

US00D586065S

(12) **United States Design Patent**  
**Lin**

(10) **Patent No.:** **US D586,065 S**  
(45) **Date of Patent:** **\*\* Feb. 3, 2009**

(54) **AUTOMATIC TRASH CAN**

(76) **Inventor:** **Cuiwen Lin**, 17037 Green Dr., City of Industry, CA (US) 91745

(\*\*) **Term:** **14 Years**

(21) **Appl. No.:** **29/294,971**

(22) **Filed:** **Feb. 6, 2008**

(51) **LOC (9) Cl.** ..... **09-09**

(52) **U.S. Cl.** ..... **D34/7**

(58) **Field of Classification Search** ..... D34/1-11;  
220/908-913, 262-264

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

- D488,604 S \* 4/2004 Yang et al. .... D34/9
- D489,853 S \* 5/2004 Verbeek et al. .... D34/7
- D489,857 S \* 5/2004 Yang et al. .... D34/9
- D517,763 S \* 3/2006 Daams ..... D34/9
- D525,756 S \* 7/2006 Yang et al. .... D34/9
- D528,726 S \* 9/2006 Lin ..... D34/9
- 7,121,421 B2 \* 10/2006 Yang et al. .... 220/263
- D532,175 S \* 11/2006 Lin ..... D34/7
- D533,703 S \* 12/2006 Lin ..... D34/7
- D539,498 S \* 3/2007 Yang et al. .... D34/9

- D540,000 S \* 4/2007 Mandel ..... D34/7
- D547,020 S \* 7/2007 Chen ..... D34/7
- D557,869 S \* 12/2007 Hawker et al. .... D34/9
- D559,494 S \* 1/2008 Yang et al. .... D34/7
- D564,169 S \* 3/2008 Wang ..... D34/7
- 2005/0082196 A1 \* 4/2005 Lin ..... 206/554

\* cited by examiner

*Primary Examiner*—Cynthia E Ramirez

(74) *Attorney, Agent, or Firm*—Raymond Y. Chan; David and Raymond Patent Firm

(57) **CLAIM**

The ornamental design for an automated trash can, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of an automated trash can showing my new design;

FIG. 2 is a front view thereof;

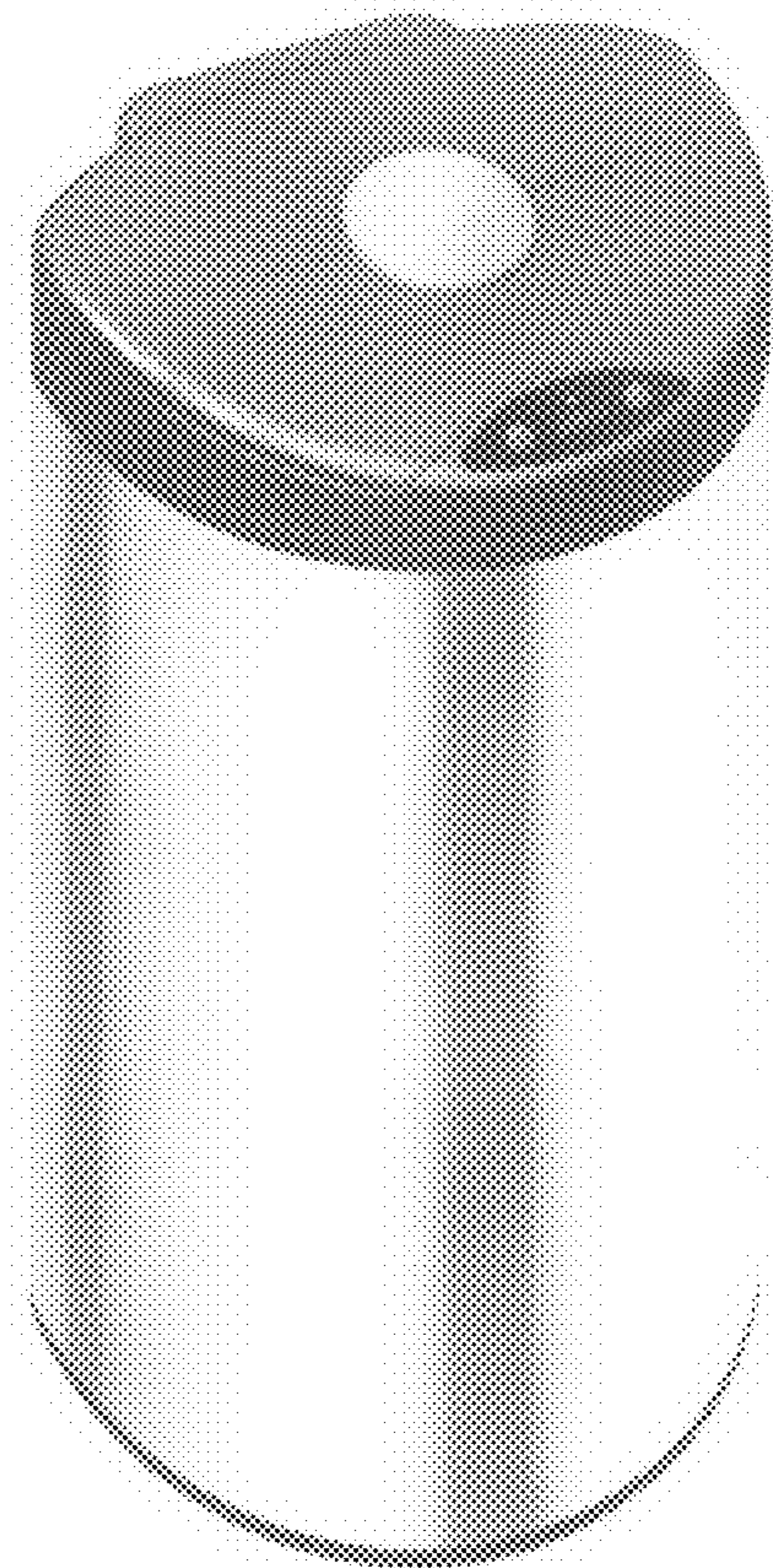
FIG. 3 is a rear view thereof;

