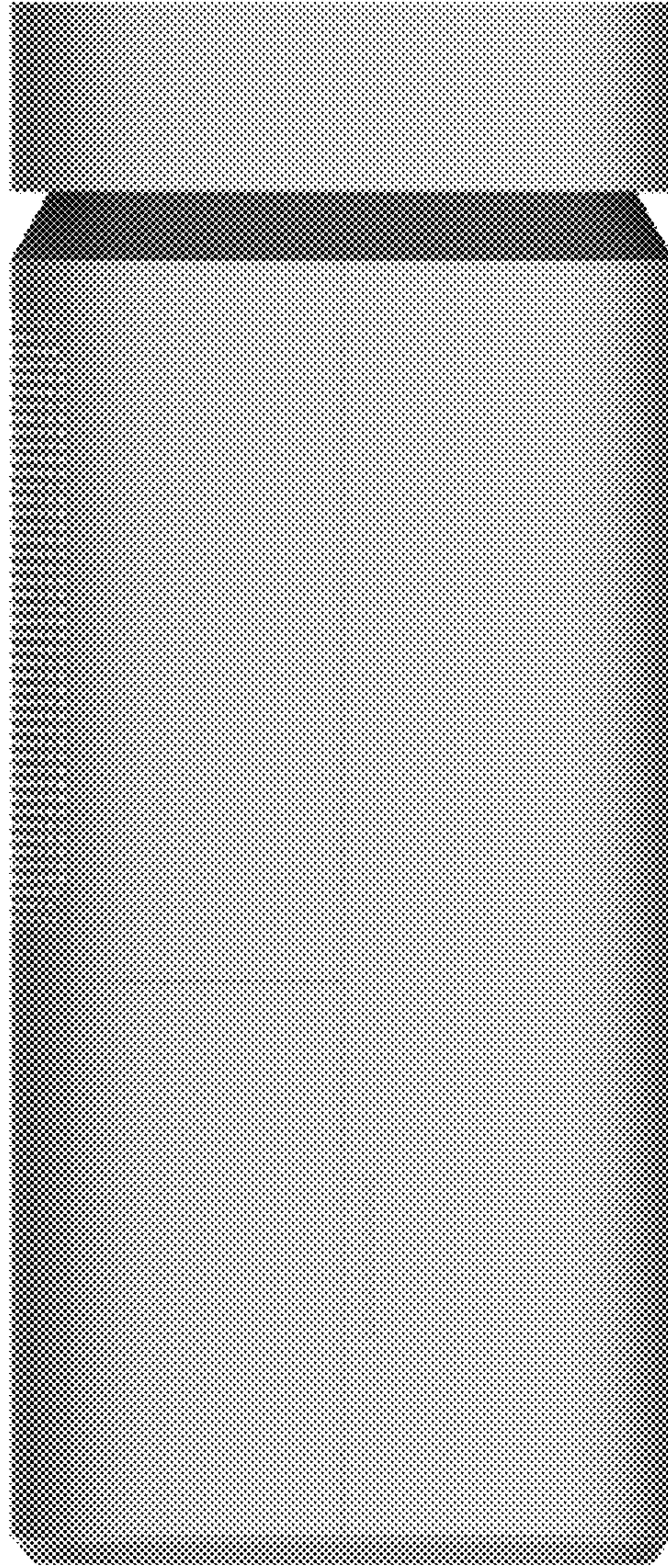


FIG. 4

