



US00D900075S

(12) **United States Design Patent** (10) **Patent No.:** **US D900,075 S**
Yang (45) **Date of Patent:** **** Oct. 27, 2020**

(54) **ANTENNA**

(71) Applicant: **SHENZHEN ANTOP TECHNOLOGY LIMITED**, Shenzhen (CN)

(72) Inventor: **Ruidian Yang**, Shenzhen (CN)

(73) Assignee: **Shenzhen Antop Technology Limited**, Shenzhen (CN)

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

(21) Appl. No.: **29/625,417**

(22) Filed: **Nov. 9, 2017**

(51) **LOC (12) Cl.** **14-03**

(52) **U.S. Cl.**
USPC **D14/230**

(58) **Field of Classification Search**
USPC D14/230–238, 138, 238.1, 299, 343, 356,
D14/358, 496; D13/182

(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,634,975 A * 1/1987 Eccleston G01V 3/107
324/232
D523,850 S * 6/2006 Godar D14/235
(Continued)

OTHER PUBLICATIONS

ANTOP SBS-301 HD Smart Antenna: HDTV & FM Amplified Antenna with Smart Boost System, online, no post date, URL: <https://antopusa.com/product/sbs-301/>, retrieved May 21, 2020.*
(Continued)

Primary Examiner — Jeffrey D Asch
Assistant Examiner — Rebekah A Caruso

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(57) **CLAIM**

The ornamental design for an antenna, as shown and described.

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.

FIG. 1 is a front elevational view of an antenna showing my new design;

FIG. 2 is a rear elevational view thereof;

FIG. 3 is a left side elevational view thereof;

FIG. 4 is a right side elevational view thereof;

FIG. 5 is a top plan view thereof;

FIG. 6 is a bottom plan view thereof;

FIG. 7 is a front, right perspective view thereof;

FIG. 8 is a front, left perspective view thereof; and

FIG. 9 is a rear, right perspective view thereof;

FIG. 10 is a front elevational view of a second embodiment of an antenna showing my new design;

FIG. 11 is a rear elevational view thereof;

FIG. 12 is a left side elevational view thereof;

FIG. 13 is a right side elevational view thereof;

FIG. 14 is a top plan view thereof;

FIG. 15 is a bottom plan view thereof;

FIG. 16 is a front, right perspective view thereof;

FIG. 17 is a front, left perspective view thereof; and

FIG. 18 is a rear, right perspective view thereof;

FIG. 19 is a front elevational view of a third embodiment of an antenna showing my new design;

FIG. 20 is a rear elevational view thereof;

FIG. 21 is a left side elevational view thereof;

FIG. 22 is a right side elevational view thereof;

FIG. 23 is a top plan view thereof;

FIG. 24 is a bottom plan view thereof;

FIG. 25 is a front, right perspective view thereof;

FIG. 26 is a front, left perspective view thereof; and

FIG. 27 is a rear, right perspective view thereof;

FIG. 28 is a front elevational view of a fourth embodiment of an antenna showing my new design;

FIG. 29 is a rear elevational view thereof;

FIG. 30 is a left side elevational view thereof;

(Continued)

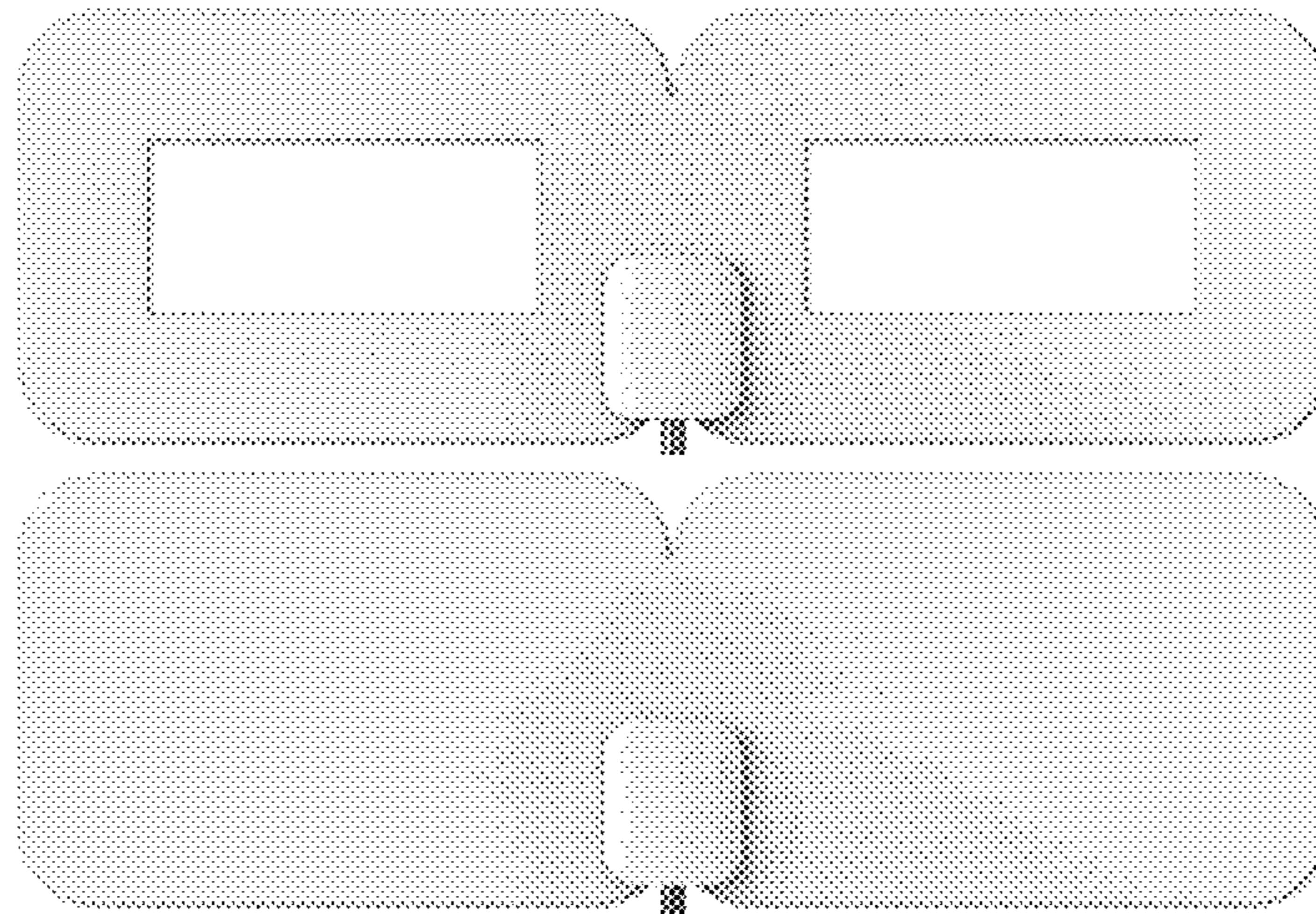


FIG. 31 is a right side elevational view thereof;
 FIG. 32 is a top plan view thereof;
 FIG. 33 is a bottom plan view thereof;
 FIG. 34 is a front, right perspective view thereof;
 FIG. 35 is a front, left perspective view thereof; and,
 FIG. 36 is a rear, right perspective view thereof.

**1 Claim, 36 Drawing Sheets
 (14 of 36 Drawing Sheet(s) Filed in Color)**

(58) **Field of Classification Search**

CPC H01Q 1/12; H01Q 1/22; H01Q 1/007;
 H01Q 1/38; H01Q 7/00; H01Q 9/40;
 H01Q 9/285; H01Q 9/065; H01Q 9/44;
 H01Q 9/265; H01Q 19/10; H01Q 19/106;
 H01Q 19/12; H01Q 19/13; H01Q 19/15;
 H01Q 19/30; H01Q 21/28; H01Q 21/06;
 H01Q 21/062; H01Q 21/293; G05D 1/02;
 G05D 1/0234

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D598,434 S * 8/2009 Schneider D14/230
 D697,059 S * 1/2014 Miller D14/230
 D760,705 S * 7/2016 Matsuoka D14/230
 D761,771 S * 7/2016 Winstead D14/230
 D788,085 S * 5/2017 Matsuoka D14/230
 D815,622 S * 4/2018 Yang D14/230

D815,623 S * 4/2018 Yang D14/230
 D831,622 S * 10/2018 Yang D14/230
 D832,827 S * 11/2018 Yang D14/230
 D837,188 S * 1/2019 Yang D14/230
 D838,698 S * 1/2019 Yang D14/230
 D838,700 S * 1/2019 Yang D14/230
 D838,701 S * 1/2019 Yang D14/230
 D838,702 S * 1/2019 Yang D14/230
 D838,703 S * 1/2019 Yang D14/230
 D838,704 S * 1/2019 Yang D14/230
 D843,982 S * 3/2019 Yang D14/230
 D843,983 S * 3/2019 Yang D14/230
 D847,798 S * 5/2019 Yang D14/230
 D849,722 S * 5/2019 Yang D14/230
 D850,425 S * 6/2019 Yang D14/230
 D852,172 S * 6/2019 Wu D14/230
 D856,314 S * 8/2019 Yang D14/230
 D856,315 S * 8/2019 Yang D14/230
 D864,172 S * 10/2019 Yang D14/230
 D865,725 S * 11/2019 Yang D14/230
 D867,347 S * 11/2019 Ross, III D14/230
 D872,712 S * 1/2020 Yang D14/230
 D872,714 S * 1/2020 Yang D14/230
 D883,264 S * 5/2020 Ross, III D14/230
 D884,743 S * 5/2020 Liu D14/496
 2016/0149288 A1 * 5/2016 Wang H01Q 1/007
 343/906

OTHER PUBLICATIONS

Mohu Leaf Metro Indoor HDTV Antenna, online, no post date,
 URL: <https://store.gomohu.com/leaf-metro-indoor-hdtv-antenna.html>,
 retrieved May 21, 2020.*

