



US00D944380S

(12) **United States Design Patent** (10) **Patent No.:** **US D944,380 S**  
**Xu et al.** (45) **Date of Patent:** **\*\* Feb. 22, 2022**

(54) **AIR PURIFIER**

G05D 23/1932; G05D 23/1902; G05D 23/1931; G05B 19/0426; G05B 19/409; G05B 15/02

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See application file for complete search history.

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(Continued)

*Primary Examiner* — Natasha Vujcic

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

(21) Appl. No.: **35/510,370**

(22) Filed: **Aug. 11, 2020**

(57) **CLAIM**

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

(80) **Hague Agreement Data**

Int. Filing Date: **Aug. 11, 2020**  
Int. Reg. No.: **DM/210220**  
Int. Reg. Date: **Aug. 11, 2020**  
Int. Reg. Pub. Date: **Sep. 18, 2020**

**DESCRIPTION**

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.

(30) **Foreign Application Priority Data**

Mar. 7, 2020 (CN) ..... 202030074215.4

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

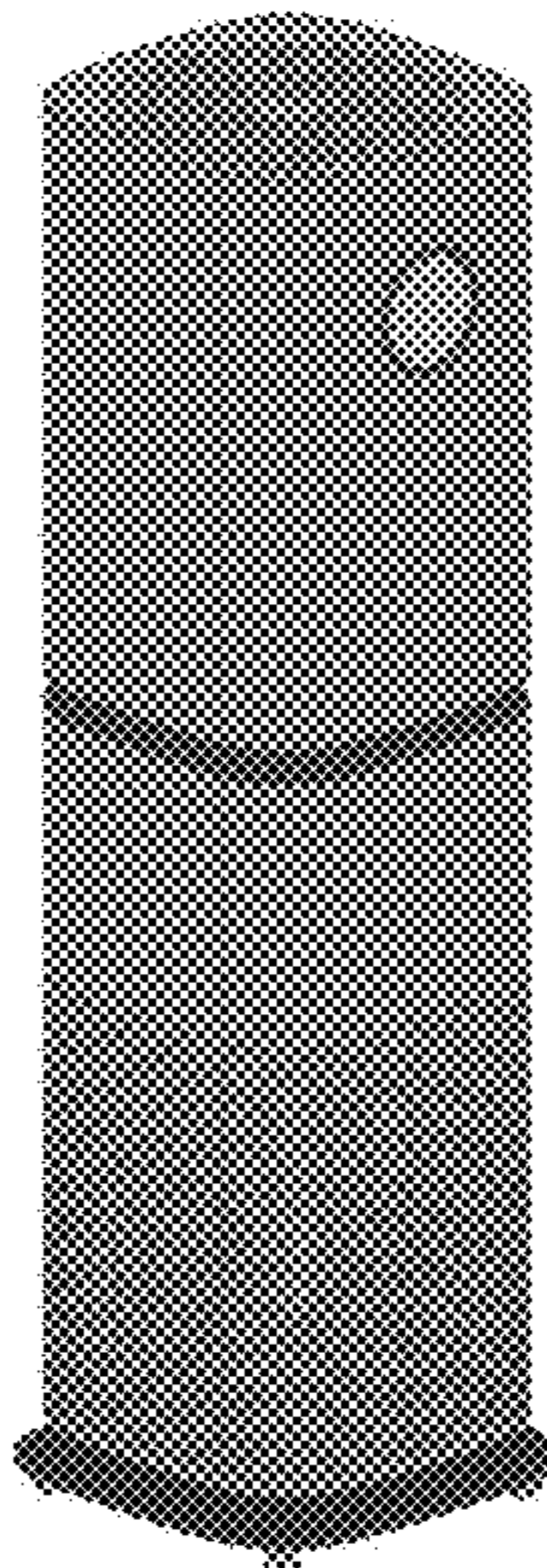
(52) **U.S. Cl.**  
USPC ..... **D23/364**

(58) **Field of Classification Search**  
USPC ..... D23/332, 333, 335, 342, 366, 351-354, D23/355, 356, 364, 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; F24F 11/30; F24F 11/62; F24F 11/46; F24F 11/56; F24F 11/58; F24F 11/52; F24F 11/32; F24F 11/63; F24F 11/64; F24F 11/70; F24F 11/76; F24F 11/85; F24F 11/88; F24F 11/89; G05D 23/1905;

- 1. Air purifier
- 1.1 : Front
- 1.2 : Back
- 1.3 : Left
- 1.4 : Right
- 1.5 : Top
- 1.6 : Bottom
- 1.7 : Perspective

The present design is an air purifier; the use of the present design product: the design product is used to purify air and sterilize; the protection is sought for the shape of the product; the picture or photo best showing the present design is a perspective view.

