



US00D838703S

(12) **United States Design Patent**
Yang et al.

(10) **Patent No.:** **US D838,703 S**
(45) **Date of Patent:** **** Jan. 22, 2019**

- (54) **ANTENNA**
- (71) Applicant: **SHENZHEN ANTOP TECHNOLOGY LIMITED**, Shenzhen (CN)
- (72) Inventors: **Ruidian Yang**, Shenzhen (CN); **Bosen Yang**, Shenzhen (CN)
- (73) Assignee: **SHENZHEN ANTOP TECHNOLOGY LIMITED**, Shenzhen (CN)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/614,629**
- (22) Filed: **Aug. 21, 2017**
- (51) **LOC (11) Cl.** **14-03**
- (52) **U.S. Cl.**
USPC **D14/230**
- (58) **Field of Classification Search**
USPC ... D14/230.1, 203.3, 203.6, 230-238, 238.1, D14/204, 216, 221, 240, 242, 299, 314, D14/343, 496, 509
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
D132,380 S * 5/1942 Page 343/872
D211,179 S * 5/1968 Rosenberry D14/234
D368,720 S * 4/1996 Godar D14/230

- D416,561 S * 11/1999 Godar D14/230
- 6,323,821 B1 * 11/2001 McLean H01Q 1/36 343/752
- D470,837 S * 2/2003 Tourres D14/230
- D572,619 S * 7/2008 Beland D10/118
- D573,182 S * 7/2008 Ricketts D19/10
- D632,735 S * 2/2011 McGrane D19/10
- D680,107 S * 4/2013 Piedra D14/250
- D751,535 S * 3/2016 Poddaturi D14/230
- D756,758 S * 5/2016 Meyers D8/374

(Continued)

OTHER PUBLICATIONS

Antop Paper Thin AT-105B Indoor HDTV Antenna, online, no post date, <URL: <https://antopusa.com/product/smartpass-amplified-indoor-hdtv-antenna-paper-thin-at-105b/>>, retrieved Oct. 12, 2018.*

(Continued)

