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

(10) **Patent No.:** **US D955,110 S**  
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(54) **TRANSFORMABLE STORAGE BAG**

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

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(30) **Foreign Application Priority Data**

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(51) **LOC (13) Cl.** ..... **03-01**

(52) **U.S. Cl.**  
USPC ..... **D3/285**

(58) **Field of Classification Search**

USPC ..... D3/274, 276, 285, 289, 290, 306, 313,  
D3/203.1, 203.6, 205, 226, 230, 232, 242,  
(Continued)

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

1,085,950 A \* 2/1914 Steintal ..... A45C 9/00  
190/16  
D242,658 S \* 12/1976 Genaro ..... D3/285  
(Continued)

**FOREIGN PATENT DOCUMENTS**

CN 302913007 \* 8/2014  
CN 304068410 \* 3/2017  
(Continued)

**OTHER PUBLICATIONS**

Amazon.ca, Site visited Dec. 14, 2021, Lavievert Toiletry Bag, First available Nov. 27, 2015, <https://www.amazon.ca/Lavievert-Toiletry-Organizer-Cosmetic-Household/dp/B01714EYB8> (Year: 2015).\*

(Continued)

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(57) **CLAIM**

The ornamental design for a transformable storage bag, as shown and described.

**DESCRIPTION**

FIG. 1 is a black and white photograph of a top-front-right perspective view of a transformable storage bag in a first configuration, showing my new design;

FIG. 2 is a black and white photograph a top-back-right perspective view thereof;

FIG. 3 is a black and white photograph of a front elevation view thereof;

FIG. 4 is a black and white photograph of a bottom plan view thereof;

FIG. 5 is a black and white photograph of a rear elevation view thereof;

FIG. 6 is a black and white photograph of a left side elevation view thereof;

FIG. 7 is a black and white photograph of a right side elevation view thereof;

FIG. 8 is a black and white photograph of a top plan view thereof;

FIG. 9 is a black and white photograph of a top-front-right perspective view of the transformable storage bag in a second configuration, showing my new design;

FIG. 10 is a black and white photograph a top-back-right perspective view thereof;

FIG. 11 is a black and white photograph of a front elevation view thereof;

FIG. 12 is a black and white photograph of a bottom plan view thereof;

FIG. 13 is a black and white photograph of a rear elevation view thereof;

FIG. 14 is a black and white photograph of a left side elevation view thereof;

FIG. 15 is a black and white photograph of a right side elevation view thereof;

FIG. 16 is a black and white photograph of a top plan view thereof; and,

(Continued)



FIG. 17 is a black and white photograph of a top plan view of the transformable storage bag in a fully open configuration.

**1 Claim, 17 Drawing Sheets**

(58) **Field of Classification Search**

USPC ..... D3/245, 246, 267, 268, 273, 275, 283, D3/284, 286, 287, 288, 294, 295, 301, D3/303, 900, 901, 903, 201, 215, 218, D3/221, 222, 228, 240, 251, 270, 271.9, D3/296, 247, 34, 74, 78, 298, 75, 262, D3/299; D7/607, 609; D27/172, 183, D27/186, 190, 191; D28/73, 76, 99; D9/420, 709, 423; D19/26, 57, 62, 113, D19/157  
 CPC .... A45C 1/02; A45C 3/00; A45C 3/02; A45C 3/04; A45C 3/06; A45C 3/004; A45C 5/00; A45C 5/03; A45C 5/04; A45C 5/08; A45C 11/18; A45C 7/00; A45C 9/00; A45C 11/26; B42D 5/005; B65D 81/02; B65D 81/022; B65D 83/02; B65D 85/00; B65D 85/08; B65D 85/10; B65D 85/12; B65D 85/14; B65D 25/08; G09B 1/06; G09F 1/00; A61C 19/10

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D297,283 S \* 8/1988 Gray ..... D3/299  
 5,562,204 A \* 10/1996 Sapyta ..... A45C 7/0054  
 190/110  
 D381,199 S \* 7/1997 Glasser ..... D3/274

6,296,094 B1 \* 10/2001 Knecht ..... A45C 7/0095  
 190/107  
 6,334,519 B1 \* 1/2002 Tong ..... A45C 3/00  
 190/107  
 D466,297 S \* 12/2002 Raisner ..... D3/290  
 D573,793 S \* 7/2008 Bakker ..... D3/283  
 D720,536 S \* 1/2015 Hsu ..... D3/299  
 D739,142 S \* 9/2015 Coleman ..... D3/301  
 9,565,914 B1 \* 2/2017 Marraccini ..... A45C 11/24  
 D838,478 S \* 1/2019 Dean ..... D3/262  
 D895,284 S \* 9/2020 Sun ..... D3/287  
 D906,671 S \* 1/2021 McCullagh ..... D3/278  
 D920,665 S \* 6/2021 Wu ..... D3/274  
 D934,561 S \* 11/2021 Patterson ..... D3/262  
 2003/0042160 A1 \* 3/2003 Godshaw ..... A45C 7/0095  
 206/349  
 2003/0221924 A1 \* 12/2003 Tong ..... A45C 11/20  
 190/107