**1 Claim, 7 Drawing Sheets**  
**(7 of 7 Drawing Sheet(s) Filed in Color)**



(56)

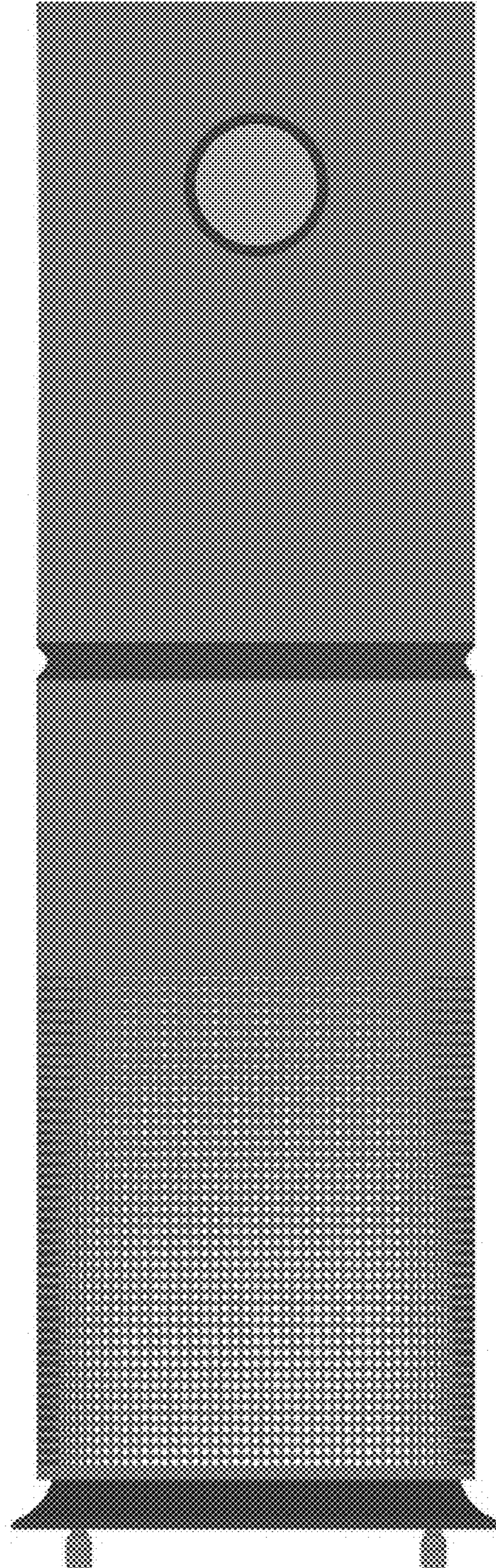
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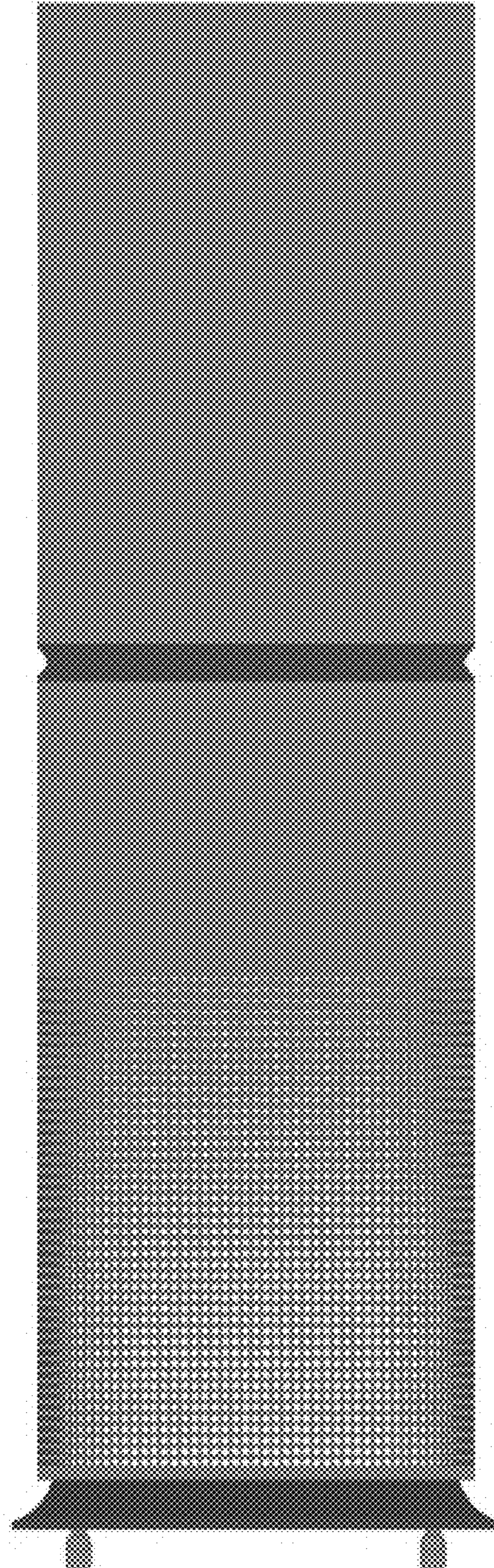
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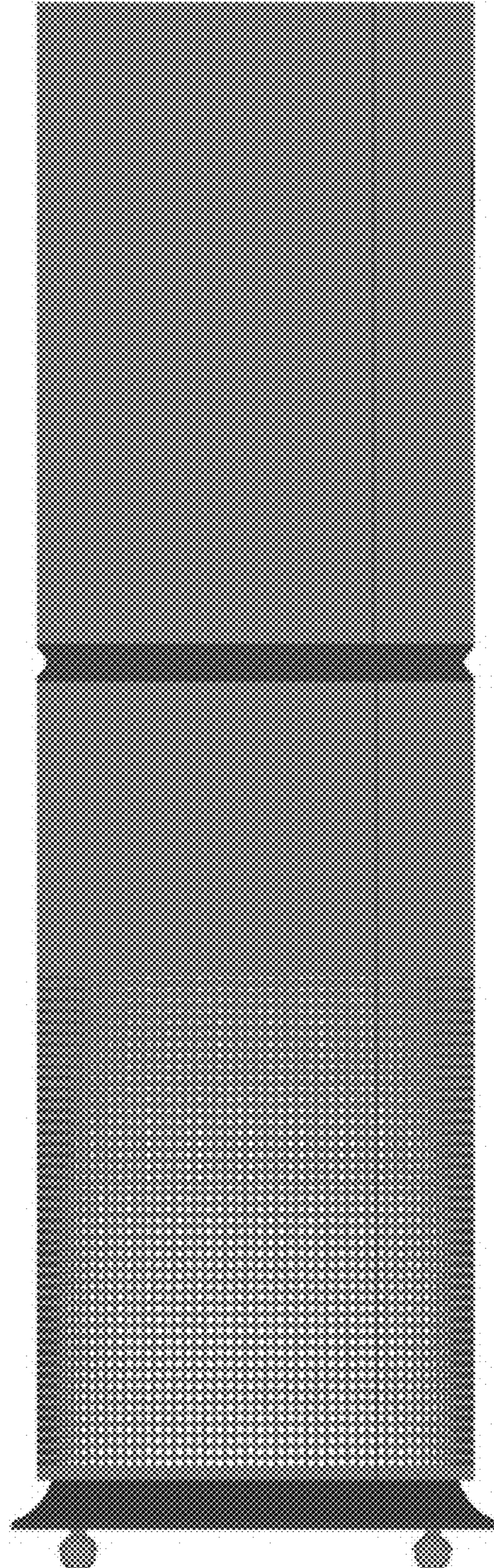




