



US00D857200S

(12) **United States Design Patent** (10) **Patent No.:** **US D857,200 S**  
**Burkinshaw et al.** (45) **Date of Patent:** **\*\* Aug. 20, 2019**

(54) **UNITARY SPINAL DISC IMPLANT**

(71) Applicants: **Brian D. Burkinshaw**, Pflugerville, TX (US); **Jonathan Stupka**, Lakeway, TX (US)

(72) Inventors: **Brian D. Burkinshaw**, Pflugerville, TX (US); **Jonathan Stupka**, Lakeway, TX (US)

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

(21) Appl. No.: **29/634,231**

(22) Filed: **Jan. 19, 2018**

(51) **LOC (12) Cl.** ..... **24-02**

(52) **U.S. Cl.**  
 USPC ..... **D24/155**

(58) **Field of Classification Search**  
 USPC ..... D24/155-157  
 CPC ..... A61F 2/4611; A61F 2/442; A61F 2/447;  
 A61F 2220/0025; A61F 2310/00023;  
 A61F 2310/00017; A61F 2002/4475;  
 A61F 2002/30841; A61F 2002/2835;  
 A61F 2002/30904; A61F 2002/30785;  
 A61F 2002/443; A61F 2002/30578  
 See application file for complete search history.

8,038,920 B2 \* 10/2011 Denoziere ..... A61L 27/16  
 264/101

8,092,542 B2 \* 1/2012 Bryan ..... A61B 17/02  
 623/16.11

8,226,723 B2 \* 7/2012 Conti ..... A61F 2/442  
 623/17.16

8,603,171 B2 \* 12/2013 McClellan, III ..... A61F 2/442  
 623/17.16

8,926,703 B2 \* 1/2015 Michelson ..... A61F 2/4455  
 623/17.16

D753,306 S 4/2016 Burkinshaw

D764,666 S 8/2016 Burkinshaw

9,408,711 B2 8/2016 Burkinshaw

D780,314 S 2/2017 Burkinshaw

D780,921 S 3/2017 Burkinshaw

D804,668 S 12/2017 Burkinshaw

2005/0251260 A1 \* 11/2005 Gerber ..... A61F 2/441  
 623/17.13

2006/0276790 A1 12/2006 Dawson

2009/0216331 A1 8/2009 Grotz

2012/0191193 A1 7/2012 Trieu

\* cited by examiner

*Primary Examiner* — Charles D Hanson  
 (74) *Attorney, Agent, or Firm* — Clearpat Services, LLC

(57) **CLAIM**

The ornamental design for a unitary spinal disc implant, as shown and described.

**DESCRIPTION**

FIG. 1 is a front top perspective view of a unitary spinal disc implant showing our new design with a central core, an angled, spherical superior surface and spherical inferior surface with a keel;

FIG. 2 is a rear elevation view of FIG. 1;

FIG. 3 is a right side elevation view of FIG. 1;

FIG. 4 is a bottom elevation view of FIG. 1; and,

FIG. 5 is a bottom rear perspective view of FIG. 1.

