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

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(54) **DETECTION DEVICE FOR MEDICAL PURPOSES**

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

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(51) **LOC (10) Cl.** **24-02**

(52) **U.S. Cl.**
USPC **D24/223**

(58) **Field of Classification Search**
USPC D24/169, 186, 216, 223-226, 121-122, D24/107; D10/78, 81; 436/164-165, 510, 436/514, 518; 422/68.1, 400, 401, 402, 422/403, 420, 547, 408, 412, 417, 537, 411, 422/404, 527, 562, 550; 435/7.1, 7.9; 600/583-584; 250/576
CPC .. G01N 21/274; G01N 33/558; G01N 31/22; G01N 33/689; G01N 33/54366; G01N 33/525; G01N 21/8483; B01L 3/5023; B01L 2400/0406; B01L 3/502; B01J 19/0046; A61K 38/00; A61B 5/1411; A61B 10/0051; A61B 10/0096; A61B 10/0045
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

| | | | | |
|--------------|---------|--------|-------|---------|
| D274,752 S * | 7/1984 | Byrne | ..... | D24/223 |
| D275,789 S * | 10/1984 | Byrne | ..... | D24/223 |
| D283,640 S * | 4/1986 | Grimes | ..... | D24/223 |
| D297,166 S * | 8/1988 | Hollar | ..... | D24/226 |

| | | | | |
|----------------|---------|-----------|-------|------------------------|
| D306,645 S * | 3/1990 | Parker | ..... | D24/223 |
| D360,950 S * | 8/1995 | Mazurek | ..... | D24/224 |
| D380,837 S * | 7/1997 | Pearson | ..... | D24/223 |
| 5,785,044 A * | 7/1998 | Meador | ..... | A61B 10/007 422/547 |
| D404,812 S * | 1/1999 | Cipkowski | ..... | D24/107 |
| 5,916,815 A * | 6/1999 | Lappe | ..... | B01L 3/502 422/408 |
| D414,270 S * | 9/1999 | Escoffier | ..... | D24/216 |
| D414,561 S * | 9/1999 | Escoffier | ..... | D24/224 |
| 5,976,895 A * | 11/1999 | Cipkowski | ..... | A61B 10/007 422/412 |
| D423,110 S * | 4/2000 | Cipkowski | ..... | D24/225 |
| D430,303 S * | 8/2000 | Cipkowski | ..... | D24/226 |
| D431,867 S * | 10/2000 | Maynard | | D24/223 |
| 6,241,689 B1 * | 6/2001 | Chard | | B01L 3/5023 600/584 |

(Continued)

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(57) **CLAIM**

The ornamental design for a detection device for medical purposes, as shown and described.

DESCRIPTION

The file of this patent contains at least one photograph executed in color. Copies of this patent with color photographs will be provided by the Office upon request and payment of the necessary fee.

FIG. 1 is a front elevation view of a detection device for medical purposes showing my new design, the back, left and right elevation views thereof are the same of the front elevation view;

