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

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(54) **ARTIFICIAL TOOTH**

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(30) **Foreign Application Priority Data**

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(51) **LOC (9) Cl.** **24-03**

(52) **U.S. Cl.** **D24/156**

(58) **Field of Classification Search** D24/155,
D24/156, 107, 181; 433/173, 176, 212.1,
433/202.1

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

| | | | | | |
|--------------|------|---------|------------------|-------|-----------|
| 943,113 | A * | 12/1909 | Greenfield | ..... | 433/173 |
| D114,512 | S * | 4/1939 | Settell | ..... | D24/181 |
| 2,585,857 | A * | 2/1952 | Schwartz | ..... | 433/206 |
| 2,874,832 | A * | 2/1959 | Gordon | ..... | D24/156 |
| 3,247,844 | A * | 4/1966 | Berghash | ..... | D24/176 |
| 3,423,831 | A * | 1/1969 | Semmelman | ..... | 433/212.1 |
| 4,481,162 | A * | 11/1984 | Huffman | ..... | 264/334 |
| 4,523,912 | A * | 6/1985 | Breustedt et al. | ..... | 433/202.1 |
| 4,872,840 | A * | 10/1989 | Bori | ..... | 433/173 |
| 4,969,817 | A * | 11/1990 | Hiranuma et al. | ..... | 433/202.1 |
| 5,906,489 | A * | 5/1999 | Khazzam et al. | ..... | 433/176 |
| 5,951,289 | A | 9/1999 | Kura et al. | | |
| 6,488,503 | B1 * | 12/2002 | Lichkus et al. | ..... | 433/202.1 |
| 2003/0031981 | A1 * | 2/2003 | Holt | ..... | 433/173 |

FOREIGN PATENT DOCUMENTS

| | | |
|----|------------|---------|
| JP | D 777064 | 12/1989 |
| JP | D 777064-1 | 4/1990 |

| | | | |
|----|-------------|---|---------|
| JP | 8-112294 | A | 5/1996 |
| JP | 10-504985 | A | 5/1998 |
| JP | 11-290347 | A | 10/1999 |
| JP | 2002-177301 | A | 6/2002 |
| JP | 2003-102752 | A | 4/2003 |
| JP | D 1197057 | | 2/2004 |
| JP | D 1197058 | | 2/2004 |
| JP | D 1197530 | | 2/2004 |
| JP | D 1202523 | | 4/2004 |
| JP | D 1202524 | | 4/2004 |
| JP | D 1203086 | | 4/2004 |
| JP | D 1203087 | | 4/2004 |

(Continued)

OTHER PUBLICATIONS

S.S. White Dental Mfg. Co. Crown and Bridge Works Catalog, 1899, p. 108. Hollingsworth crown and bridge work system Set Nos. 1 and 2.*

(Continued)