**1 Claim, 1 Drawing Sheet**

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

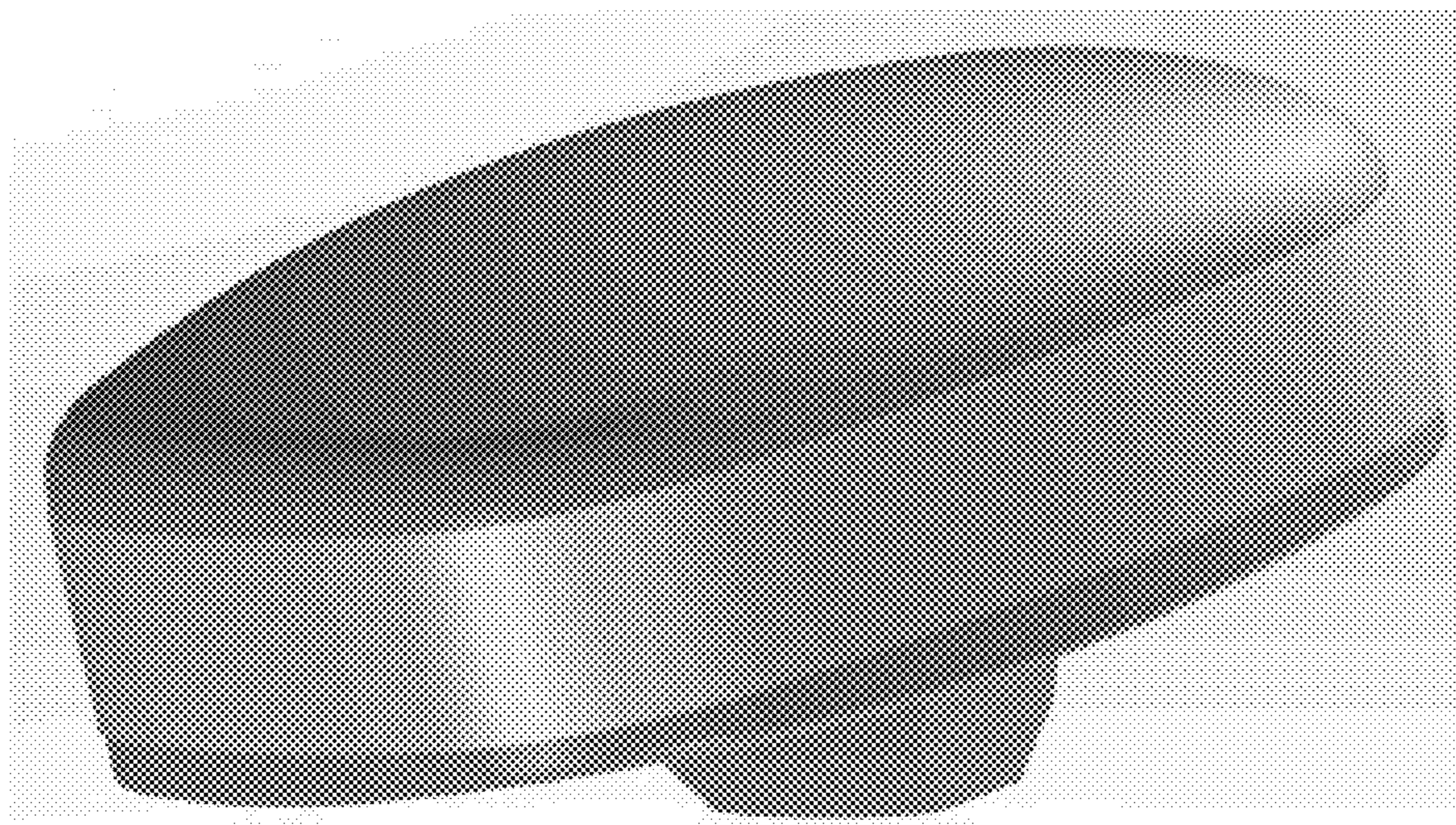