FIG. 3 is a side view thereof;

FIG. 5 is a top view thereof; and,

FIG. 6 is a bottom view thereof.

**1 Claim, 1 Drawing Sheet**



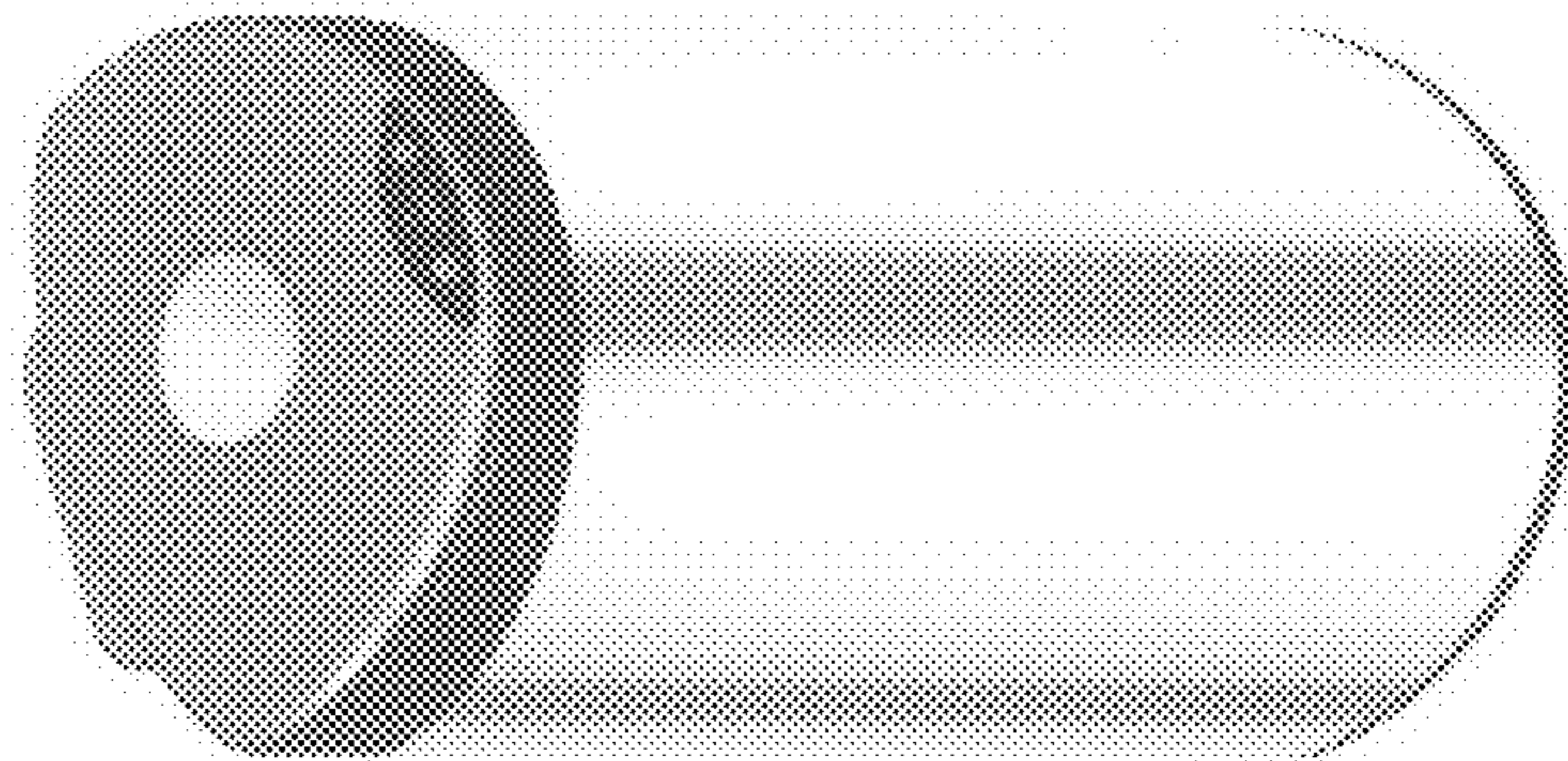


