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

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(54) **WIRELESS EARPHONE**

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(\*\*) Term: **15 Years**

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(51) **LOC (12) Cl.** ..... **14-01**

(52) **U.S. Cl.**

USPC ..... **D14/223**; D14/205

(58) **Field of Classification Search**

USPC ..... D14/223, 205, 206; D24/174; 128/864,  
128/865, 866; 181/129, 130, 135;  
379/430, 431; 381/380, 381, 322-324,  
381/330; 455/90.3, 575, 1, 569.1

CPC ..... H04R 1/10; H04R 25/00; H04R 1/1016;  
H04R 1/1066; H04R 5/033; H04R  
5/0335; H04R 1/1091; H04R 1/1058;  
H04R 1/105; H04R 1/1083

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D687,021 S \* 7/2013 Yuen ..... D14/223  
D735,169 S \* 7/2015 Shieh ..... D14/223

D773,439 S \* 12/2016 Walker ..... D14/205  
D808,934 S \* 1/2018 Tang ..... D14/223  
10,104,487 B2 \* 10/2018 Kingscott ..... H04R 29/001  
D845,932 S \* 4/2019 Lu ..... D14/223  
D847,126 S \* 4/2019 Loermann ..... D14/223  
10,455,313 B2 \* 10/2019 Boesen ..... H04R 1/1041  
10,460,095 B2 \* 10/2019 Boesen ..... H04R 1/1041  
D868,752 S \* 12/2019 Zhu ..... D14/223  
10,582,328 B2 \* 3/2020 Milevski ..... H04R 1/1016  
10,587,943 B2 \* 3/2020 Boesen ..... H04R 1/1025  
10,598,506 B2 \* 3/2020 Ilse ..... G01C 21/3629

\* cited by examiner

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(57) **CLAIM**

The ornamental design for a wireless earphone, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a wireless earphone showing my present design;

FIG. 2 is a front view thereof;

FIG. 3 is a rear view thereof;

