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(12) **United States Design Patent** (10) **Patent No.:** **US D888,913 S**
Ling et al. (45) **Date of Patent:** **** Jun. 30, 2020**

(54) **AIR HUMIDIFIER**

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

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(80) **Hague Agreement Data**

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(30) **Foreign Application Priority Data**

May 15, 2018 (CN) 2018 3 0221265
(51) **LOC (12) Cl.** **23-04**
(52) **U.S. Cl.**
USPC **D23/333**
(58) **Field of Classification Search**
USPC D23/355–366, 369, 332, 352, 333, 335,
D23/336, 342, 351

(Continued)

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Primary Examiner — Khawaja Anwar

(74) *Attorney, Agent, or Firm* — W&K IP

(57) **CLAIM**

The ornamental design for an air humidifier, as shown and described.

DESCRIPTION

The patent or application file contains at least one drawing executed in color. Copies of this patent or patent application publication with color drawing(s) will be provided by the Office upon request and payment of the necessary fee.

FIG. 1.1 is a perspective view of first embodiment of an air humidifier showing my new design;

FIG. 1.2 is a front view thereof;

FIG. 1.3 is a back view thereof;

FIG. 1.4 is a left side view thereof;

FIG. 1.5 is a right side view thereof;

FIG. 1.6 is atop plan view thereof;

FIG. 1.7 is a bottom plan view thereof;

FIG. 2.1 is a perspective view of second embodiment of an air humidifier showing my new design;

FIG. 2.2 is a front view thereof;

FIG. 2.3 is a back view thereof;

(Continued)

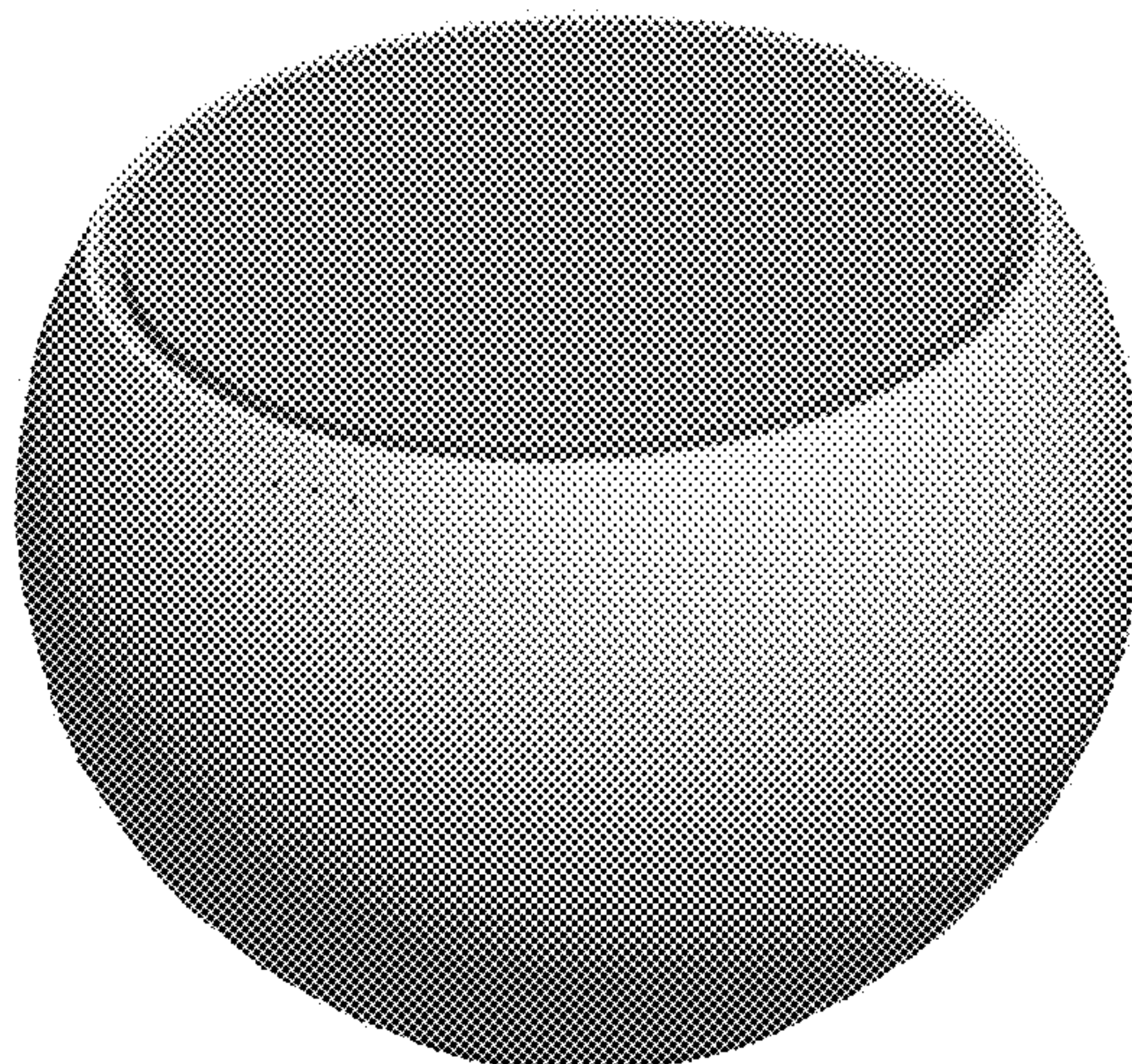


FIG. 2.4 is a left side view thereof;
FIG. 2.5 is a right side view thereof;
FIG. 2.6 is a top plan view thereof;
FIG. 2.7 is a bottom plan view thereof;
FIG. 3.1 is a perspective view of third embodiment of an air humidifier showing my new design;
FIG. 3.2 is a front view thereof;
FIG. 3.3 is a back view thereof;
FIG. 3.4 is a left side view thereof;
FIG. 3.5 is a right side view thereof;
FIG. 3.6 is a top plan view thereof; and
FIG. 3.7 is a bottom plan view thereof.