FIG.1



FIG.2

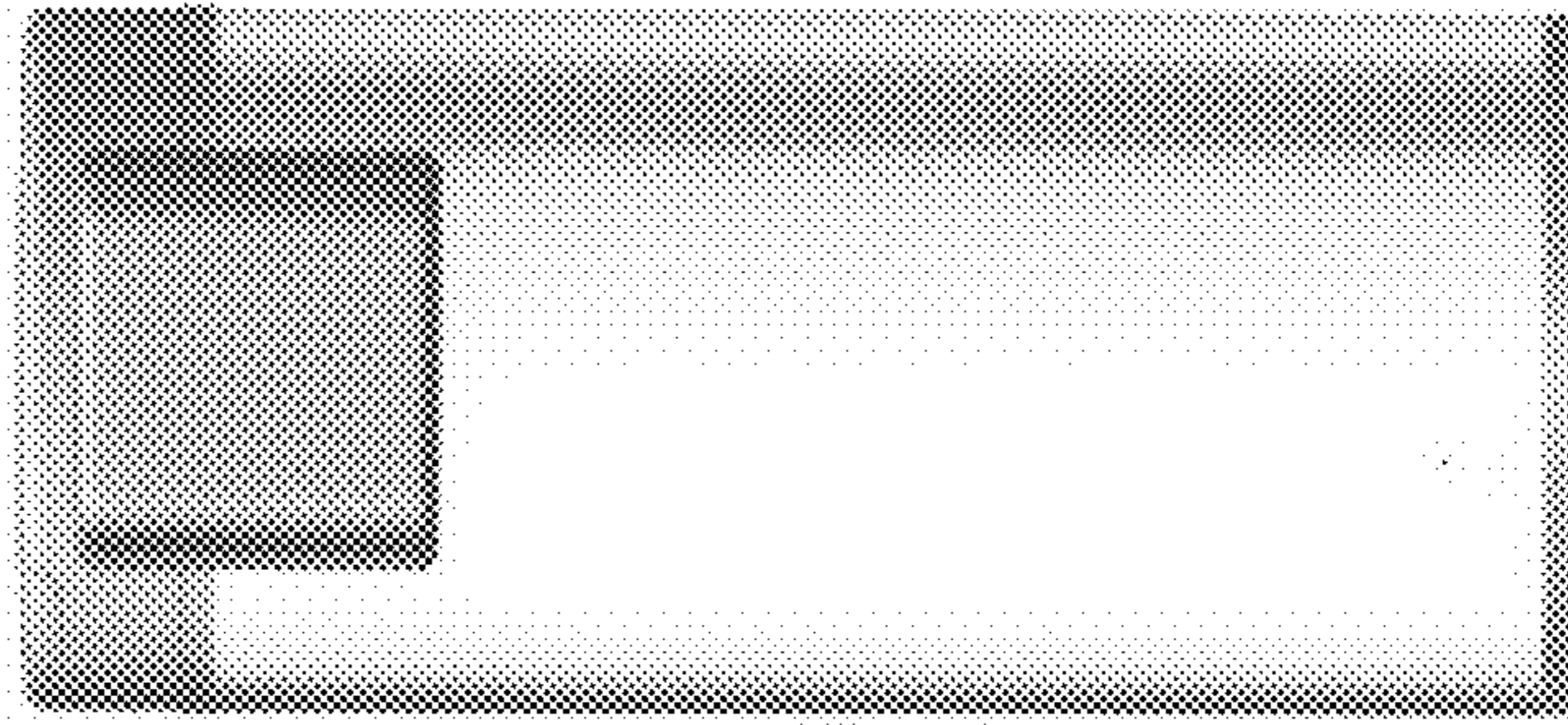