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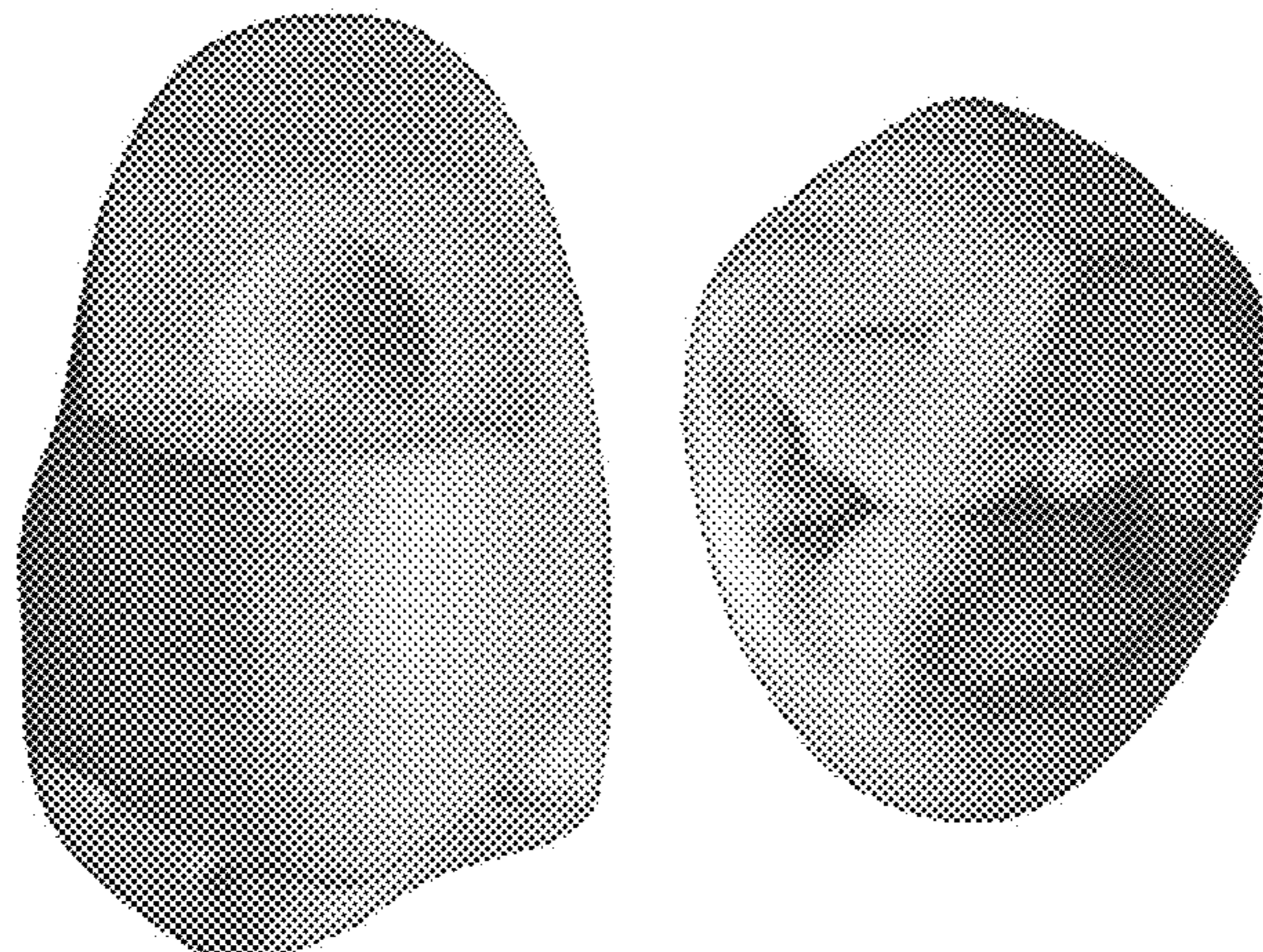
(57) **CLAIM**

The ornamental design for an artificial tooth, as shown.

DESCRIPTION

FIG. 1 is a perspective view of an artificial tooth showing our new design;
FIG. 2 is a front elevational view thereof;
FIG. 3 is a rear elevational view thereof;
FIG. 4 is a top plan view thereof;
FIG. 5 is a bottom plan view thereof;
FIG. 6 is a right side elevational view thereof; and,
FIG. 7 is a left side elevational view thereof.

1 Claim, 7 Drawing Sheets



FOREIGN PATENT DOCUMENTS

| | | |
|----|----------------|--------|
| JP | D 1203088 | 4/2004 |
| JP | D 1203089 | 4/2004 |
| JP | D 1203090 | 4/2004 |
| JP | D 1203091 | 4/2004 |
| JP | 3747251 B2 | 2/2006 |
| WO | WO 96-07365 A1 | 3/1996 |

OTHER PUBLICATIONS

S.S. White Dental Mfg. Co Catalog, 1890, p. 84. (Figs. 2 and 3 showing an artificial tooth with dimple and mounting pin.*

White, S.S. Dental Mfg. Co., Operative Instruments and Accessories. Catalog "F", 1907, p. 76, Fig. 8 showing artificial teeth with dimple area for mounting pin.*