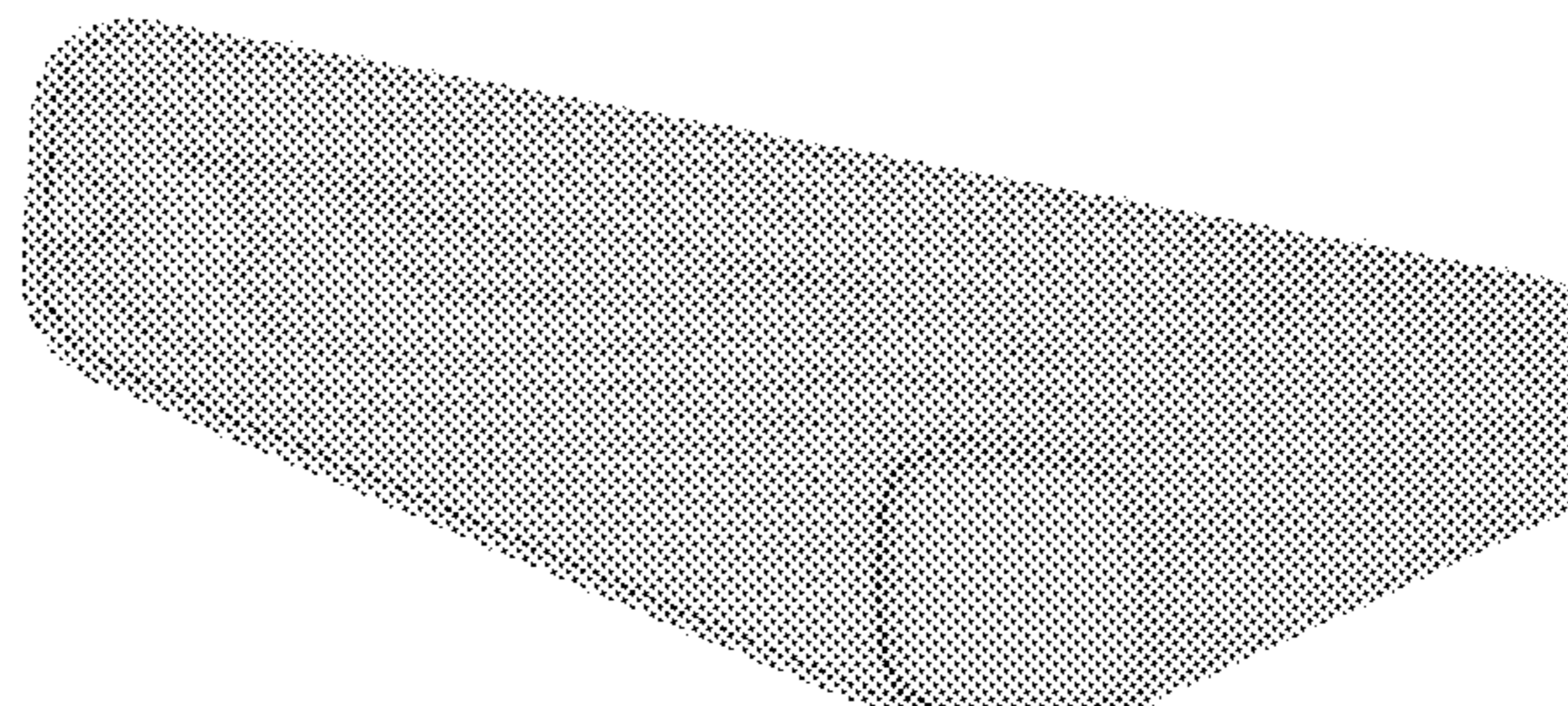
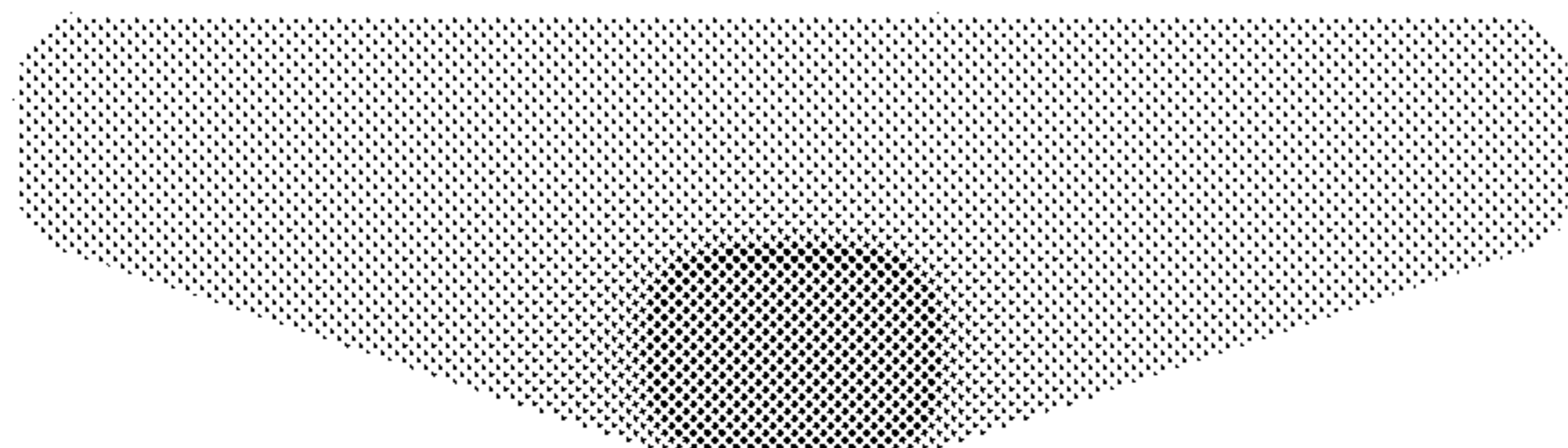
Primary Examiner — Jeffrey D Asch
Assistant Examiner — Rebekah A Caruso
(74) *Attorney, Agent, or Firm* — Muncy, Geissler, Olds & Lowe, P.C.

(57) **CLAIM**
The ornamental design for an antenna, as shown and described.

DESCRIPTION

FIG. 1 is a front, bottom, right perspective view of an antenna showing our new design;
FIG. 2 is a front, bottom, 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 top plan view thereof;
FIG. 8 is a bottom plan view thereof;
FIG. 9 is a rear, bottom, right perspective view thereof; and,
FIG. 10 is a rear, bottom, left perspective view thereof.

