

US00D800227S

(12) **United States Design Patent** (10) **Patent No.:** **US D800,227 S**
Howard (45) **Date of Patent:** **** Oct. 17, 2017**

(54) **TETRAHEDRAL NEGATIVE UNIVERSAL JOINT BLOCK**

6,152,797 A 11/2000 David
6,379,212 B1 4/2002 Miller
D457,833 S * 5/2002 Juan D11/121
(Continued)

(71) Applicant: **T. Dashon Howard**, Chicago, IL (US)

(72) Inventor: **T. Dashon Howard**, Chicago, IL (US)

(73) Assignee: **T. Dashon Howard**, Chicago, IL (US)

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

(21) Appl. No.: **29/586,322**

(22) Filed: **Dec. 2, 2016**

Related U.S. Application Data

(63) Continuation-in-part of application No. 29/491,954, filed on May 27, 2014, now abandoned.

(51) **LOC (10) Cl.** **21-01**

(52) **U.S. Cl.**
USPC **D21/492**

(58) **Field of Classification Search**

USPC D21/468, 478, 479, 484–505; D19/59, D19/60, 51

CPC A63H 33/04; A63H 33/06; A63H 33/08; A63H 33/082; A63H 33/084; A63H 33/10; A63H 33/102; A63H 33/105; A63H 33/12; A63H 33/16; G09B 19/00

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,562,077 A 2/1971 Raba
4,026,087 A 5/1977 White
D258,743 S 3/1981 Ruga
D258,744 S 3/1981 Ruga
5,036,635 A 8/1991 Lalvani
5,448,868 A 9/1995 Lalvani
5,593,337 A 1/1997 Lapointe
5,628,666 A 5/1997 Tomczyk et al.
5,762,336 A 6/1998 Miller, Jr.
6,059,631 A 5/2000 Maddock

FOREIGN PATENT DOCUMENTS

CA 159838 S 10/2015

OTHER PUBLICATIONS

“U.S. Appl. No. 29/491,954, Examiner Interview Summary dated May 19, 2016”, 4 pgs.

(Continued)

Primary Examiner — Cynthia M Chin

(74) *Attorney, Agent, or Firm* — Schwegman Lundberg & Woessner, P.A.

(57) **CLAIM**

The ornamental design for a tetrahedral negative universal joint block, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a tetrahedral negative universal joint block, showing our new design;

FIG. 2 is a top plan view thereof, showing the vertical and horizontal symmetry of the design;

FIG. 3 is a bottom plan view thereof, which is a mirror image of the front elevation view;

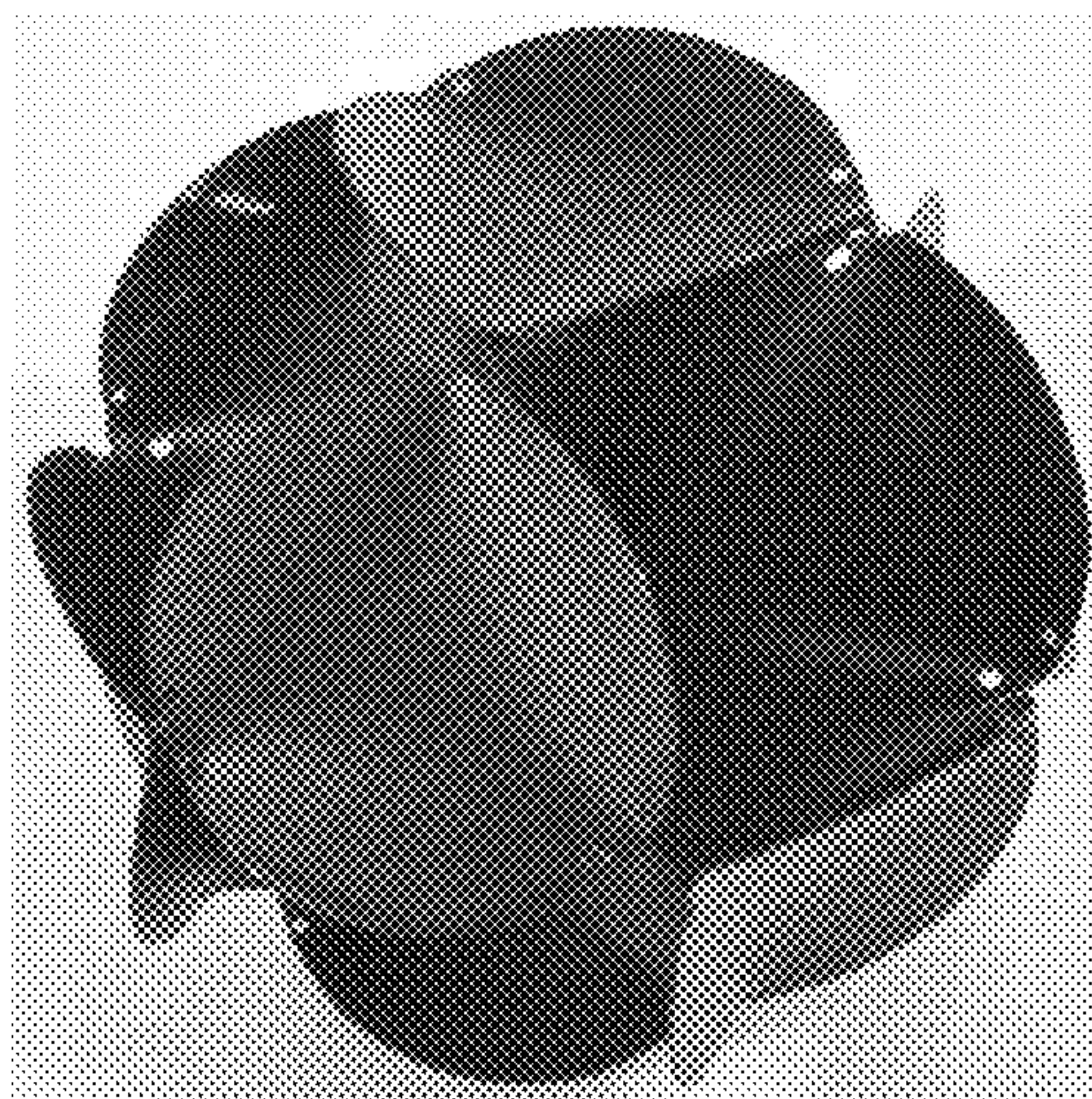
FIG. 4 is a front elevation view thereof;