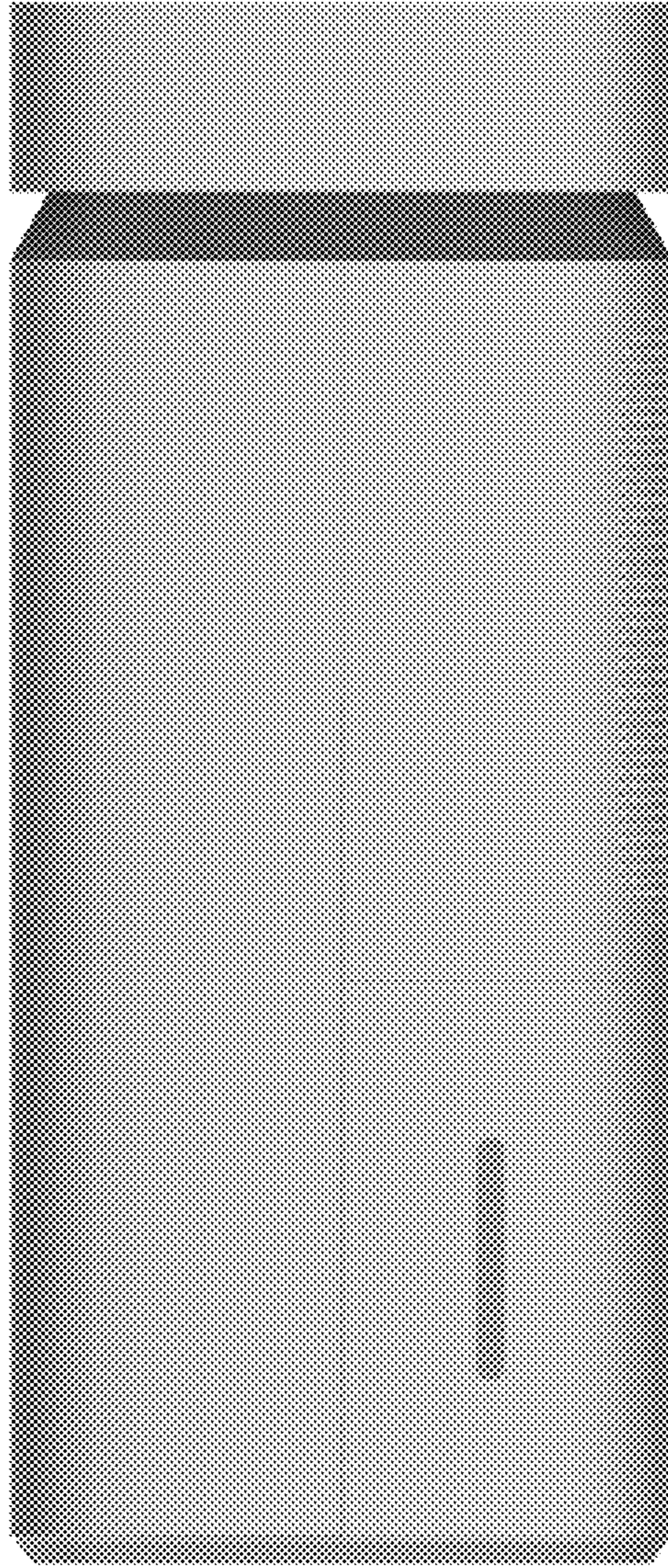


FIG. 5

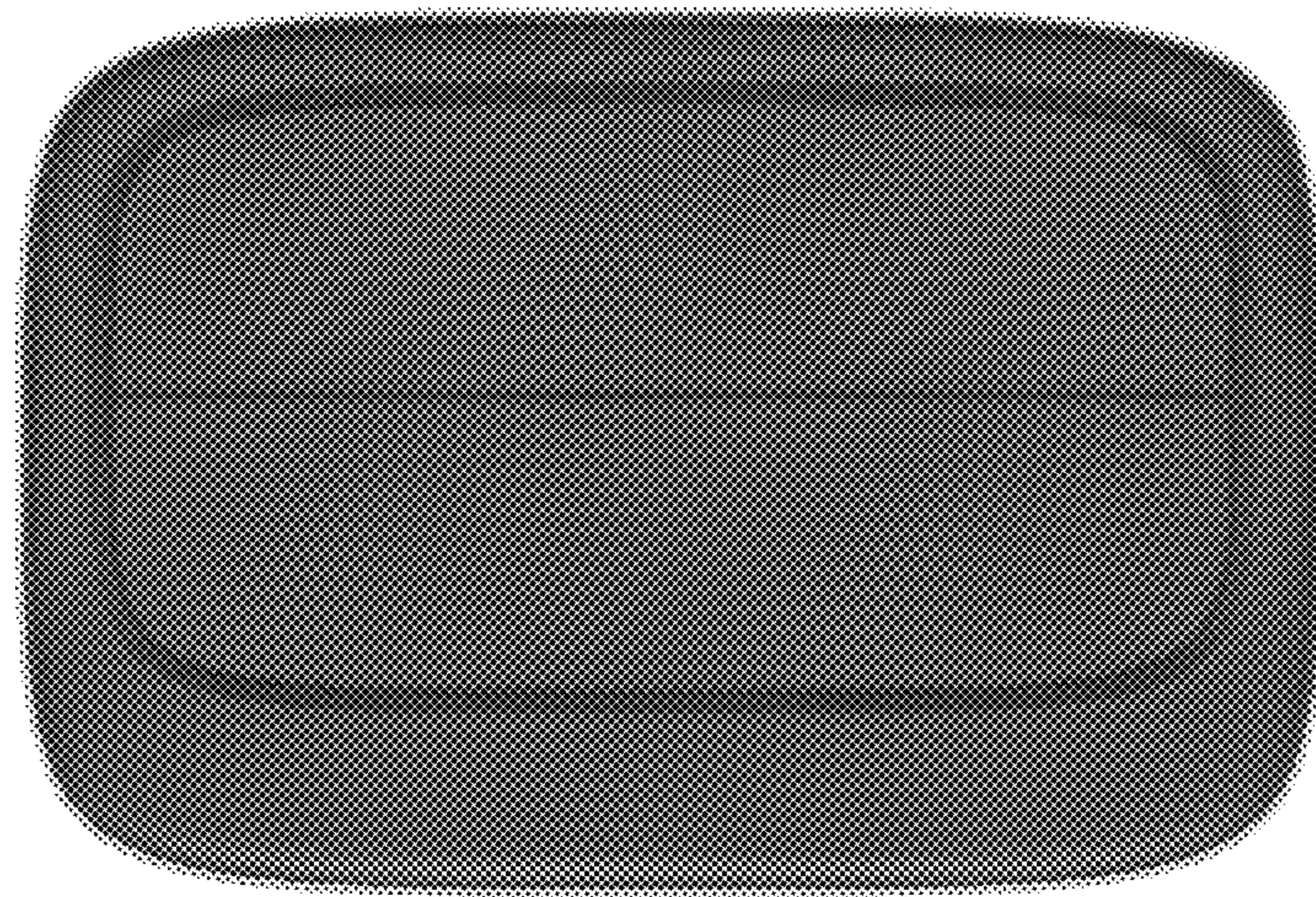