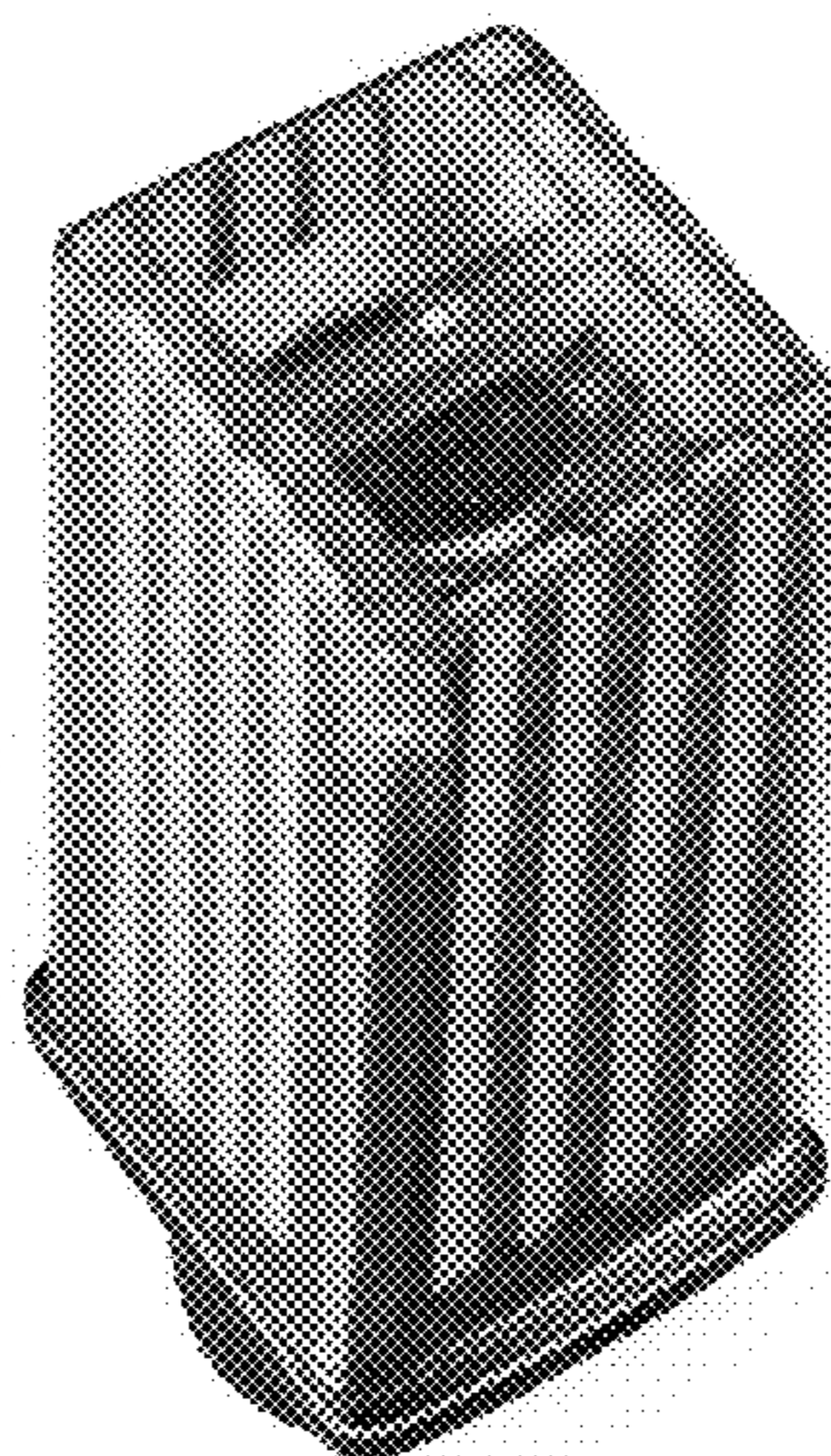
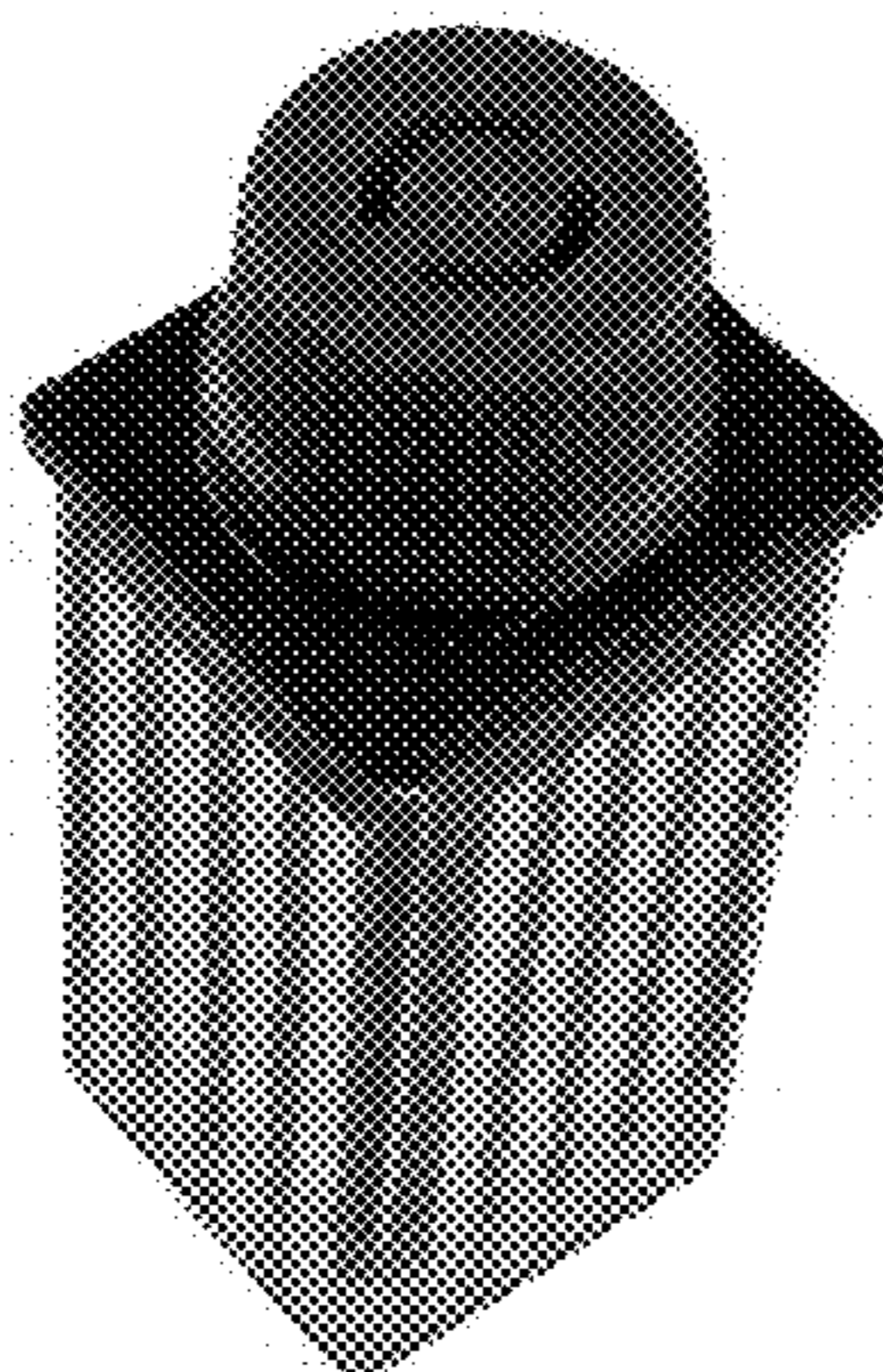
FIG. 2 is a top plan view thereof;

