



US00D872712S

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

(10) **Patent No.:** **US D872,712 S**
(45) **Date of Patent:** **** Jan. 14, 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.: **29/604,981**

(22) Filed: **May 22, 2017**

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

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

(58) **Field of Classification Search**
USPC D14/137, 138 R, 138 AA, 148, 155, 167, D14/168, 203.6, 204, 209, 216, 218, 221, D14/230-238, 238.1, 240, 242, 265, 299, D14/343, 358, 509; D10/10
CPC H01Q 7/00; H01Q 13/10; H01Q 9/285; H01Q 19/30; H01Q 19/12; H01Q 1/38; H01Q 1/36; H04B 1/0475; H04B 1/034; H05K 11/00

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D170,203 S *	8/1953	Leonard	.....	D14/230
D302,818 S *	8/1989	Camens	.....	D14/219
D308,521 S *	6/1990	Lonczak	.....	D14/230
D318,673 S *	7/1991	Terk	.....	D14/230
D345,362 S *	3/1994	Kadono	.....	D14/230
D345,982 S *	4/1994	Lucey	.....	D14/230
D378,368 S *	3/1997	McGreevy	.....	D14/137
D381,583 S *	7/1997	Schugart	.....	D10/10
D480,714 S *	10/2003	Wang	.....	D14/235
7,471,246 B2 *	12/2008	Soler Castany	.....	H01Q 1/246 343/700 MS
D585,883 S *	2/2009	Kaneko	.....	D14/230

(Continued)

OTHER PUBLICATIONS

ANTOP World Map Mini Indoor HDTV Antenna Smartpass Amplified, online, no post date, <URL: https://antopusa.com/product/smartpass-amplified-indoor-hdtv-antenna-at-121b/>, retrieved Aug. 30, 2018.*

(Continued)

Primary Examiner — Jeffrey D Asch

Assistant Examiner — Rebekah A Caruso

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

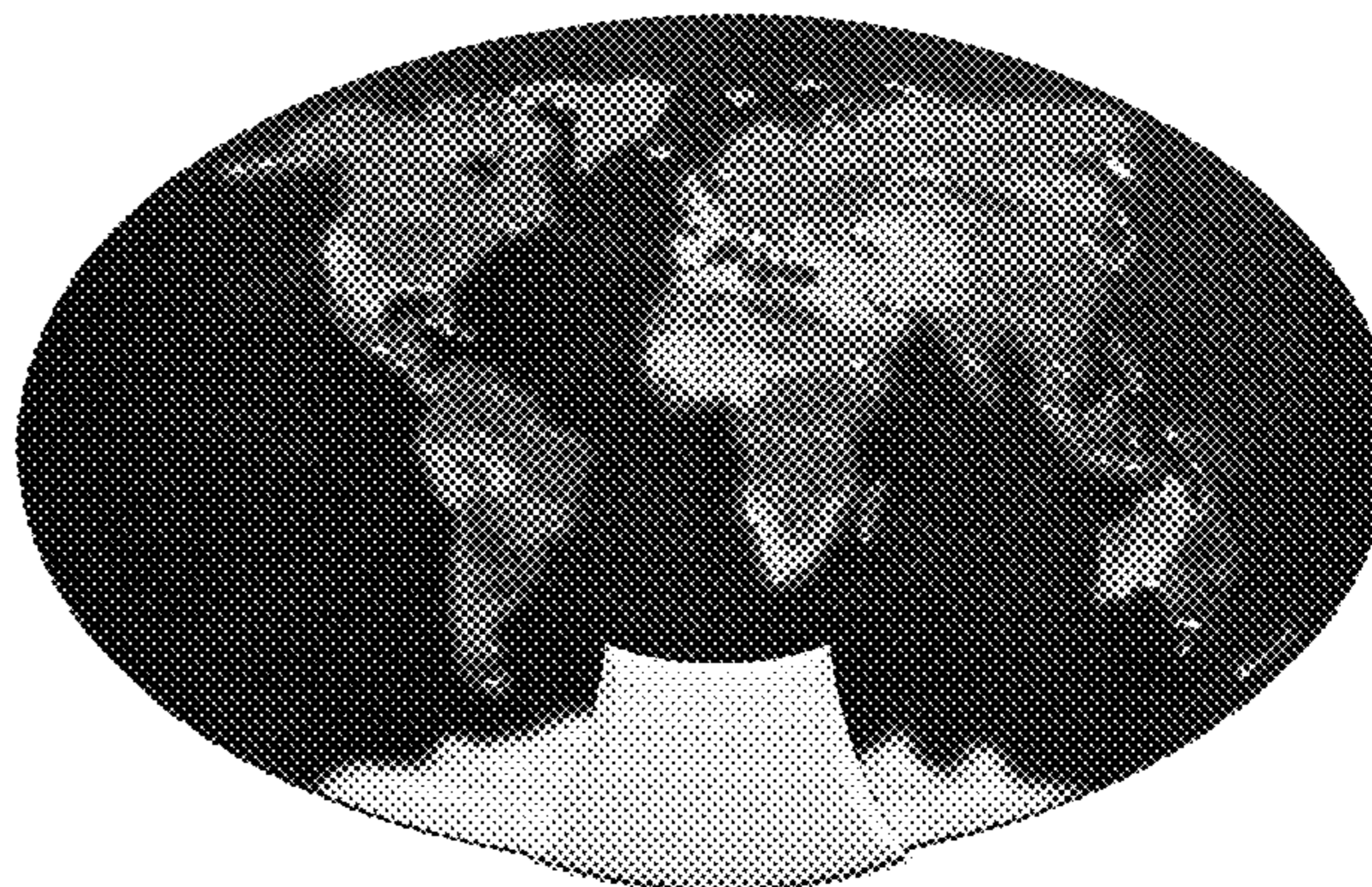
(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a front, right perspective view of a first embodiment of an antenna showing my new design; FIG. 2 is a rear, left perspective view thereof; FIG. 3 is a front elevational view thereof; FIG. 4 is a rear elevational view thereof; FIG. 5 is a right side view thereof; FIG. 6 is a left side view thereof; FIG. 7 is a bottom plan view thereof; FIG. 8 is a top plan view thereof; FIG. 9 is a front, right perspective view of a second embodiment of an antenna showing my new design; FIG. 10 is a rear, left perspective view thereof; FIG. 11 is a front elevational view thereof; FIG. 12 is a rear elevational view thereof; FIG. 13 is a right side view thereof; FIG. 14 is a left side view thereof; FIG. 15 is a bottom plan view thereof; and, FIG. 16 is a top plan view thereof.