1 Claim, 10 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D761,771	S *	7/2016	Winstead	D14/230
D798,132	S *	9/2017	Meyers	D8/374
D807,859	S *	1/2018	Wagner	D14/215
D815,623	S *	4/2018	Yang	D14/230
D829,694	S *	10/2018	Yang	D14/230
2008/0180342	A1 *	7/2008	Kerselaers	H01Q 9/285 343/795
2011/0050537	A1 *	3/2011	Wu	H01Q 1/243 343/878
2016/0149288	A1 *	5/2016	Wang	H01Q 1/007 343/906

OTHER PUBLICATIONS

Antop HDTV AT-120 Indoor Antenna, amazon online, date first available Mar. 10, 2016, <URL: <https://www.amazon.com/ANTOP-Multi-directional-Reception-Performance-AT-120/dp/B01CTY6QS4> >, retrieved Oct. 12, 2018.*

Antop Paper Thin AT-103B Indoor HDTV Antenna, online, no post date, <URL: <https://antopusa.com/product/smartpass-amplified-indoor-hdtv-antenna-paper-thin-at-103b/> >, retrieved Oct. 12, 2018.*

* cited by examiner

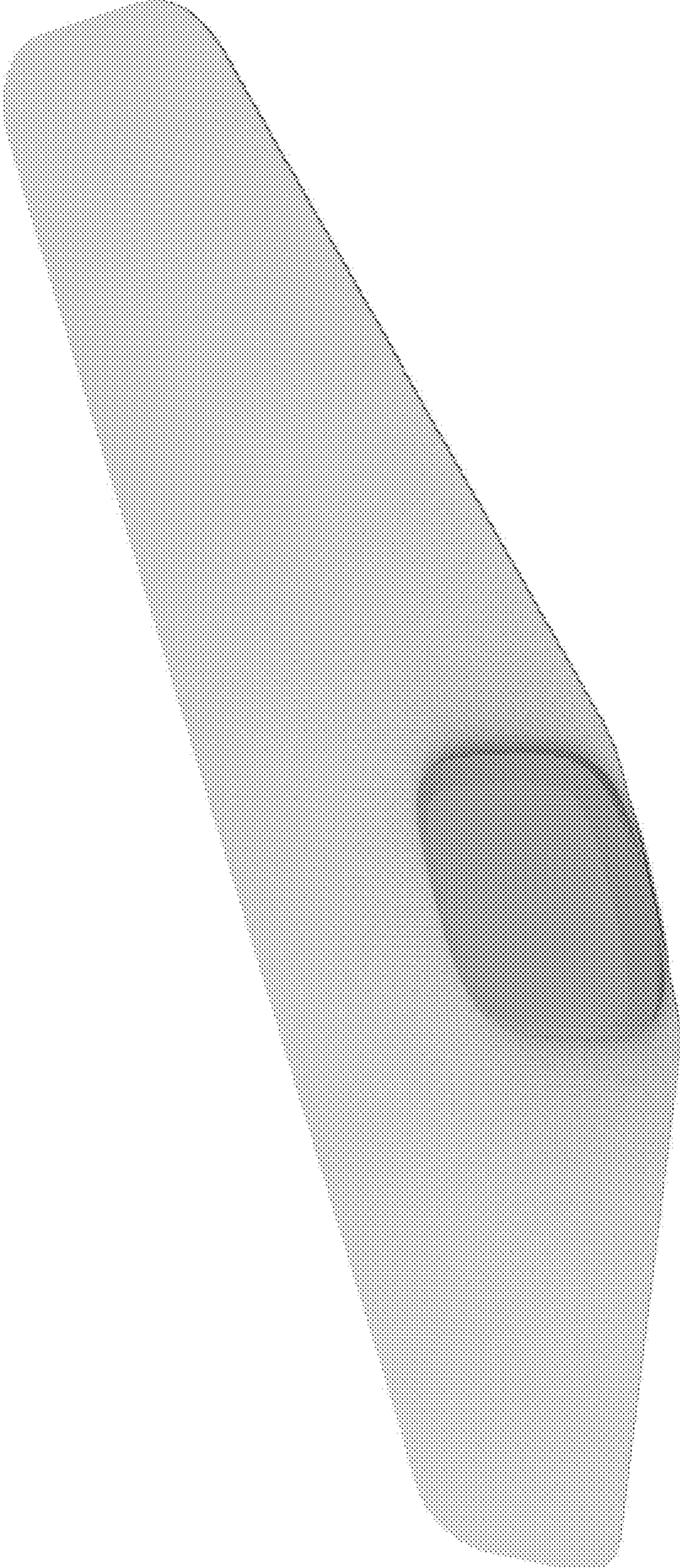


FIG. 1

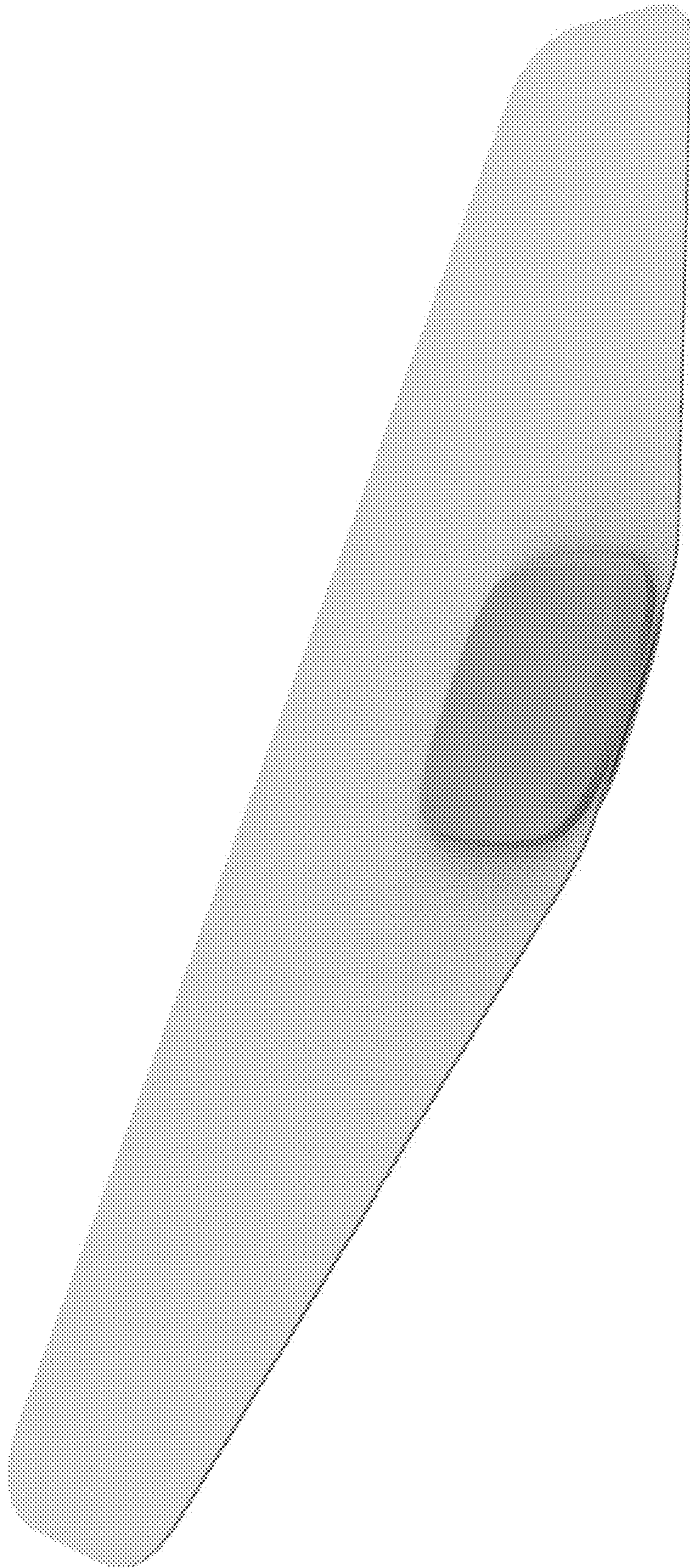


FIG. 2

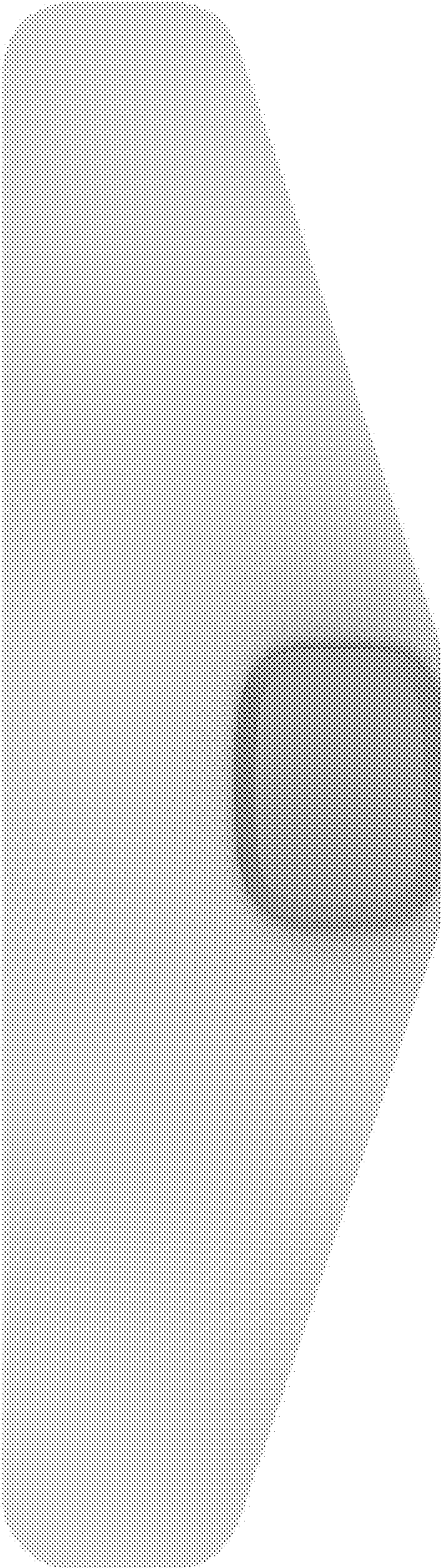


FIG. 3

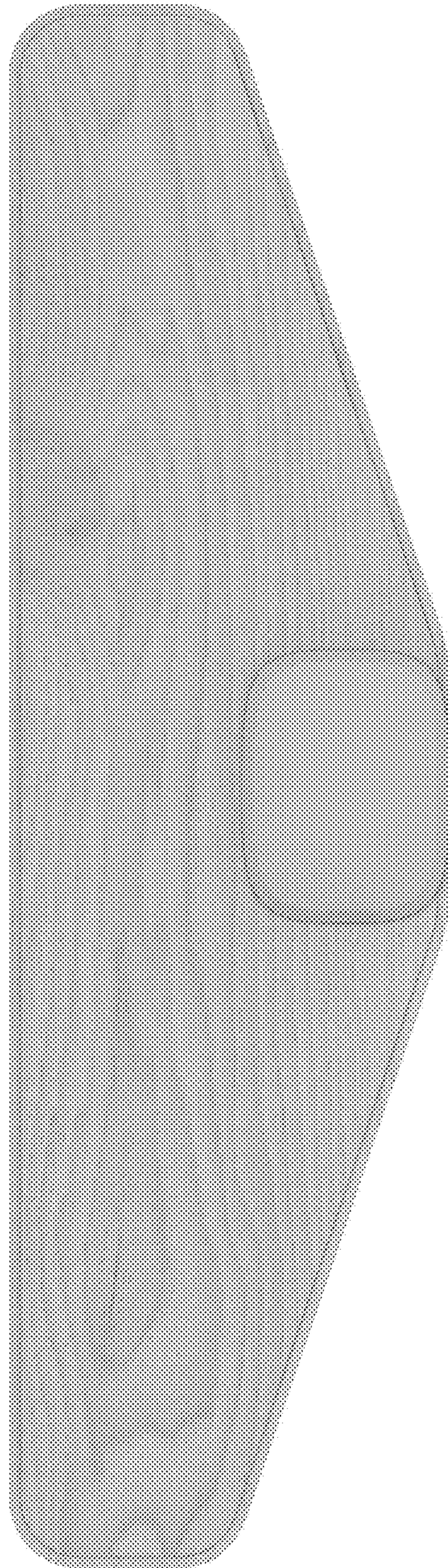


FIG. 4