* cited by examiner

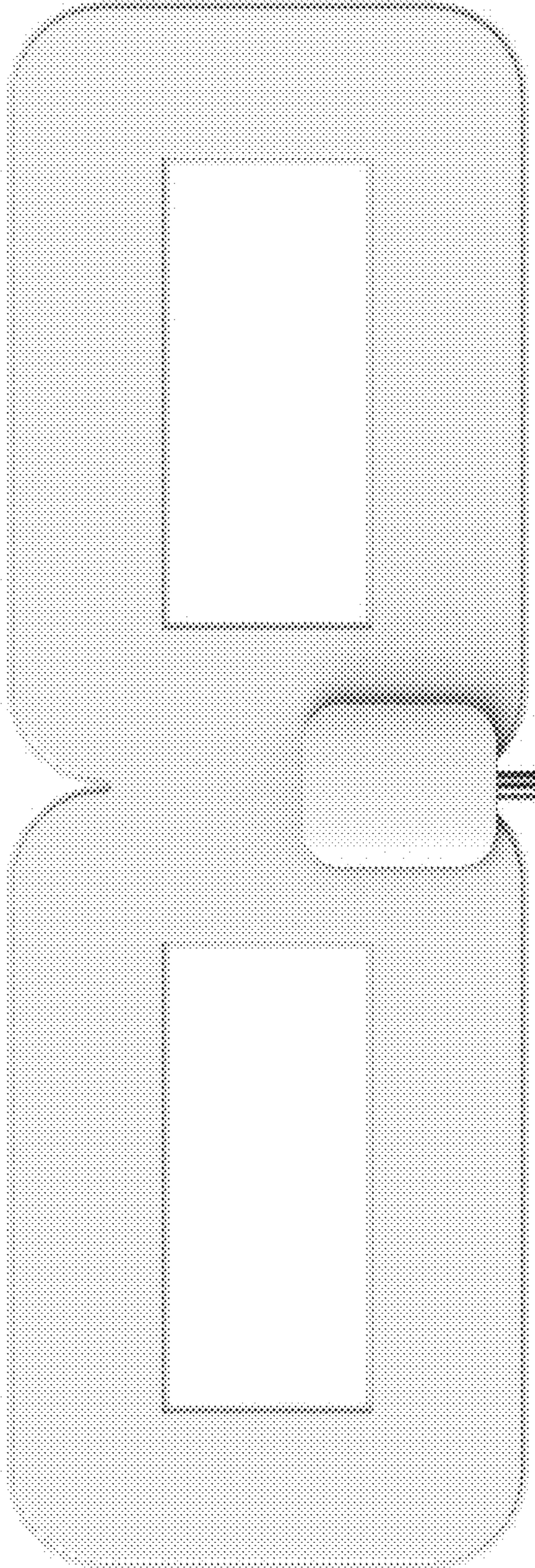


FIG. 1

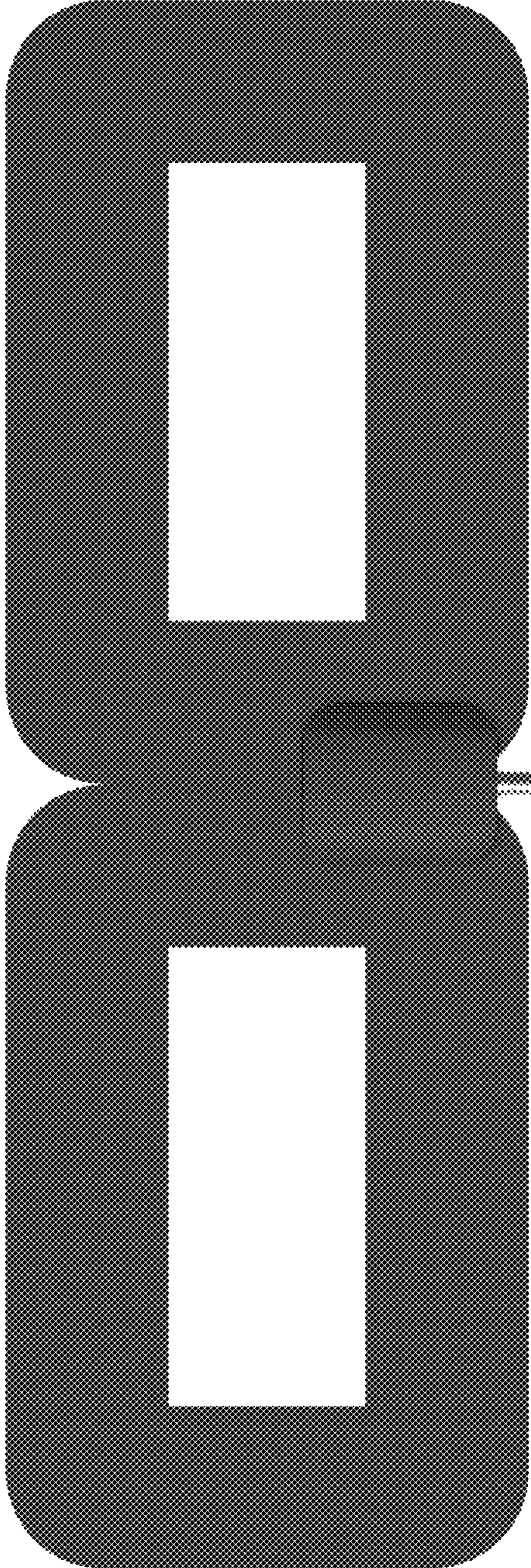


FIG. 2



FIG. 3



FIG. 4

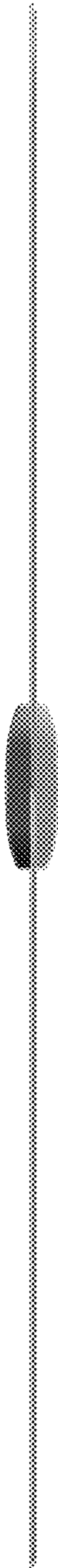


FIG. 5

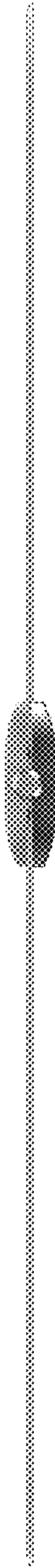