FIG.3

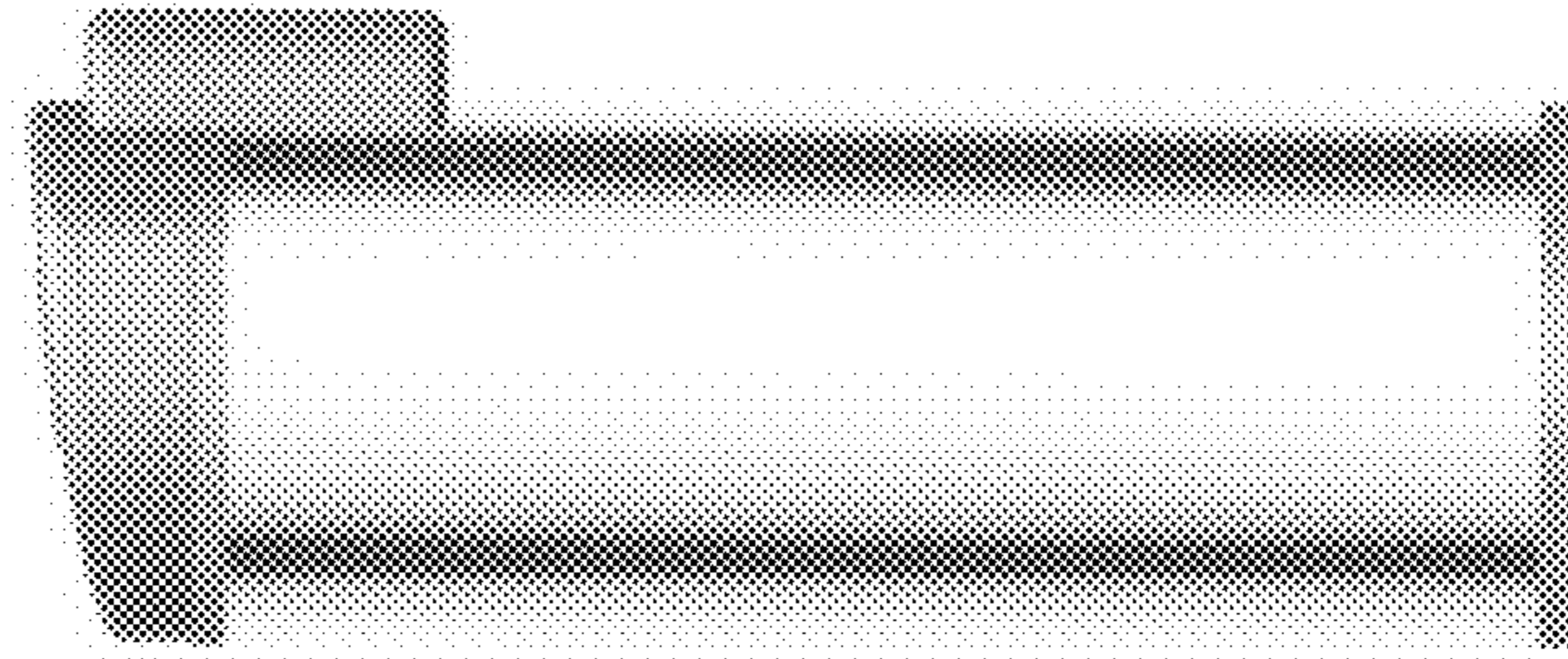


FIG.4