FIG. 5

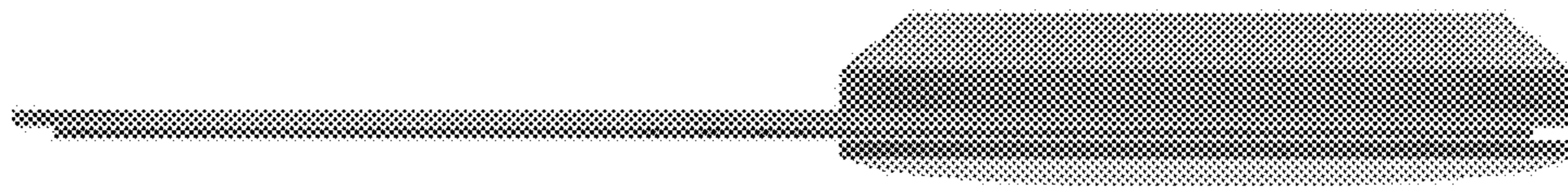


FIG. 6

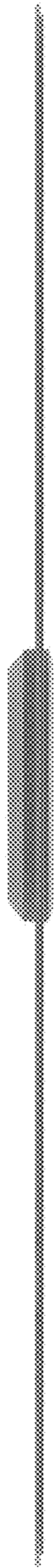


FIG. 7

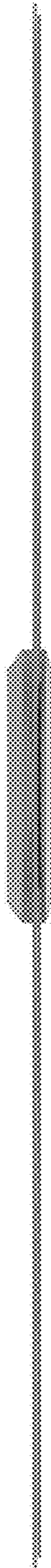


FIG. 8

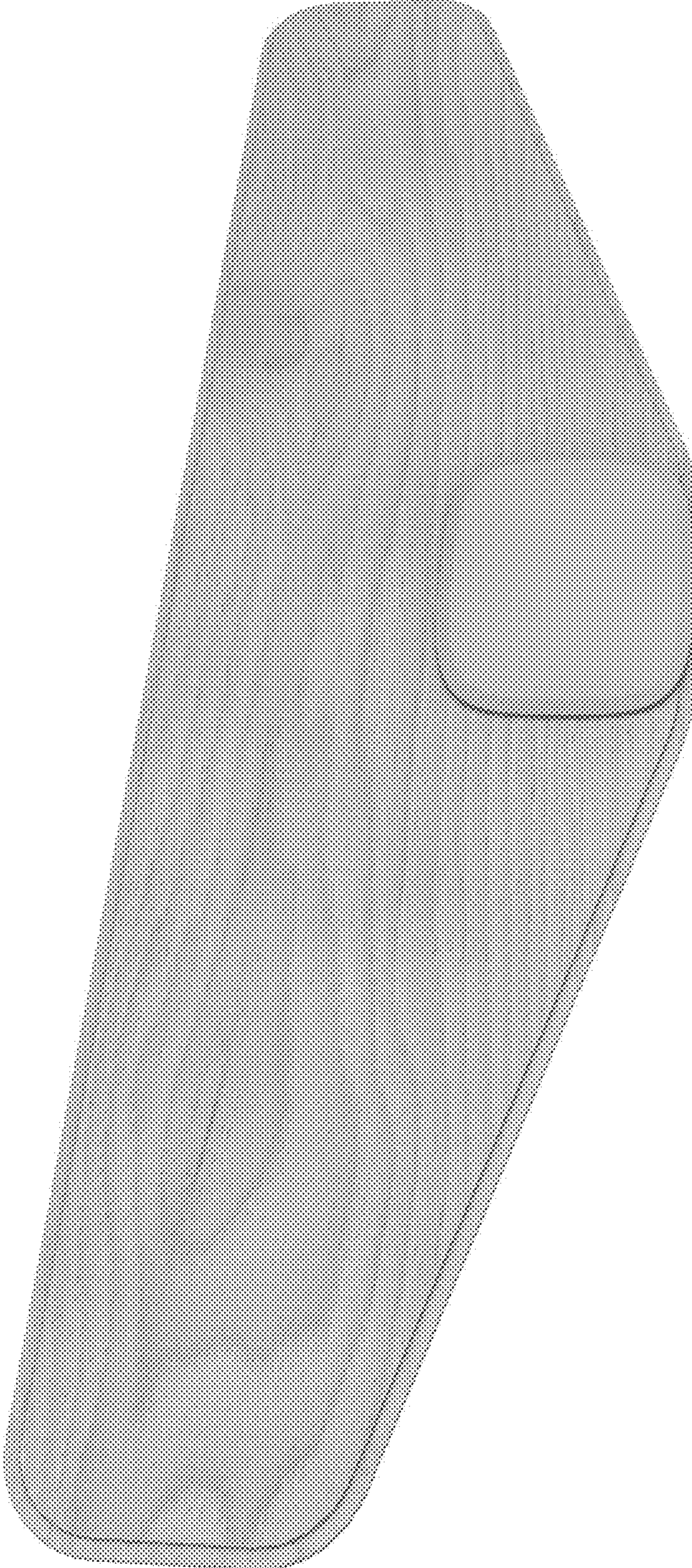


FIG. 9

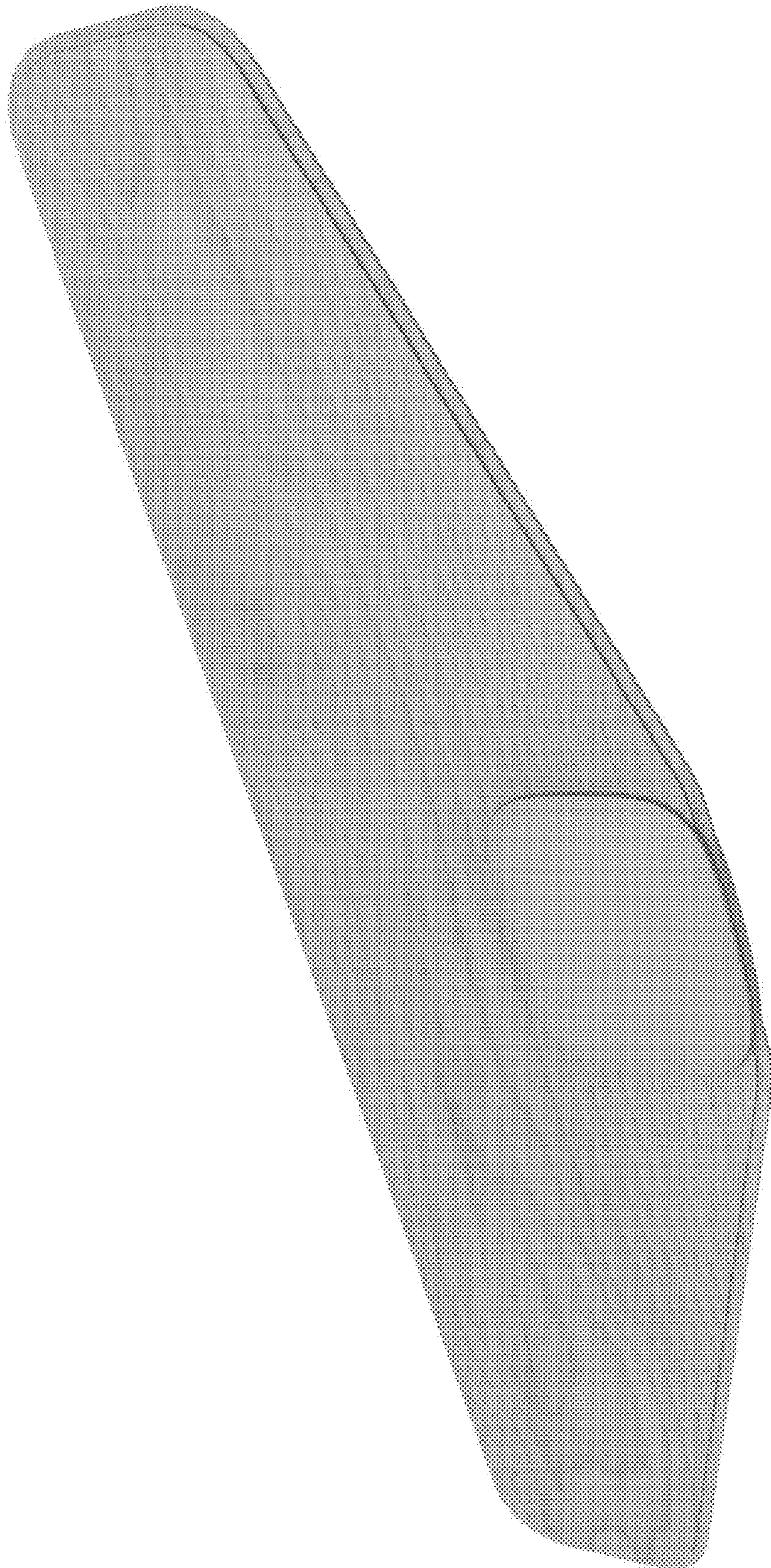


FIG. 10