1 Claim, 16 Drawing Sheets



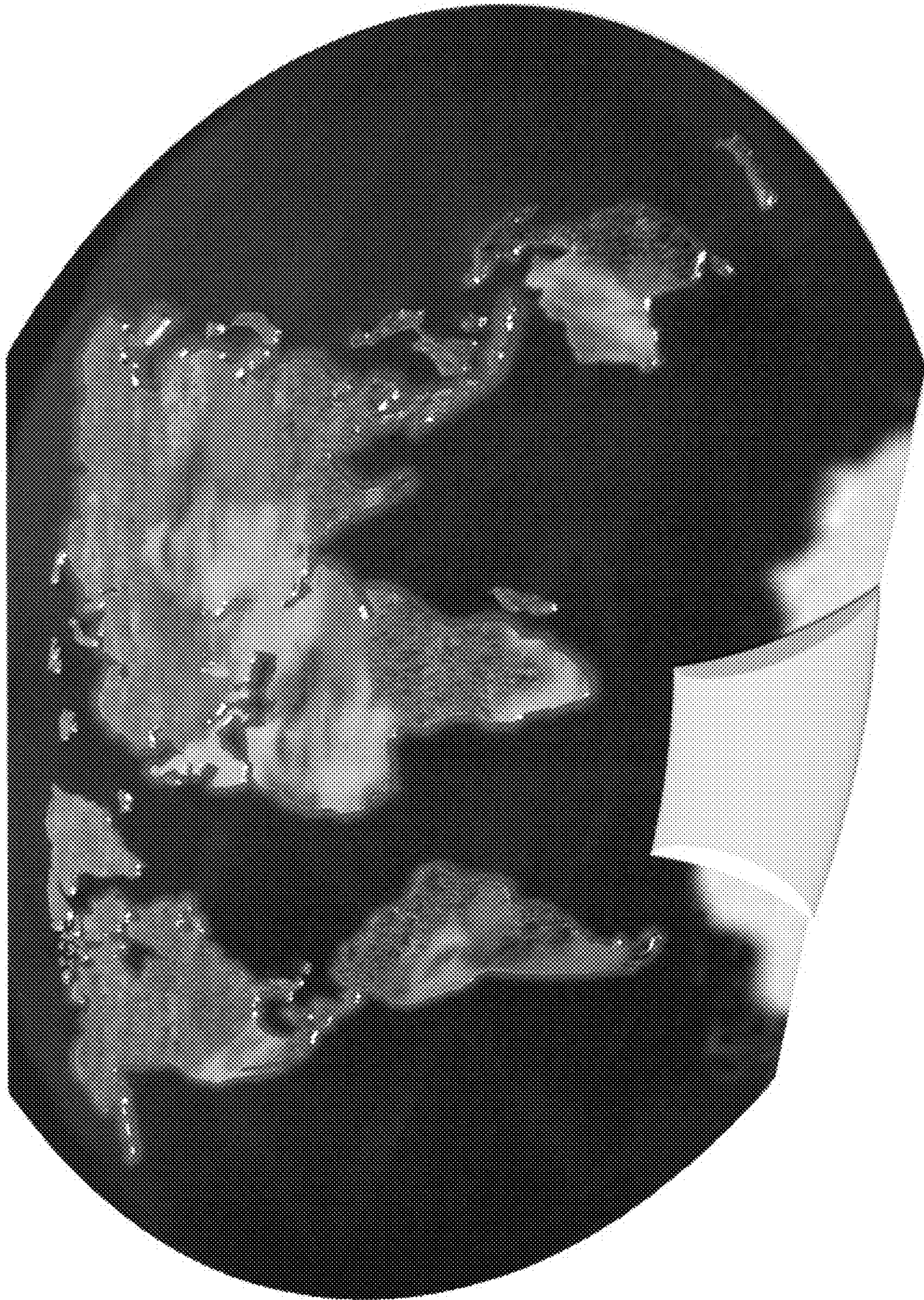


FIG. 1

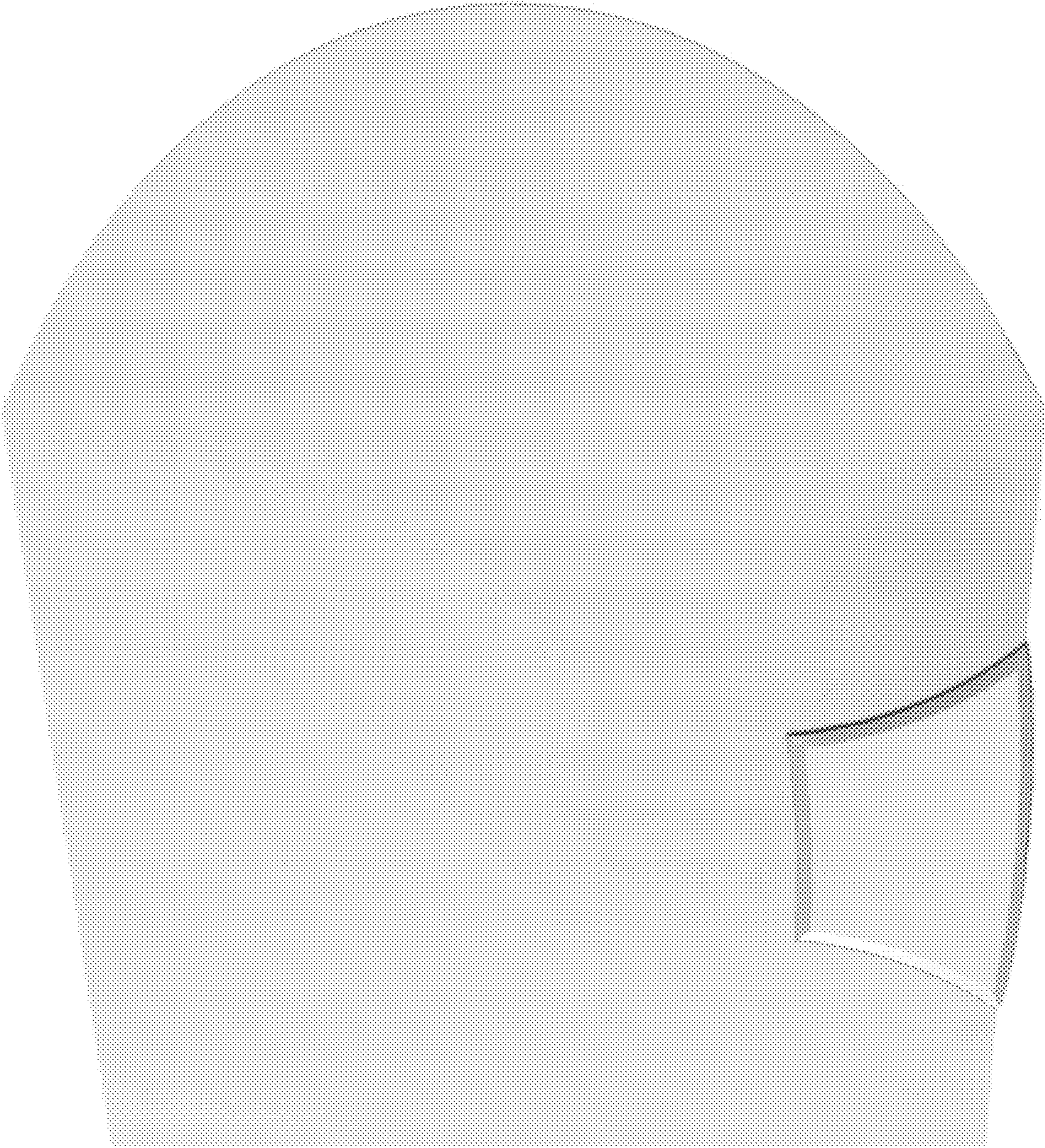