5,071,437 A 12/1991 Steffee

7,025,787 B2 \* 4/2006 Bryan ..... A61B 17/1671  
 623/17.15

D598,105 S \* 8/2009 Krishna ..... D24/155

7,601,174 B2 \* 10/2009 Kelly ..... A61B 17/02  
 623/17.13

7,901,459 B2 \* 3/2011 Hodges ..... A61F 2/4405  
 623/17.14



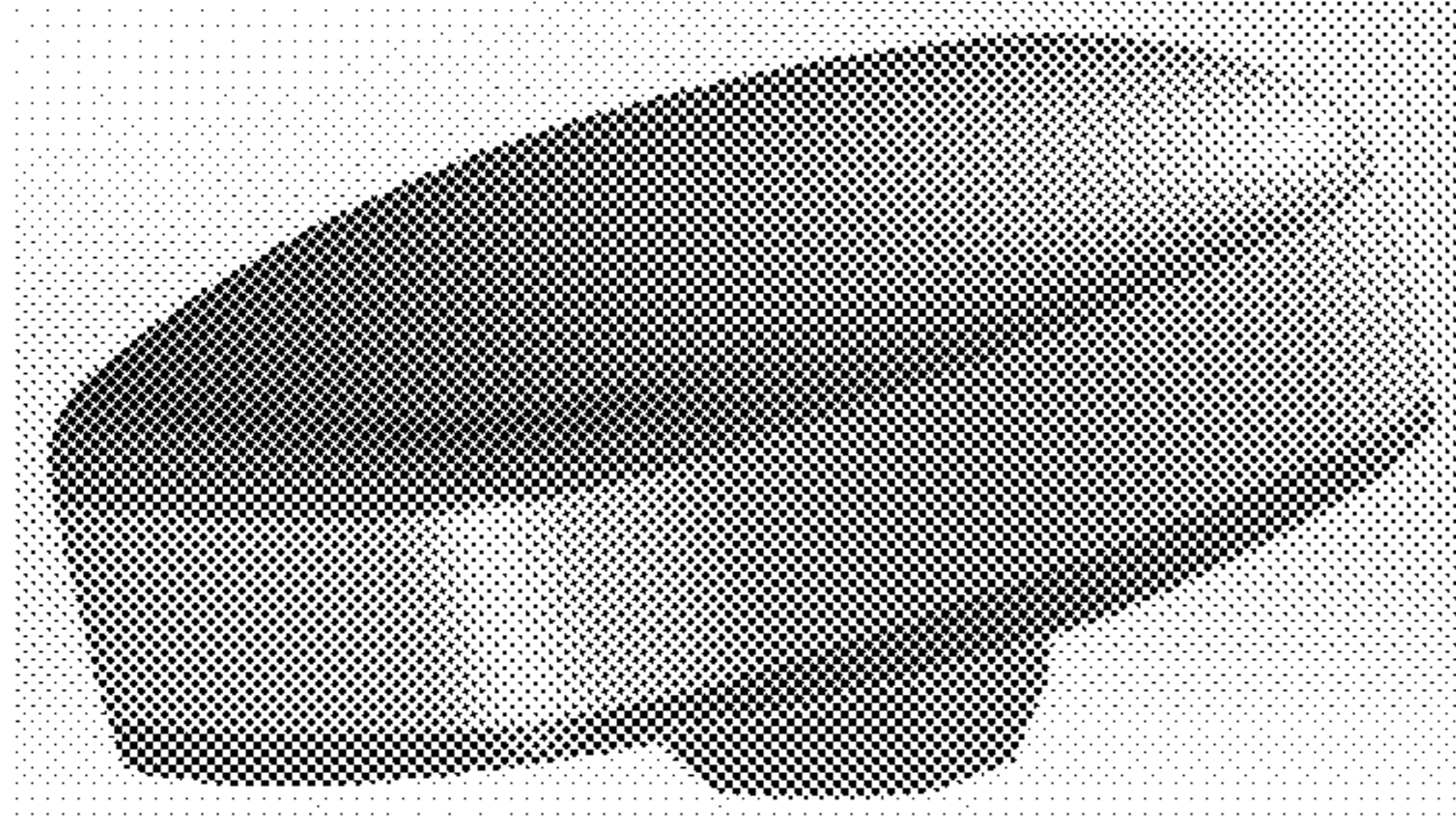