FIG. 5 is a back elevation view thereof, which because of the vertical and horizontal symmetry of the design, is a mirror image of the front elevation view;

FIG. 6 is a left side elevation view thereof, which because of the vertical and horizontal symmetry of the design, is a rotation from the front elevation view; and,

FIG. 7 is a right side elevation view thereof, which because of the vertical and horizontal symmetry of the design, is a mirror image of the left side elevation view.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

6,558,065	B2	5/2003	Huang	
6,921,314	B2	7/2005	Miller	
7,029,364	B1 *	4/2006	Thomasson	 G09B 23/00 446/388
7,156,392	B2	1/2007	Plein	
7,318,764	B2 *	1/2008	Elias	 A63F 9/12 273/153 R
7,469,898	B2	12/2008	Forakis	
7,694,463	B2 *	4/2010	Lanahan	 E04B 1/19 446/118
D618,738	S	6/2010	Bodin et al.	
D630,265	S	1/2011	Bodin et al.	
8,157,608	B1	4/2012	Stapleton	
8,567,149	B2 *	10/2013	Kuzmin	 A63H 33/08 52/592.1
8,650,808	B2	2/2014	Hooper	
8,826,602	B1 *	9/2014	Lipscomb	 E04B 1/19 52/648.1
8,845,381	B2	9/2014	Ziegler	
8,858,232	B2	10/2014	Caverly	
8,979,608	B2	3/2015	Hawthorne	
9,192,875	B2	11/2015	Howard	
9,339,736	B2 *	5/2016	Howard	 G09B 23/18
9,340,967	B2 *	5/2016	Daenen	 A63H 33/084
2009/0309302	A1 *	12/2009	Langin-Hooper	 A63F 9/12 273/153 S
2015/0079872	A1 *	3/2015	Howard	 A63H 33/046 446/92

OTHER PUBLICATIONS

“U.S. Appl. No. 29/491,954, Final Office Action dated Sep. 2, 2016”, 5 pgs.
“U.S. Appl. No. 29/491,954, Non Final Office Action dated Dec. 17, 2015”, 7 pgs.
“U.S. Appl. No. 29/491,954, Response filed Jun. 16, 2016 to Non Final Office Action dated Dec. 17, 2015”, 9 pgs.
“U.S. Appl. No. 29/492,260, Non Final Office Action dated Dec. 17, 2015 ”, 8 pgs.
“U.S. Appl. No. 29/492,260, Examiner Interview Summary dated May 18, 2016”, 4 pgs.
“Canadian Application Serial No. 159,838, Office Action dated May 8, 2015”, 1 pg.
“Canadian Application Serial No. 159,838, Office Action dated May 8, 2015”, 2 pgs.
“Canadian Application Serial No. 159,838, Response filed Feb. 18, 2015 to Office Action dated Dec. 12, 2014”, 2 pgs.
“Canadian Application Serial No. 159,838, Response filed Sep. 1, 2015 to Office Action dated May 8, 2015”, 4 pgs.
“Chinese Application Serial No. 201430484591.5, Office Action dated Jun. 4, 2015”, 2 pgs.
“Chinese Application Serial No. 201430484591.5, Response dated Aug. 19, 2015 to Office Action dated Jun. 4, 2015”, 9 pgs.
“Chinese Application Serial No. 201430484591.5, Voluntary Amendment filed Feb. 11, 2015”, 3 pgs.
“Platonic Solids Craft Project-Tetrahedron”, AuntAnnie.com, [Online] retrieved from the internet: <<http://web.archive.org/web/20110706033803/http://www.auntannie.com/Geometric/PlatonicSolids/>>, (Jul. 6, 2011).