FIG. 2

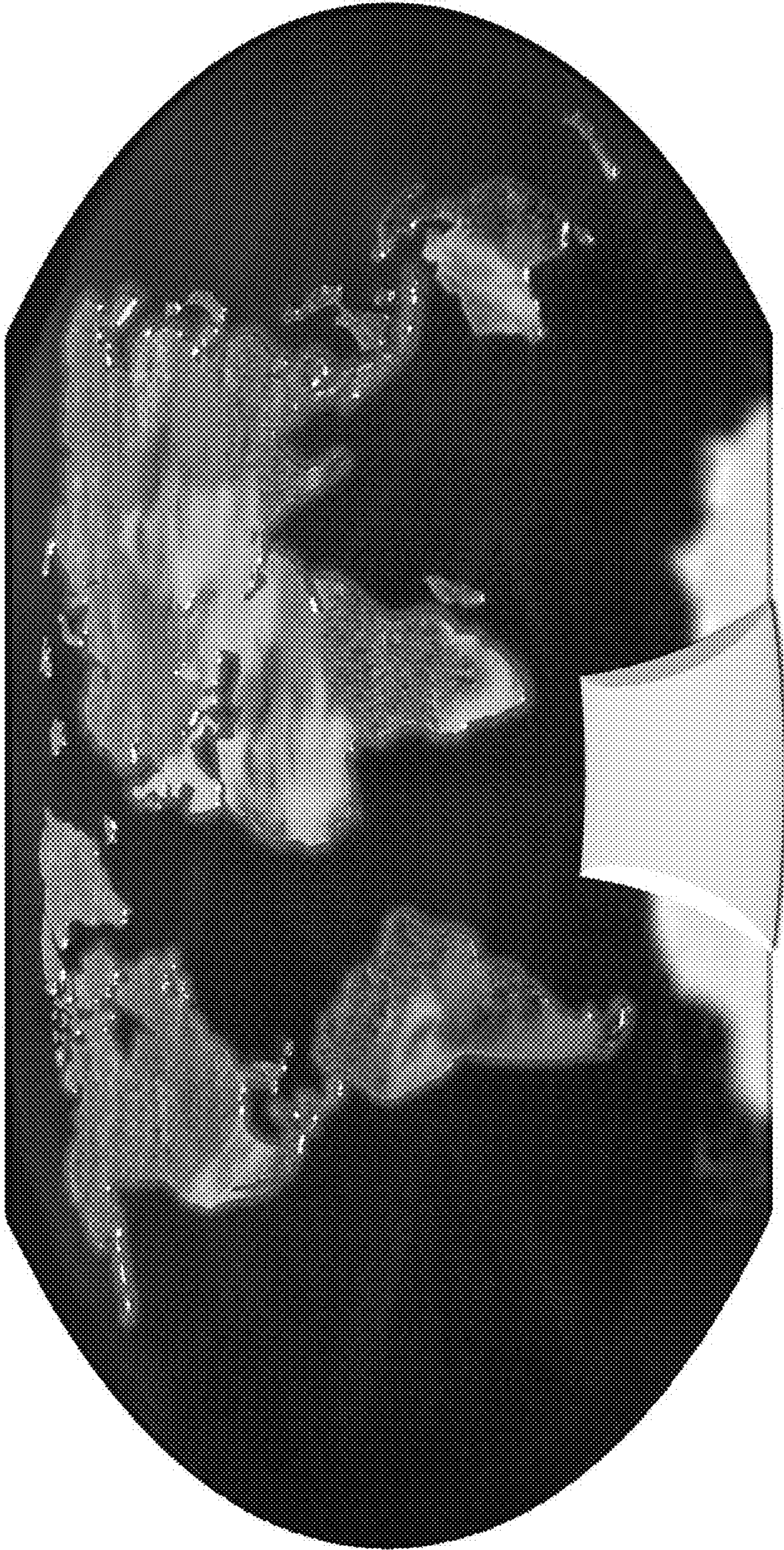


FIG. 3

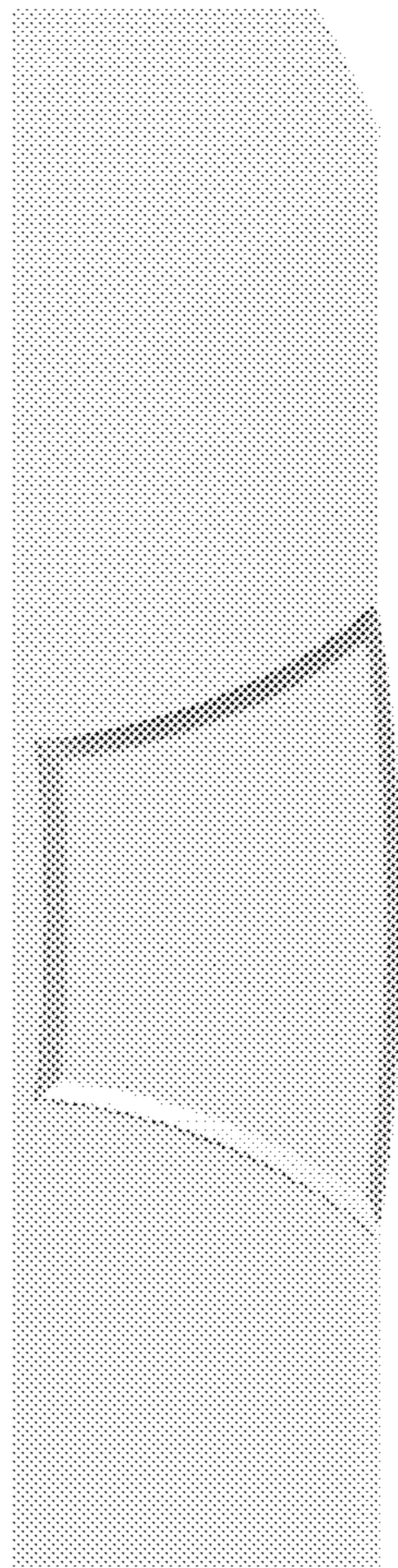


FIG. 4