FIG. 1

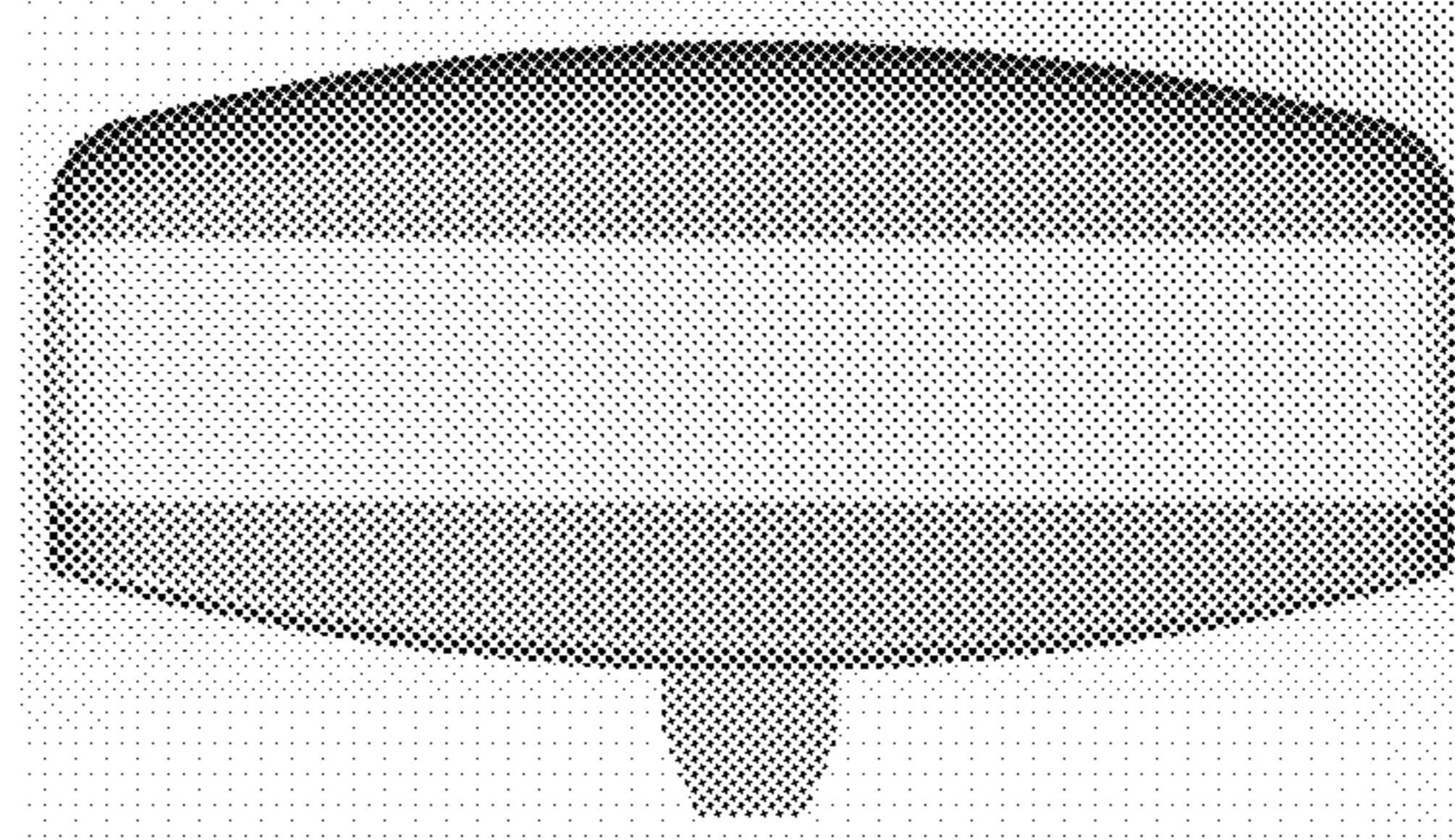


FIG. 2

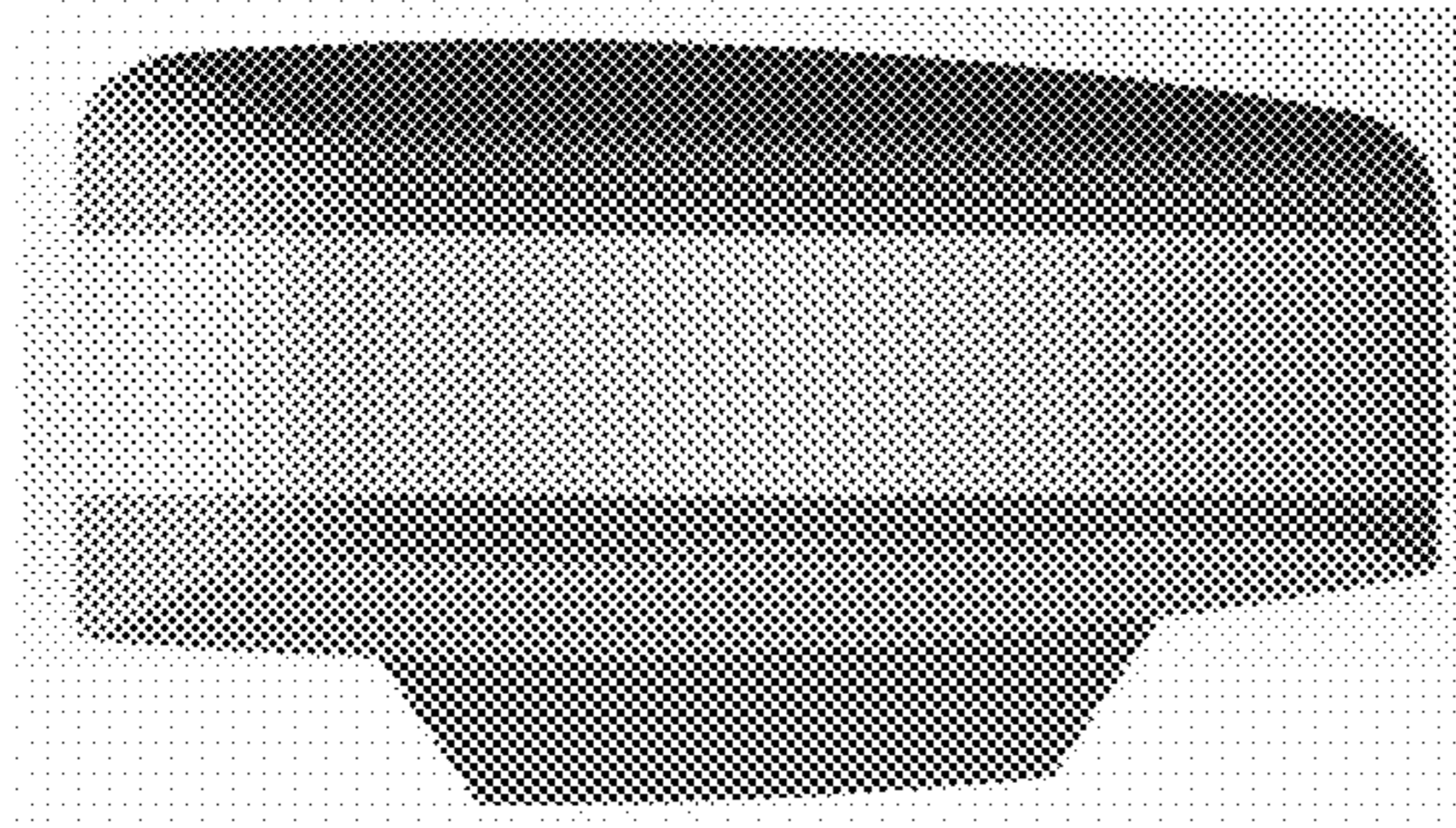