* cited by examiner

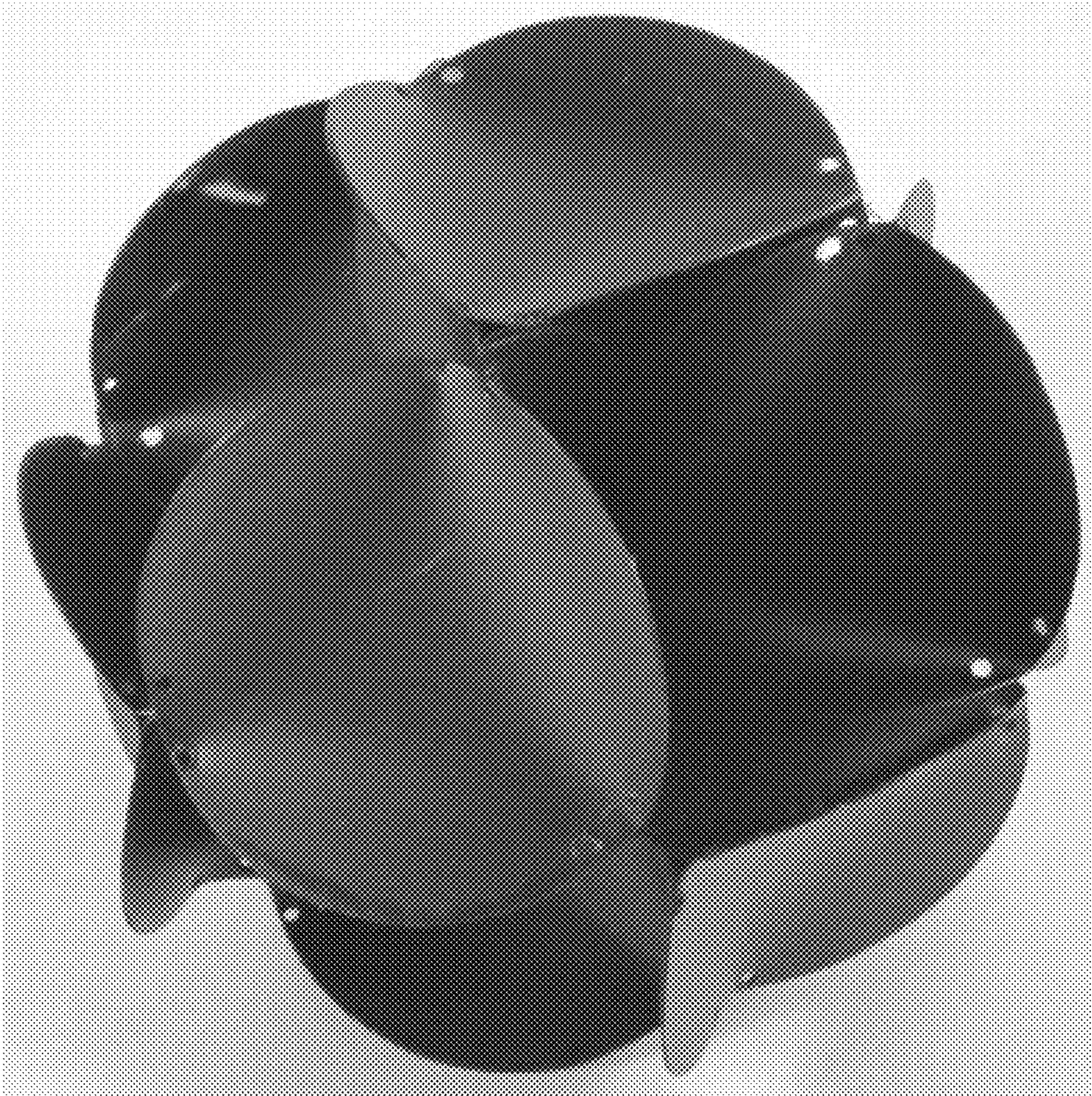