S.S. White's Dental Catalog, 1876, pp. 22 and 23, Figs. 4 through 7, illustrations of artificial teeth from the side profile.*

Yeti Dental Flier, 1994/95, p. 30 showing images of artificial molars at the bottom of the page.*

Oxford University of Natural History/The Learning Zone. Upper and Lower teeth. Copyright 2006. (Internet image available at www.oum.ox.ac.uk).*

* cited by examiner

Fig. 1

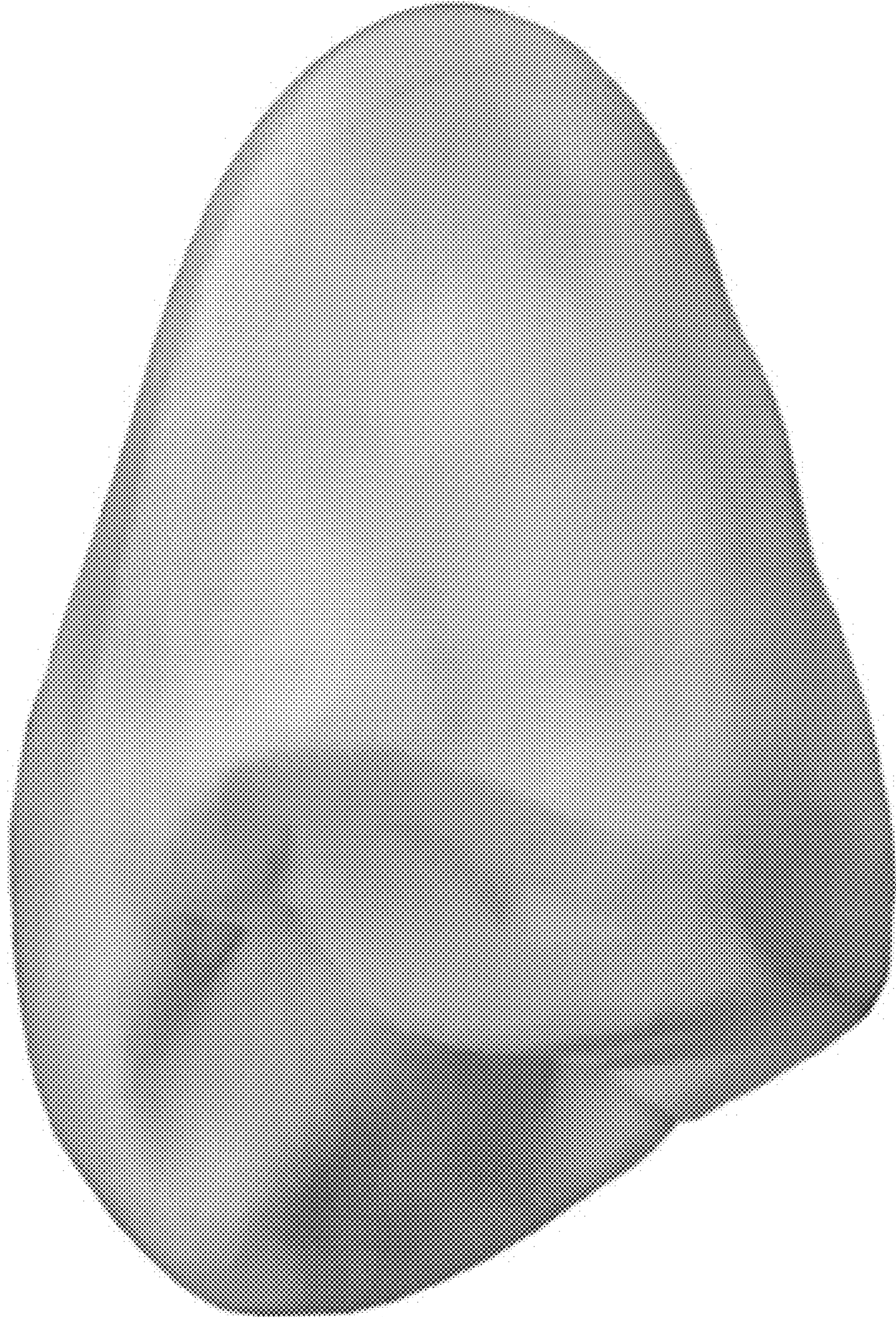


Fig. 2