FOREIGN PATENT DOCUMENTS

EM 000058417-0003 \* 12/2003  
 EM 001935057-0001 \* 12/2011

OTHER PUBLICATIONS

Amazon.com, Site visited Dec. 14, 2021, Buruis Hanging Toiletry Bag, First available May 16, 2018, <https://www.amazon.com/Capacity-Waterproof-Lightweight-Organizer-Toiletries/dp/B07D47YGMY> (Year: 2018).\*  
 Amazon.ca, Site visited Dec. 14, 2021, Gonex Toiletry Bag, First available Nov. 29, 2018, <https://www.amazon.ca/Gonex-Hanging-Toiletry-Organizer-Toiletries/dp/B07JXRR59F> (Year: 2018).\*  
 Amazon.ca, Site visited Dec. 14, 2021, TravelGenixx Premium Travel Hanging Toiletry Bag, First available Jun. 6, 2019, <https://www.amazon.ca/Toiletry-Organizer-Removable-TSA-Compliant-Essentials/dp/B071HBV84B> (Year: 2019).\*

\* cited by examiner





FIG. 1





FIG. 2





FIG. 3



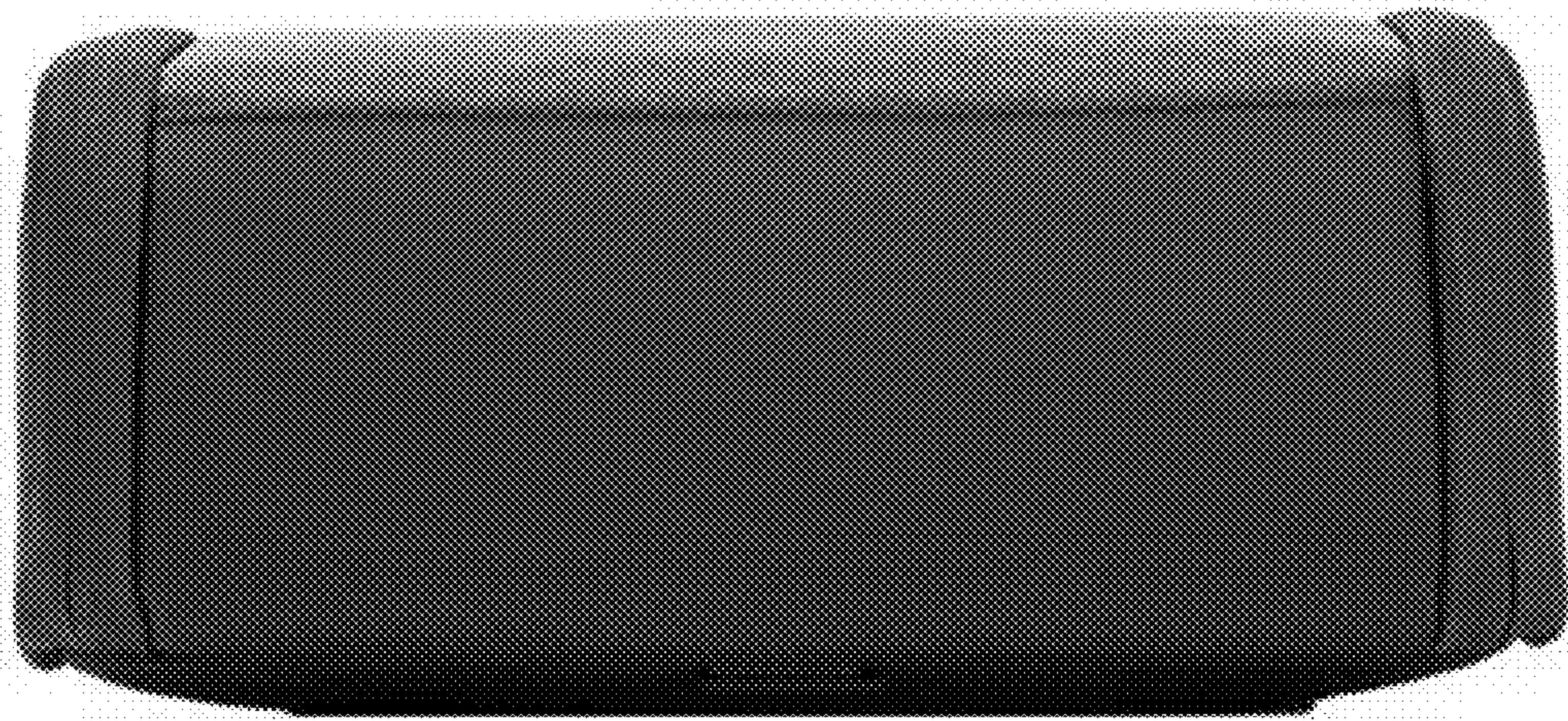


FIG. 4





FIG. 5





FIG. 6