FIG. 1

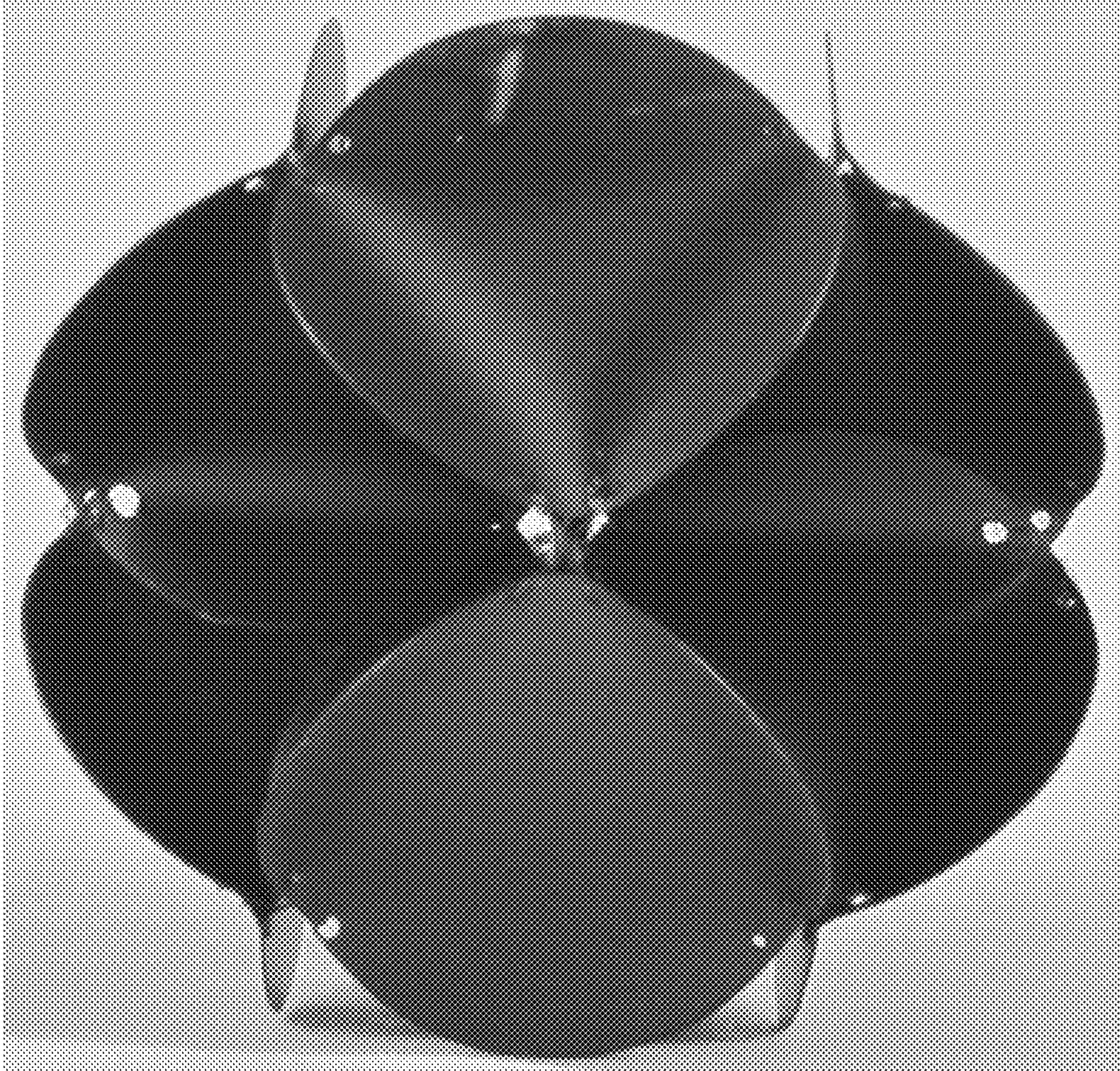


FIG. 2