FIG. 6

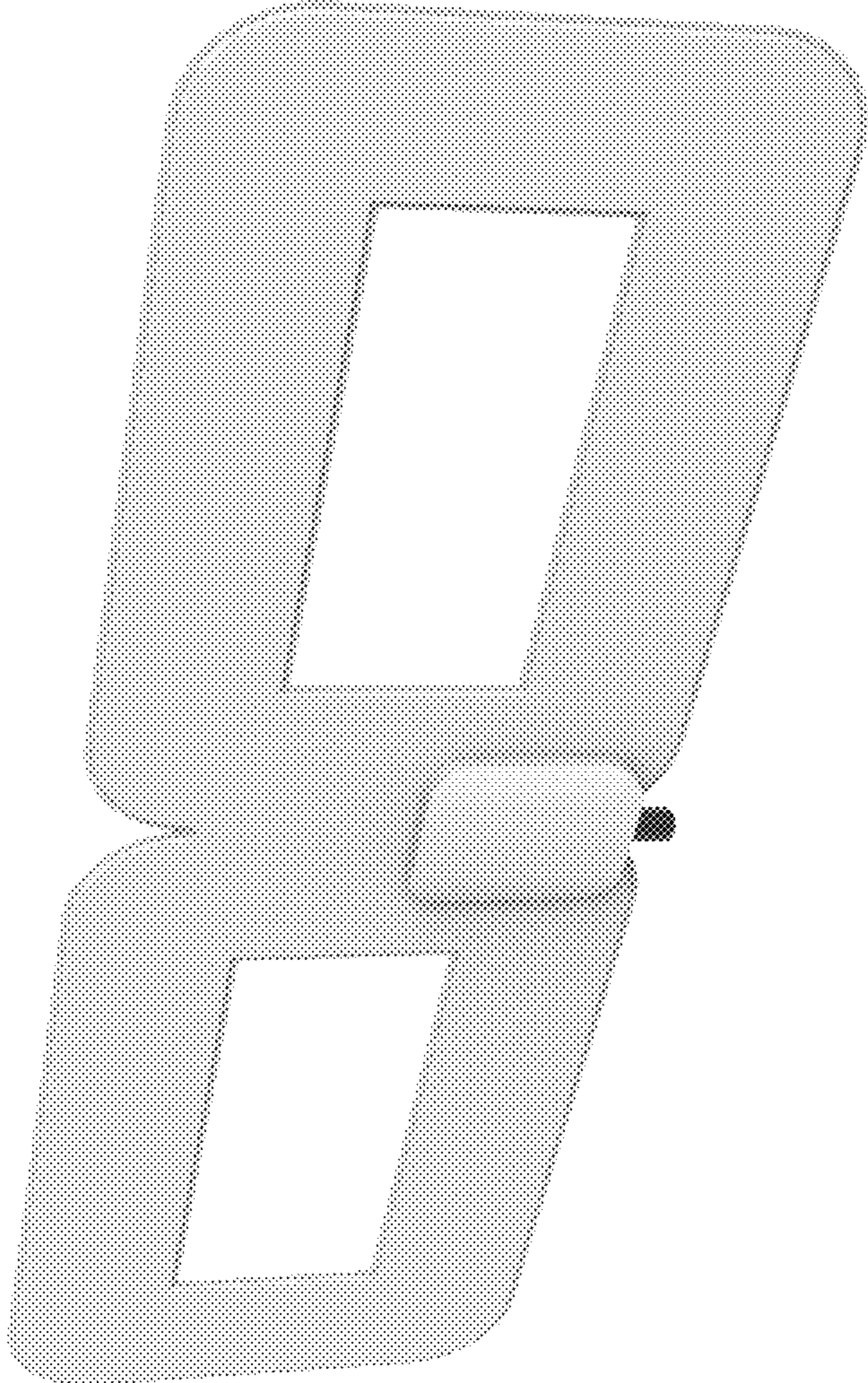


FIG. 7

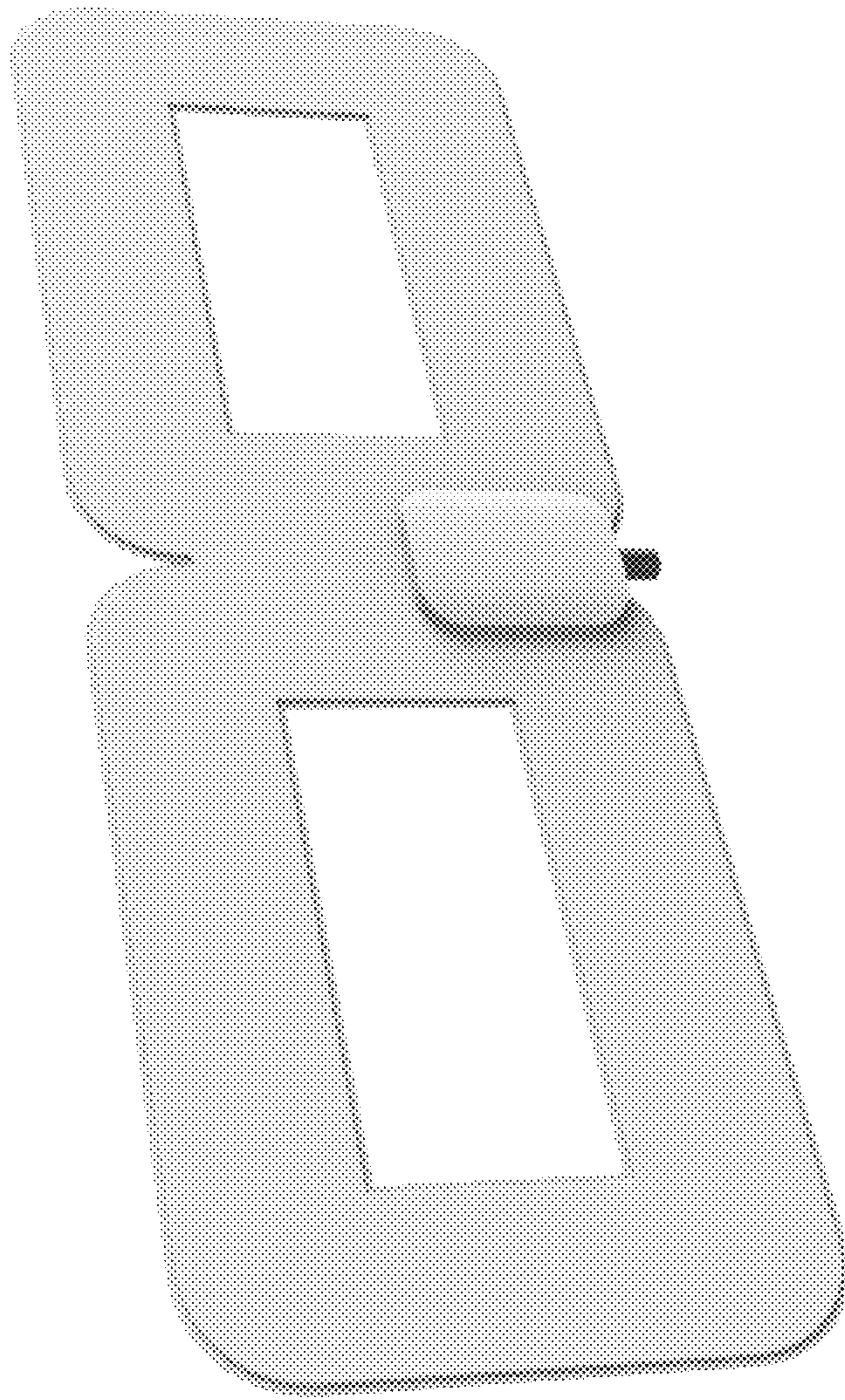


FIG. 8

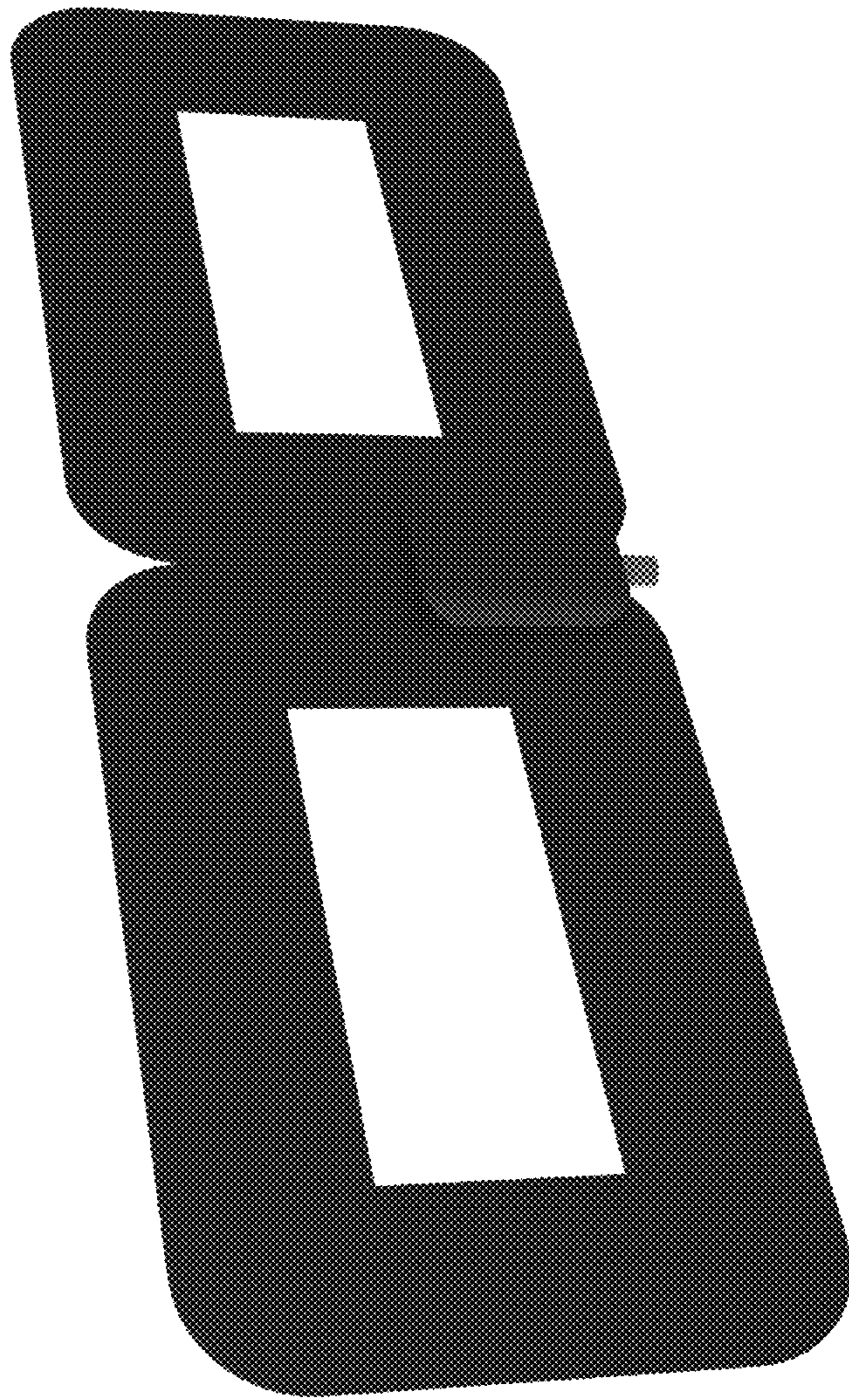


FIG. 9

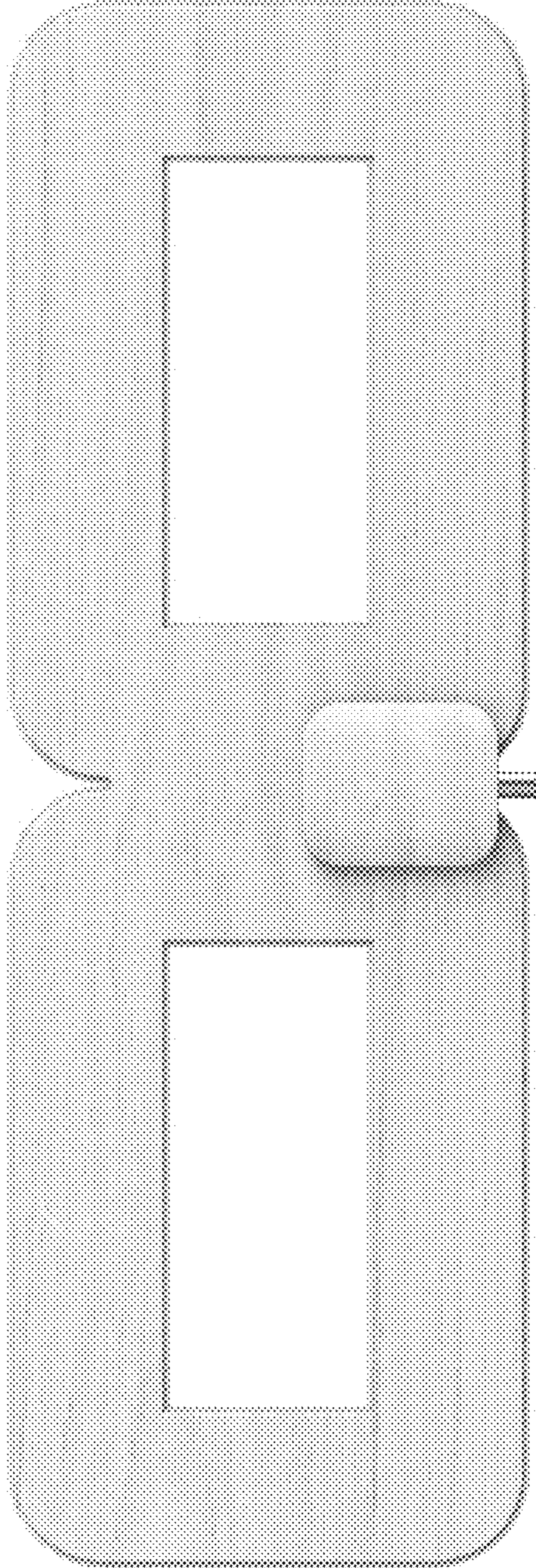