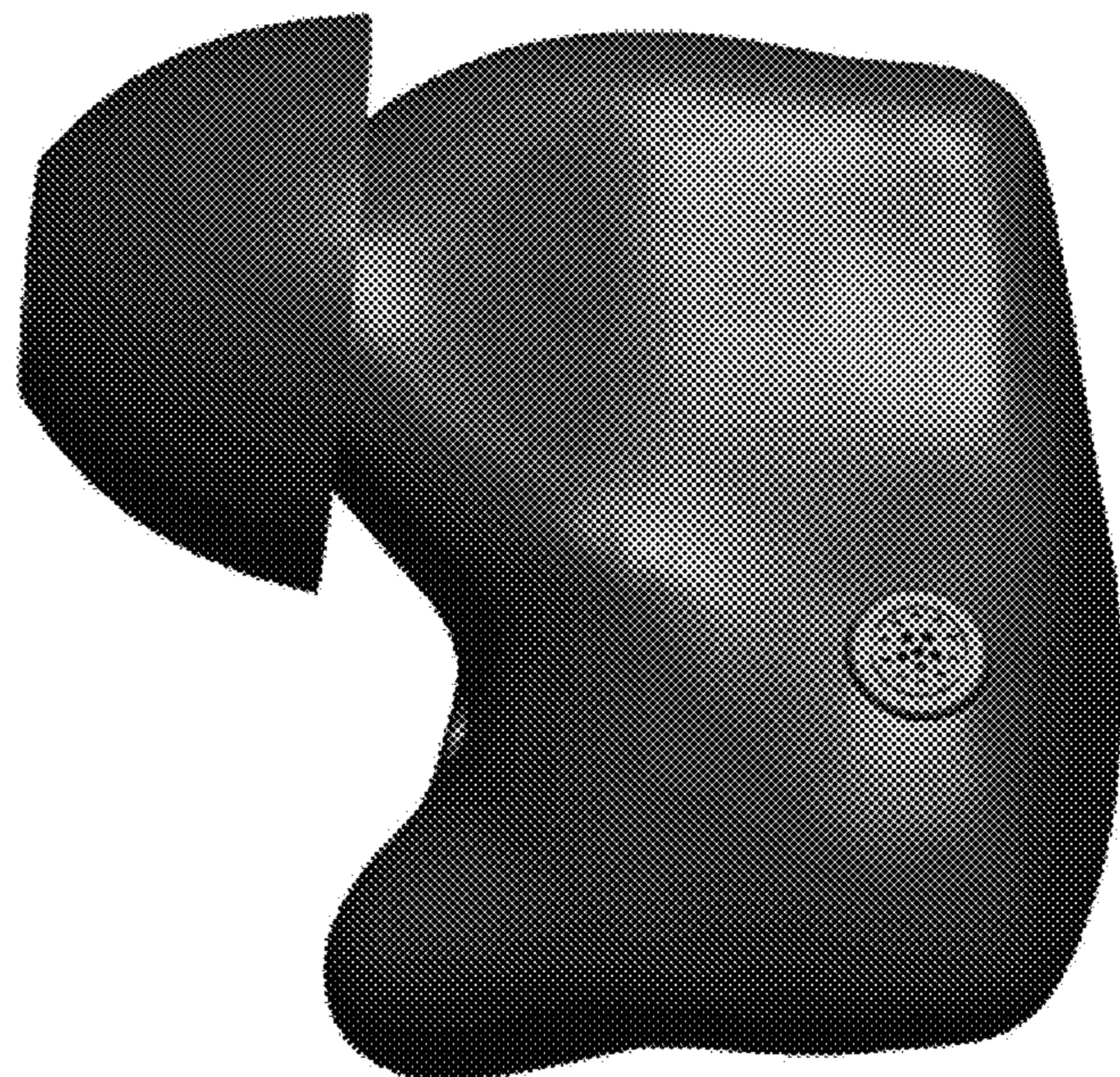
