

US00D896792S

(12) **United States Design Patent** (10) **Patent No.:** **US D896,792 S**
Yang (45) **Date of Patent:** **** *Sep. 22, 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)

(*) Notice: This patent is subject to a terminal disclaimer.

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

(21) Appl. No.: **29/625,392**

(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
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

4,634,975	A *	1/1987	Eccleston	.....	G01V 3/107
					324/232
D416,561	S *	11/1999	Godar	.....	D14/230
D598,433	S *	8/2009	Schneider	.....	D14/230
D598,434	S *	8/2009	Schneider	.....	D14/230
D612,371	S *	3/2010	Suleiman	.....	D14/234
D623,175	S *	9/2010	Suleiman	.....	D14/230
D656,131	S *	3/2012	Suleiman	.....	D14/230

(Continued)

OTHER PUBLICATIONS

“Best Omnidirectional TV Antenna,” Ibyone’s 65-Mile Digital TV Antenna pictured therein, online, post date Jul. 20, 2019, URL: <https://www.consumermentor.com/buyers-guide-to-the-best-omnidirectional-tv-antenna/>, retrieved Jan. 14, 2020.*

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

(74) *Attorney, Agent, or Firm* — Muncy, Geissler, Olds & Lowe, P.C.

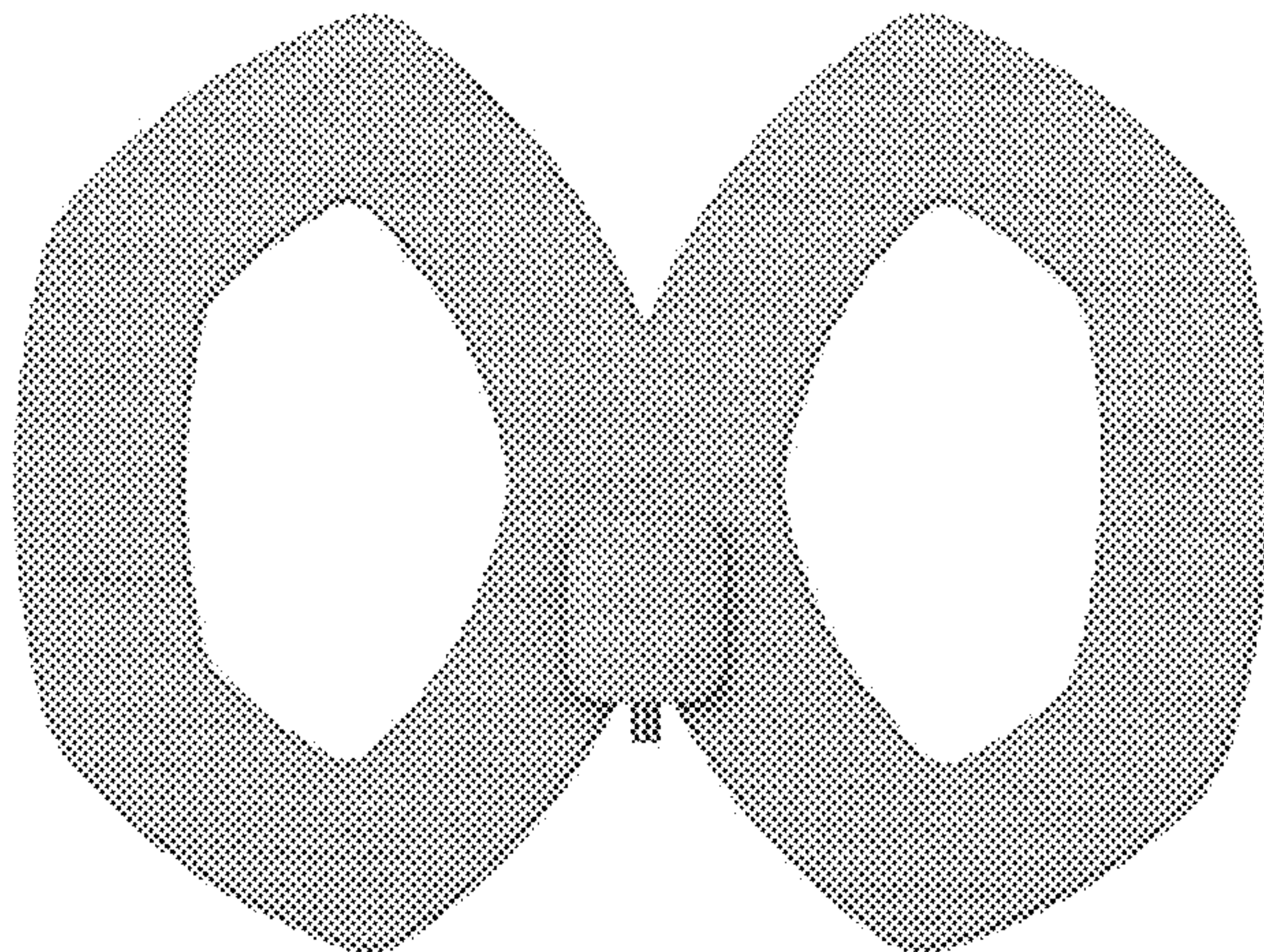
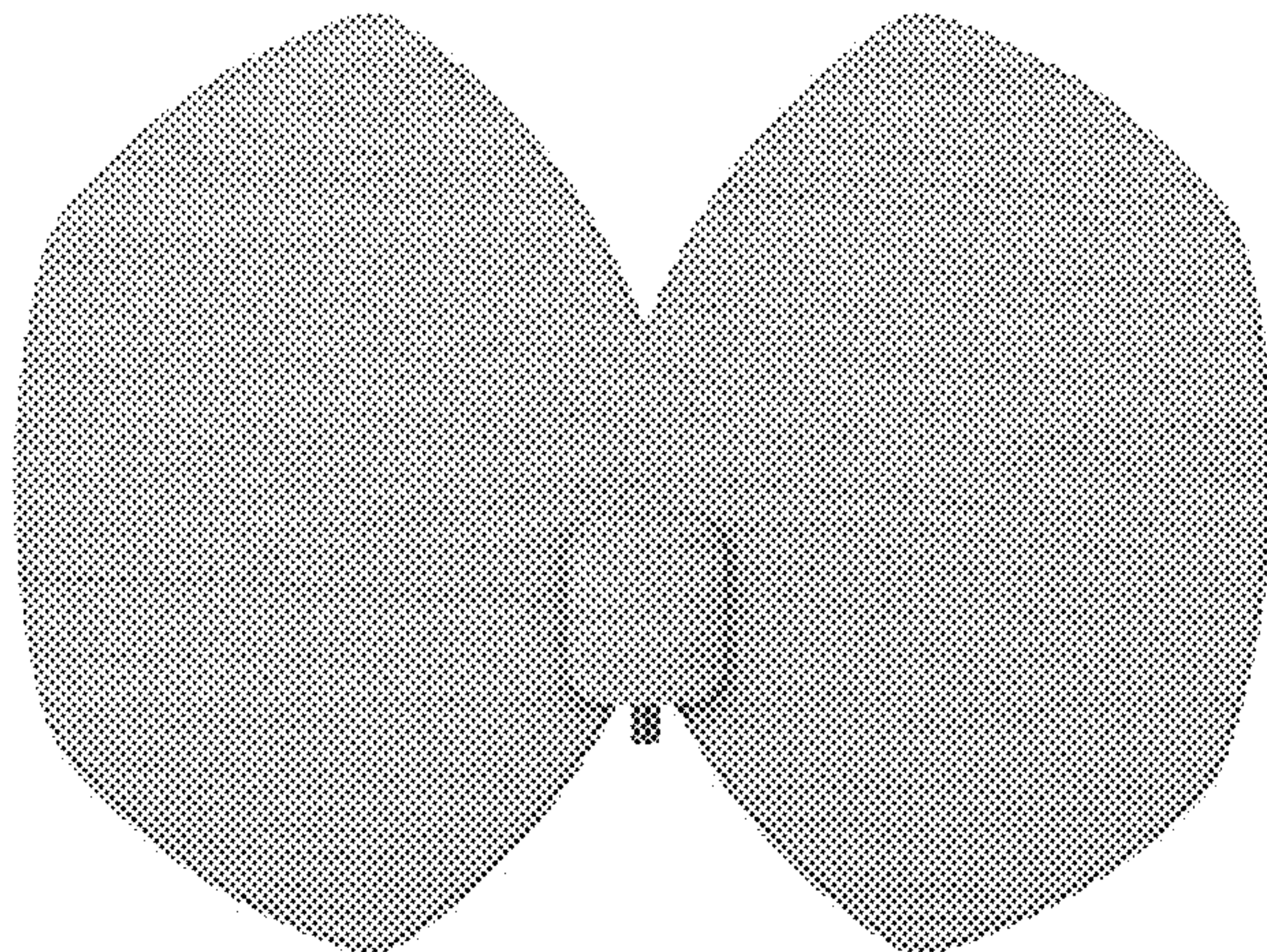
(57) **CLAIM**