FIG. 3 is a bottom plan view thereof;

FIG. 4 is a top left perspective view thereof; and,

FIG. 5 is a bottom left perspective view thereof.

1 Claim, 5 Drawing Sheets
(5 of 5 Drawing Sheet(s) Filed in Color)



(56)

References Cited

U.S. PATENT DOCUMENTS

6,277,646 B1 * 8/2001 Guirguis A61B 10/007
422/417
6,300,142 B1 * 10/2001 Andrewes B01L 3/502
422/68.1
6,403,383 B1 * 6/2002 Casterlin A61B 10/007
422/412
6,406,922 B2 * 6/2002 Casterlin A61B 10/007
422/537
6,464,939 B1 * 10/2002 Bachand A61B 10/0051
422/411
6,576,193 B1 * 6/2003 Cui B01L 3/502
422/417
6,669,908 B2 * 12/2003 Weyker A61B 10/007
422/412
D497,209 S * 10/2004 Ukon D24/216
6,951,631 B1 * 10/2005 Catt G01N 21/8483
422/404
7,114,403 B2 * 10/2006 Wu A61B 10/0051
73/864.72
7,241,417 B2 * 7/2007 Lee B01L 3/5023
422/408
7,244,392 B1 * 7/2007 Konecke A61B 10/007
422/408
7,282,181 B2 * 10/2007 Hudak A61B 10/0051
422/527