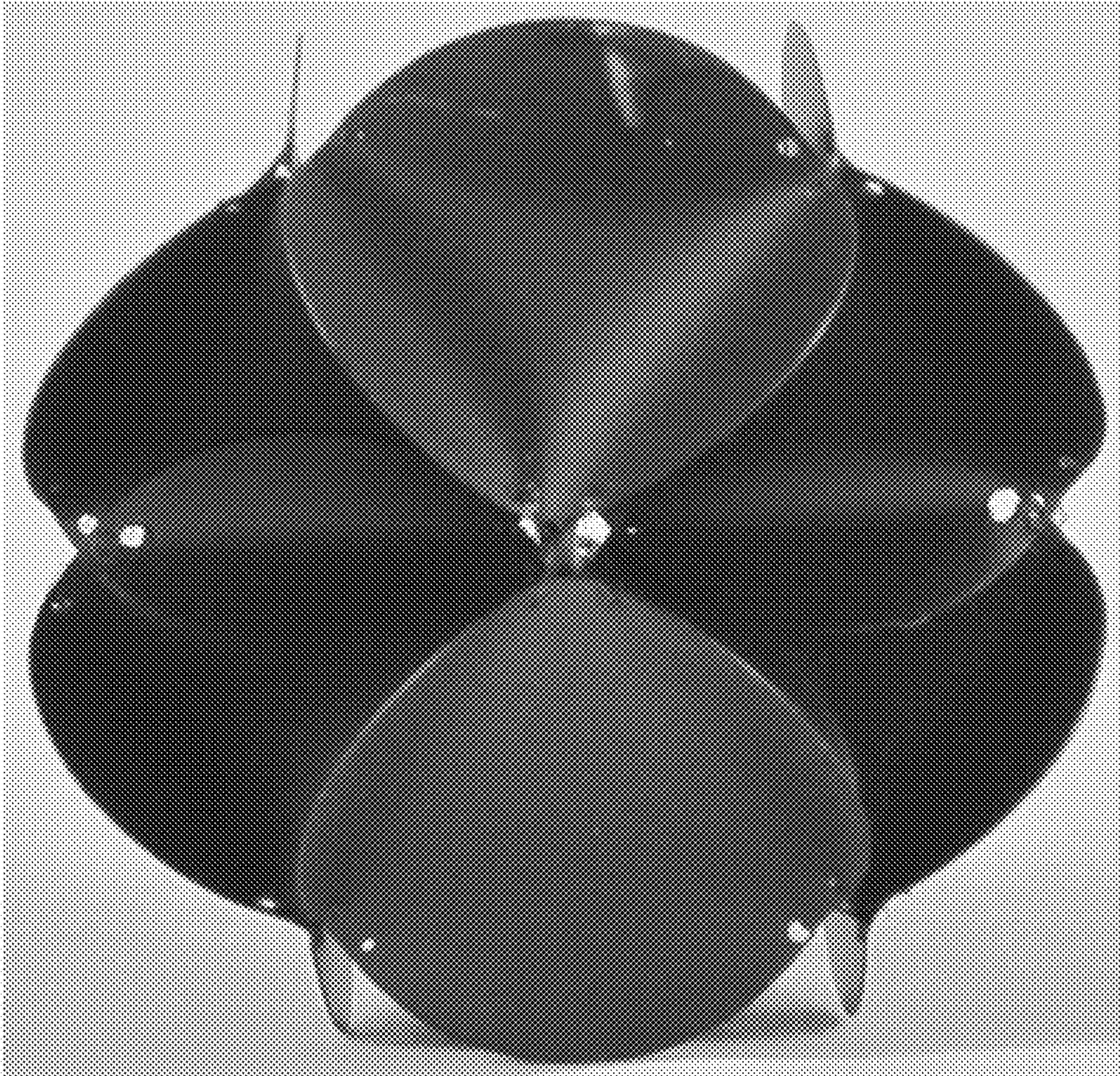


FIG. 3