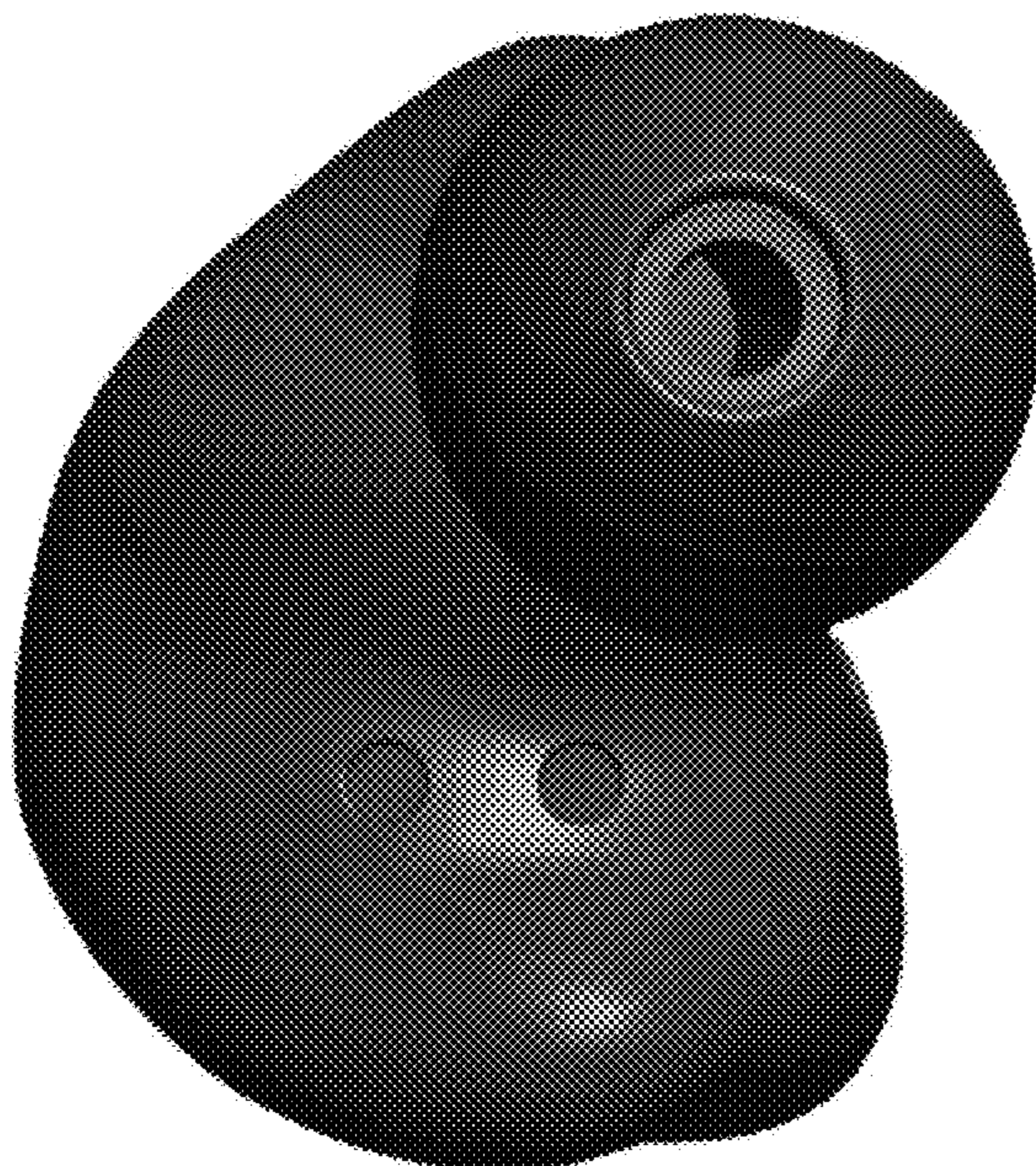
FIG. 4 is a left side view thereof;

