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United States Patent [19]

Thomas

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[54] **KNIFE SHARPENER**

D. 368,217 3/1996 Friel D8/93

[75] Inventor: **Dieter Thomas**, Solingen, Germany

OTHER PUBLICATIONS

Twinsharp knife sharpener by J.A. Henckels package.

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Attorney, Agent, or Firm—Hill & Simpson

[**] Term: **14 Years**

[57] CLAIM

[21] Appl. No.: **80,289**

The ornamental design for a knife sharpener, as shown and described.

[22] Filed: **Nov. 14, 1997**

[51] **LOC (6) Cl.** **08-05**

DESCRIPTION

[52] **U.S. Cl.** **D8/93; D8/91**

FIG. 1 is a perspective view of the knife sharpener in accordance with the present invention; FIG. 2 is a side view of the knife sharpener of FIG. 1 with the opposite side being a mirror image; FIG. 3 is a top plan view of the knife sharpener of FIG. 2; FIG. 4 is an end view of the left end of the knife sharpener of FIG. 2; and, FIG. 5 is an end view of the right end of the knife sharpener of FIG. 2.

[58] **Field of Search** D8/90, 91, 92, D8/93, 94; 76/82, 86, 88; 451/262, 267, 293, 540, 548, 549, 552, 555, 557, 558

[56] References Cited

U.S. PATENT DOCUMENTS

- D. 299,308 1/1989 Prindle D8/93
- D. 315,663 3/1991 Dolbosco D8/93
- D. 323,450 1/1992 Shimizu D8/93
- D. 357,395 4/1995 Friel D8/93