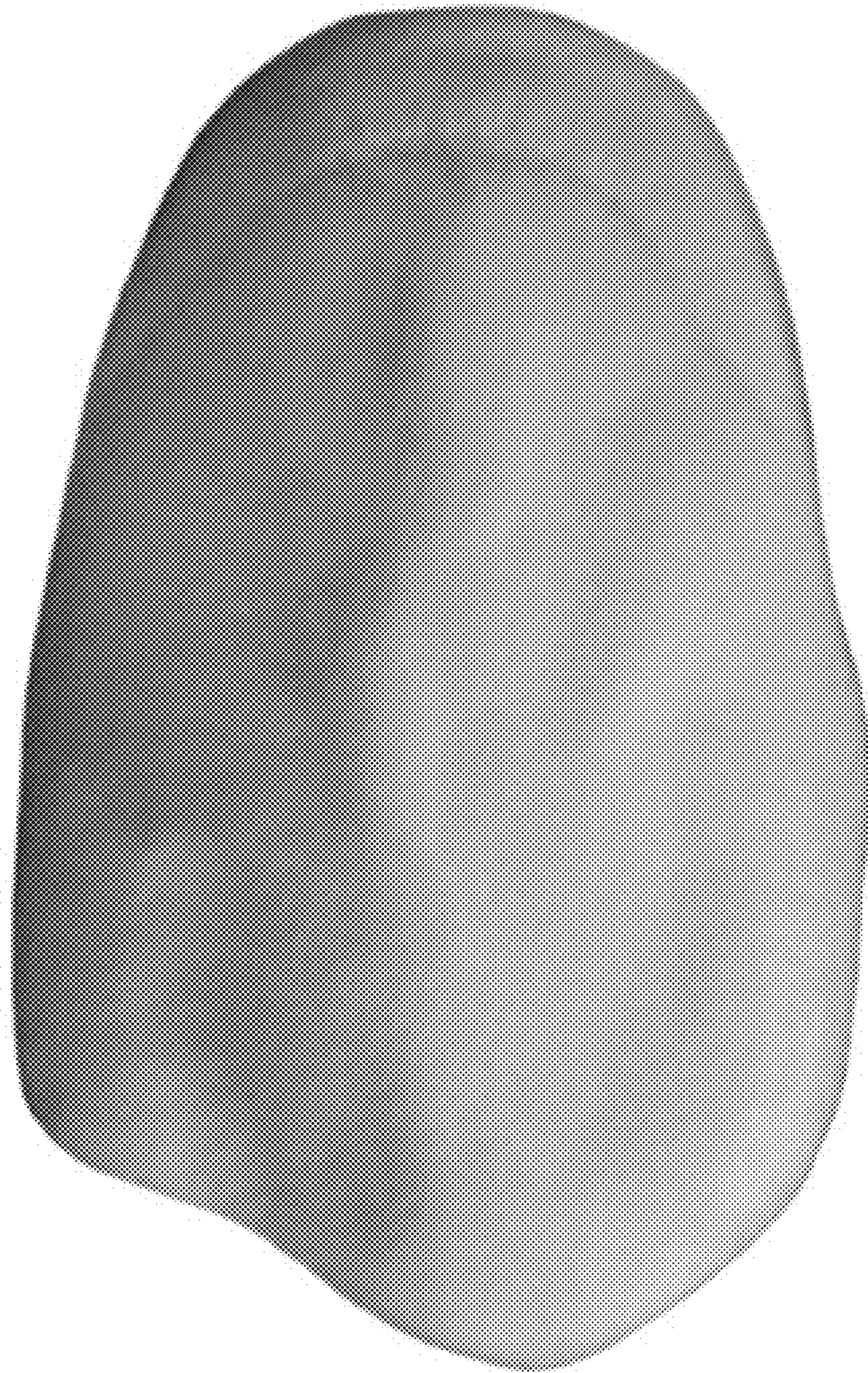


Fig. 3

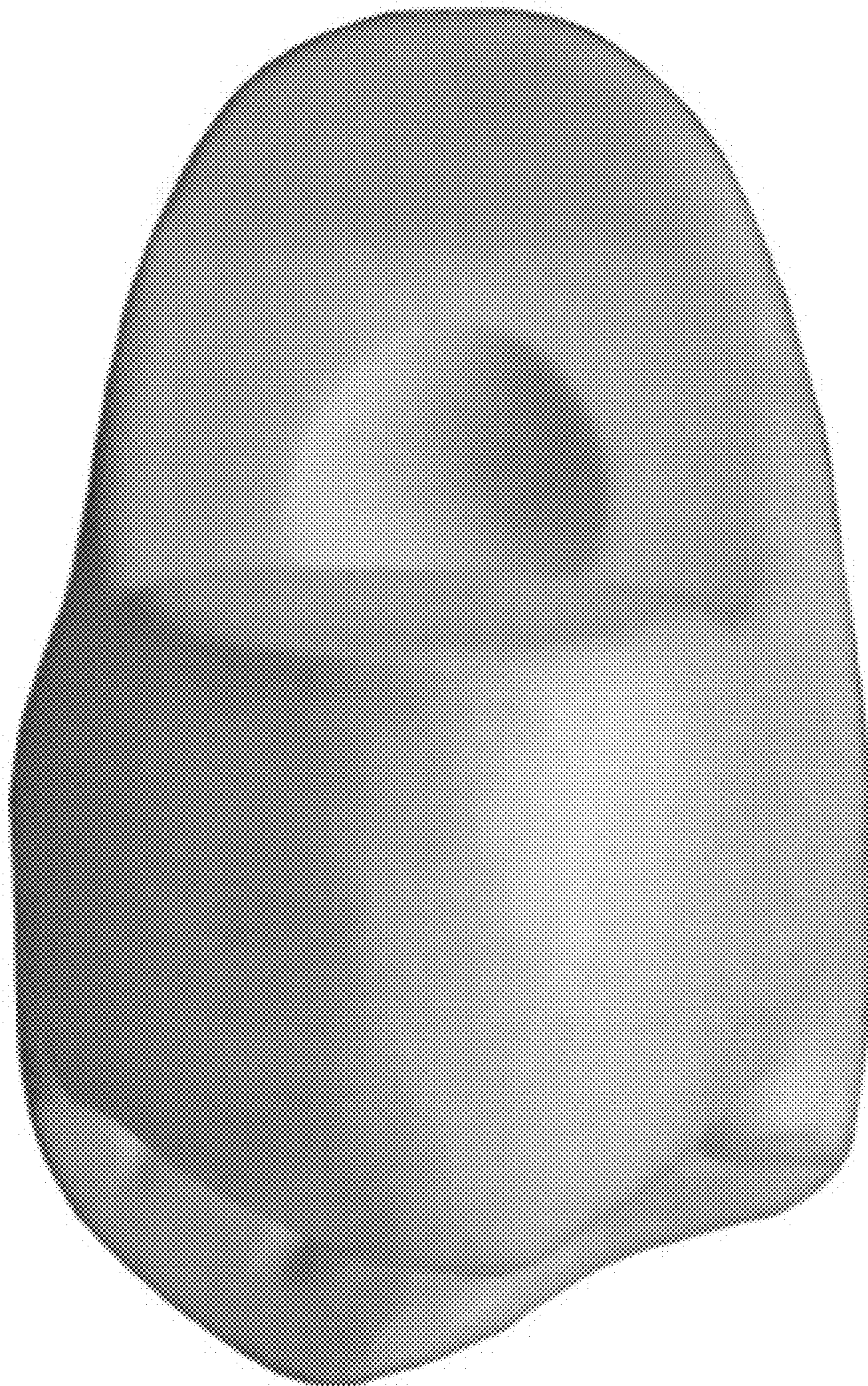


Fig. 4

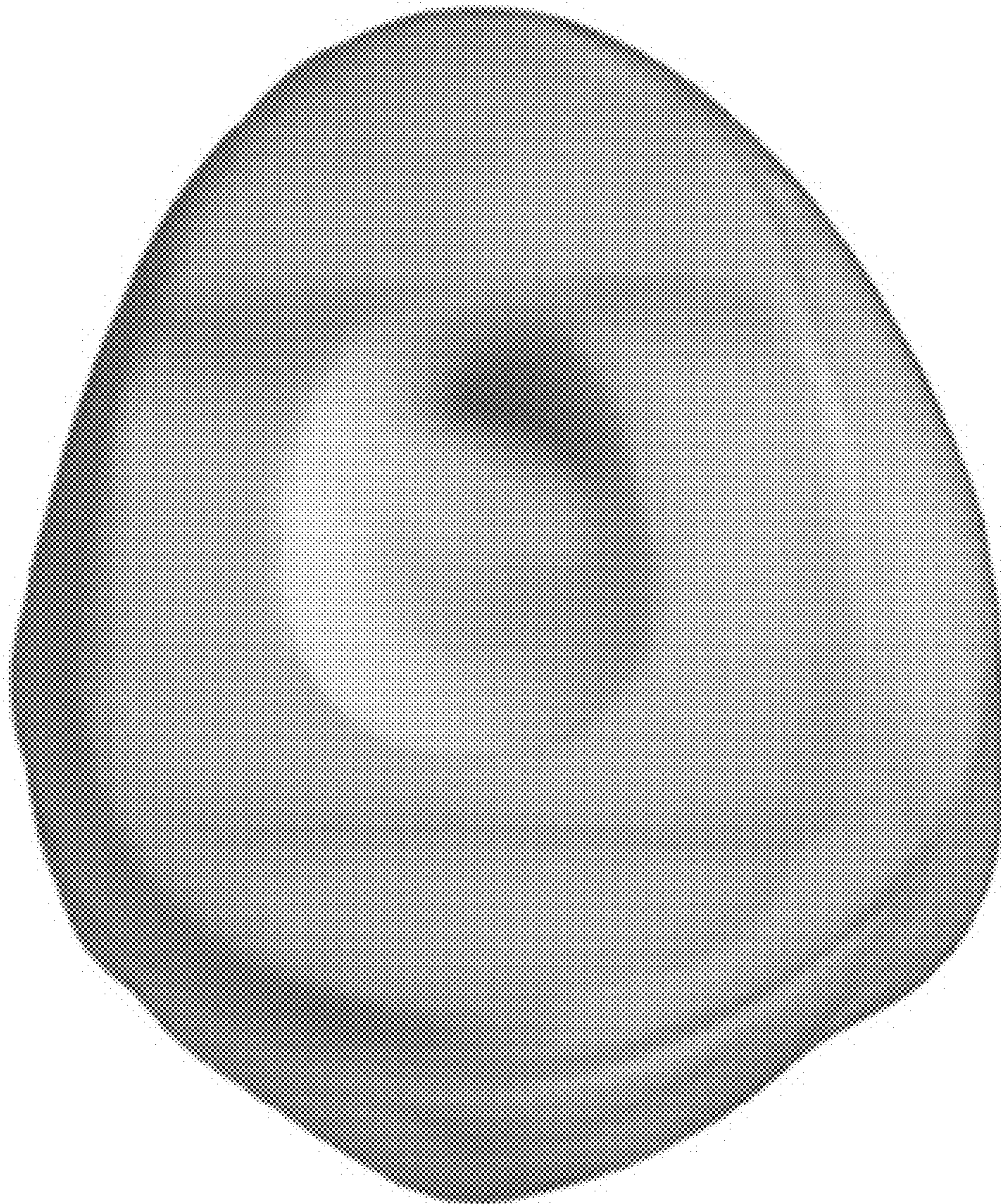