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

DESCRIPTION

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.

1 Claim, 18 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D665,385 S * 8/2012 Conrad D14/230
 D697,059 S * 1/2014 Miller D14/230
 D754,641 S * 4/2016 Suleiman D14/230
 D761,771 S * 7/2016 Winstead D14/230
 D806,689 S * 1/2018 Deng D14/234
 D815,622 S * 4/2018 Yang D14/230
 D815,623 S * 4/2018 Yang D14/230
 D824,884 S * 8/2018 Ross, III D14/230
 D827,620 S * 9/2018 Ross, III D14/230
 D829,695 S * 10/2018 Wu 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
 D855,592 S * 8/2019 Wu D14/230
 D856,314 S * 8/2019 Yang D14/230
 D856,315 S * 8/2019 Yang D14/230
 D857,675 S * 8/2019 Wu 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
 D872,714 S * 1/2020 Yang D14/230
 D883,264 S * 5/2020 Ross, III D14/230
 2002/0050954 A1 * 5/2002 Jeong-Kun H01Q 1/38
 343/770
 2016/0149288 A1 * 5/2016 Wang H01Q 21/007
 343/906

* cited by examiner

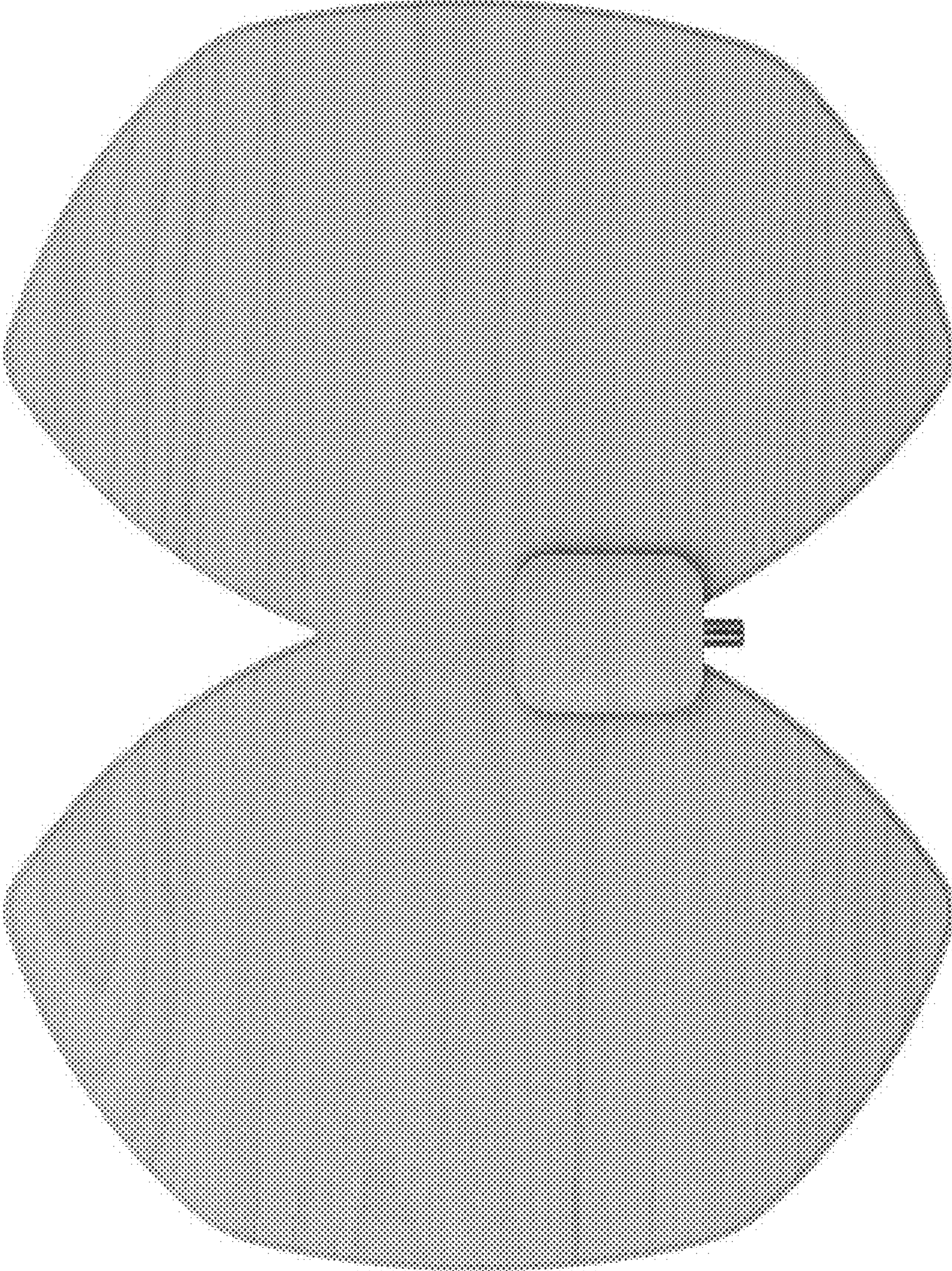


FIG. 1

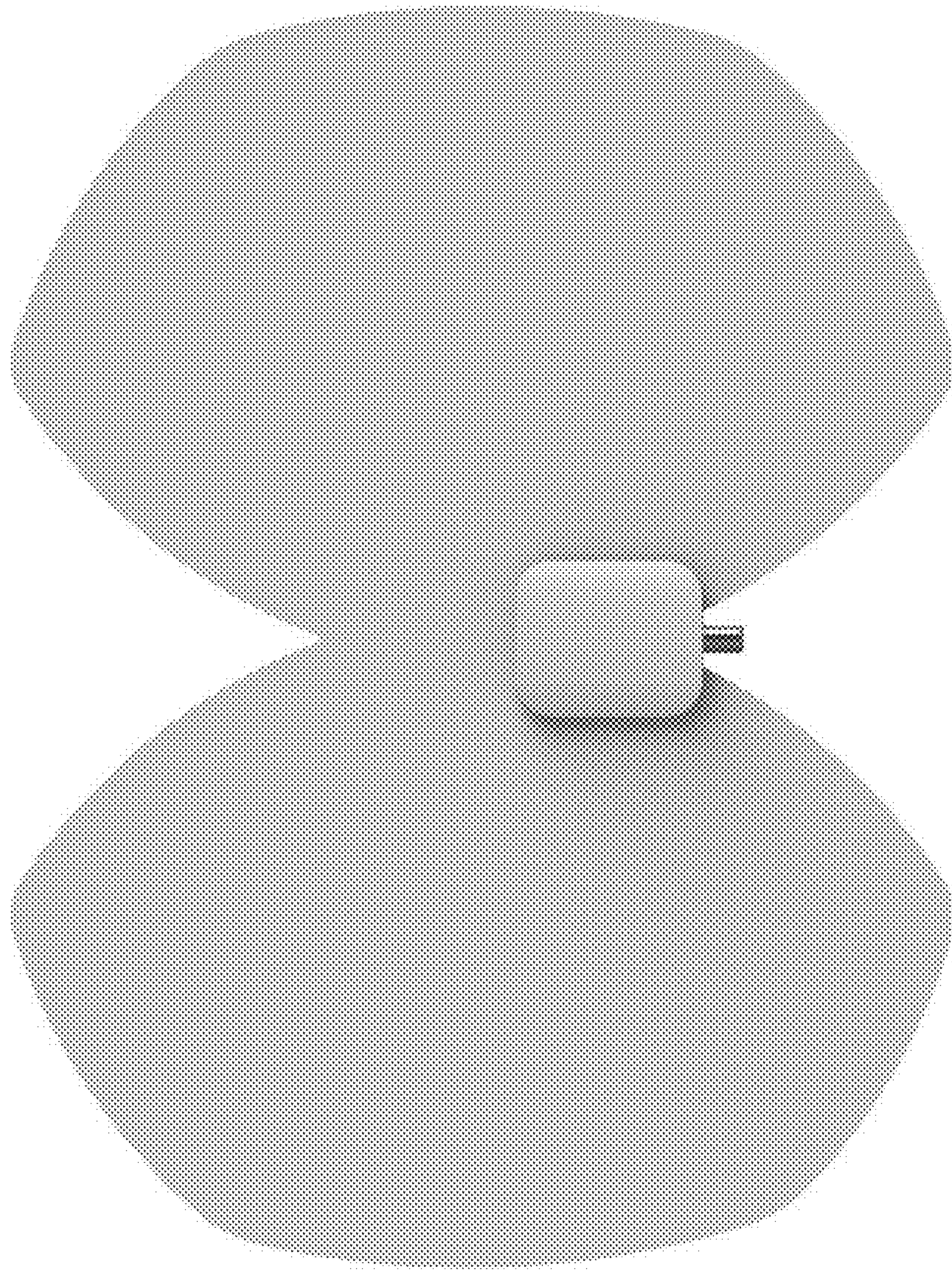


FIG. 2



FIG. 3



FIG. 4

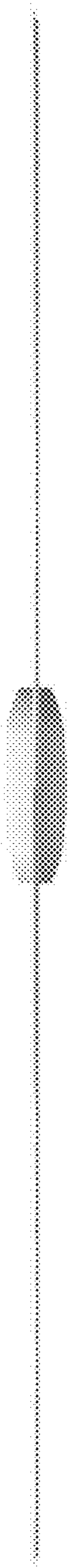


FIG. 5

