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(12) **United States Design Patent** (10) **Patent No.:** **US D877,913 S**
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(54) **HEARING AID ANTENNA**

(71) Applicant: **OTICON MEDICAL A/S**, Smørum (DK)
(72) Inventor: **Christian Lockenwitz**, København (DK)
(73) Assignee: **OTICON MEDICAL A/S**, Smørum (DK)
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(51) **LOC (12) Cl.** **24-99**

(52) **U.S. Cl.**
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(58) **Field of Classification Search**
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CPC .. H04R 2225/025; H04R 25/60; H04R 25/63; H04R 25/67; H04R 25/602; H04R 25/604; H04R 25/608; H04R 25/65; H04R 25/652; H04R 2225/51; H01L 33/48; H01L 23/02; H01Q 7/00; H01Q 13/10

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D304,944 S 12/1989 Behringer
D363,935 S 11/1995 McGreevy
D418,142 S 12/1999 Liimatainen et al.
D528,213 S * 9/2006 Darley D24/174
D589,946 S 4/2009 Yamamoto
7,729,774 B1 * 6/2010 Lynch H04R 25/65
607/57
D635,680 S 4/2011 Laperle et al.
8,437,860 B1 * 5/2013 Crawford H04R 25/60
607/1
D698,765 S 2/2014 Bremaud et al.
D750,602 S * 3/2016 Yang D14/230
D807,863 S 1/2018 Ploetz et al.
D813,211 S 3/2018 Carpintero et al.
D855,810 S * 8/2019 Lockenwitz D24/174
D857,670 S * 8/2019 Yang D14/230
2007/0106344 A1 * 5/2007 Darley H04R 25/60
607/55
2016/0241973 A1 8/2016 Murray et al.
2018/0014132 A1 * 1/2018 Karlsen H04R 25/65

(Continued)

Primary Examiner — Anhdao Doan

(74) *Attorney, Agent, or Firm* — Birch, Stewart, Kolasch & Birch, LLP

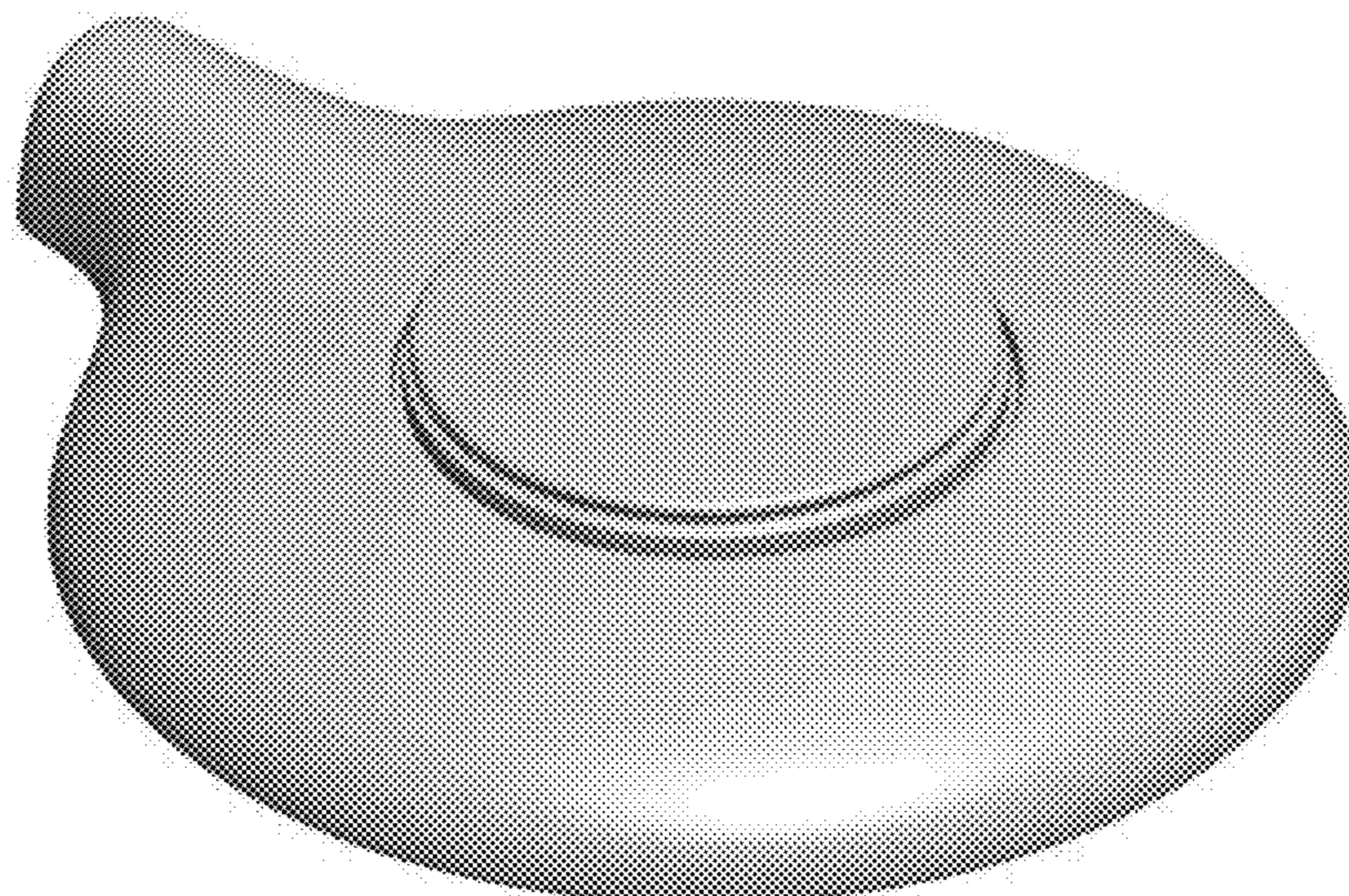
(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a perspective view of the hearing aid antenna; FIG. 2 is a left side view of the hearing aid antenna; FIG. 3 is a bottom view of the hearing aid antenna; FIG. 4 is a right side view of the hearing aid antenna; FIG. 5 is a rear view of the hearing aid antenna; FIG. 6 is a front view of the hearing aid antenna; and, FIG. 7 is a top view of the hearing aid antenna.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