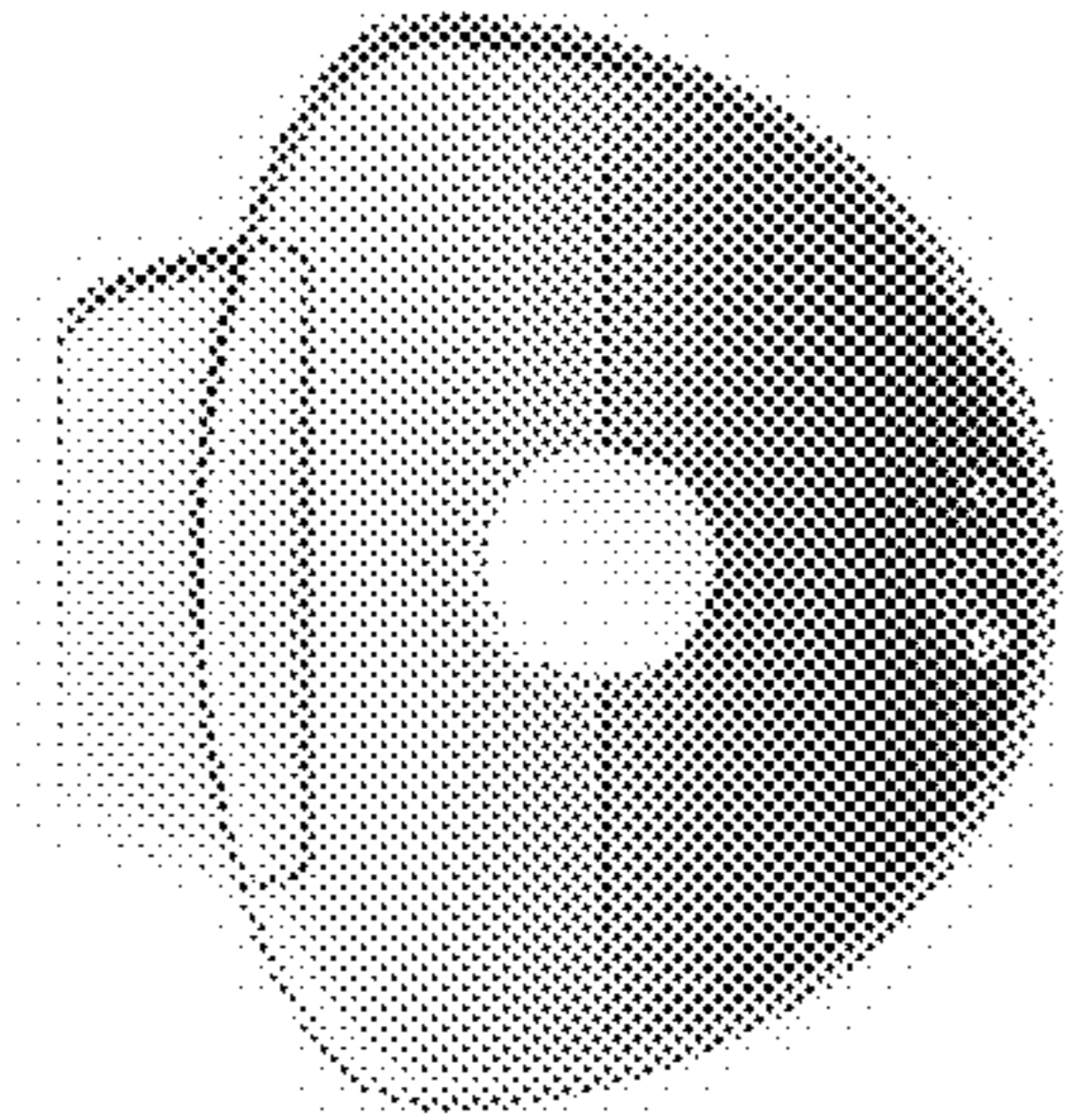


FIG.5

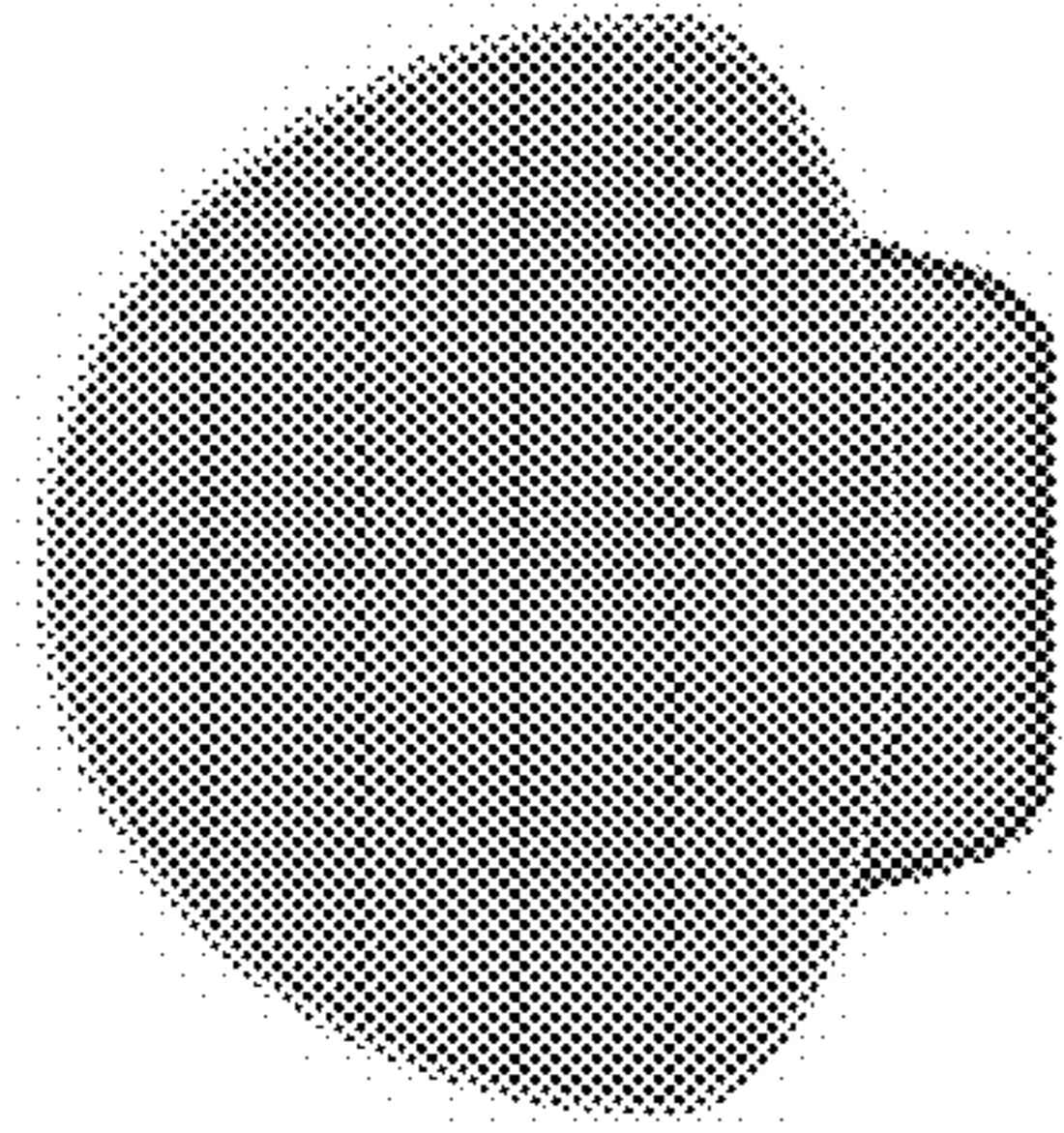


FIG.6