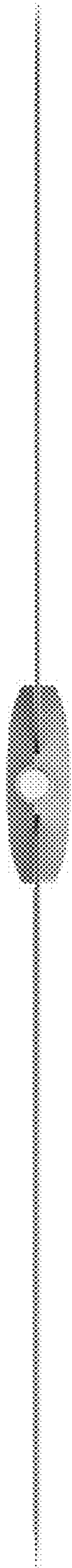


FIG. 6

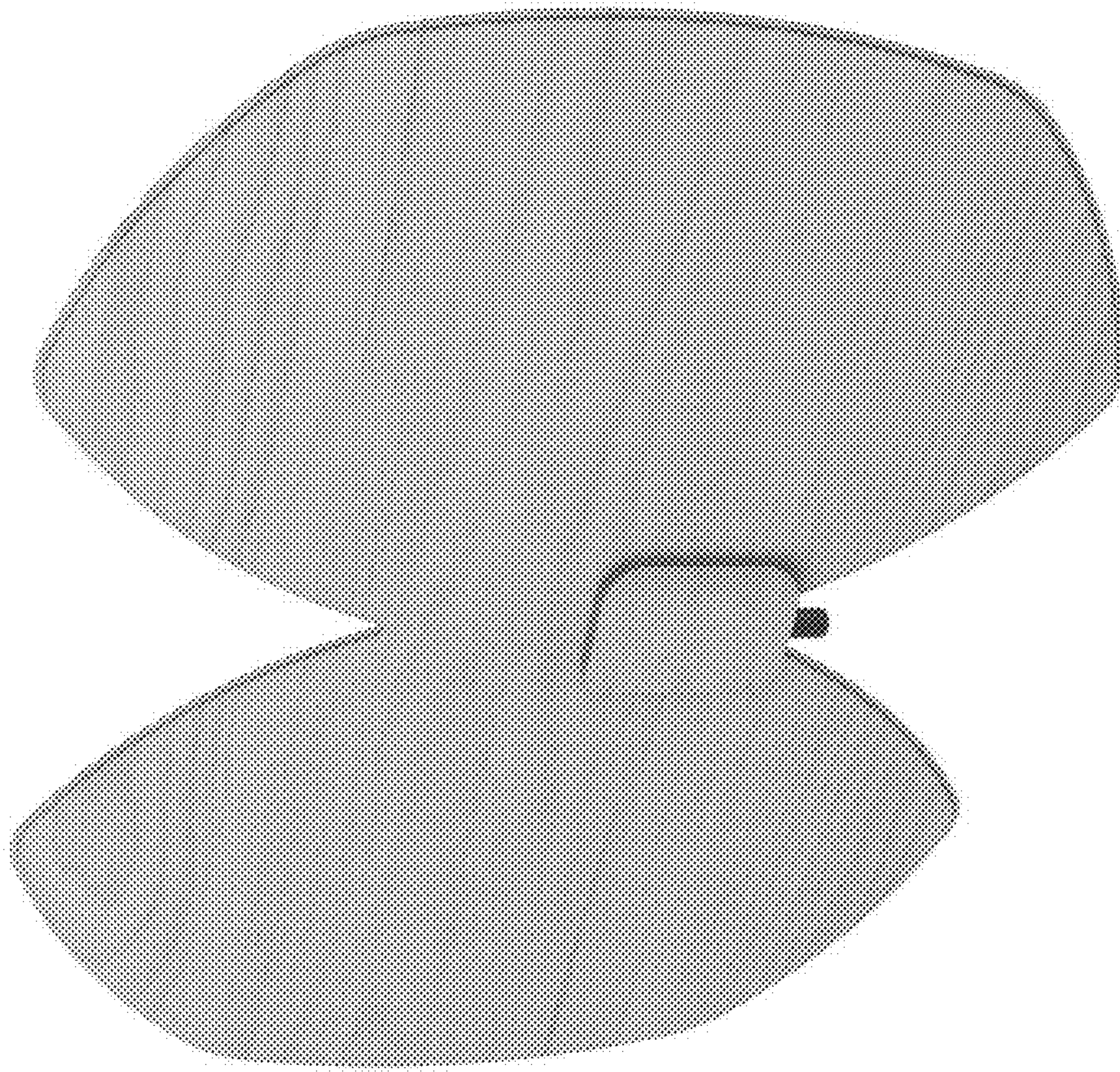


FIG. 7



FIG. 8

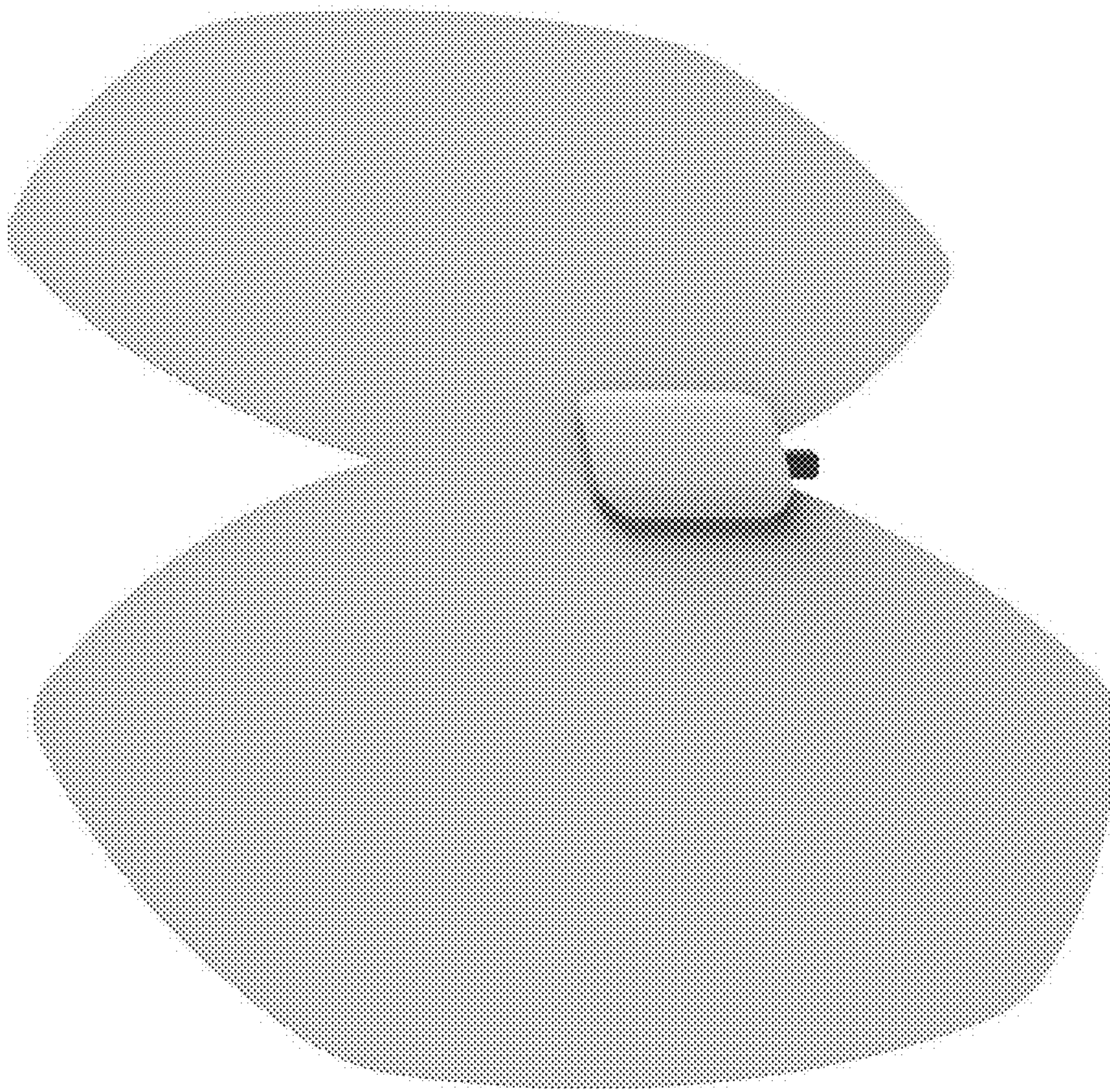


FIG. 9

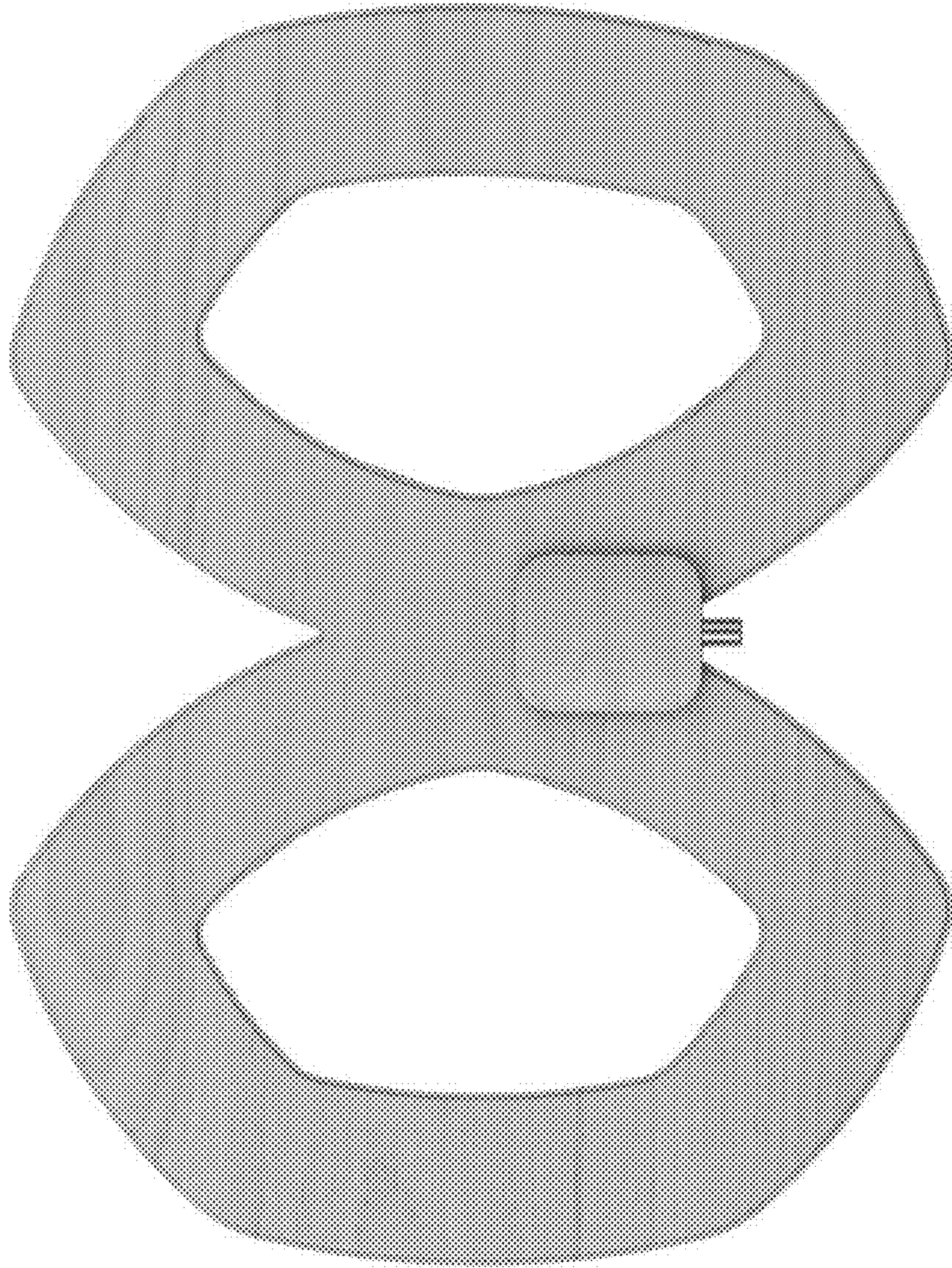


FIG. 10

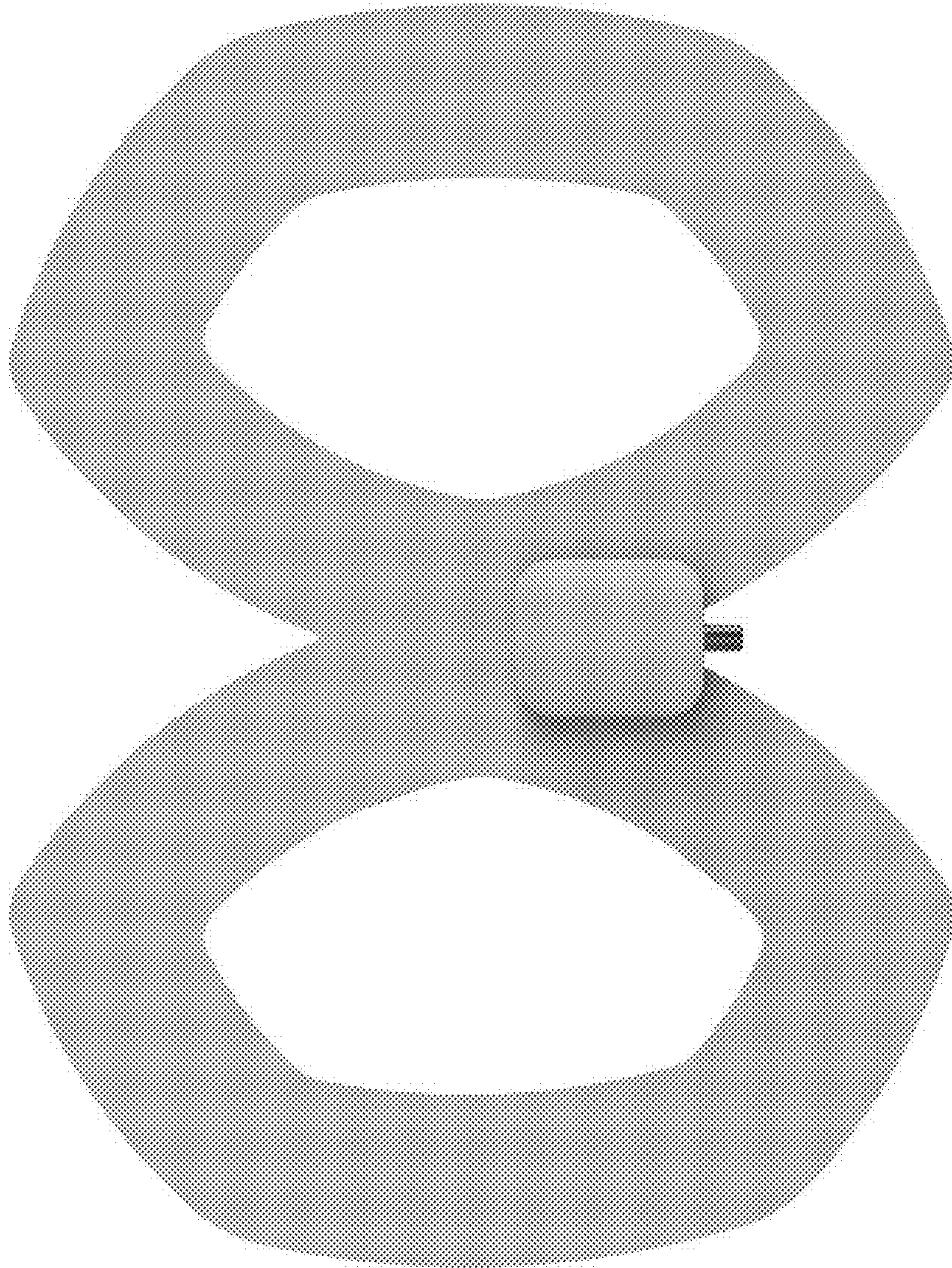


FIG. 11

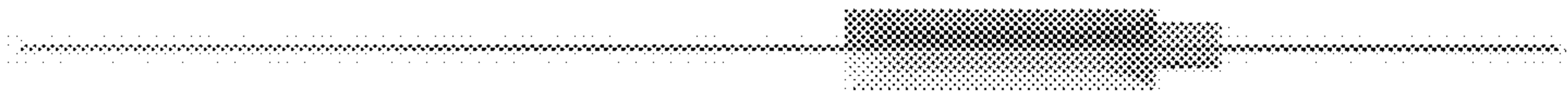