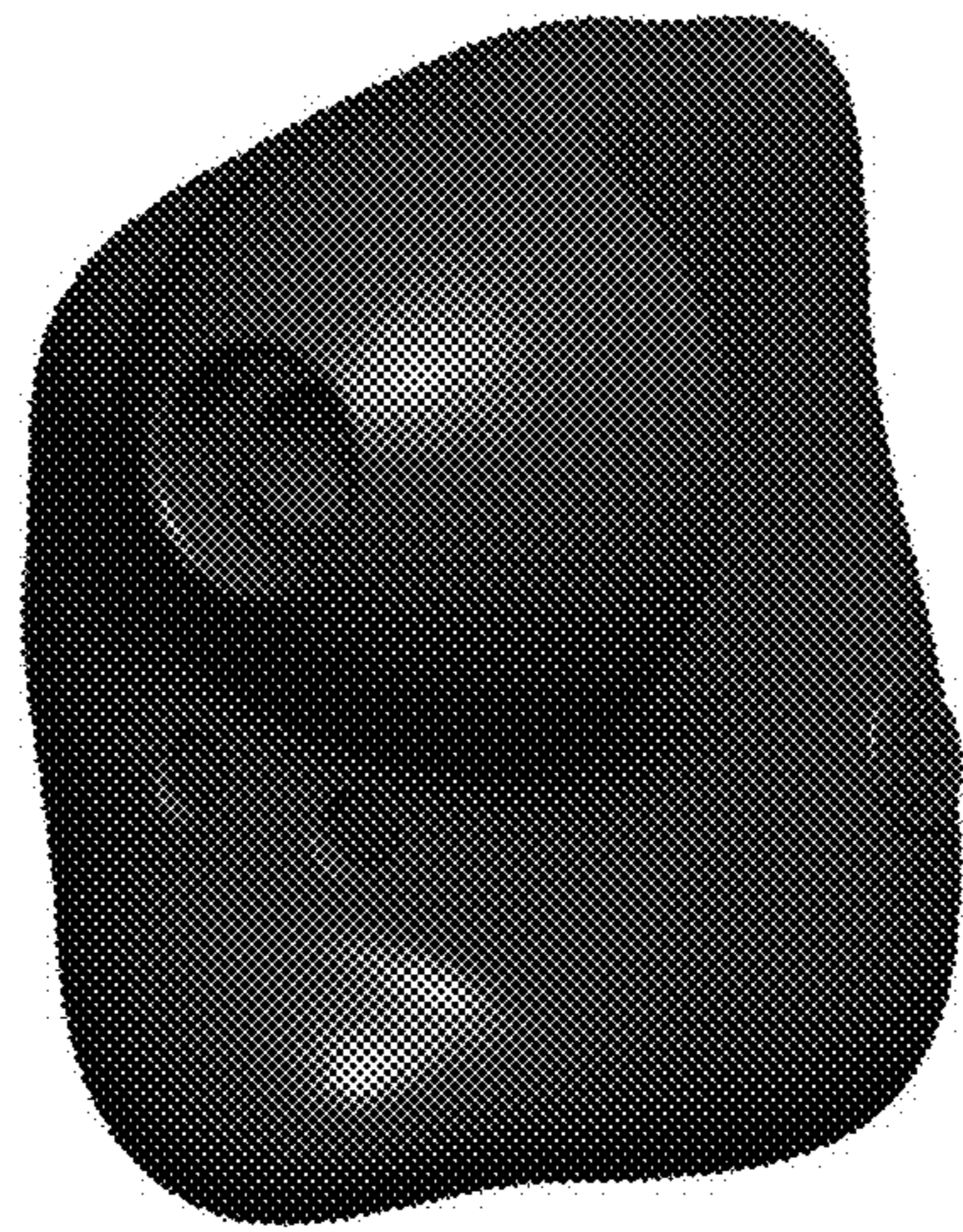
FIG. 5 is a right side view thereof;