1 Claim, 3 Drawing Sheets



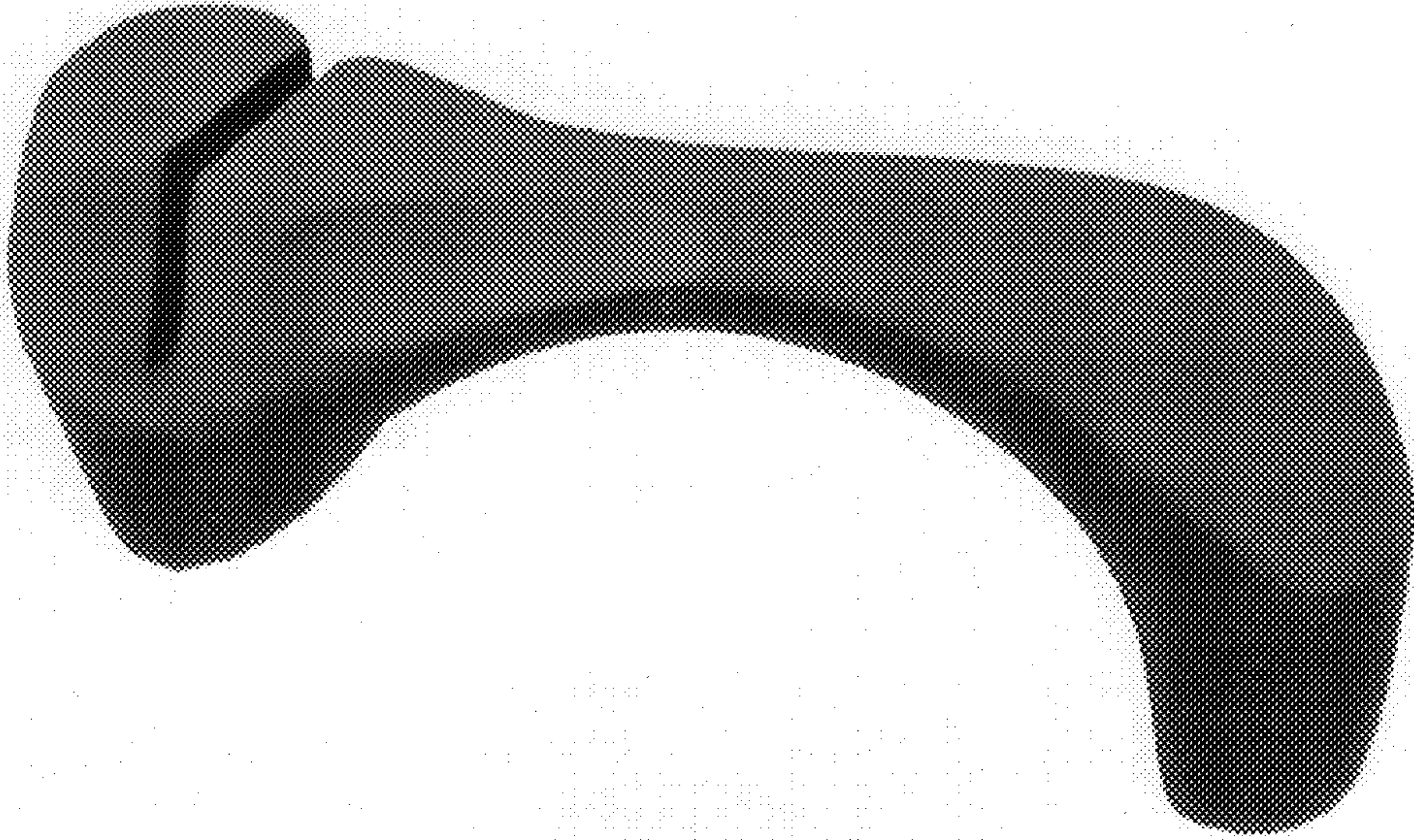