FIG. 10

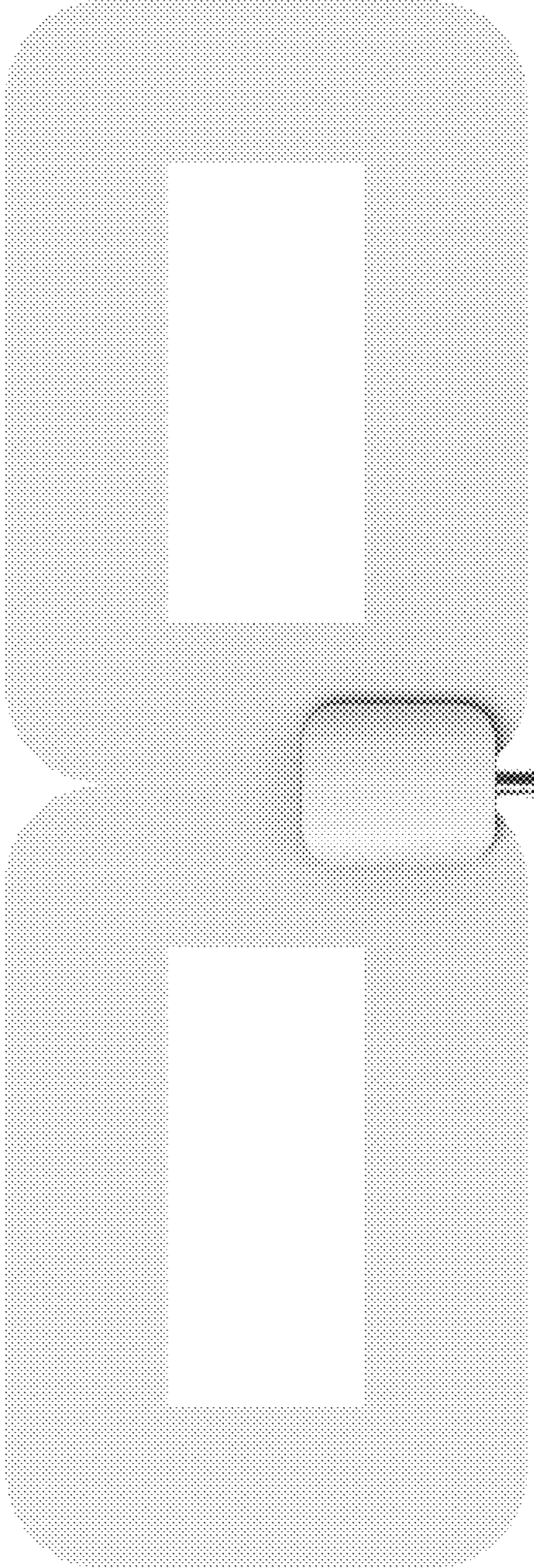


FIG. 11



FIG. 12



FIG. 13



FIG. 14



FIG. 15

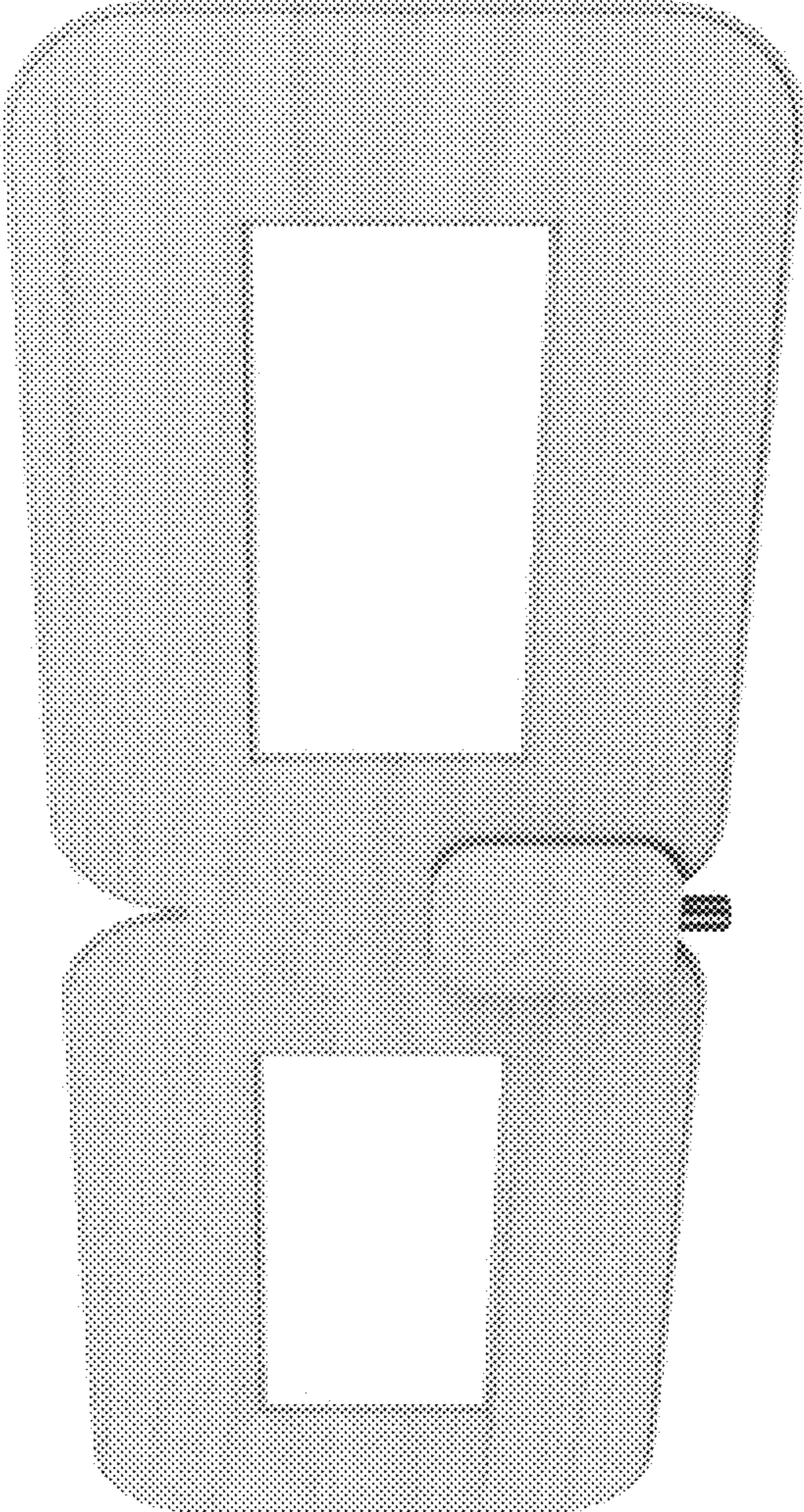


FIG. 16

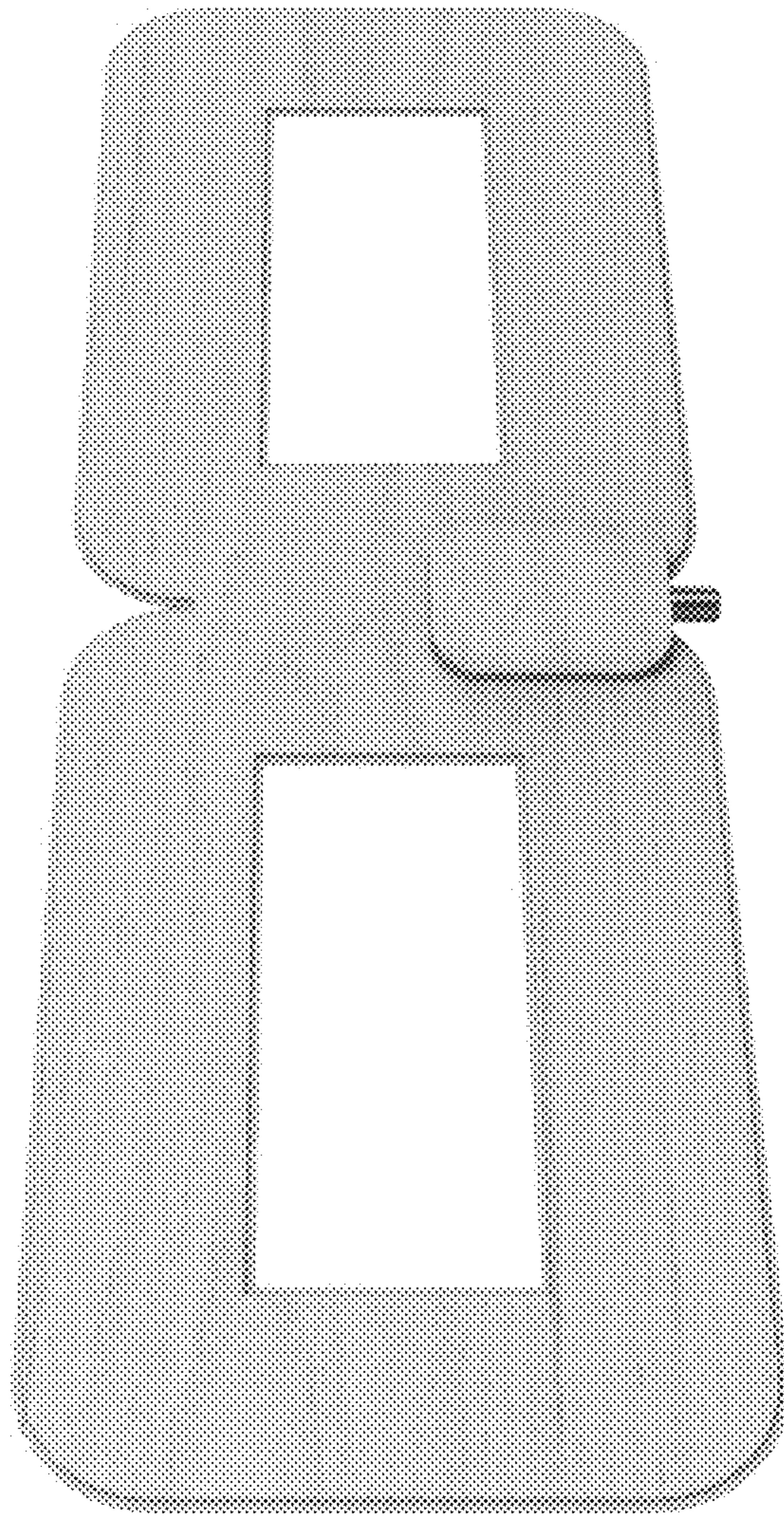


FIG. 17