FIG. 6 is a top view thereof; and,

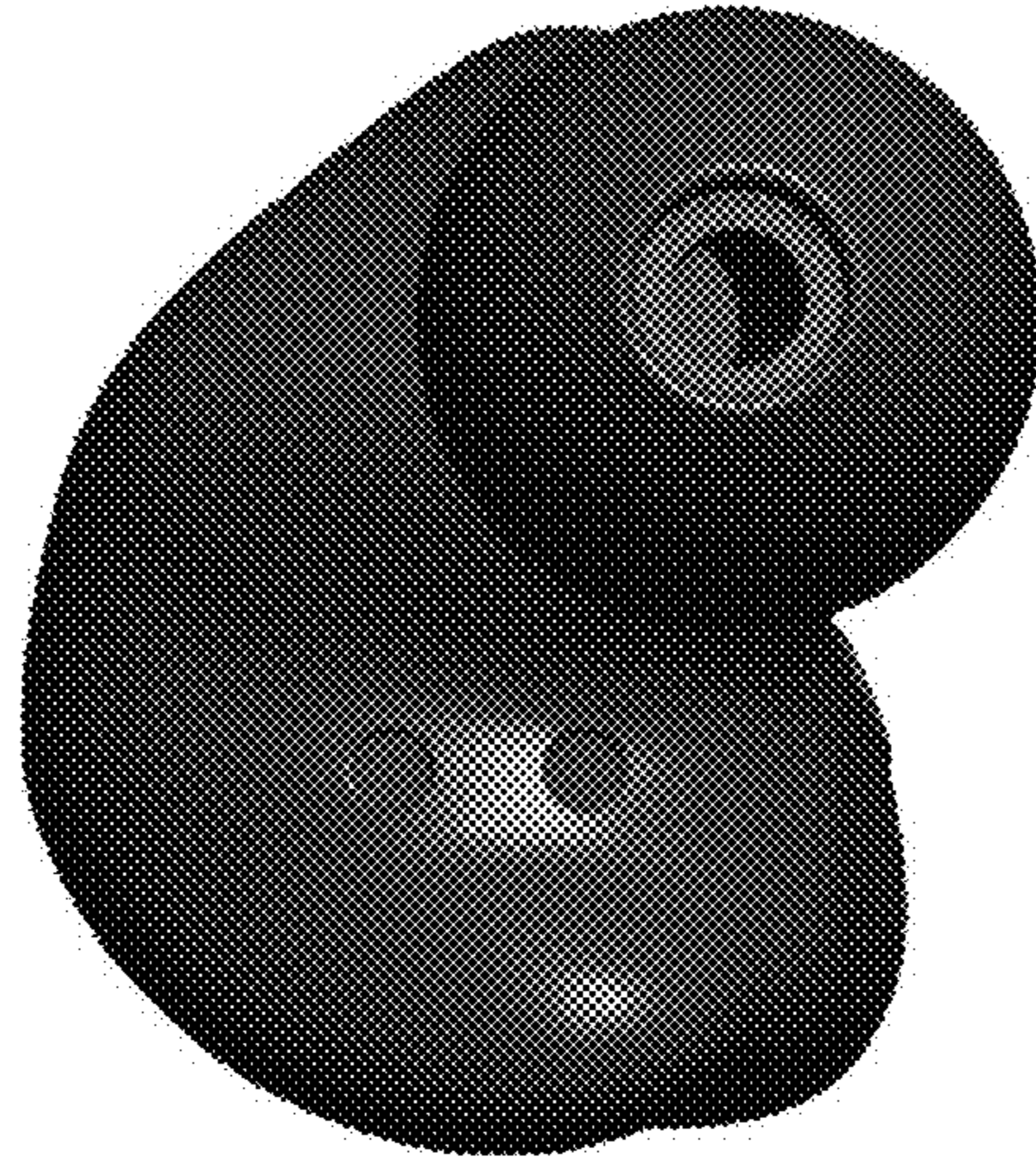
FIG. 7 is a bottom view thereof.