FIG. 12

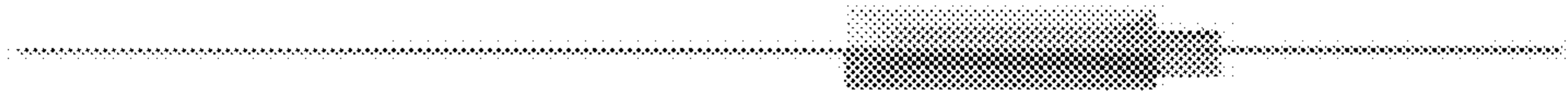


FIG. 13

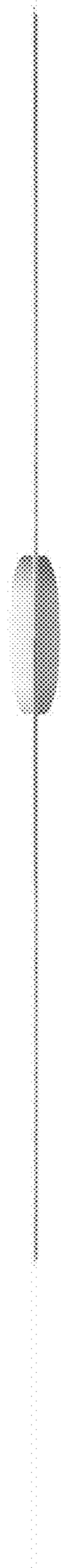


FIG. 14

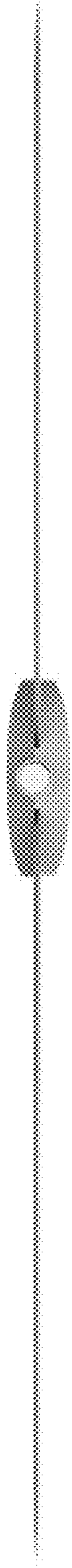


FIG. 15

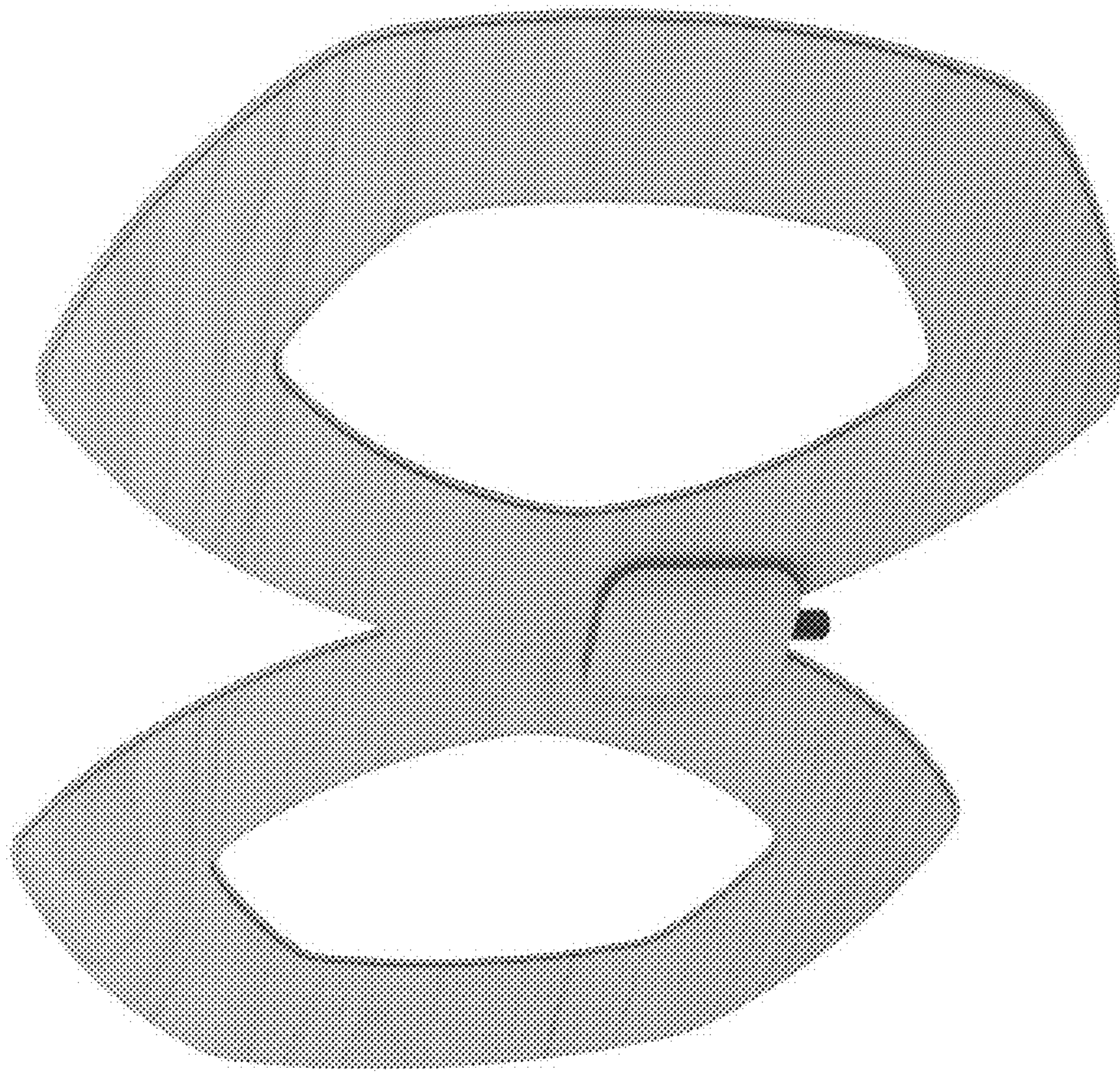


FIG. 16



FIG. 17

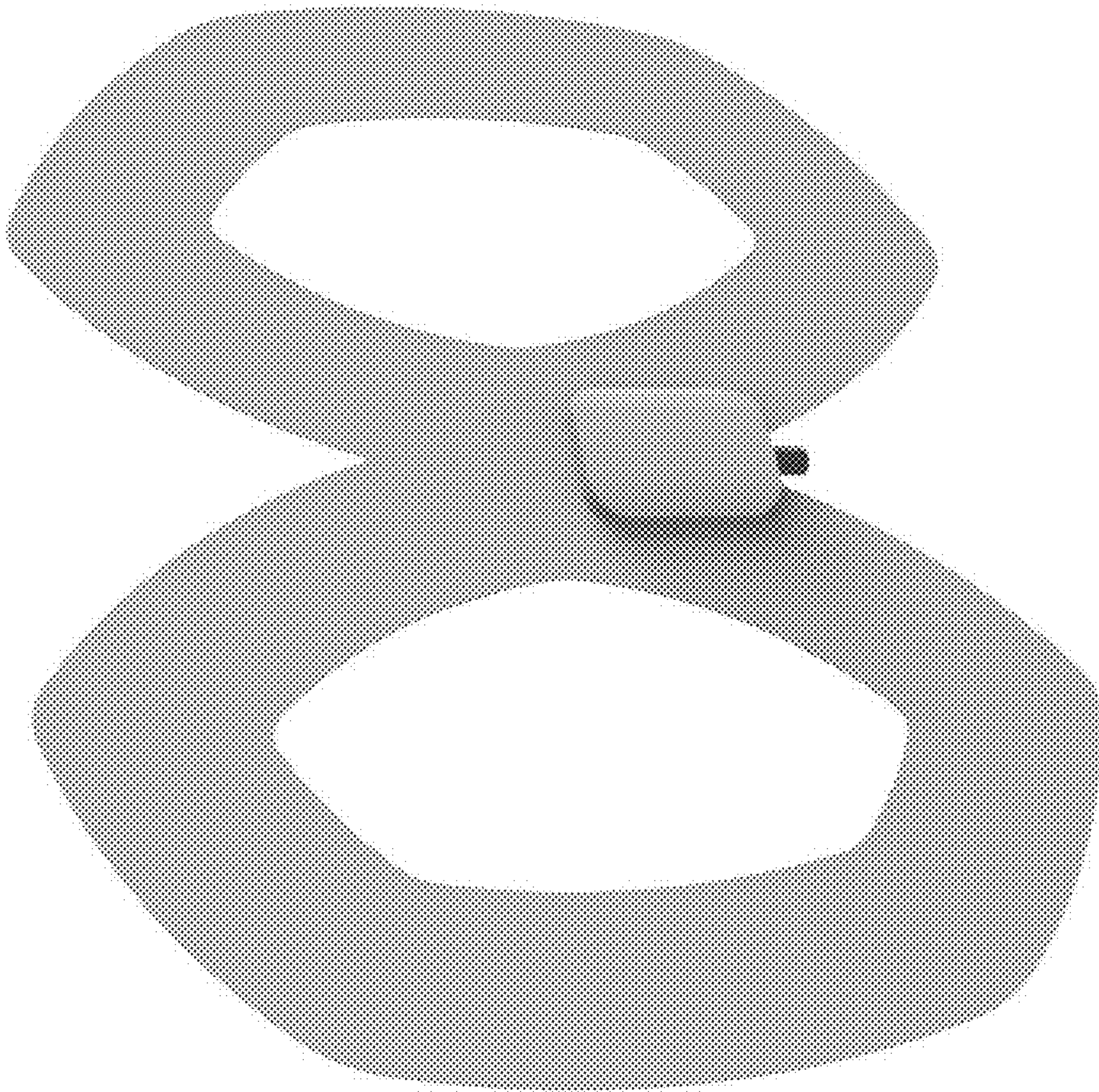


FIG. 18