FIG. 3

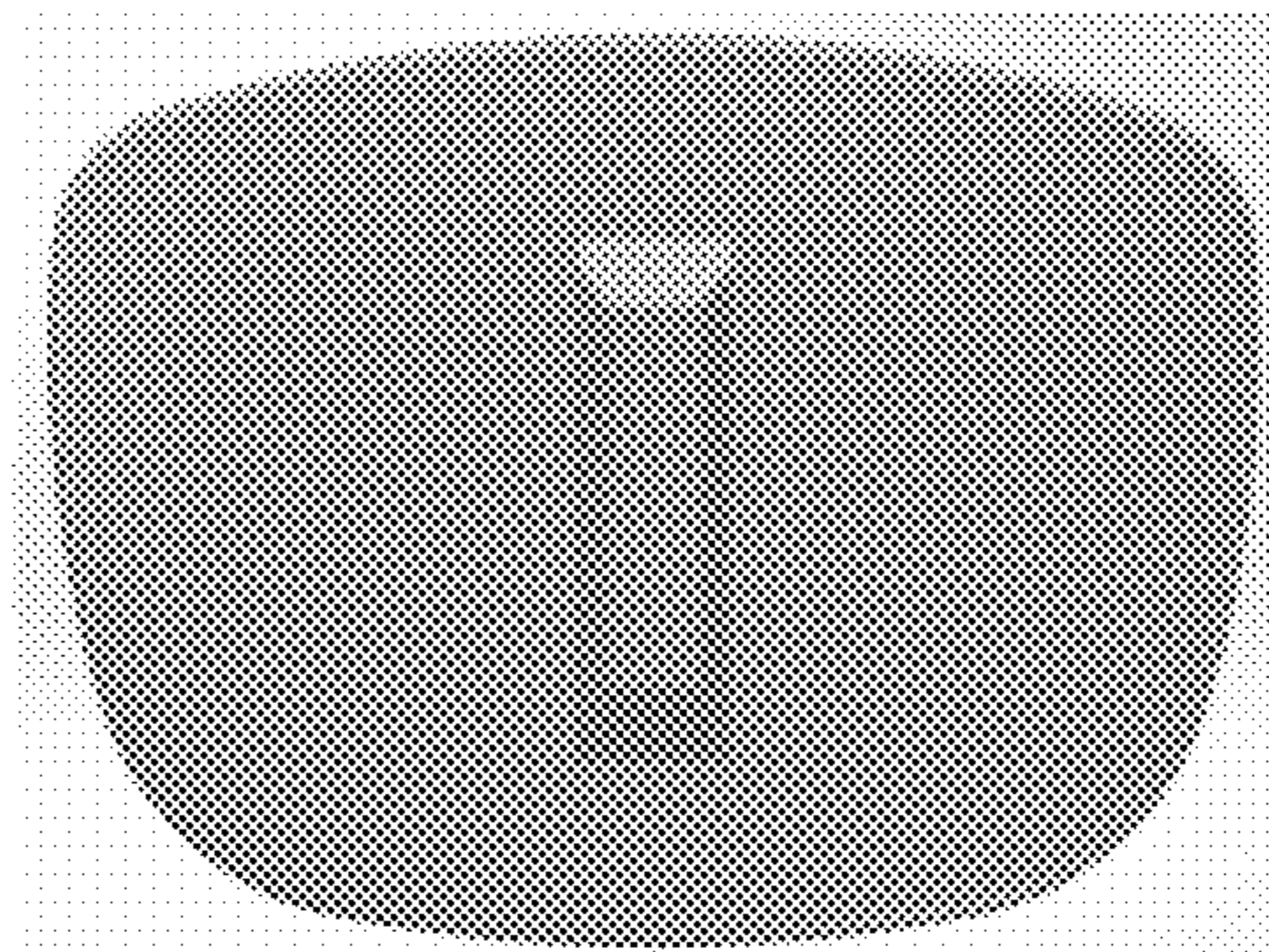


FIG. 4

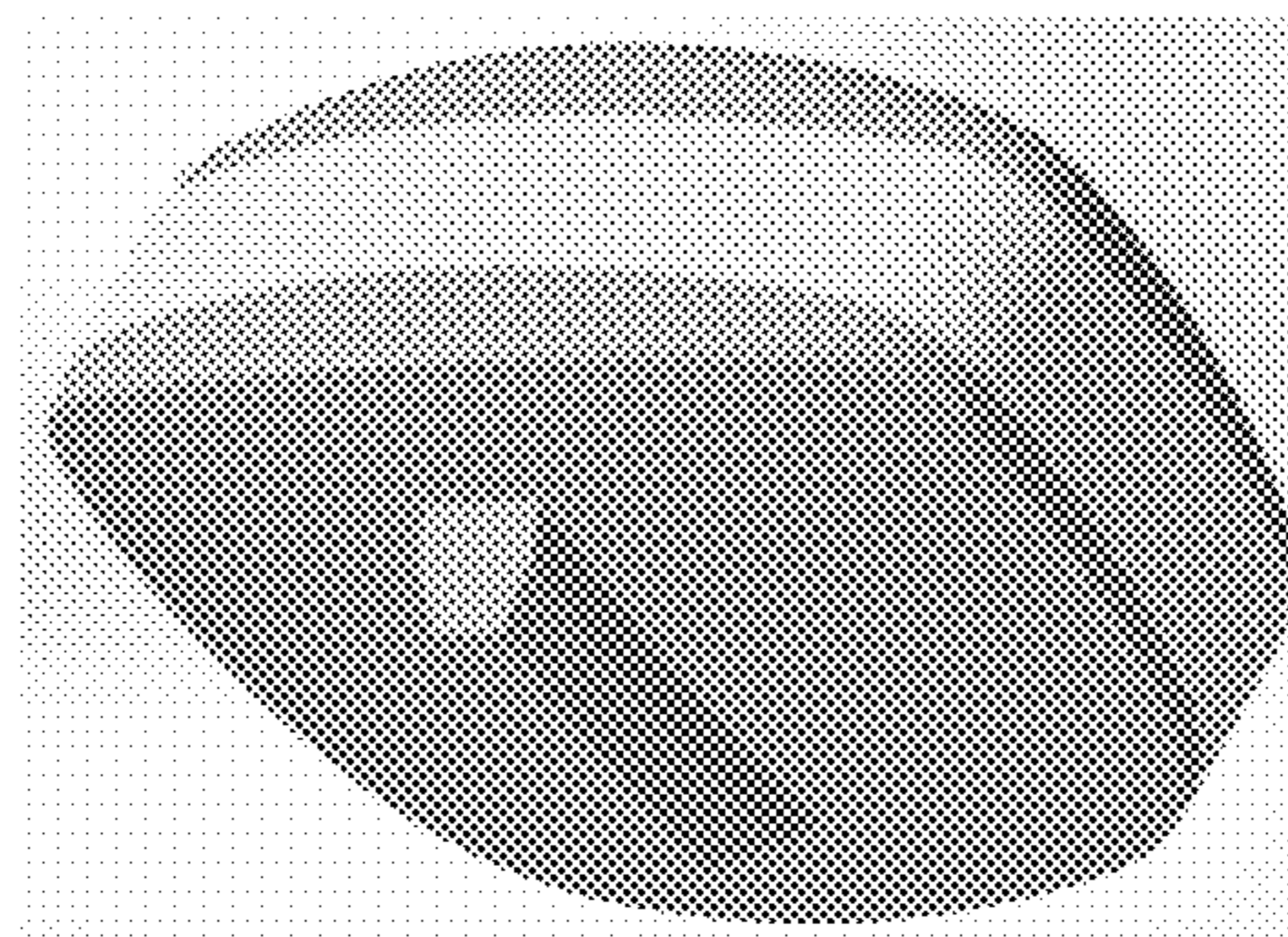


FIG. 5