**1 Claim, 4 Drawing Sheets**

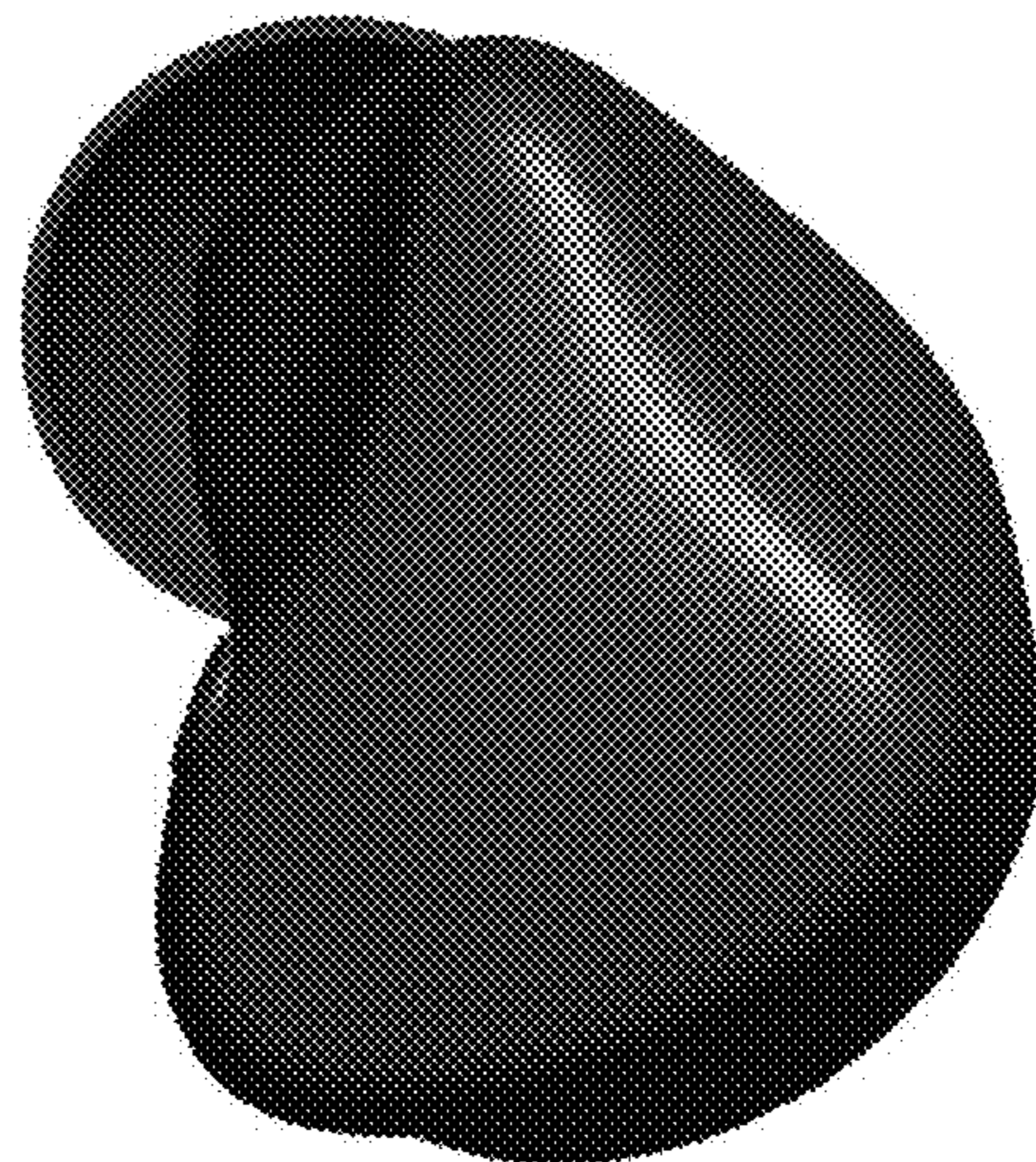




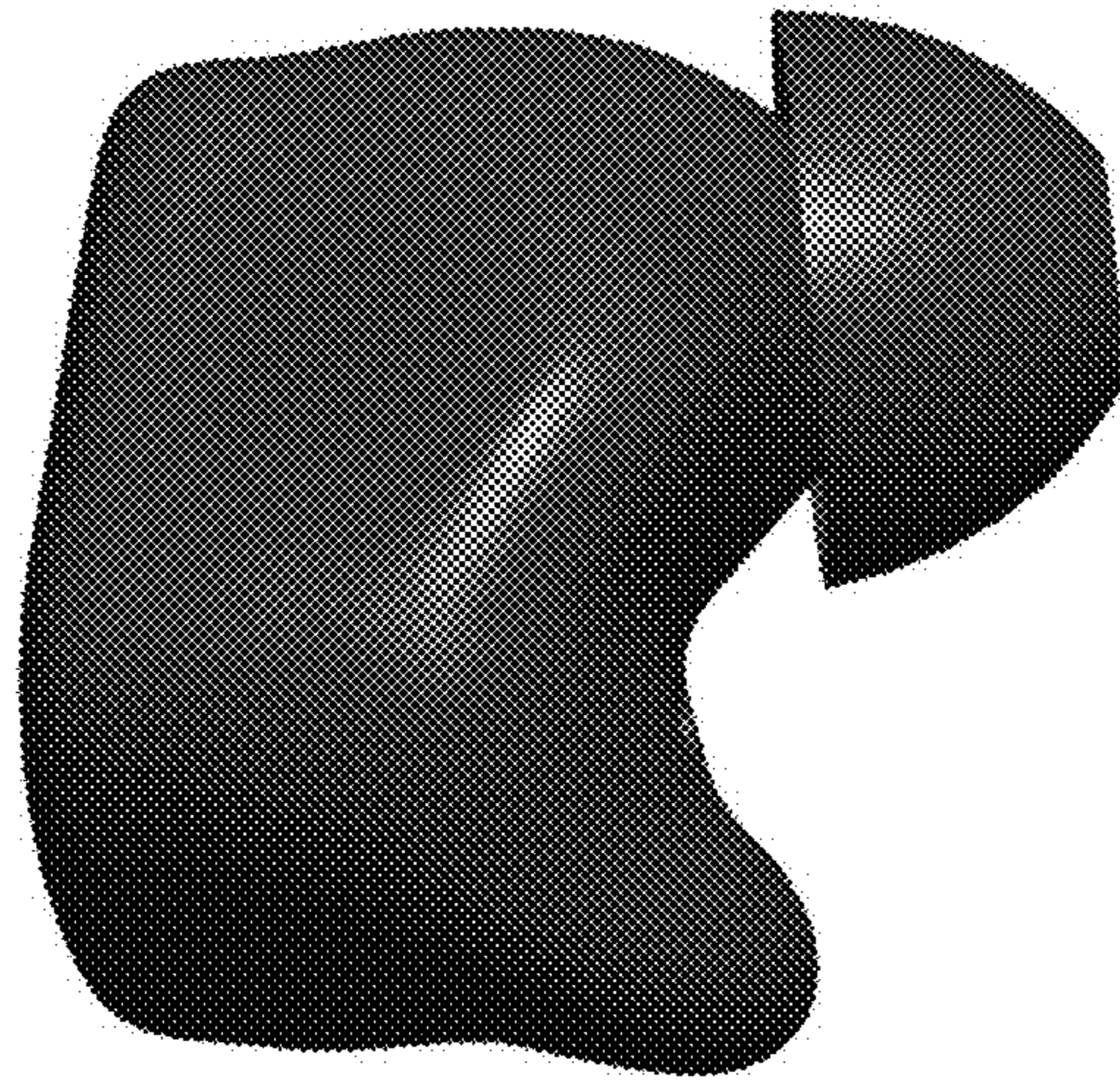