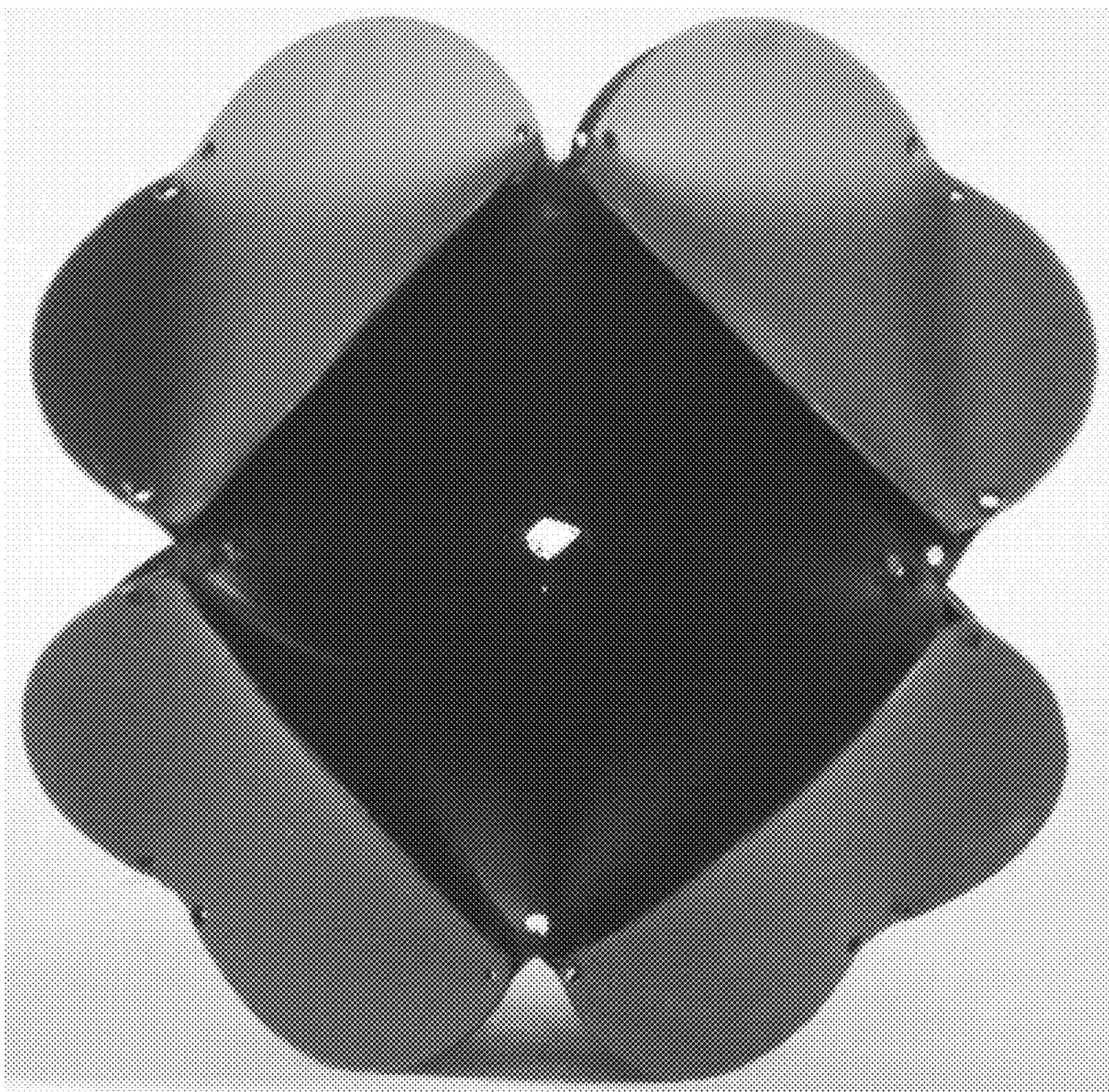


FIG. 4

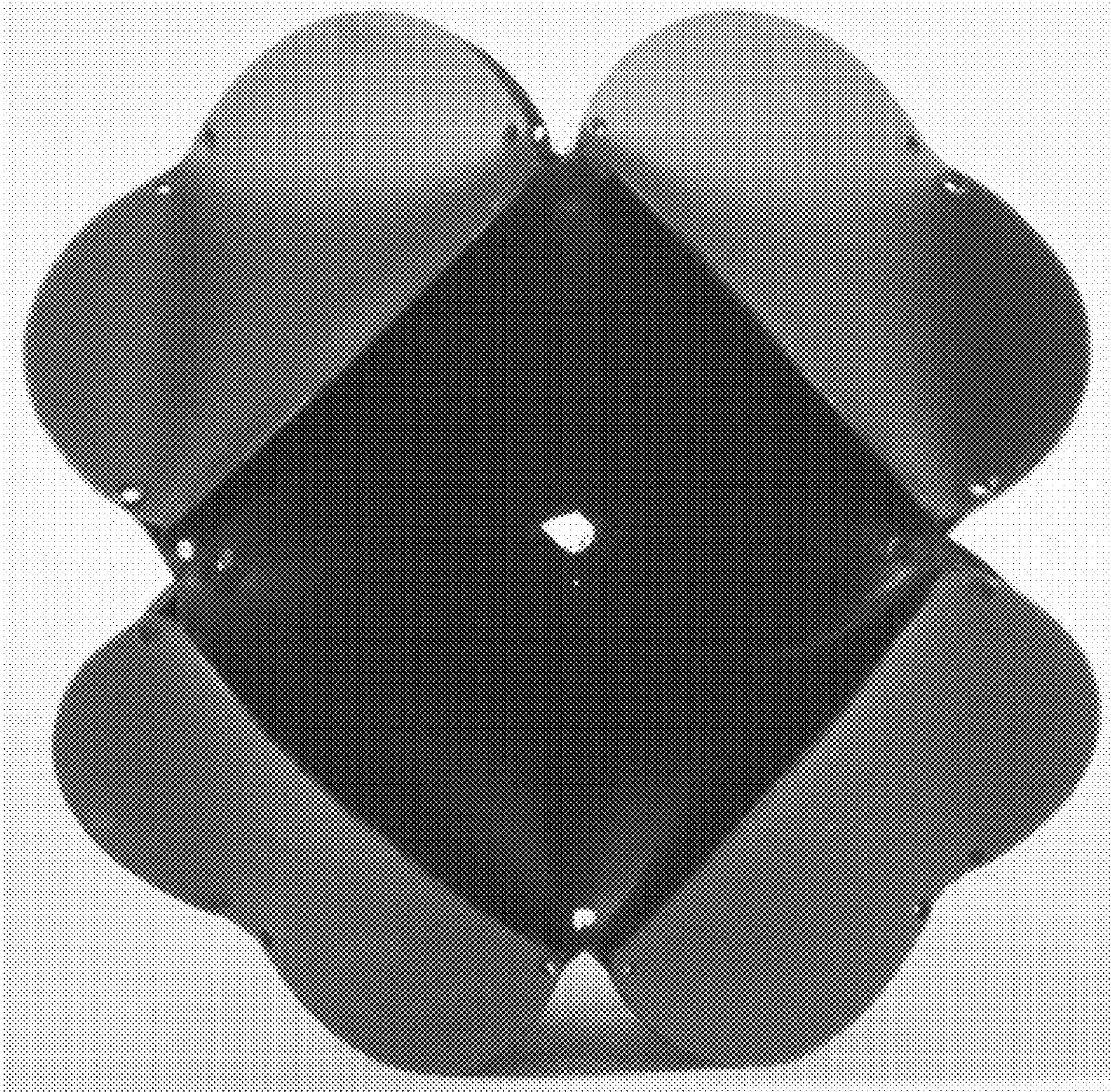