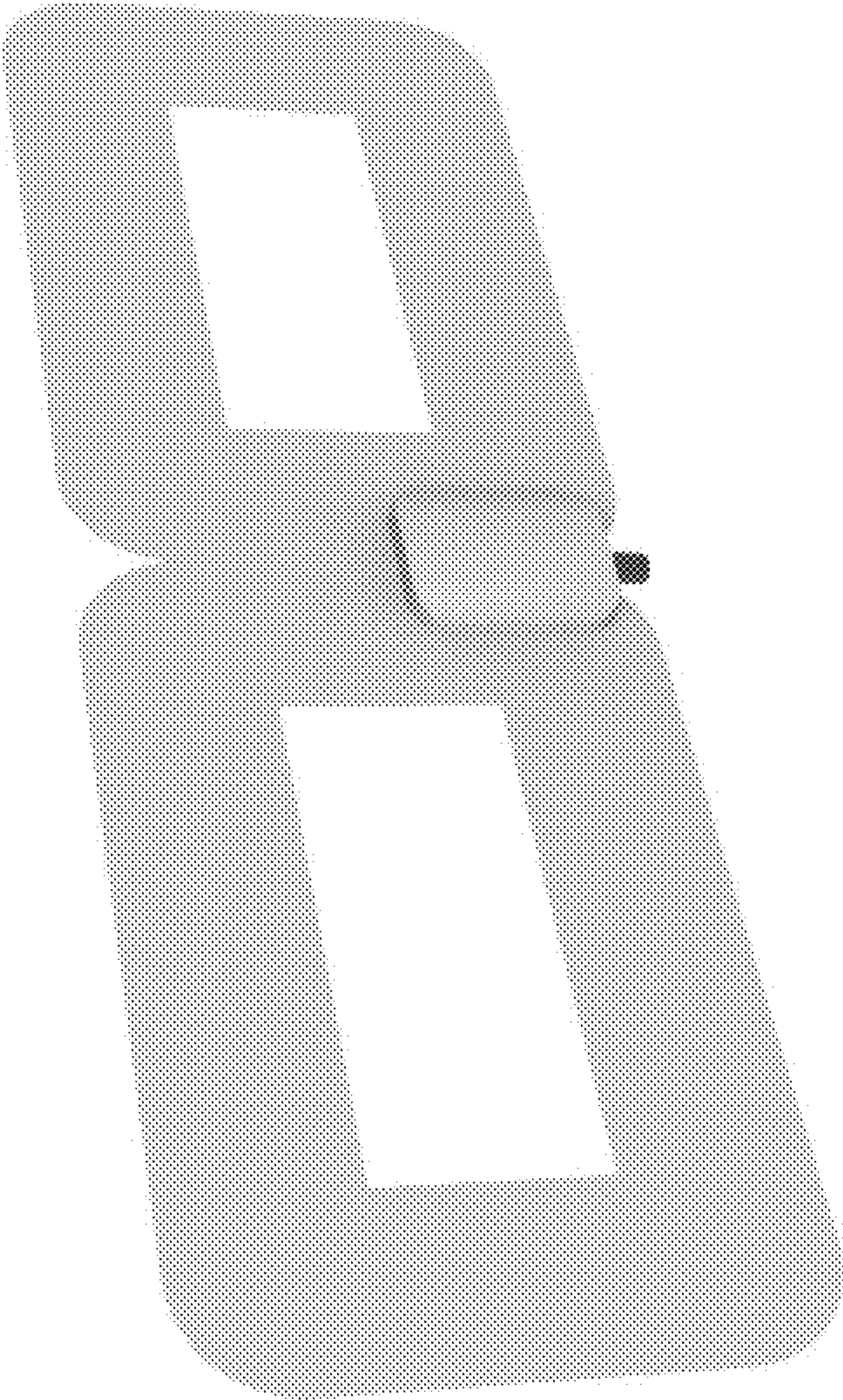


FIG. 18

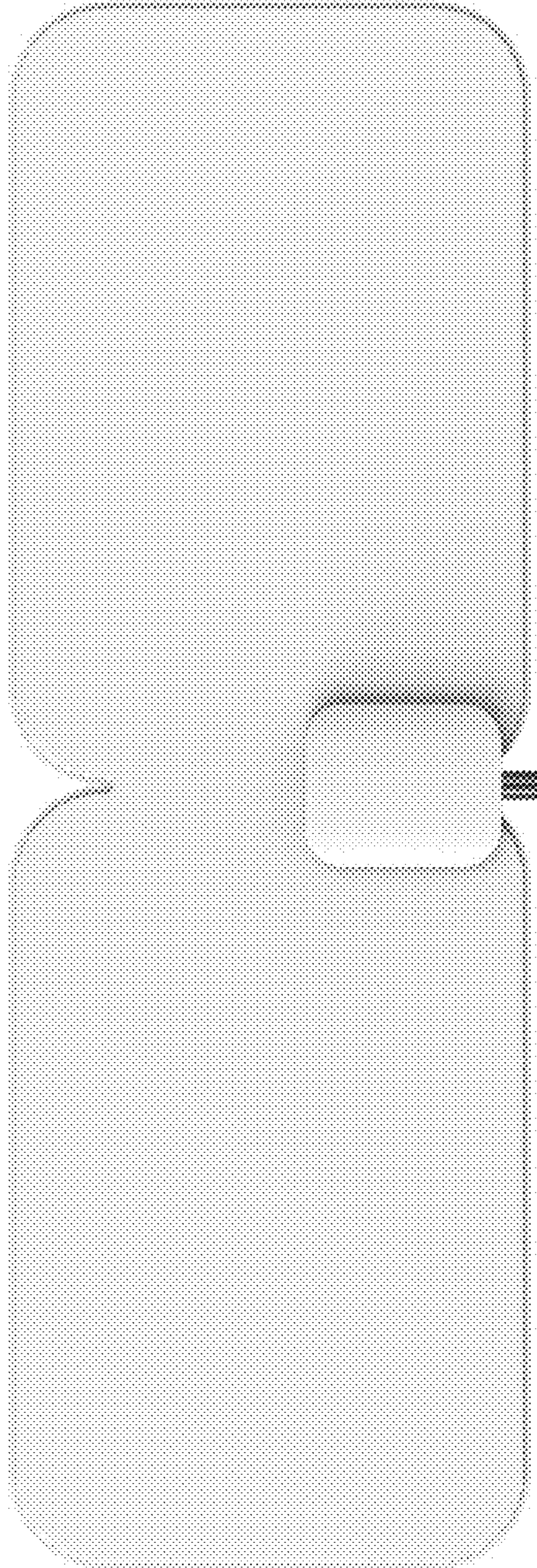


FIG. 19

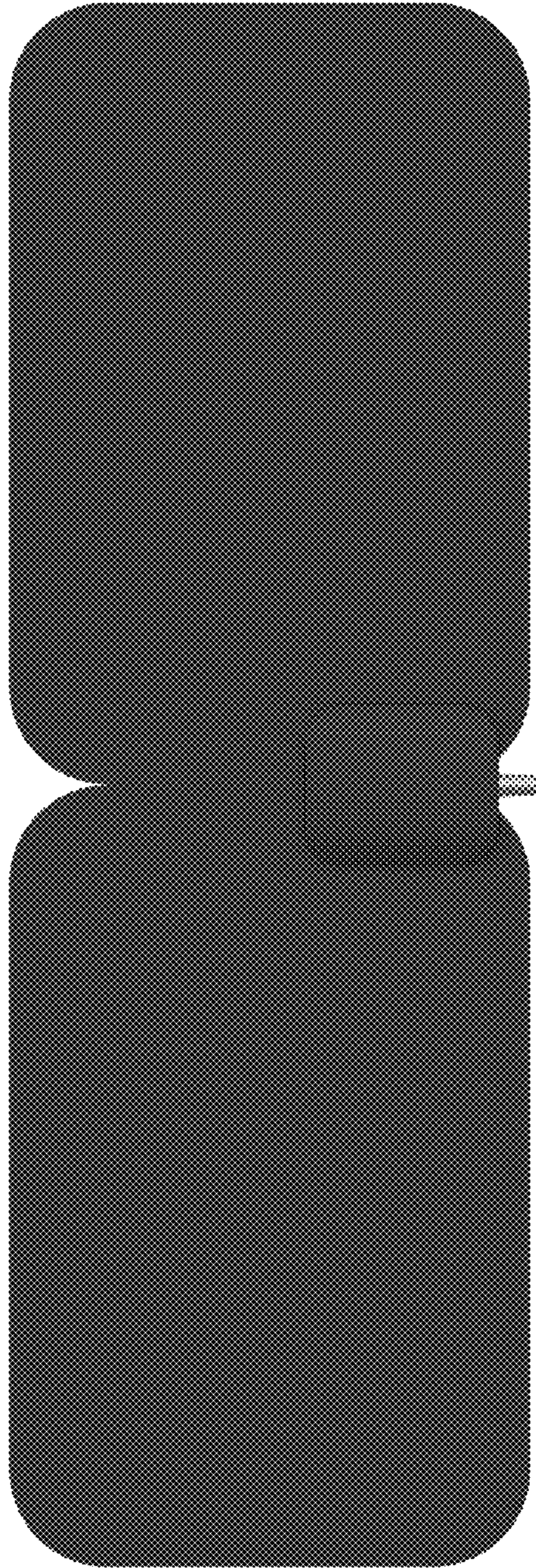


FIG. 20

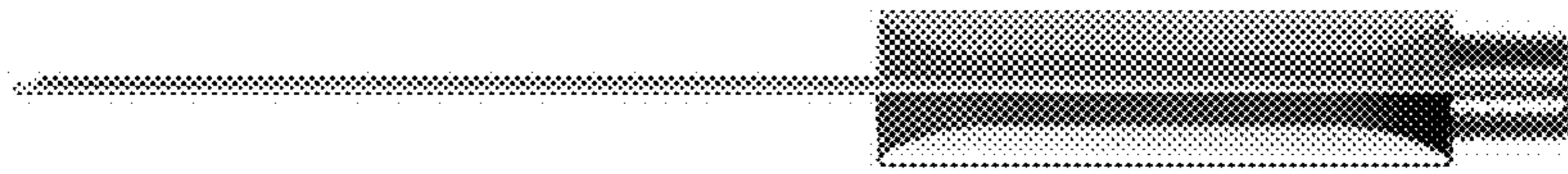


FIG. 21



FIG. 22

