



US00D812227S

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

(10) **Patent No.:** **US D812,227 S**  
(45) **Date of Patent:** **\*\* Mar. 6, 2018**

- (54) **UNITARY SPINAL DISC IMPLANT WITH A CENTRAL CORE**
- (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.: **29/591,880**
- (22) Filed: **Jan. 25, 2017**
- (51) **LOC (11) 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.

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
8,038,920	B2 *	10/2011	Denoziere	.....	A61L 27/16	264/101
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	.....	D24/155	
9,381,098	B2 *	7/2016	Gittings	.....	A61B 17/025	
D764,666	S *	8/2016	Burkinshaw	.....	D24/155	
9,408,711	B2 *	8/2016	Burkinshaw	.....	A61F 2/442	
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 Hanson  
(74) *Attorney, Agent, or Firm* — ClearPat Services, LLC.

(57) **CLAIM**

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

**DESCRIPTION**

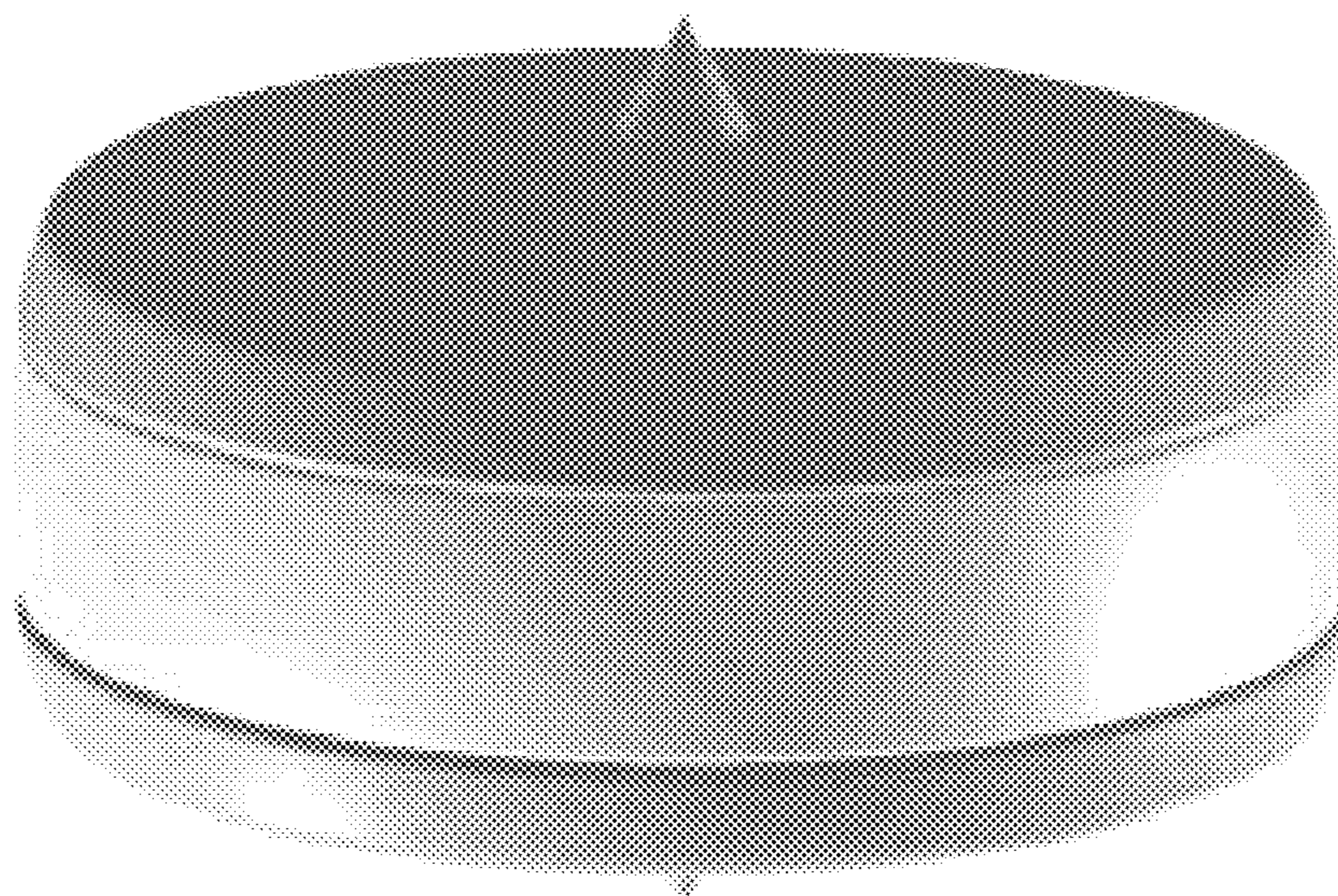
FIG. 1 is a front perspective view of a unitary spinal disc implant with a central core, showing our new design; FIG. 2 is a side elevation view thereof; and, FIG. 3 is an exploded perspective view of FIG. 1.