2018/0221673 A1* 8/2018 Kuang A61N 1/37229
2018/0343525 A1* 11/2018 Karlsen H04R 25/65

* cited by examiner



Fig. 1

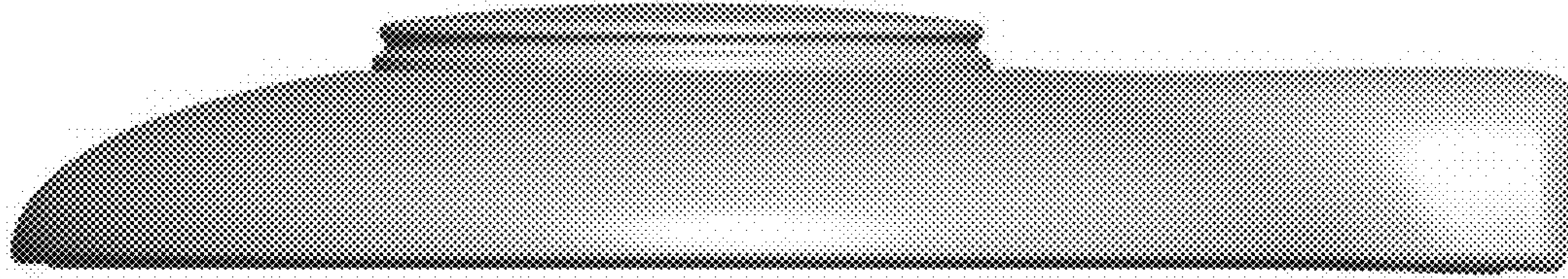


Fig. 2