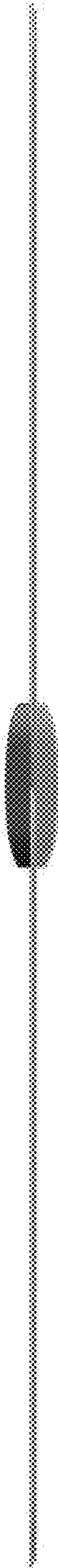


FIG. 23

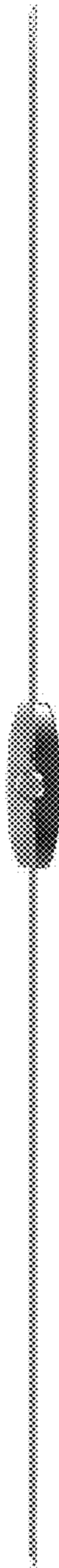


FIG. 24

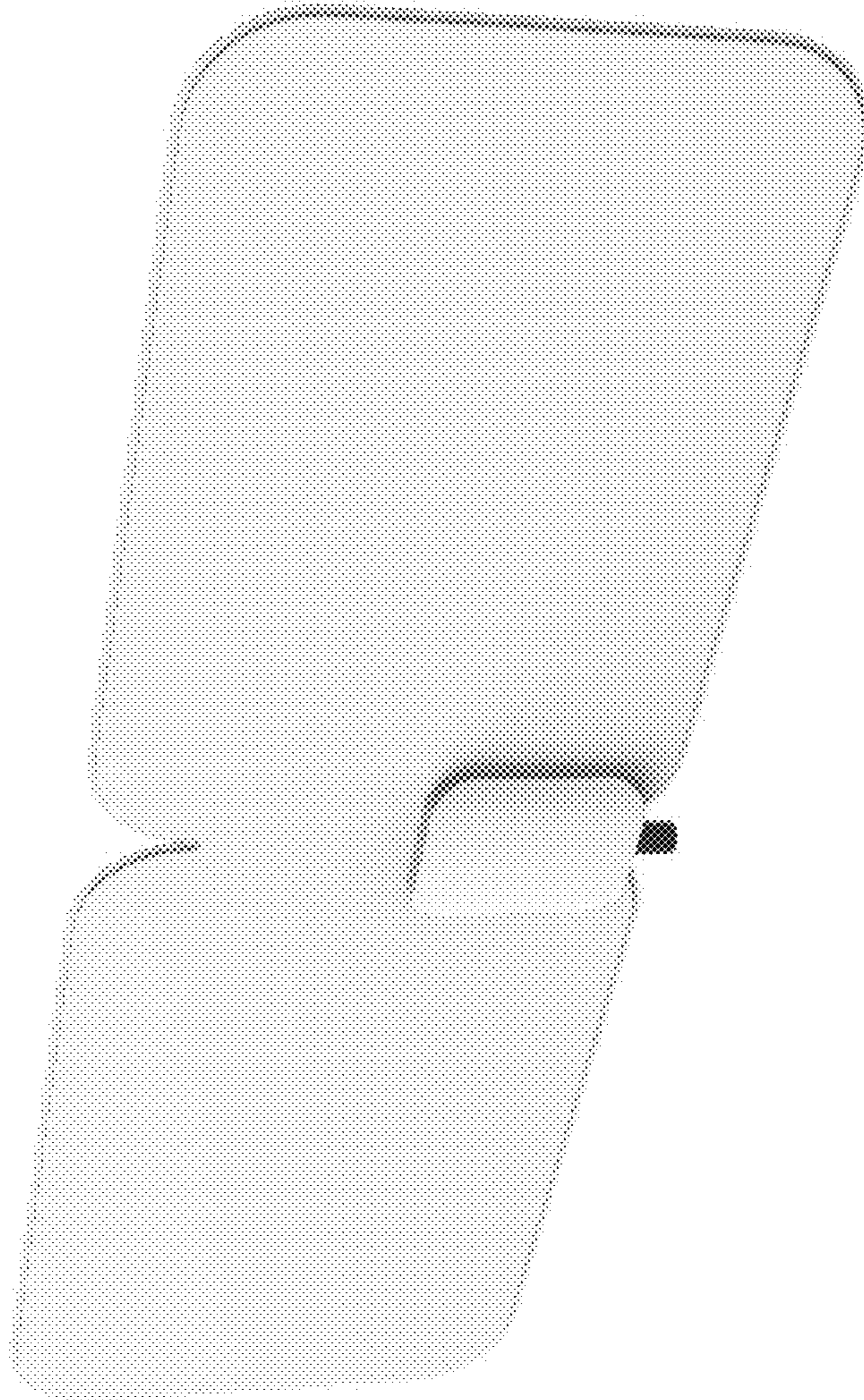


FIG. 25

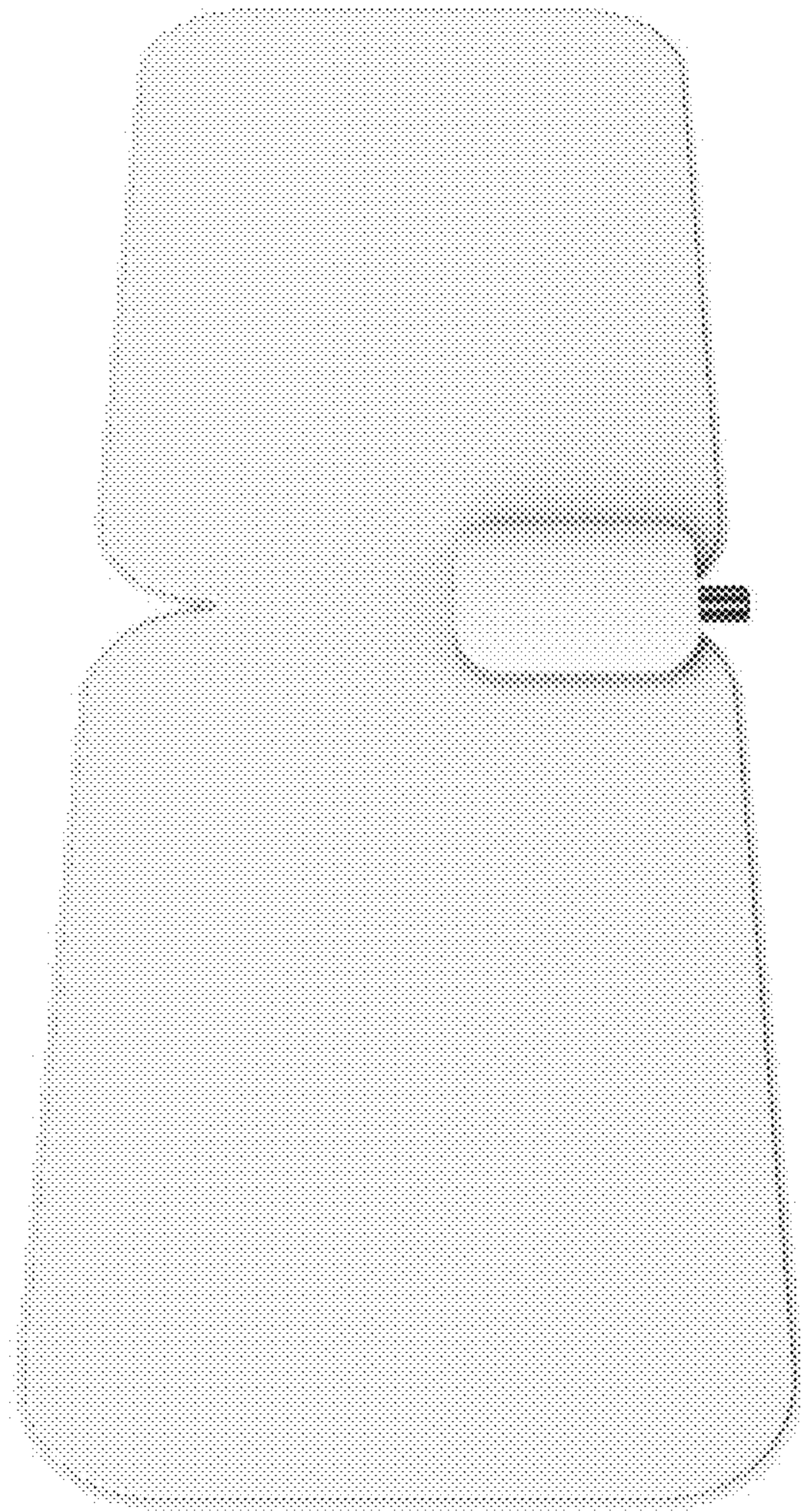


FIG. 26

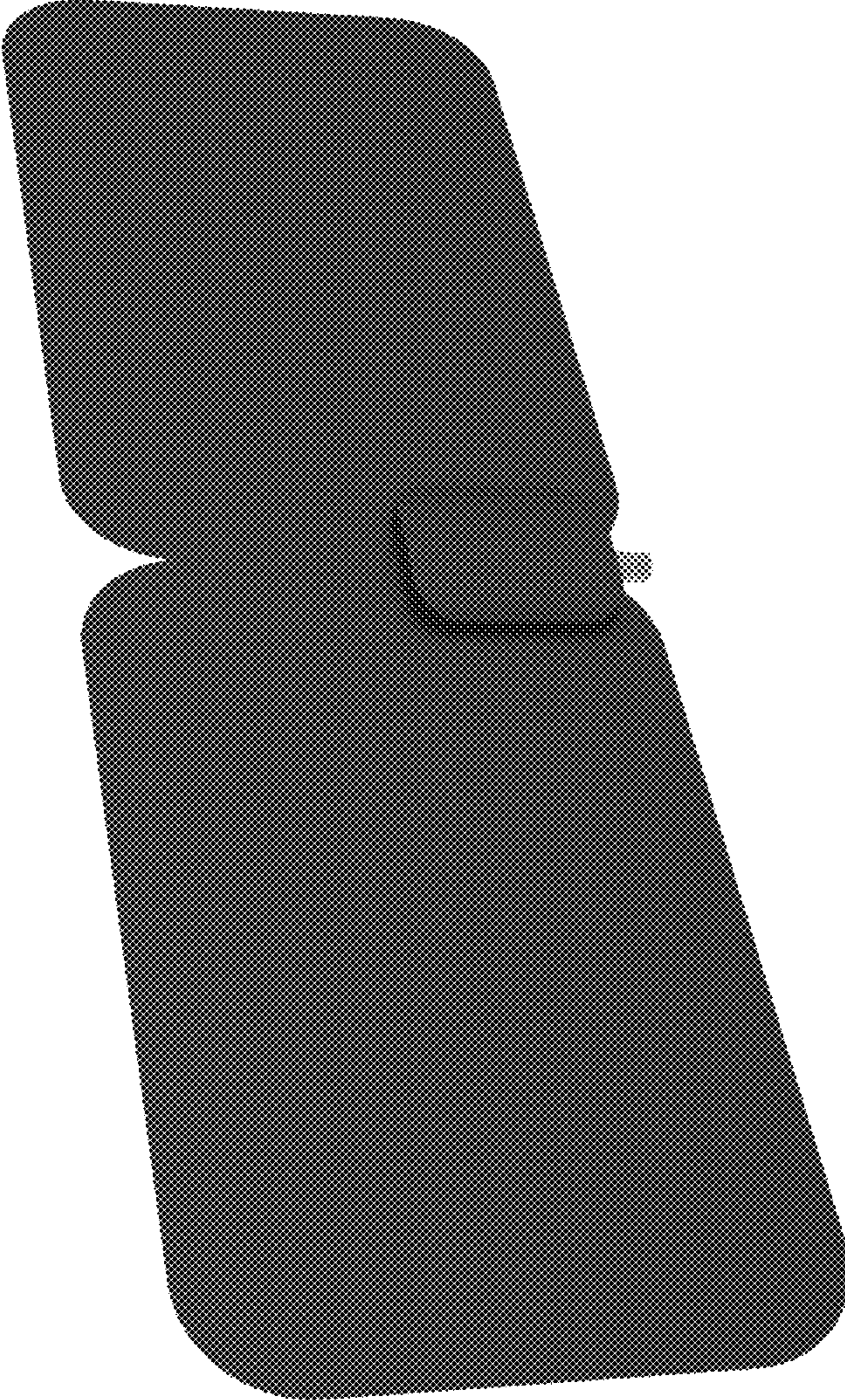