FIG. 7



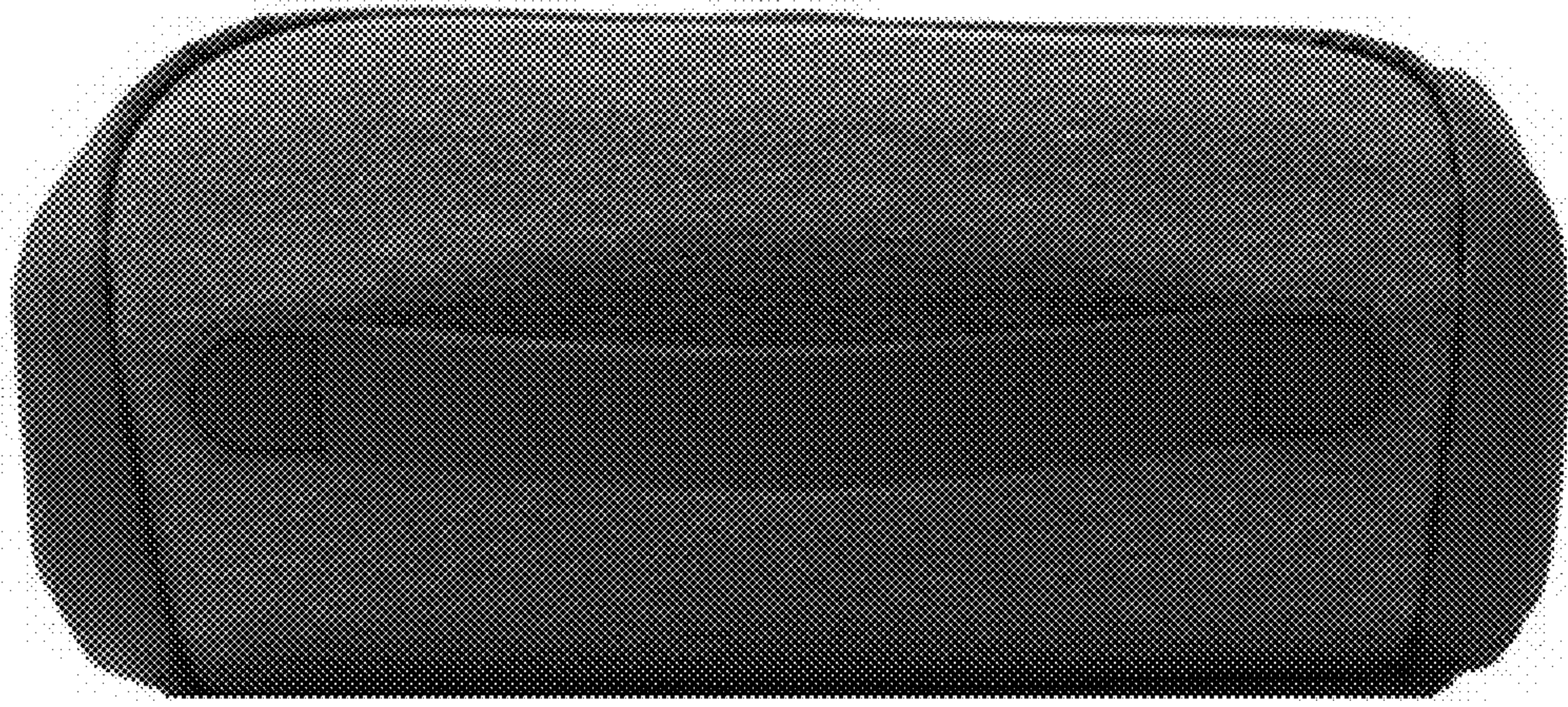


FIG. 8





FIG. 9





FIG. 10





FIG. 11





FIG. 12





FIG. 13



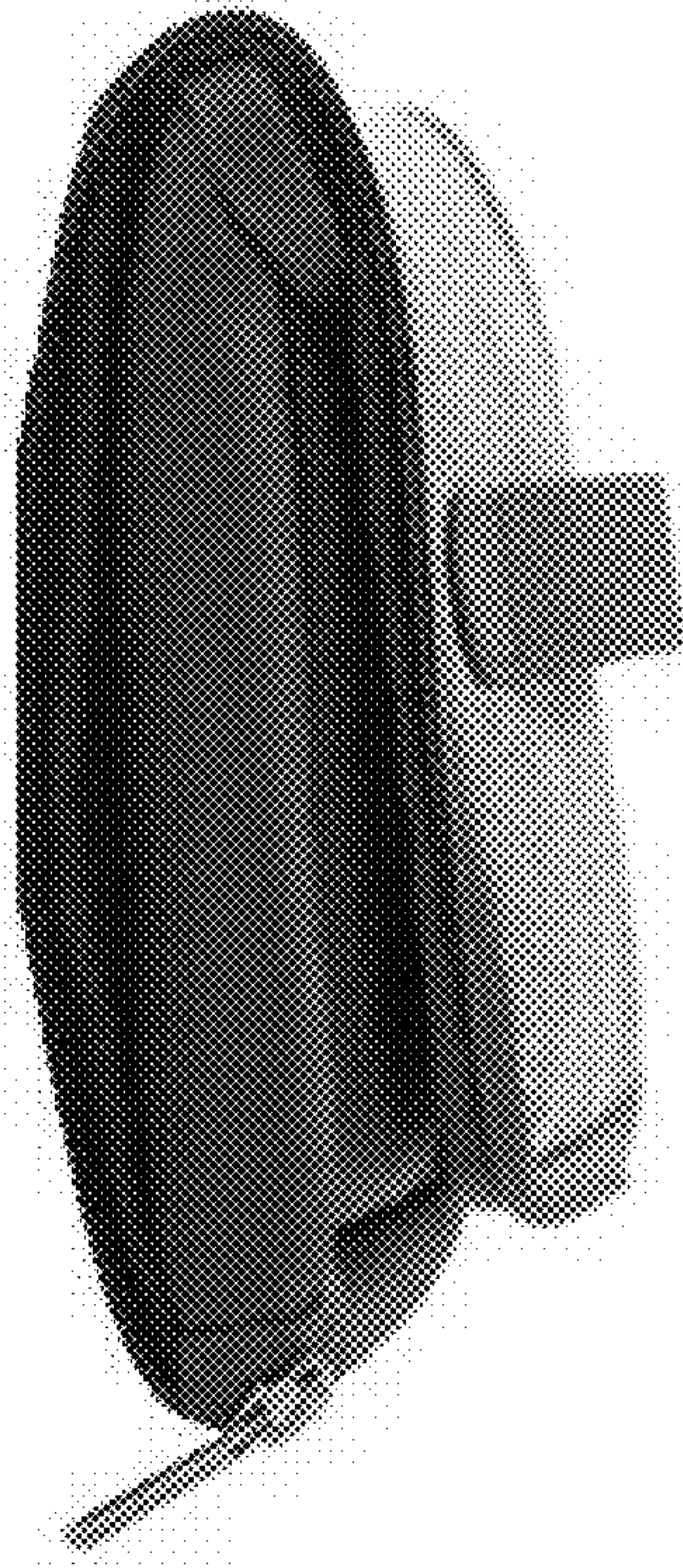


FIG. 14



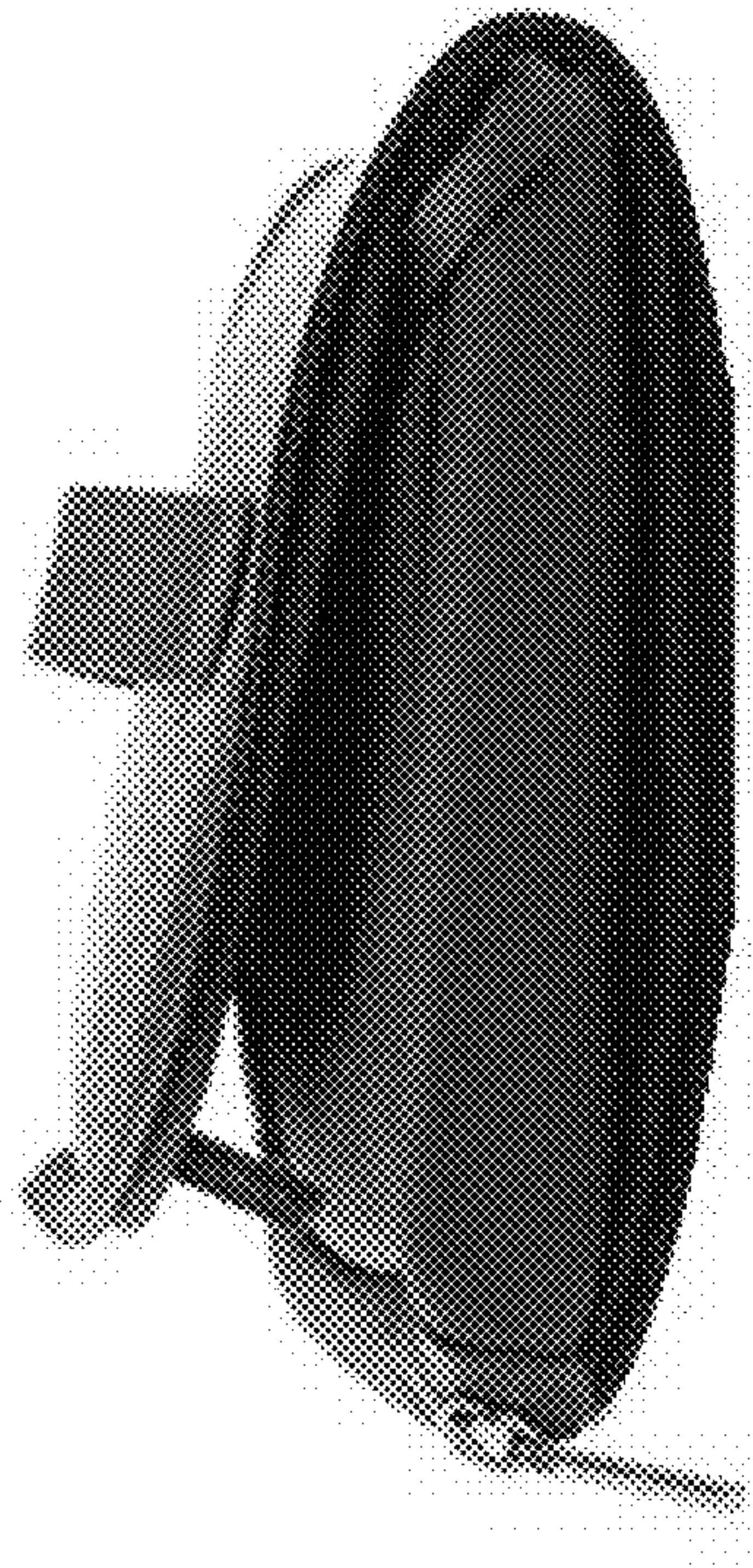


FIG. 15



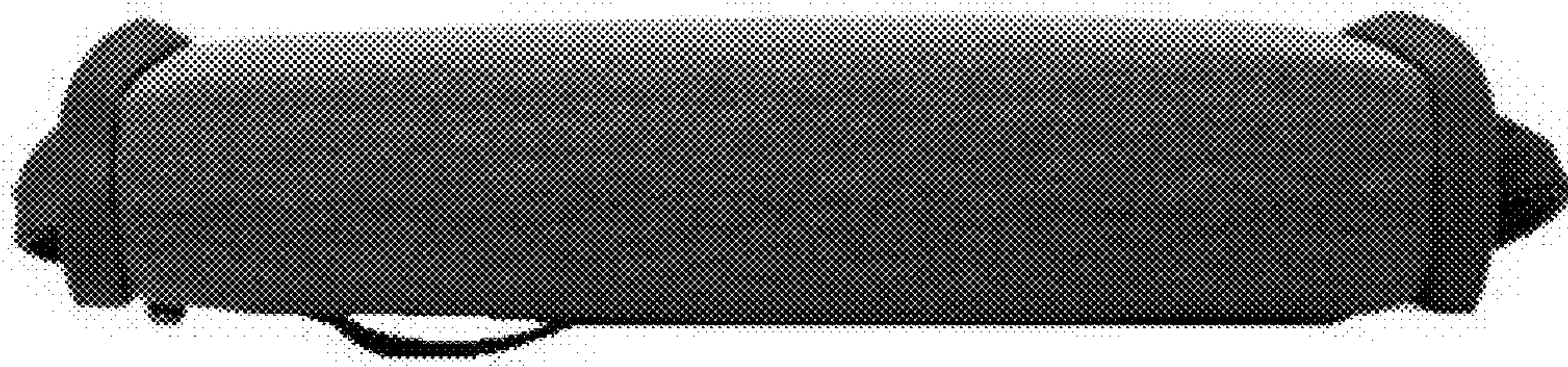


FIG. 16





FIG. 17