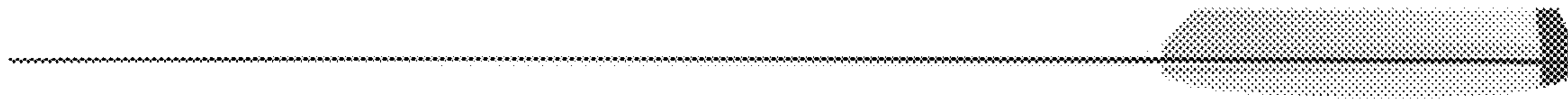


FIG. 5



FIG. 6

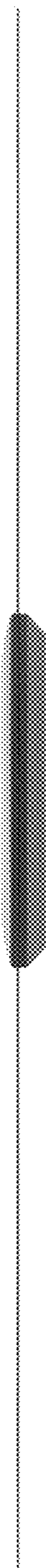


FIG. 7

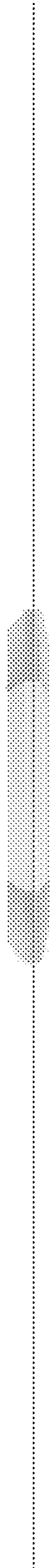


FIG. 8

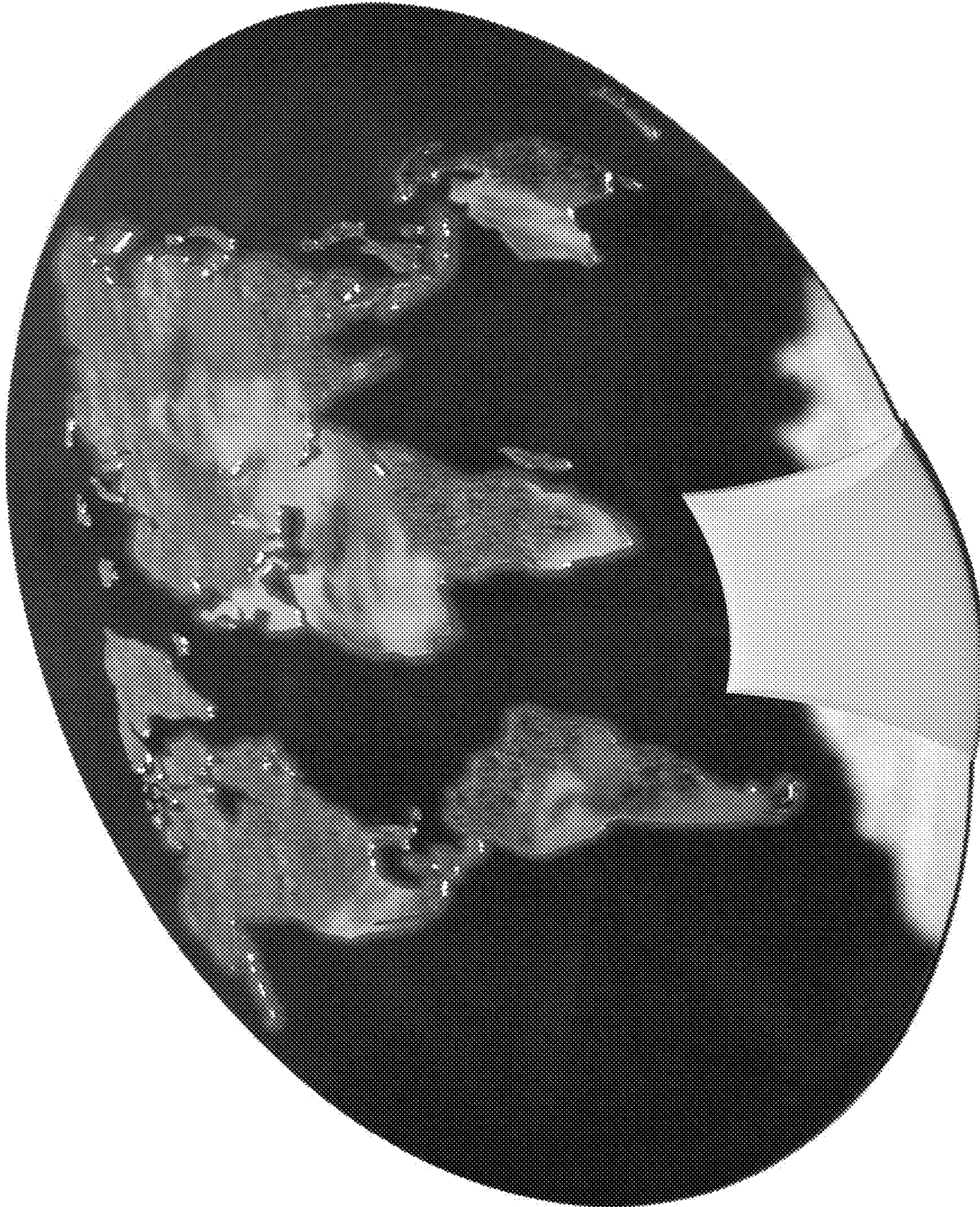


FIG. 9