FIG. 5

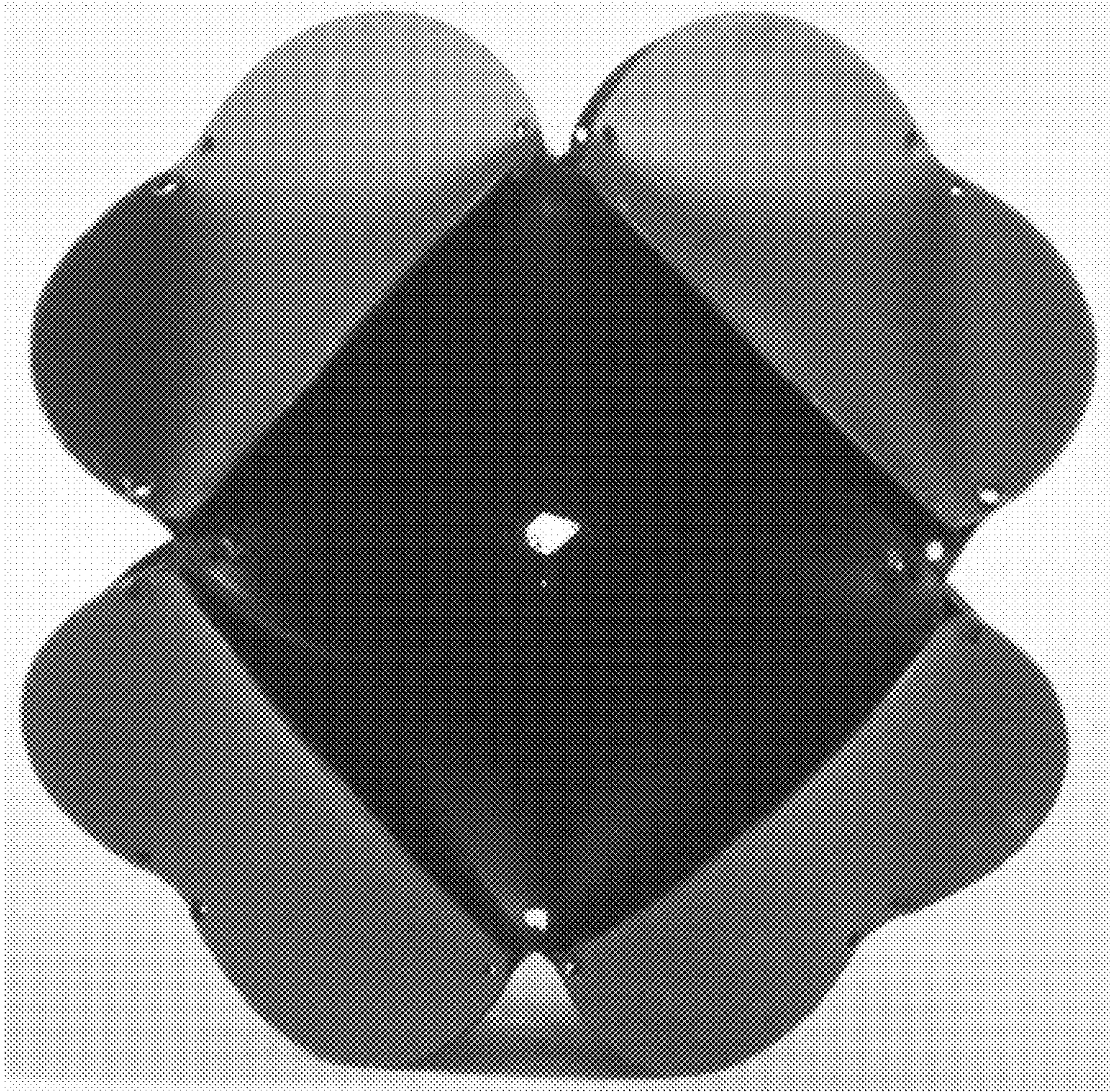