**FIG. 1**



**FIG. 2**



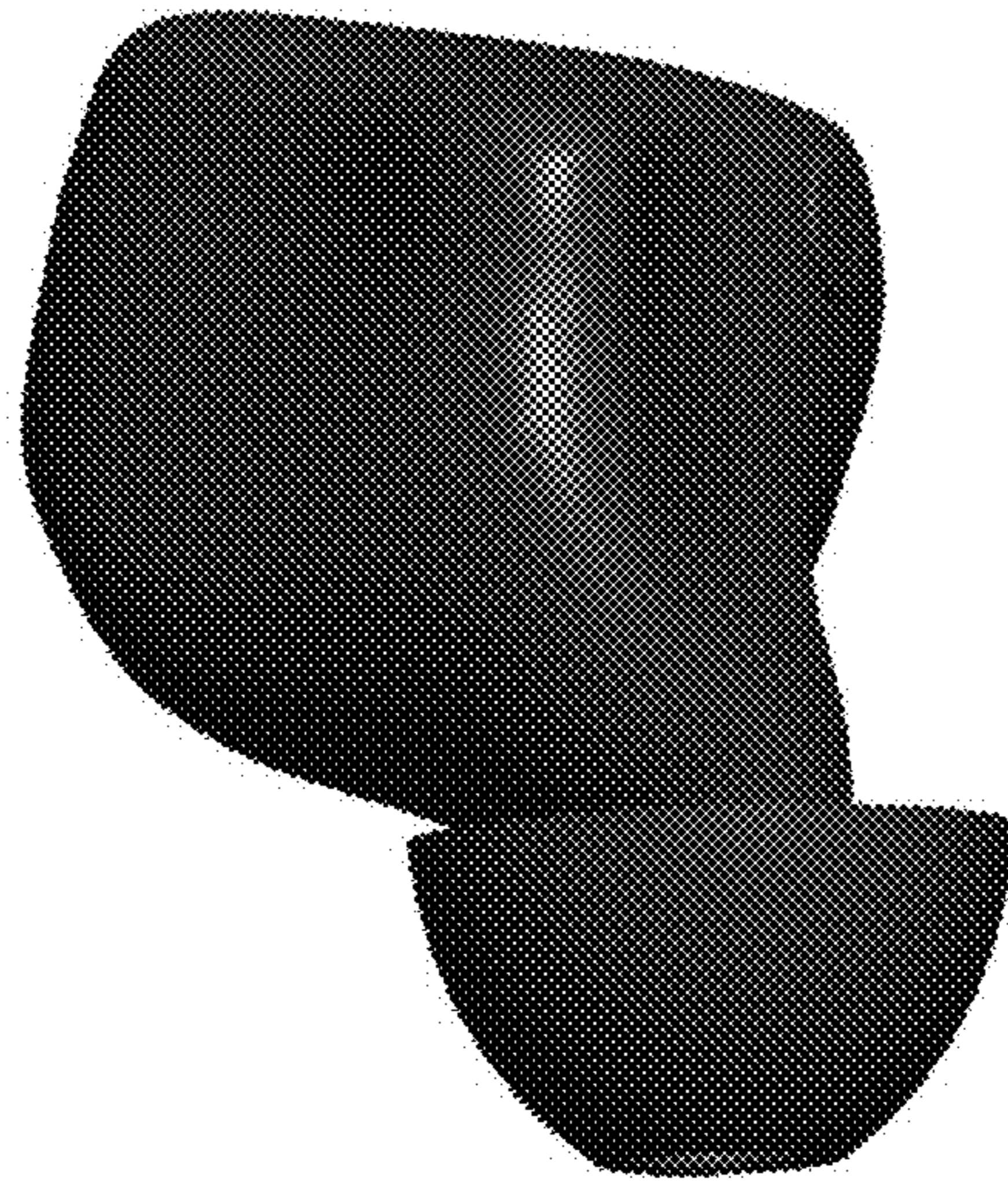