FIG. 1

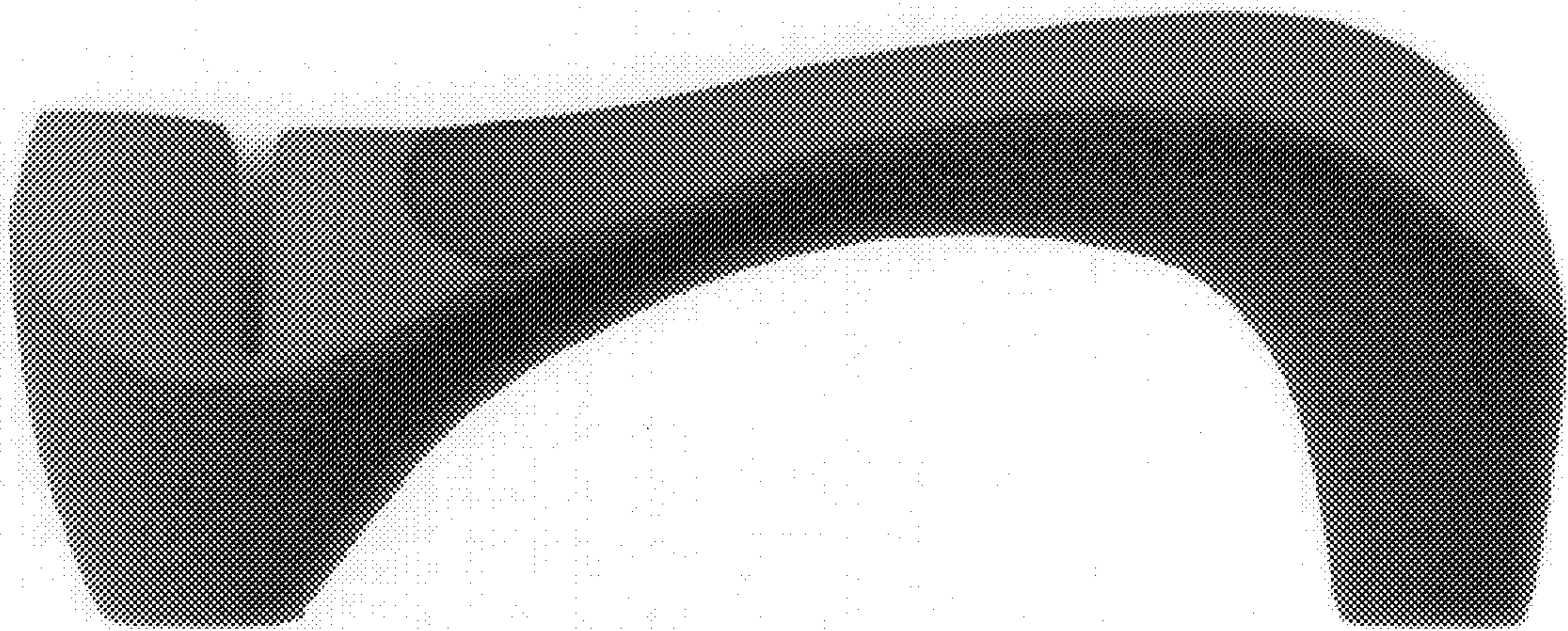


FIG. 2