**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



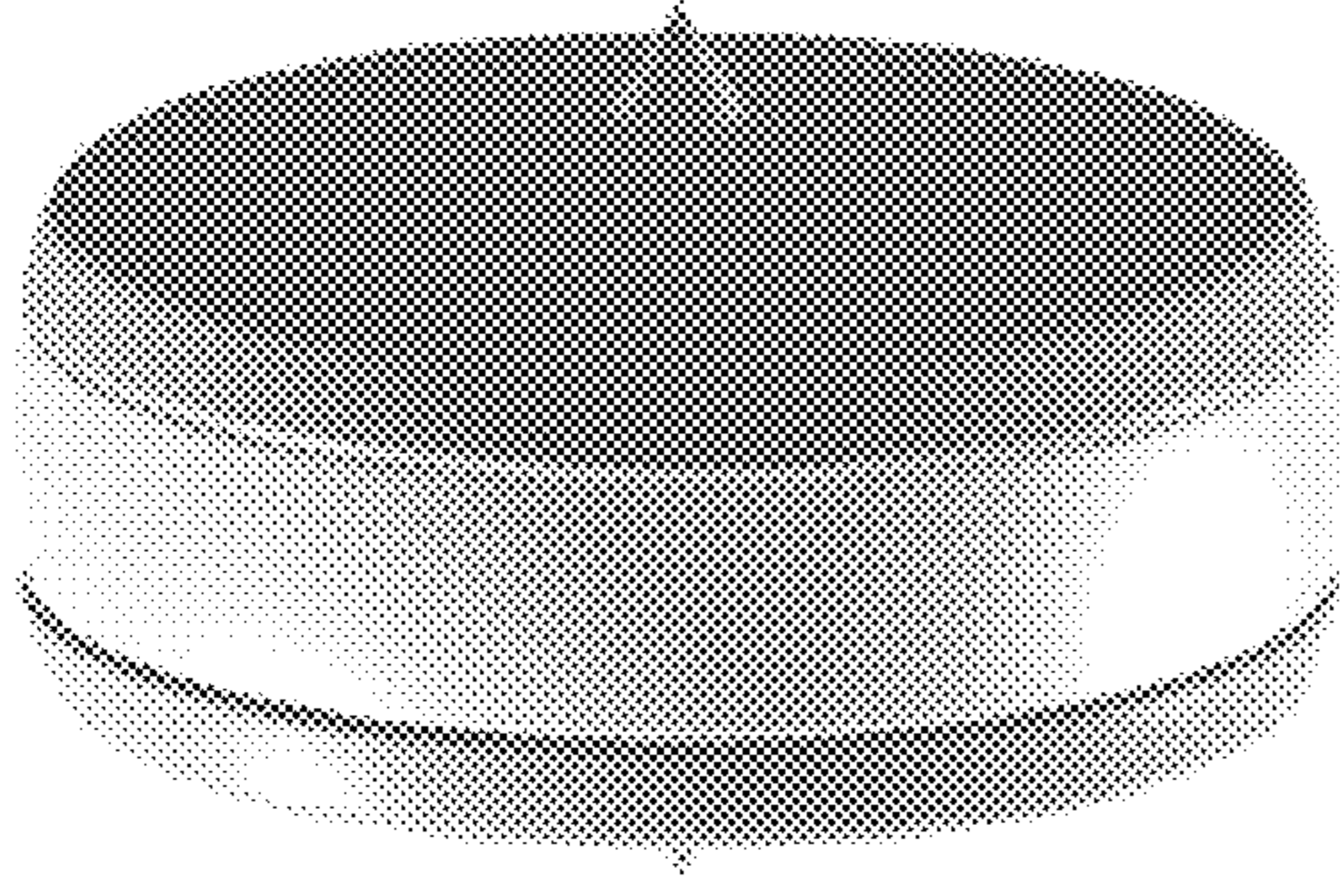


FIG. 1

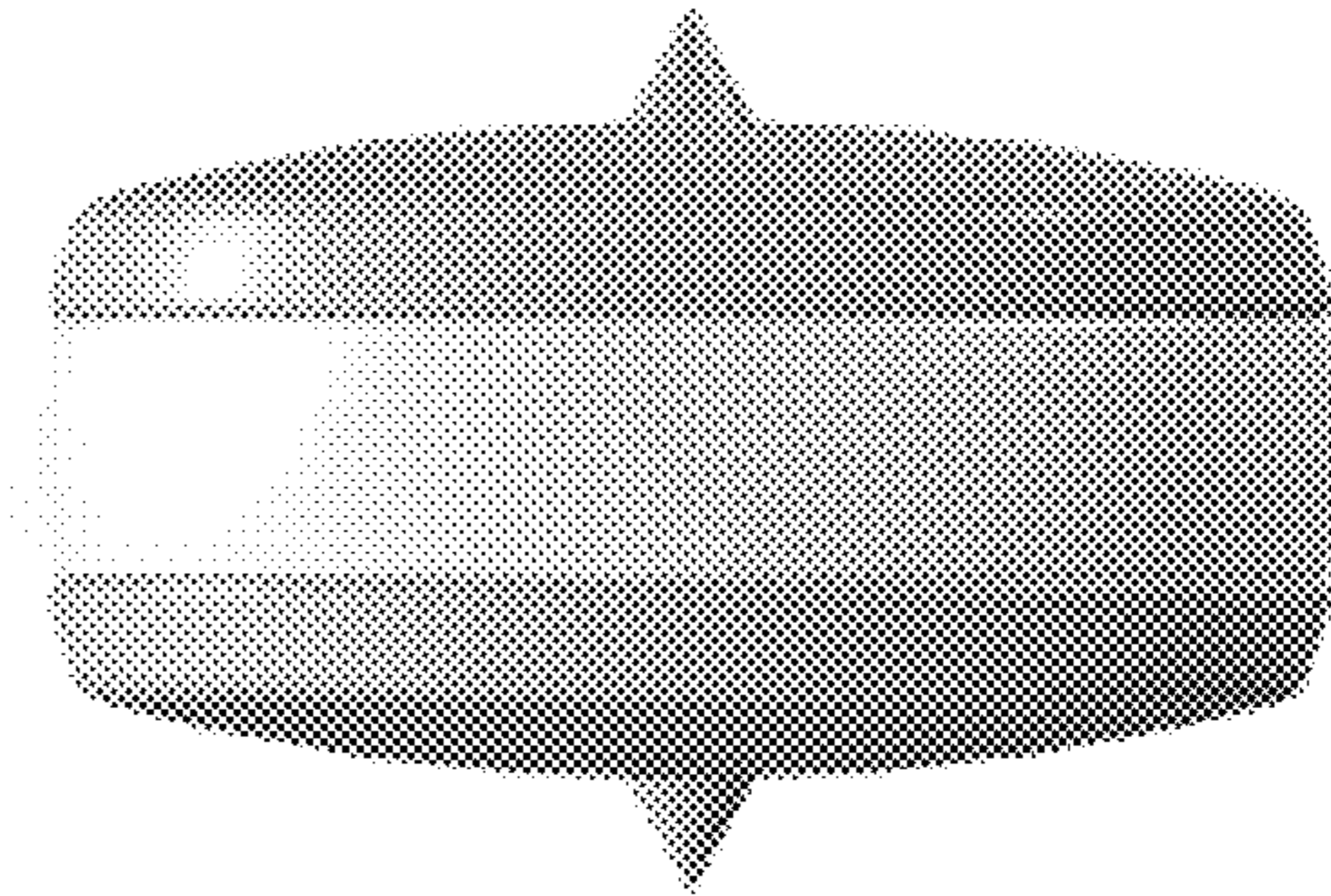