FIG. 27

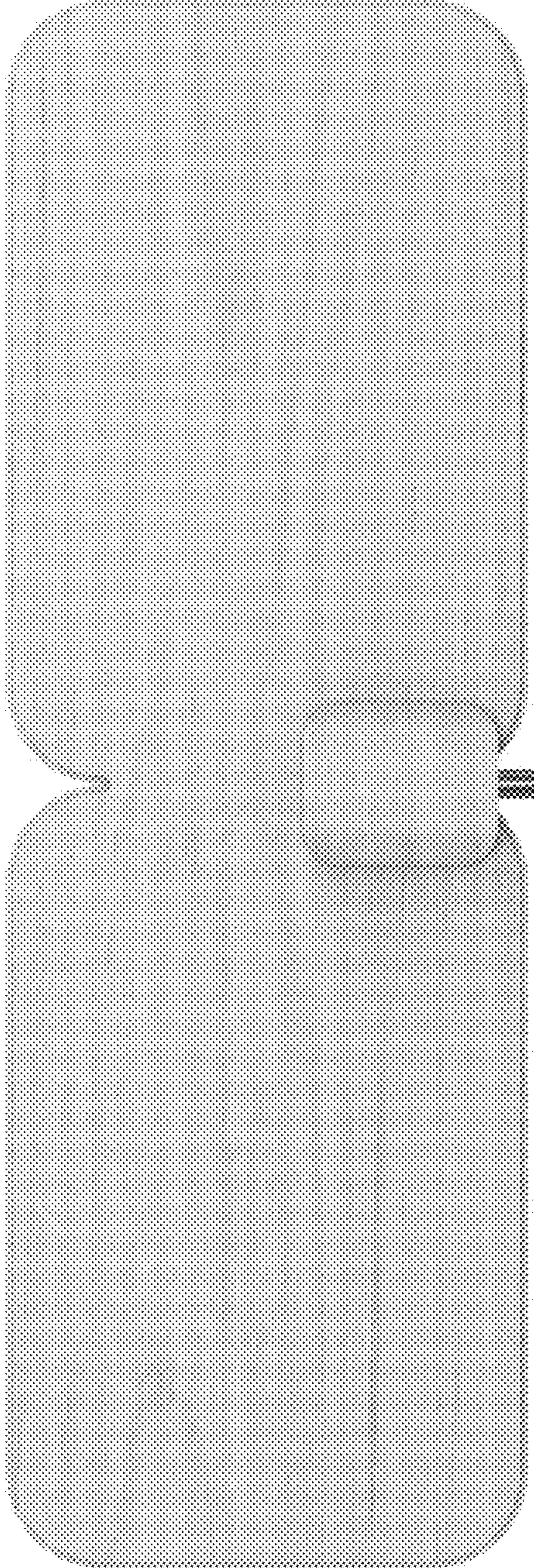


FIG. 28

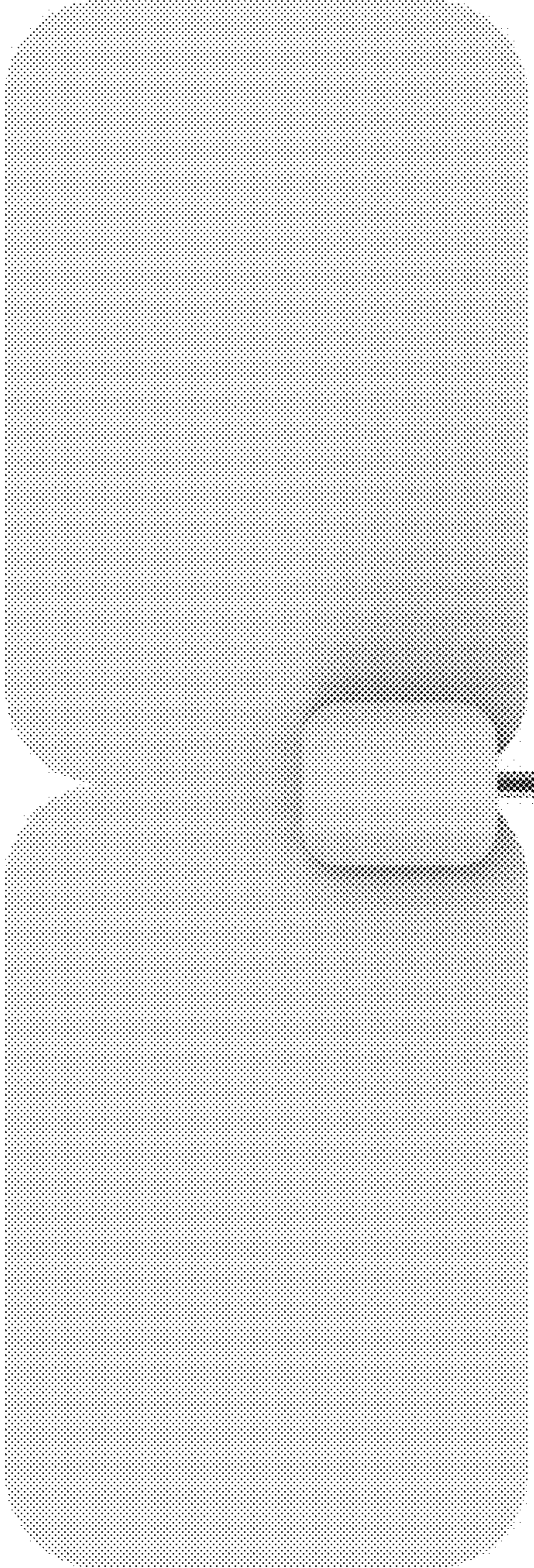


FIG. 29



FIG. 30

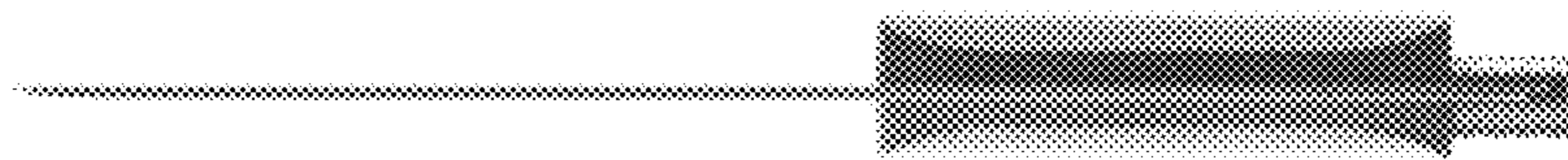


FIG. 31

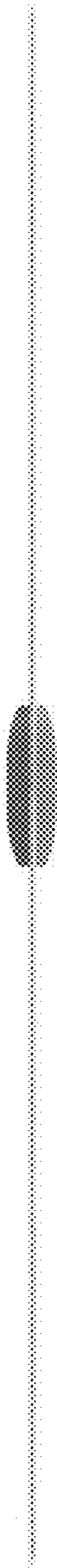