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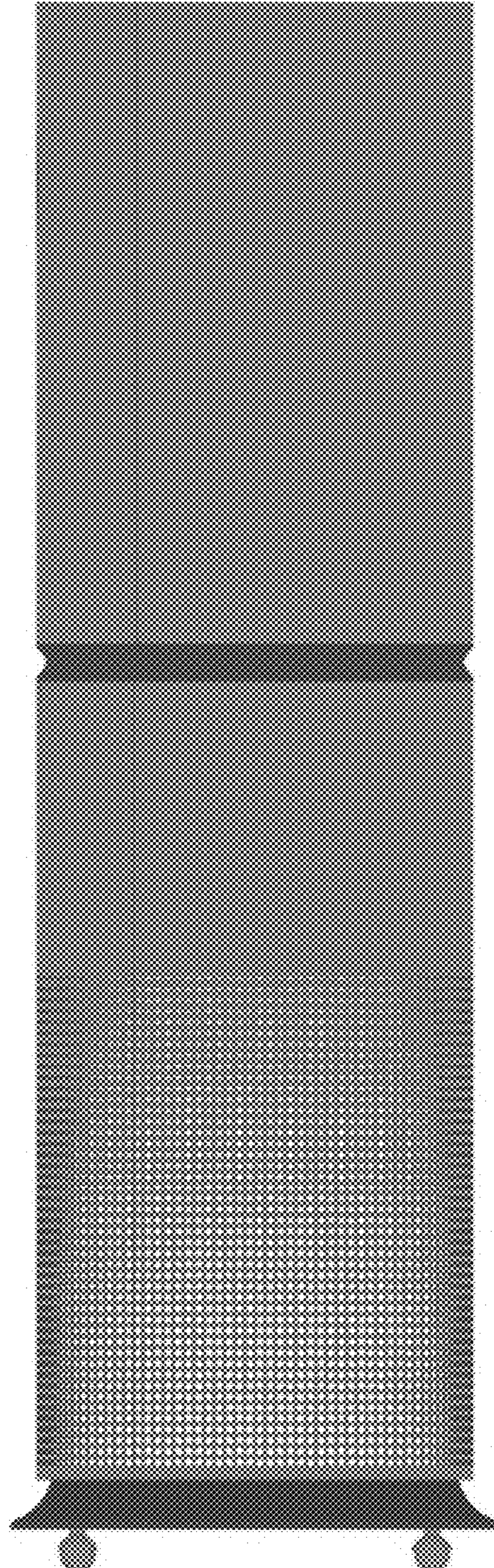