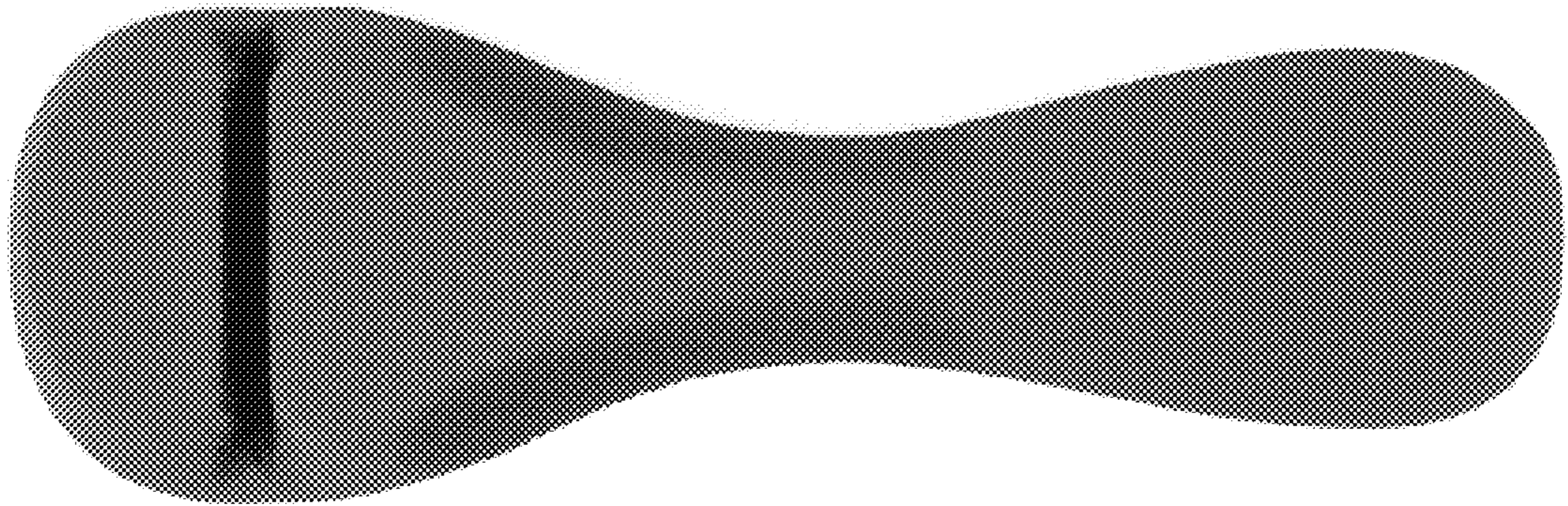


FIG. 3

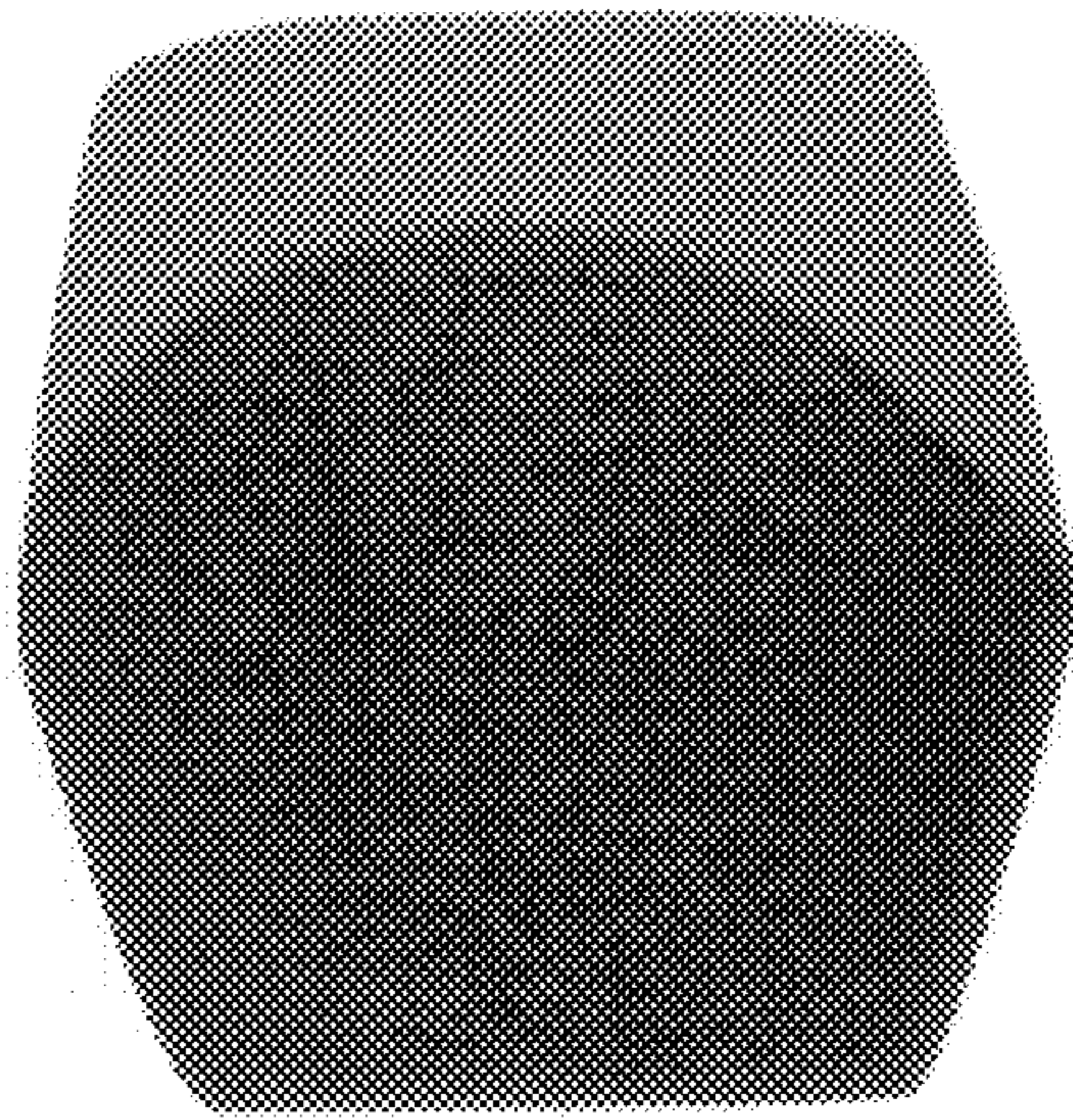