FIG. 32

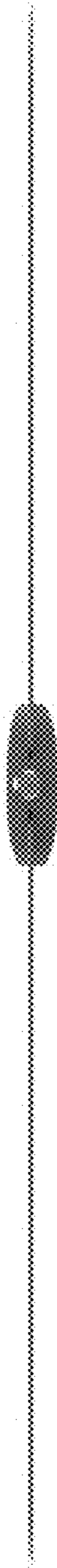


FIG. 33

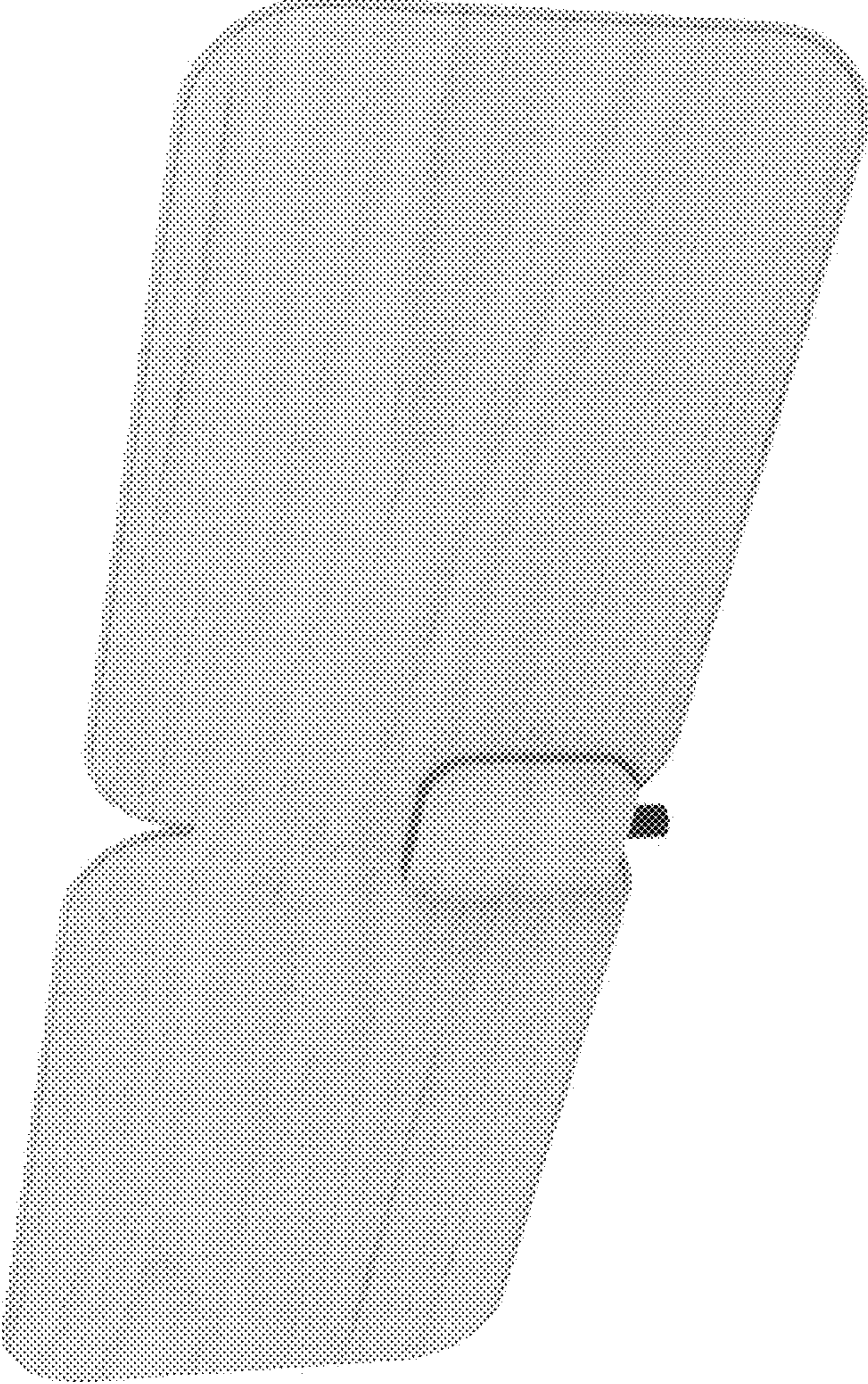


FIG. 34

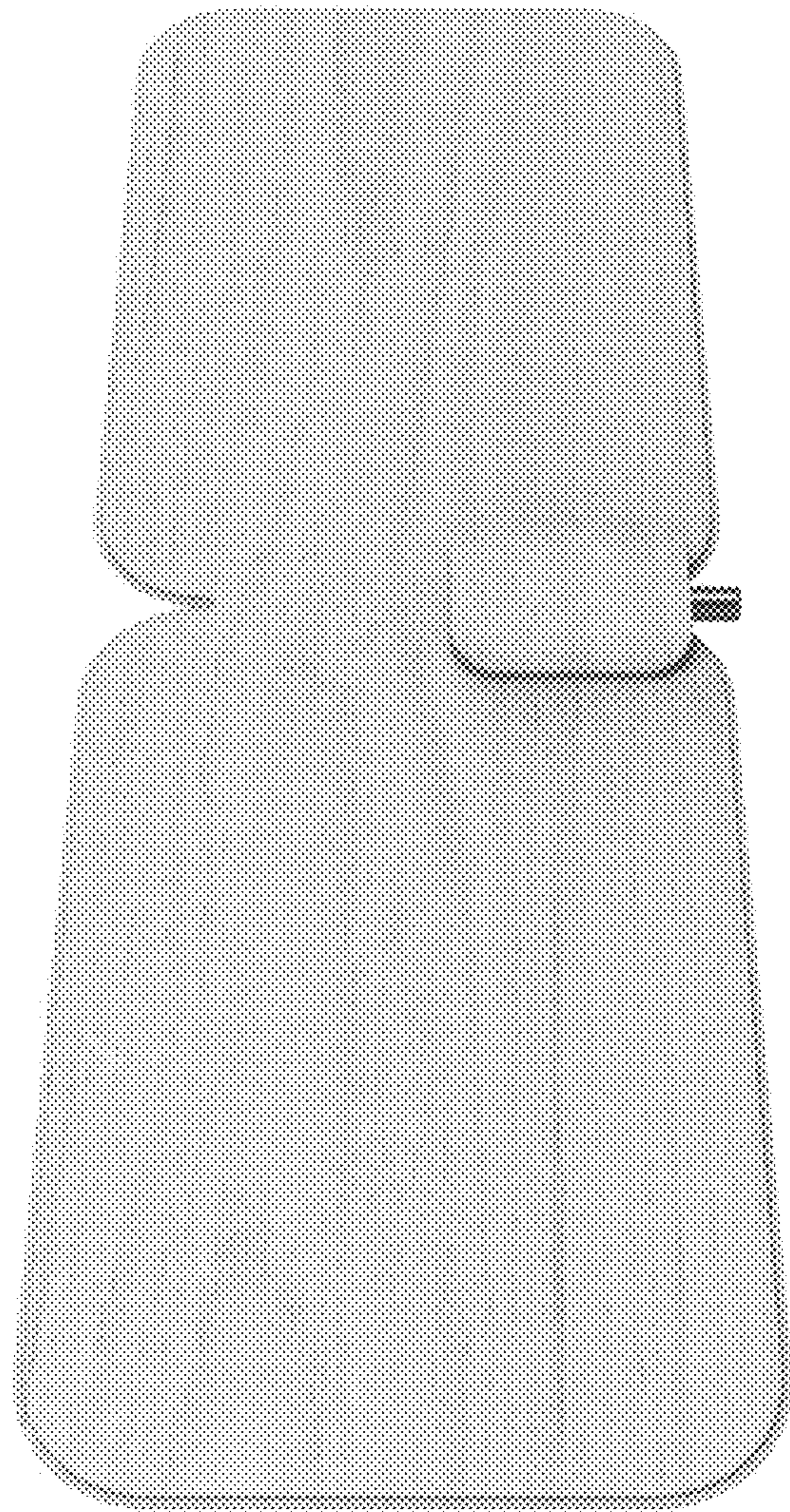


FIG. 35

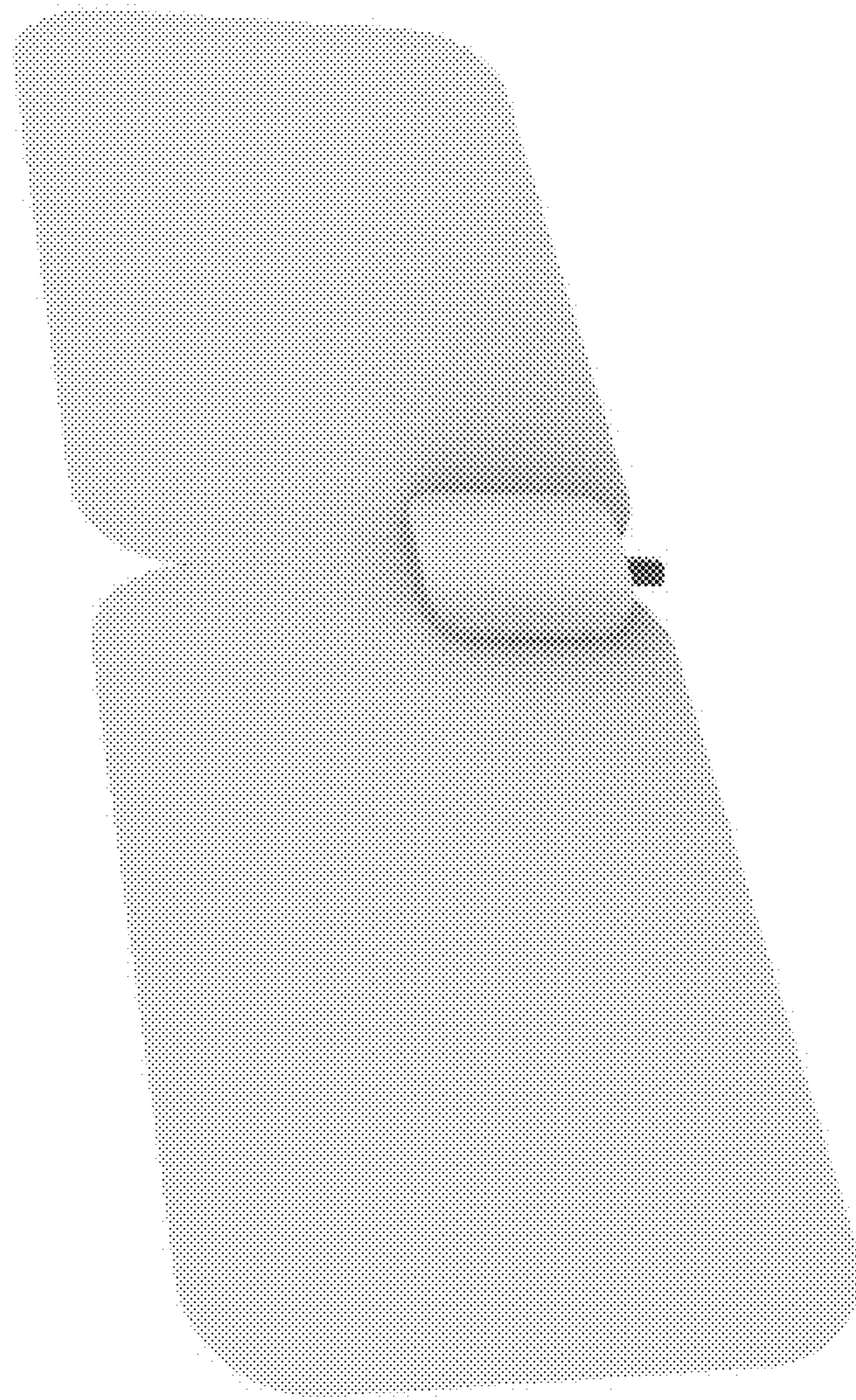


FIG. 36