**FIG. 3**



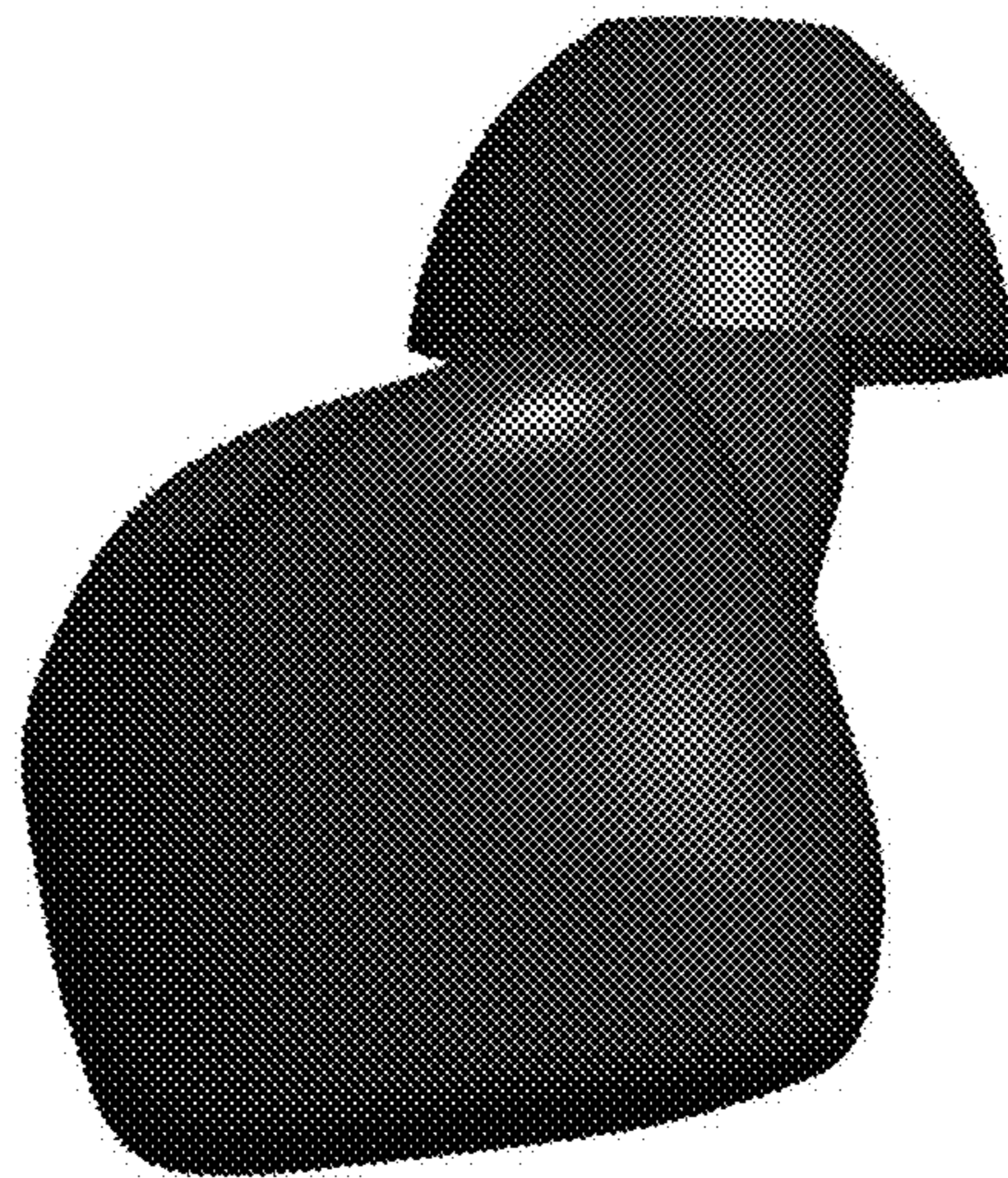
**FIG. 4**



**FIG. 5**



**FIG. 6**



**FIG. 7**