FIG.6

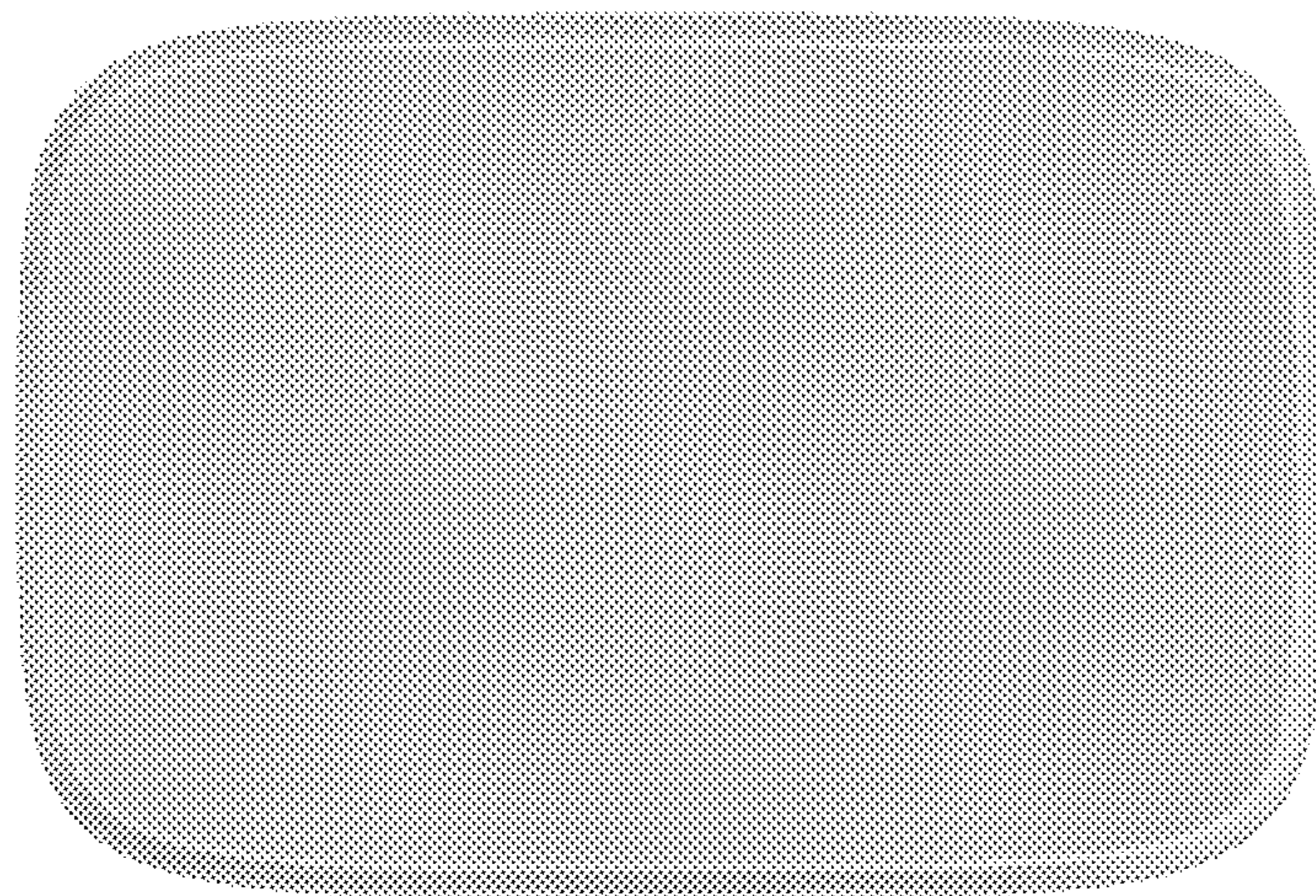


FIG.7