FIG. 6

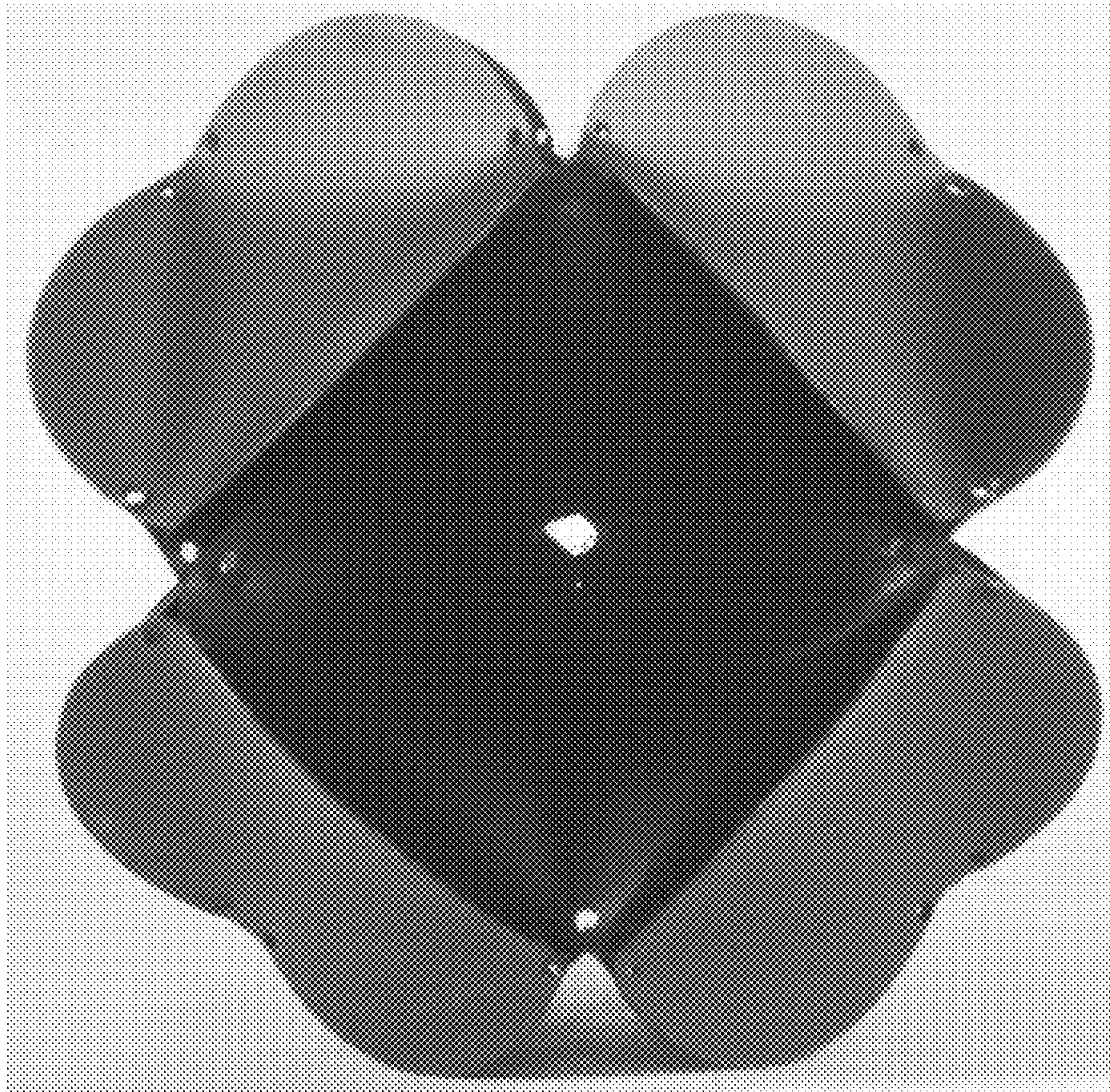


FIG. 7