7,300,633 B2 * 11/2007 Hudak B01L 3/502
422/537
7,438,852 B2 * 10/2008 Tung A61B 10/007
422/562
7,517,495 B2 * 4/2009 Wu A61B 10/0045
422/550
7,544,324 B2 * 6/2009 Tung A61B 10/0045
422/504
7,550,112 B2 * 6/2009 Gou A61B 10/007
422/562
7,560,272 B2 * 7/2009 Ramsey A61B 10/007
422/537
7,758,815 B2 * 7/2010 Hartselle A61B 10/0096
422/68.1
D706,945 S * 6/2014 Chan D24/216
D711,541 S * 8/2014 Hafellner D24/169
8,813,954 B2 * 8/2014 Newby B01L 3/502
206/219
8,871,155 B2 * 10/2014 Wu B01L 3/5023
422/400
D722,703 S * 2/2015 Fuller D24/223
2002/0031845 A1 * 3/2002 Cipkowski A61B 10/007
436/518
2002/0132267 A1 * 9/2002 Wong G01N 21/8483
435/7.1
2008/0033319 A1 * 2/2008 Kloepfer A61B 5/1411
600/583

* cited by examiner

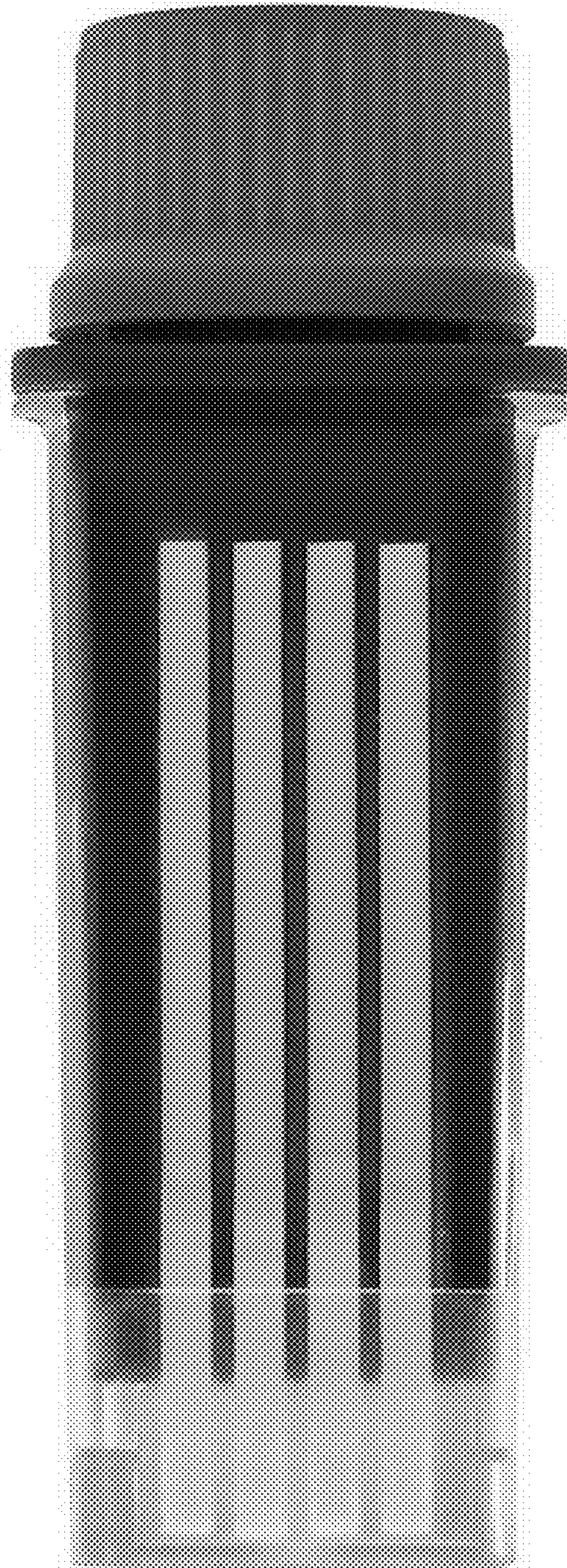


FIG.1

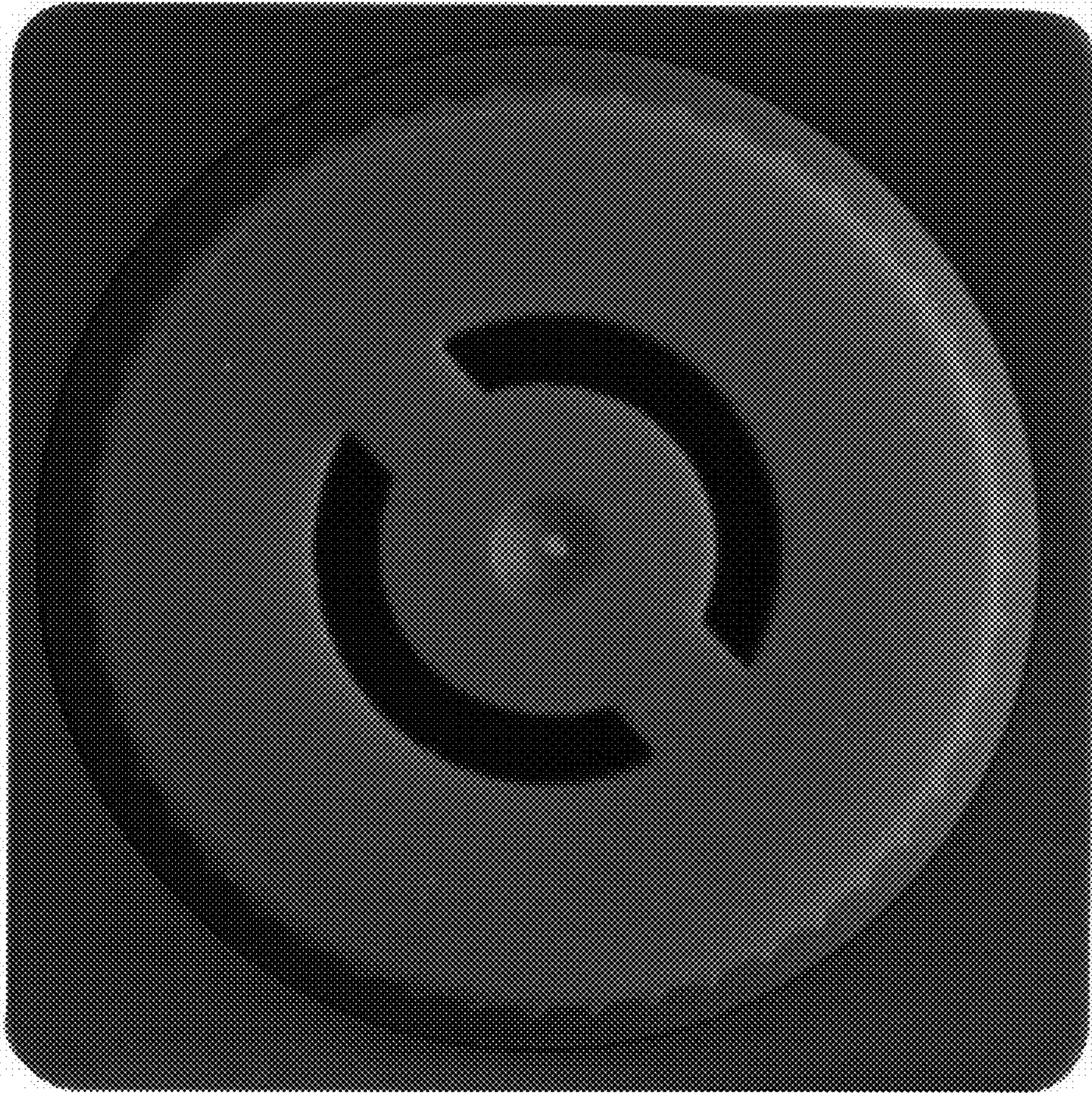


FIG. 2

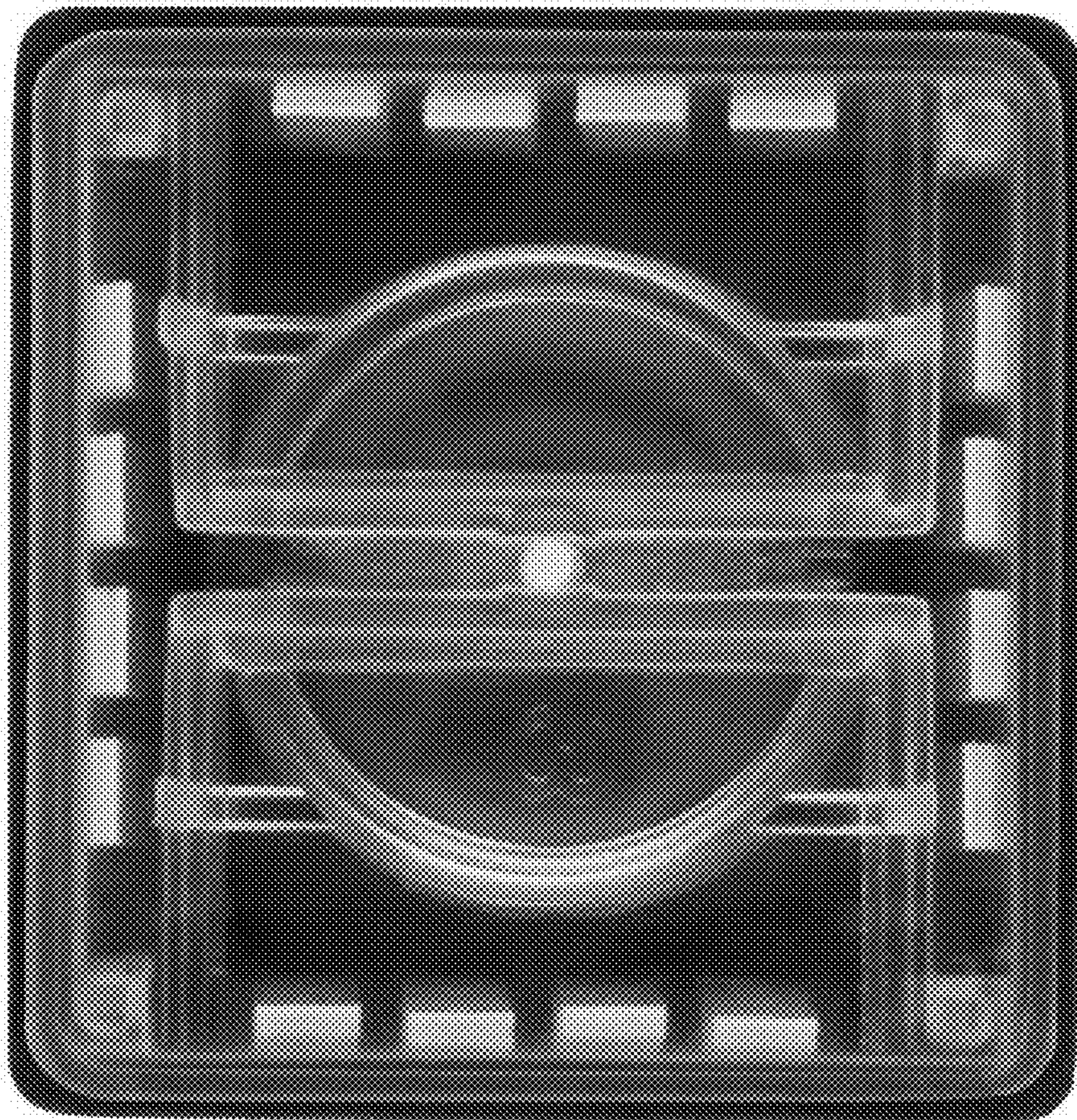


FIG. 3



FIG. 4



FIG. 5