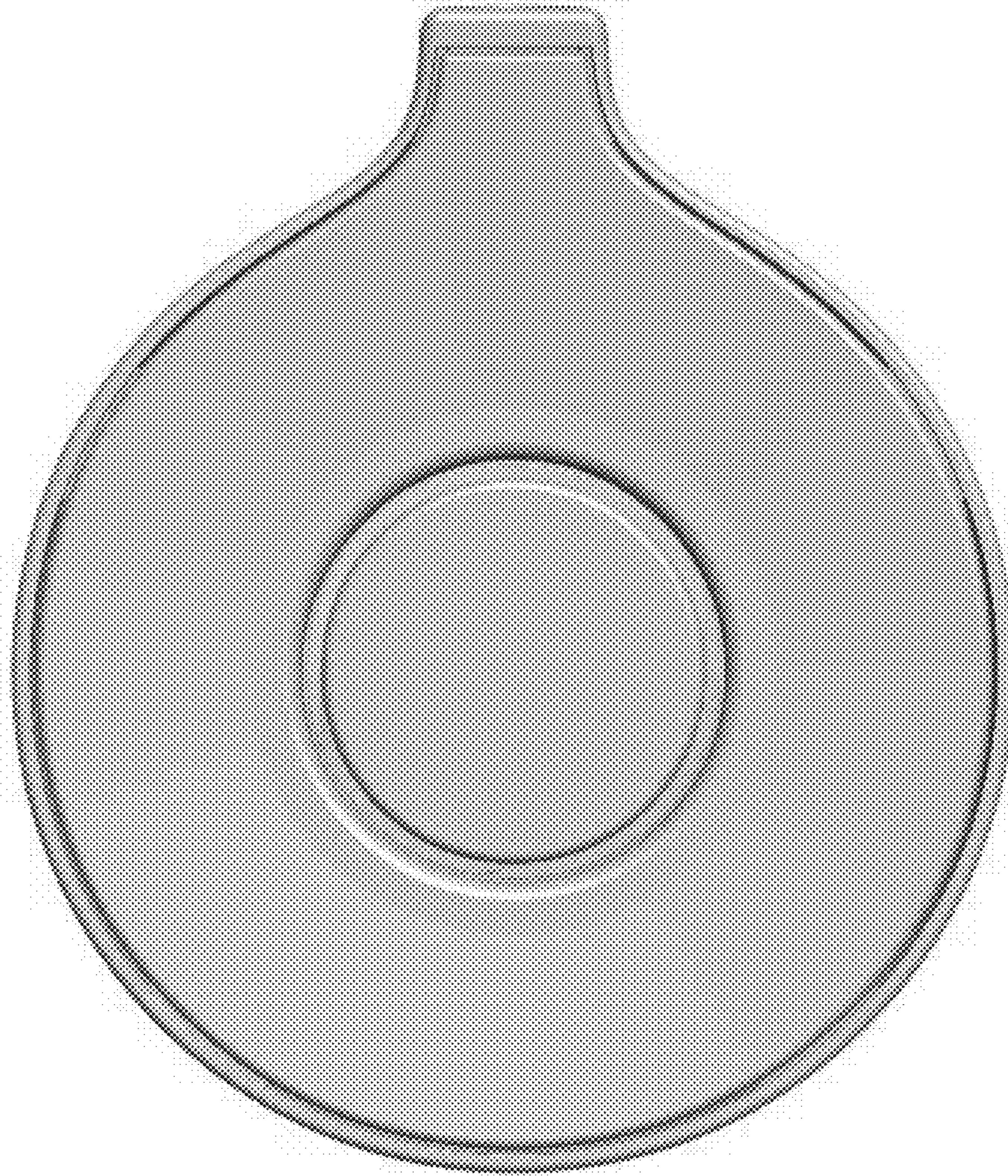


Fig. 3

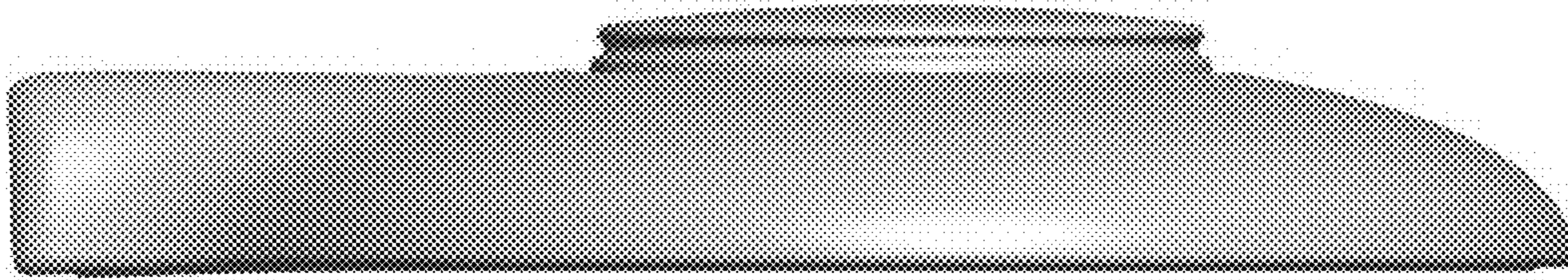


Fig. 4

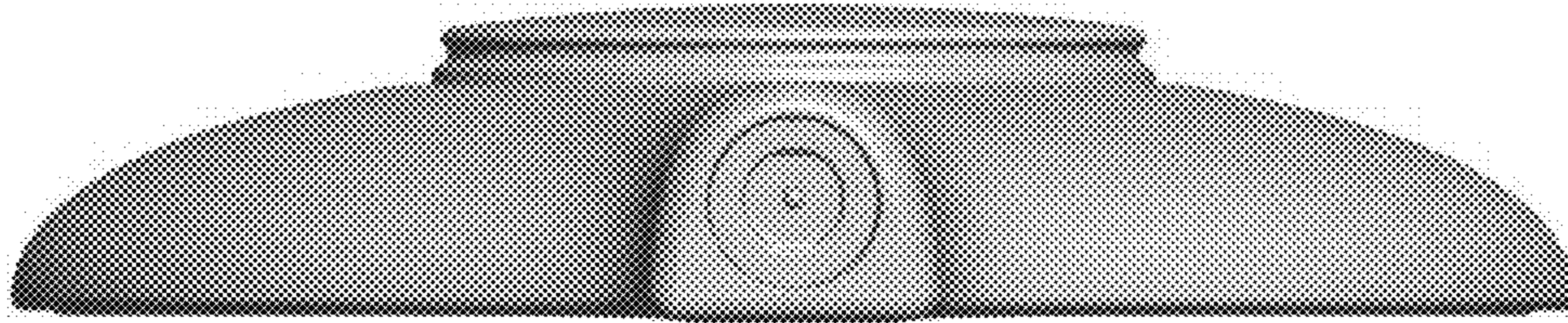


Fig. 5

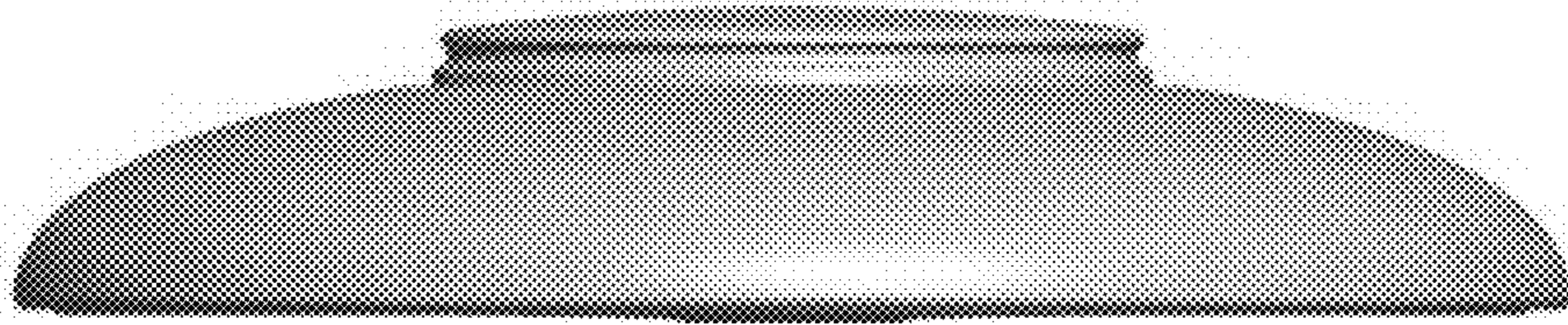


Fig. 6



Fig. 7