Fig. 5

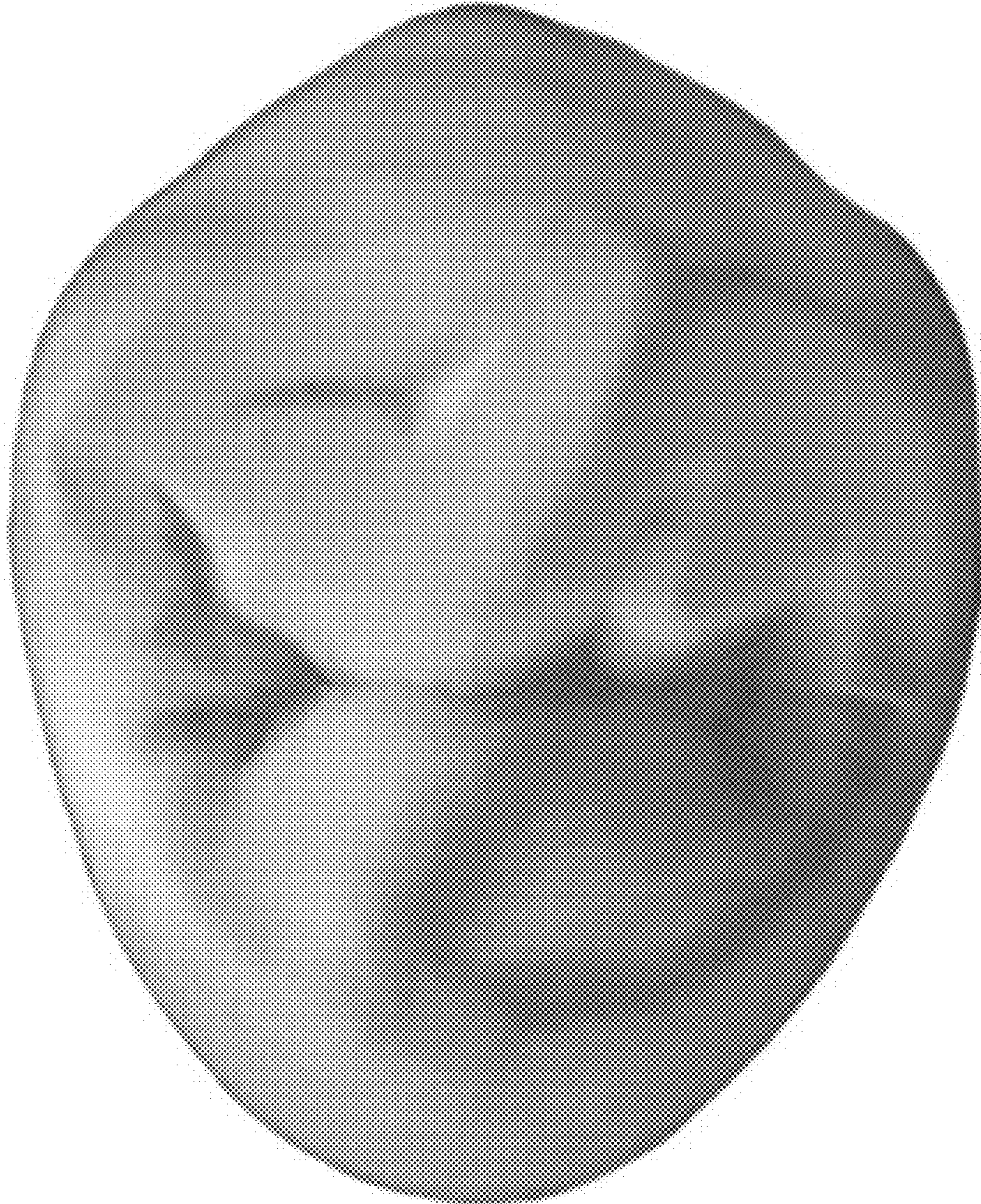


Fig. 6

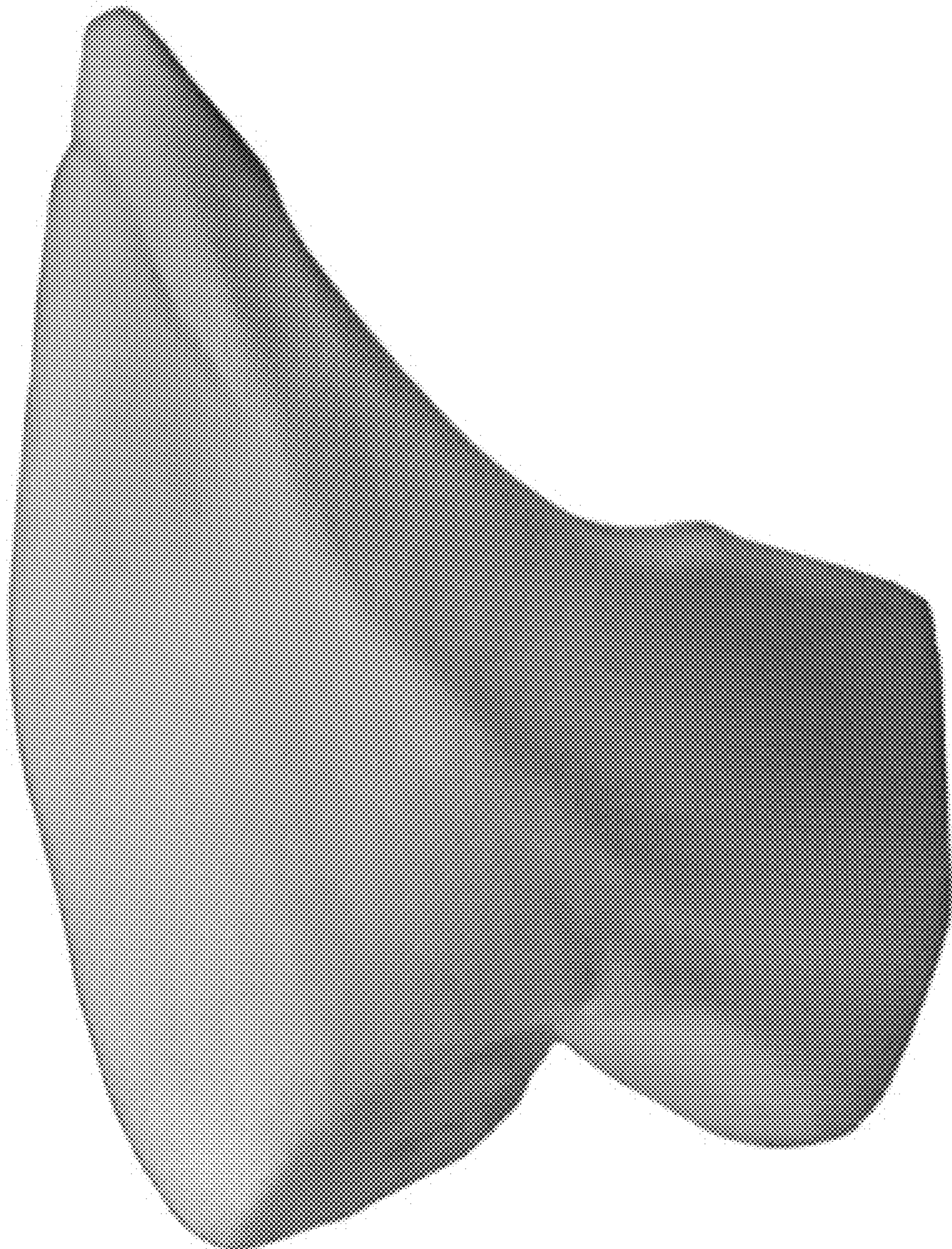


Fig. 7