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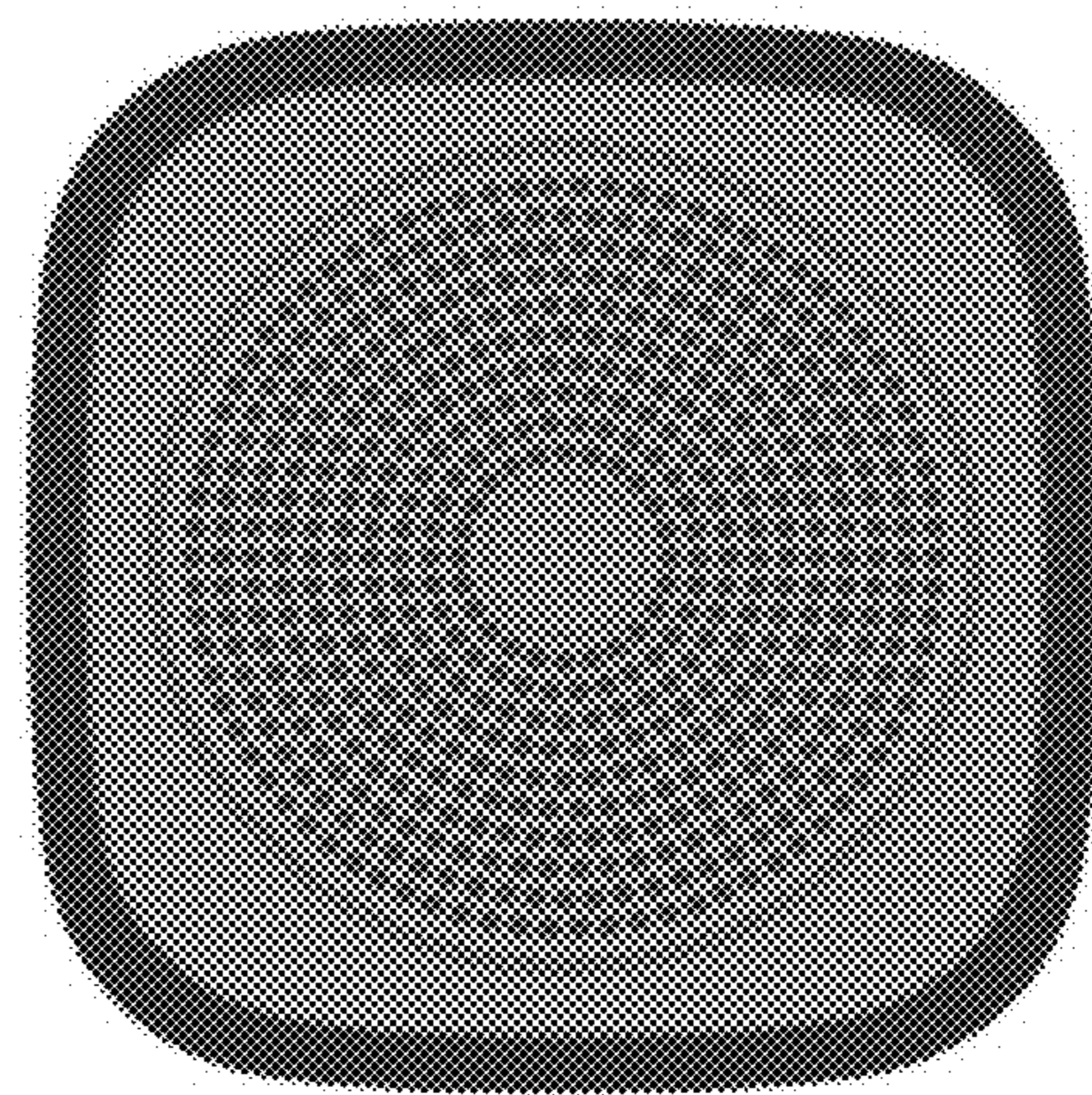