FIG. 4

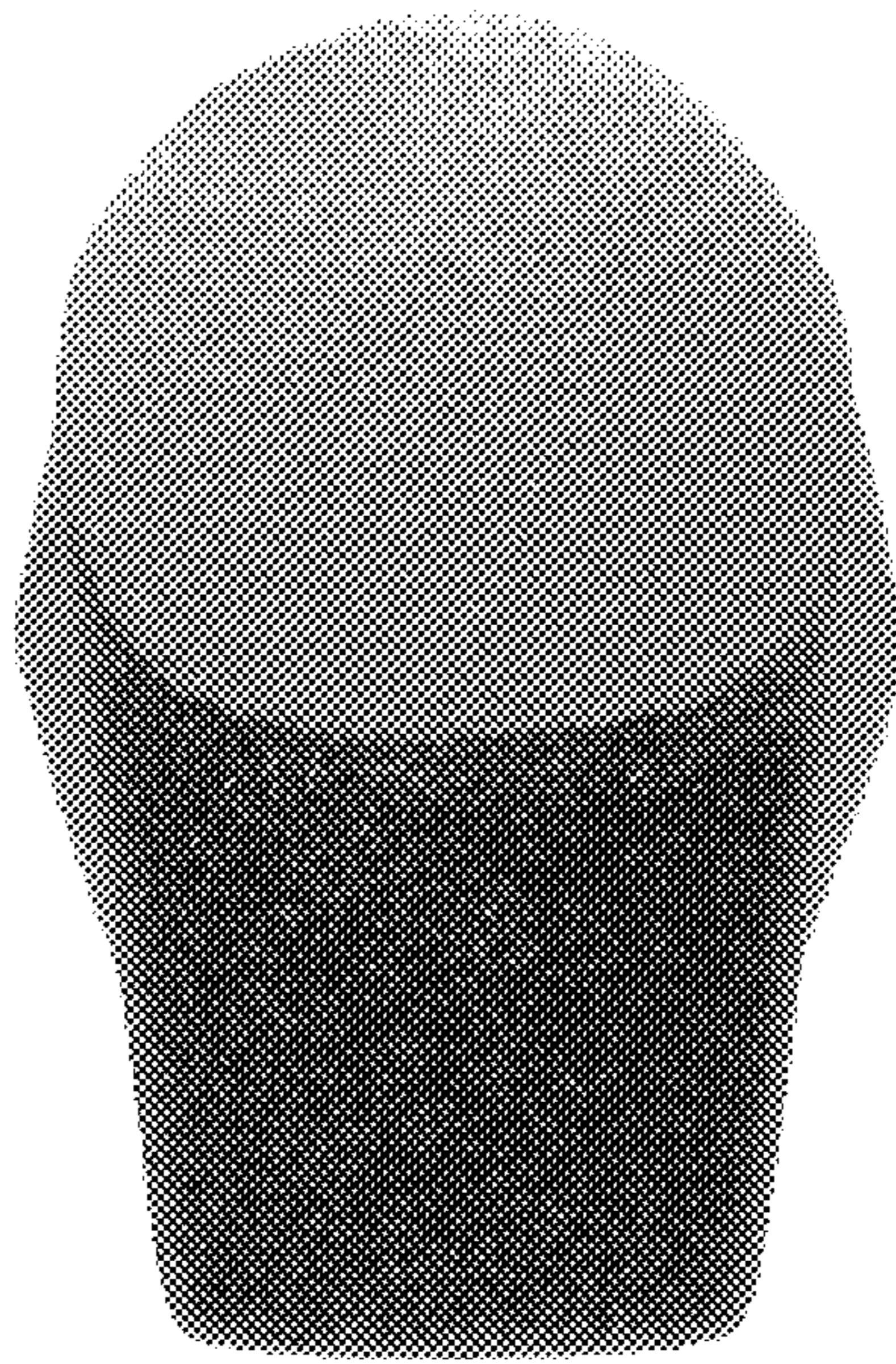


FIG. 5