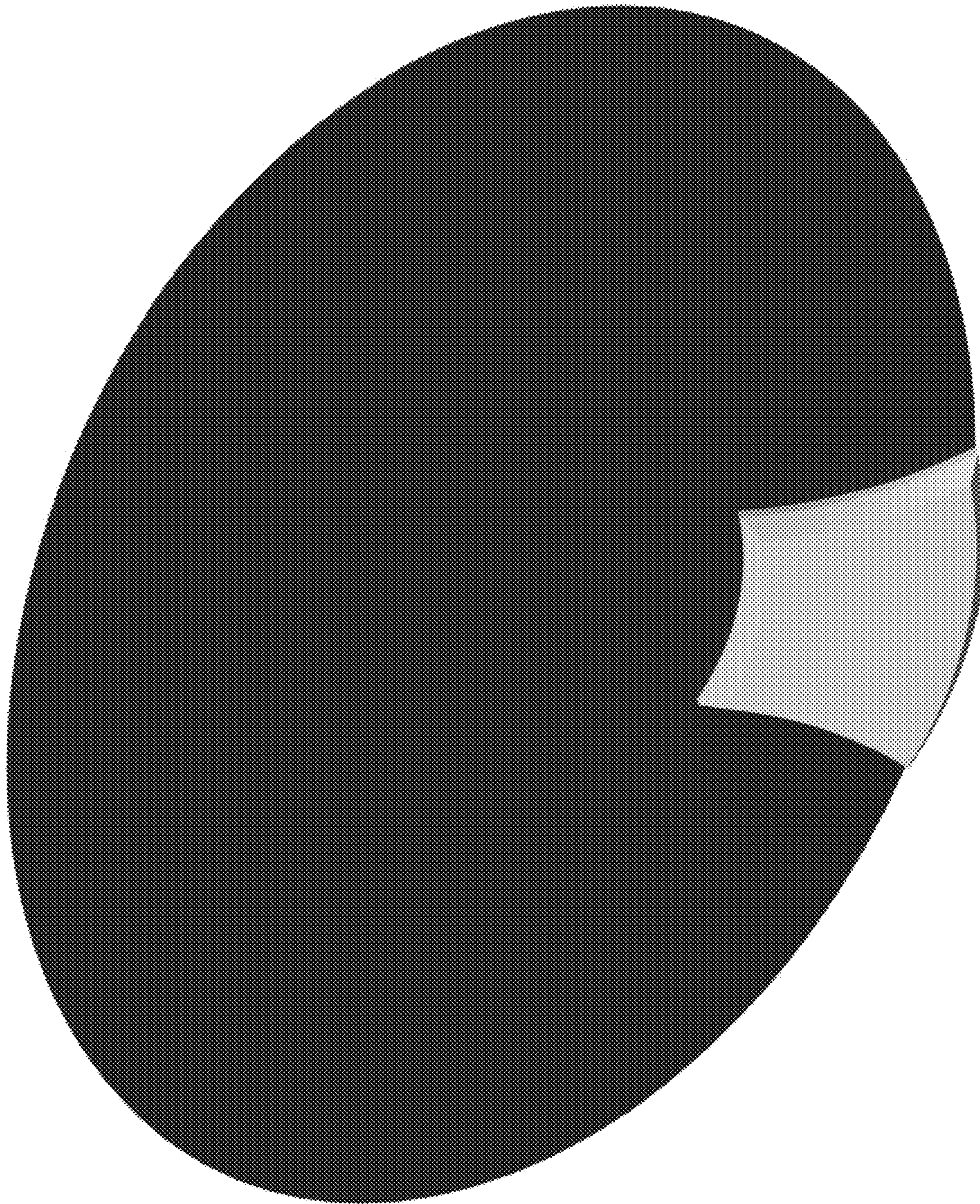


FIG. 10

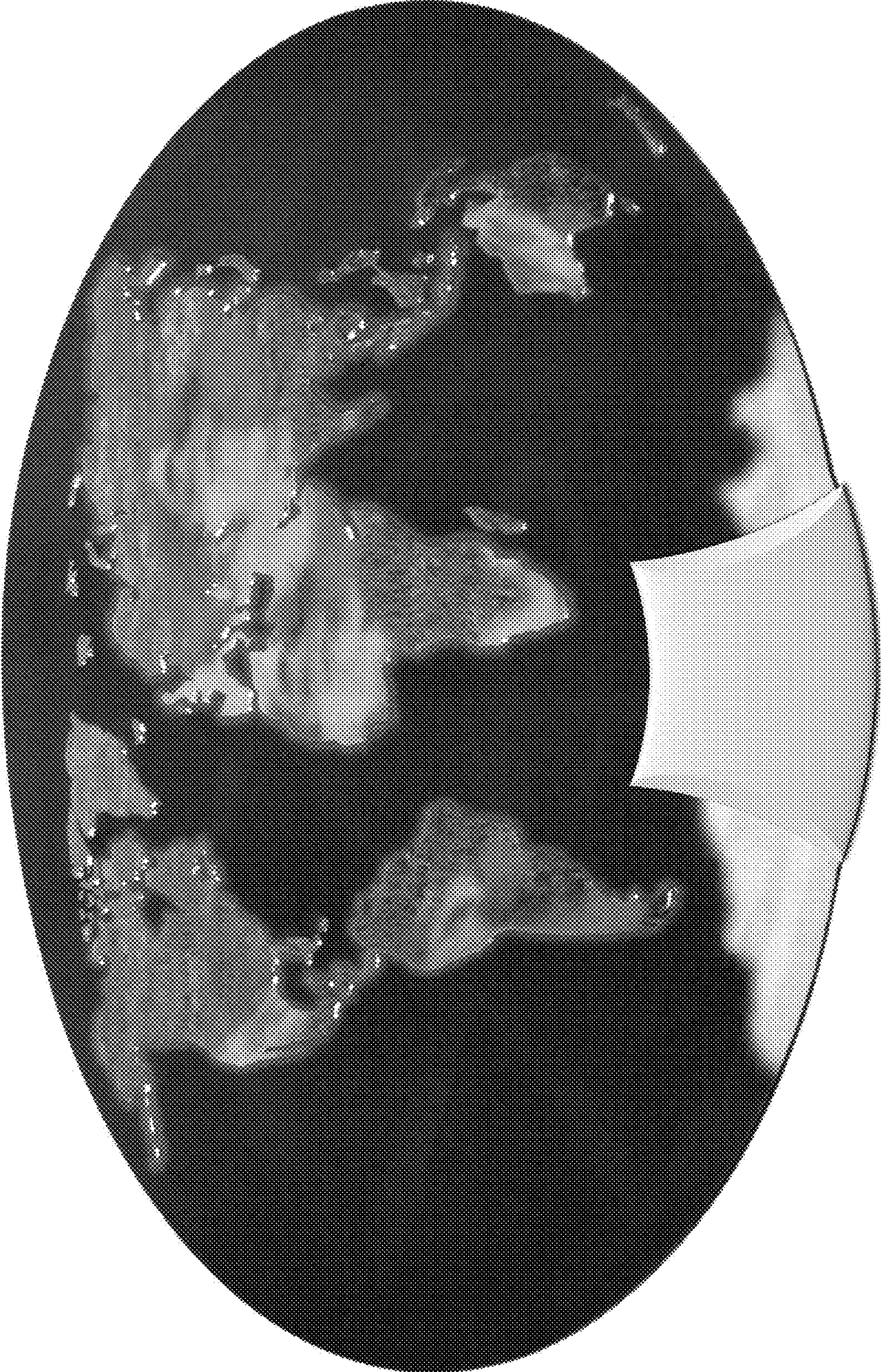


FIG. 11

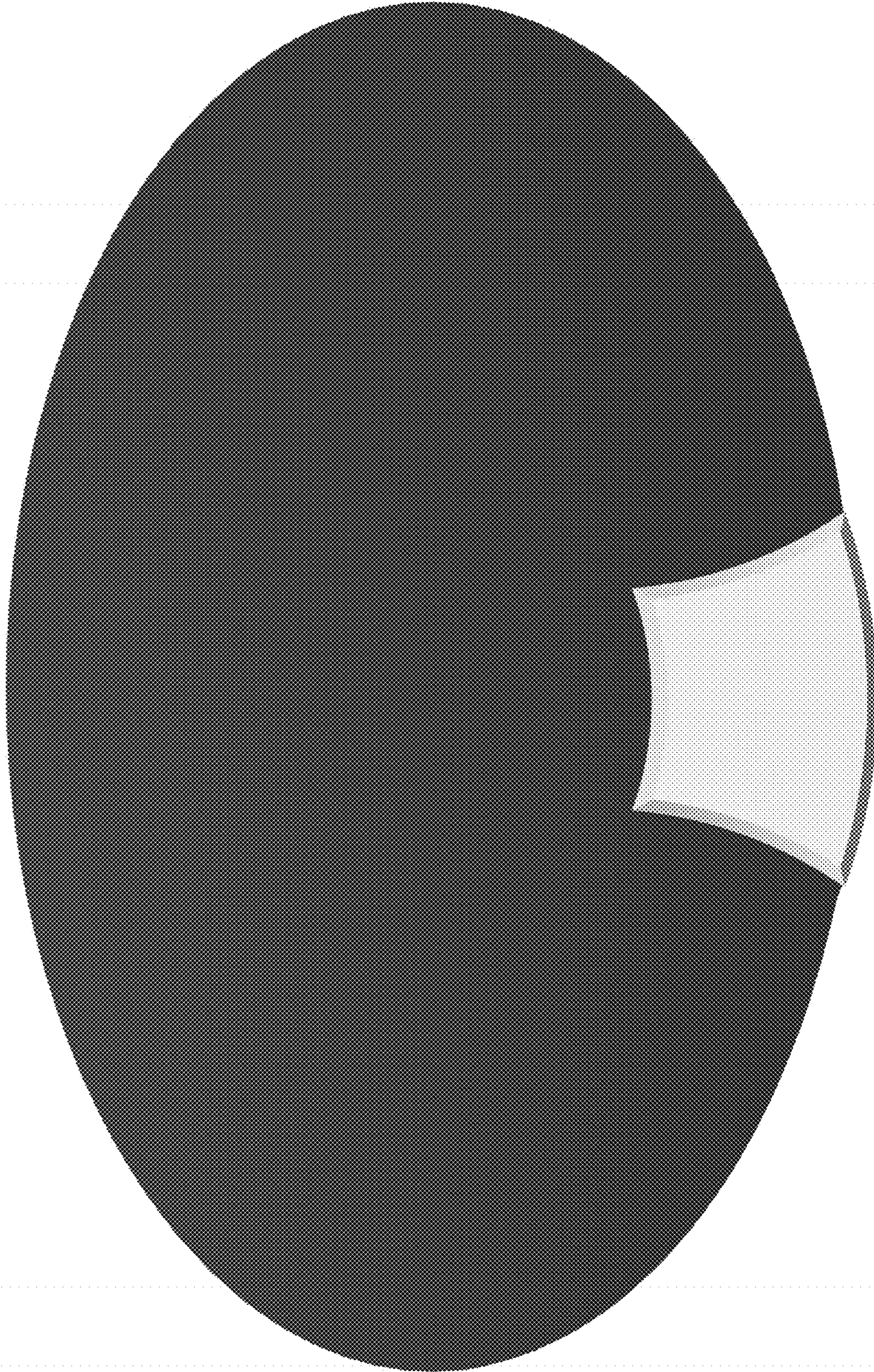