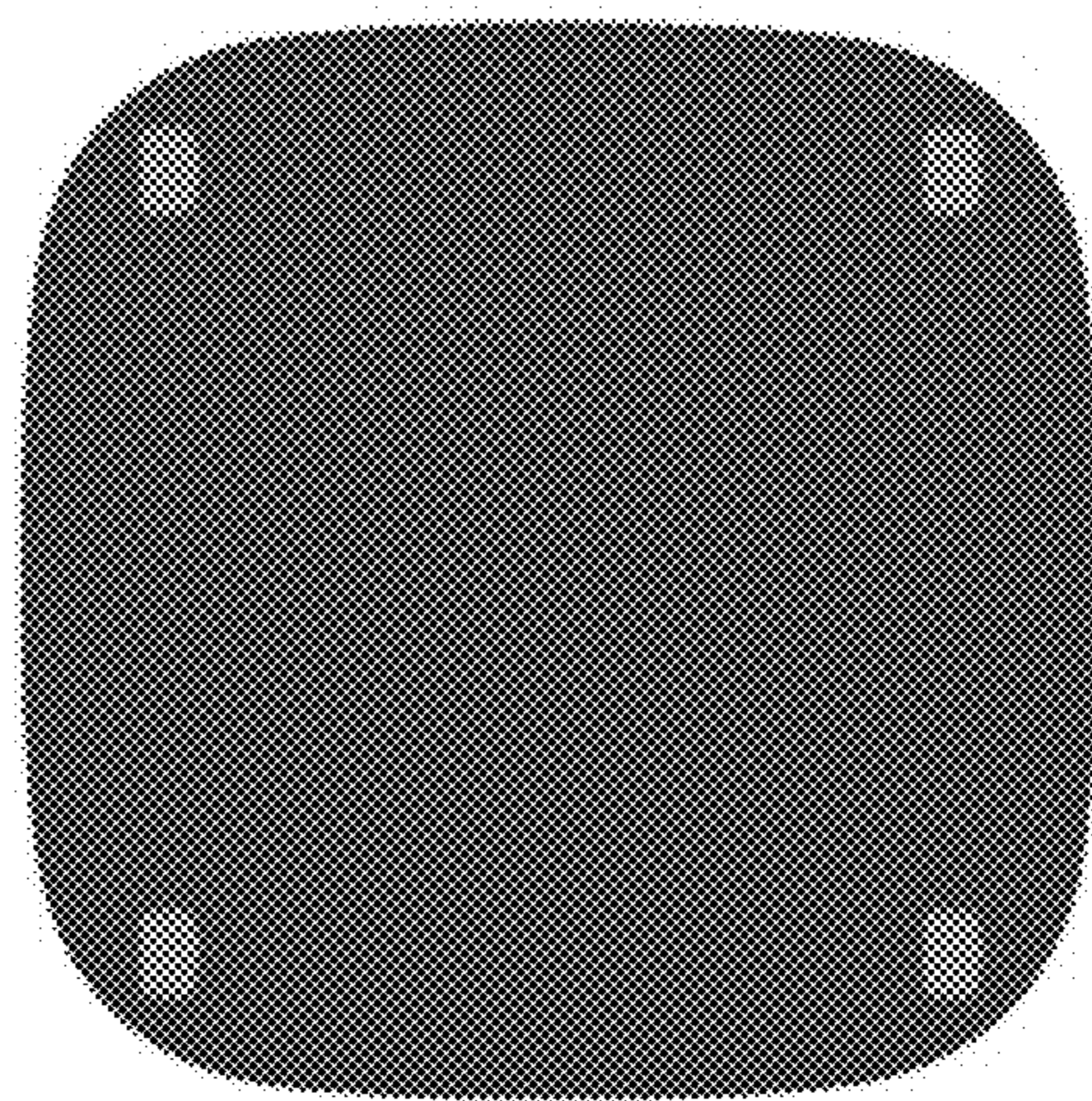
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