FIG. 2

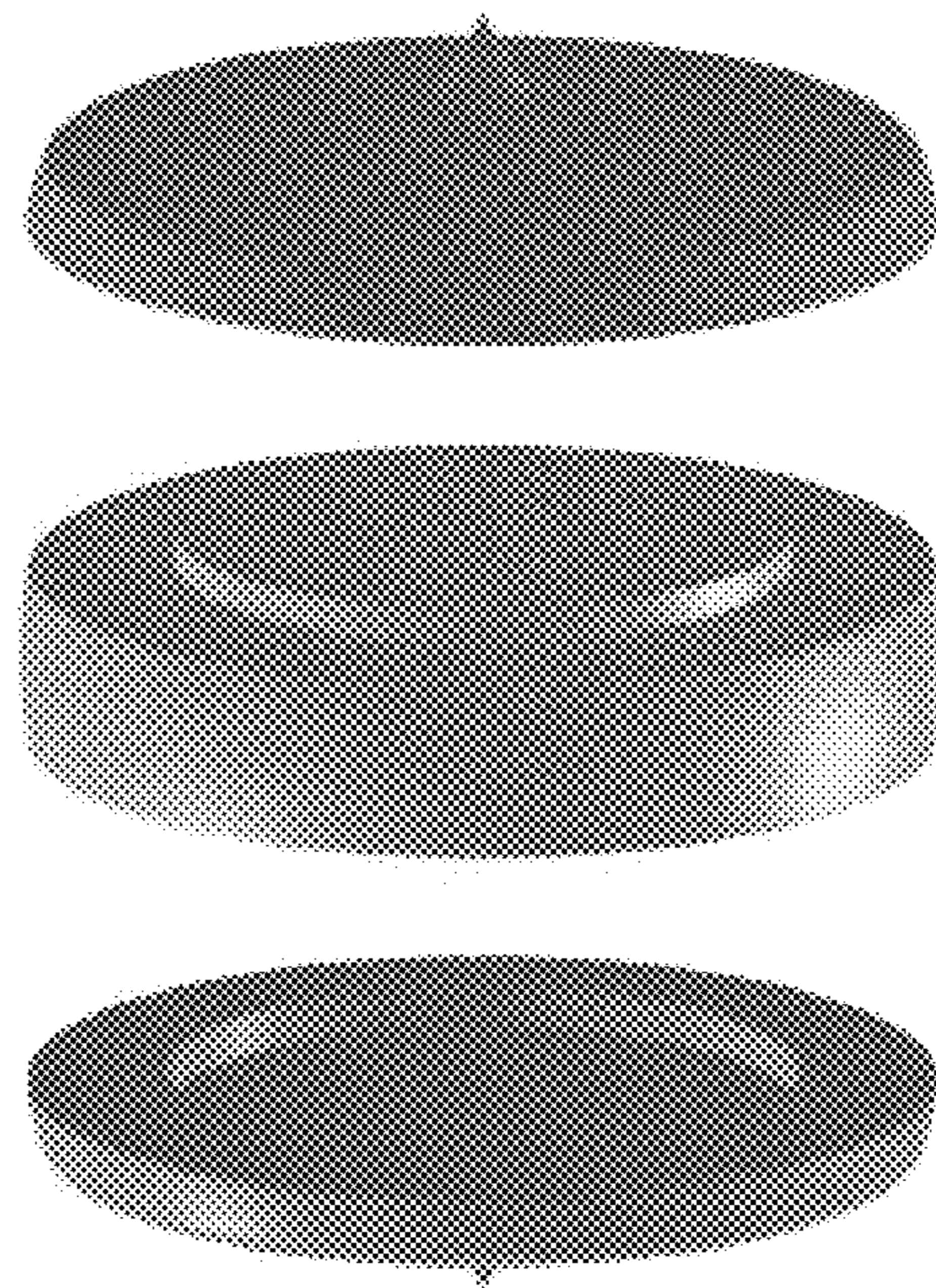


FIG. 3