FIG. 12

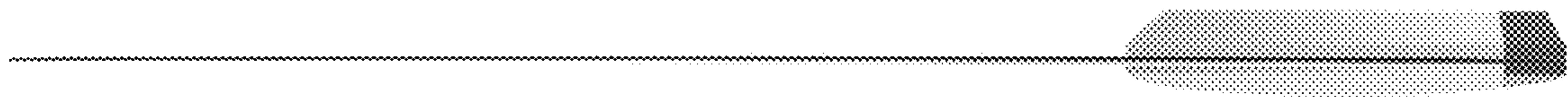


FIG. 13

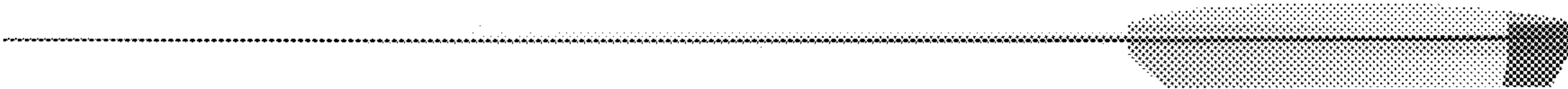


FIG. 14

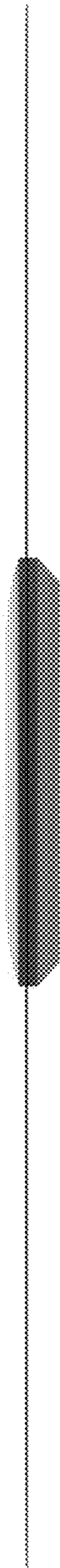


FIG. 15

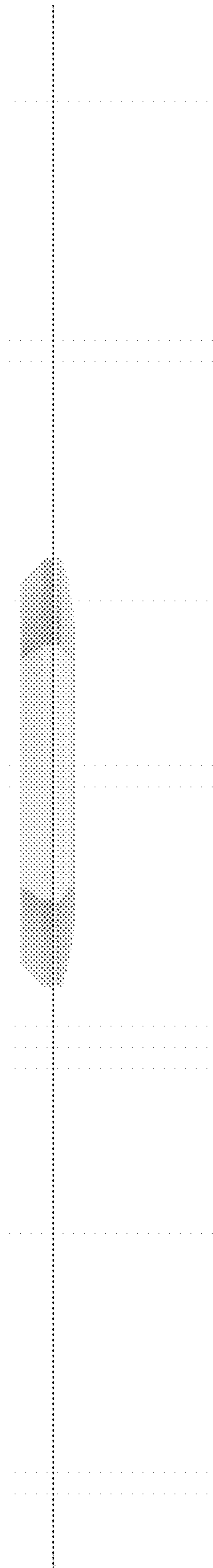


FIG. 16