1 Claim, 21 Drawing Sheets
(21 of 21 Drawing Sheet(s) Filed in Color)

(58) **Field of Classification Search**
CPC .. F24F 11/30; F24F 11/46; F24F 11/56; F24F 11/52; F24F 2110/00; F24F 11/58; F24F 11/62; F24F 2110/10; F24F 2140/60; F24F 11/61; F24F 11/63; F24F 2120/10; F24F 2120/20; F24F 11/83; F24F 11/89; F24F 2110/12; F24F 11/0001; F24F 11/32; F24F 11/39; F24F 11/47; F24F 11/523; F24F 11/64; F24F 11/81; F24F 11/85; F24F 13/04; F24F 13/065; F24F

1/0003; F24F 1/0014; F24F 1/0033; F24F 1/0035; F24F 1/005; F24F 1/38; F24F 2003/0446; F24F 2003/144; F24F 2003/1617; F24F 2006/006; F24F 2006/065; F24F 2011/0002; F24F 2110/20; F24F 2110/50; F24F 2120/12; F24F 2130/00; F24F 2130/10; F24F 2130/40; F24F 2140/10; F24F 2140/40; F24F 2221/32; F24F 3/001; F24F 3/044; F24F 3/14; F24F 3/1417; F24F 3/1603; F24F 5/001; F24F 6/06; F24F 6/10; F24F 6/12; F24F 6/16

See application file for complete search history.

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* cited by examiner



FIG. 1.1



FIG. 1.2



FIG. 1.3



FIG. 1.4



FIG. 1.5

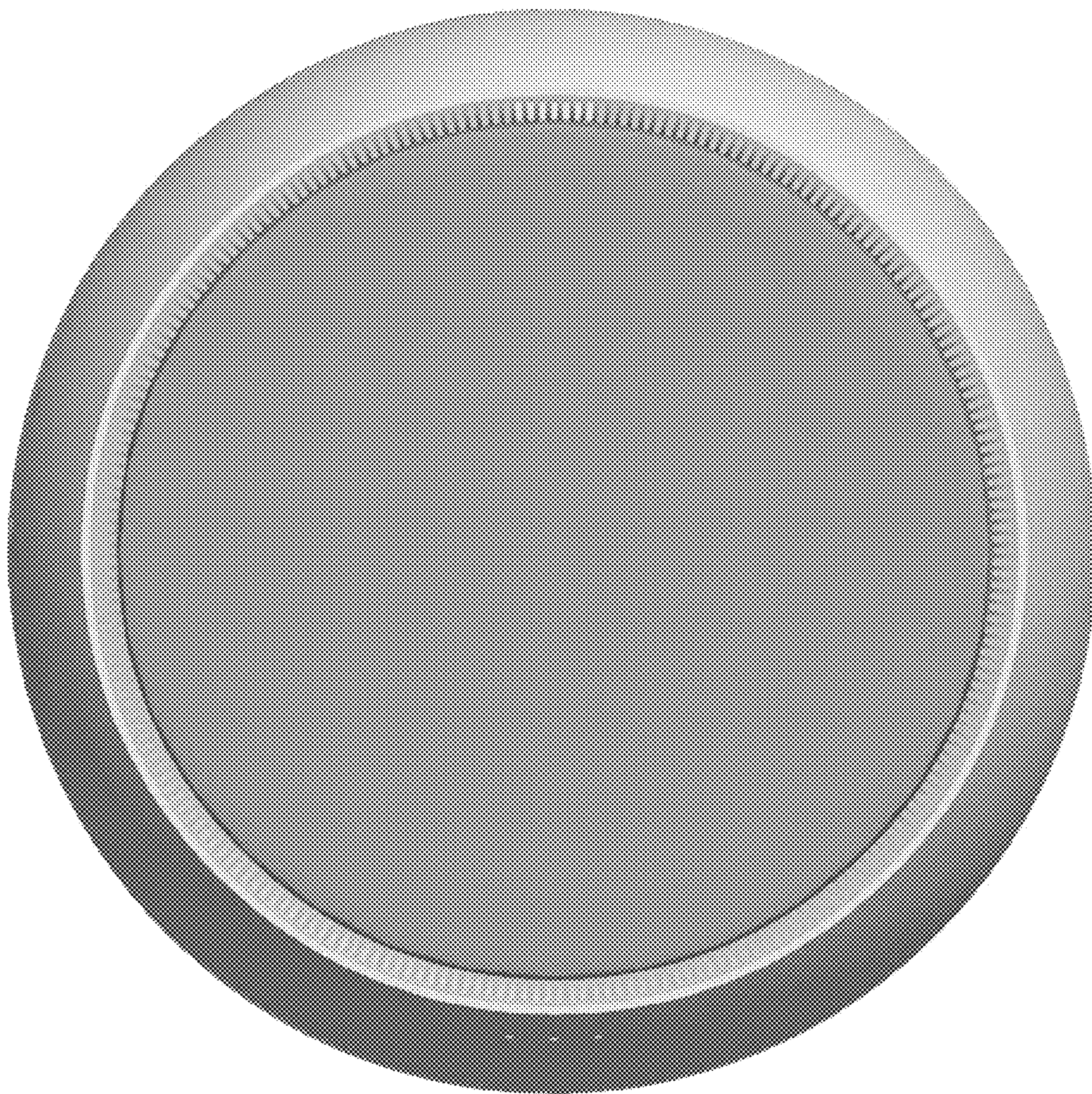


FIG. 1.6

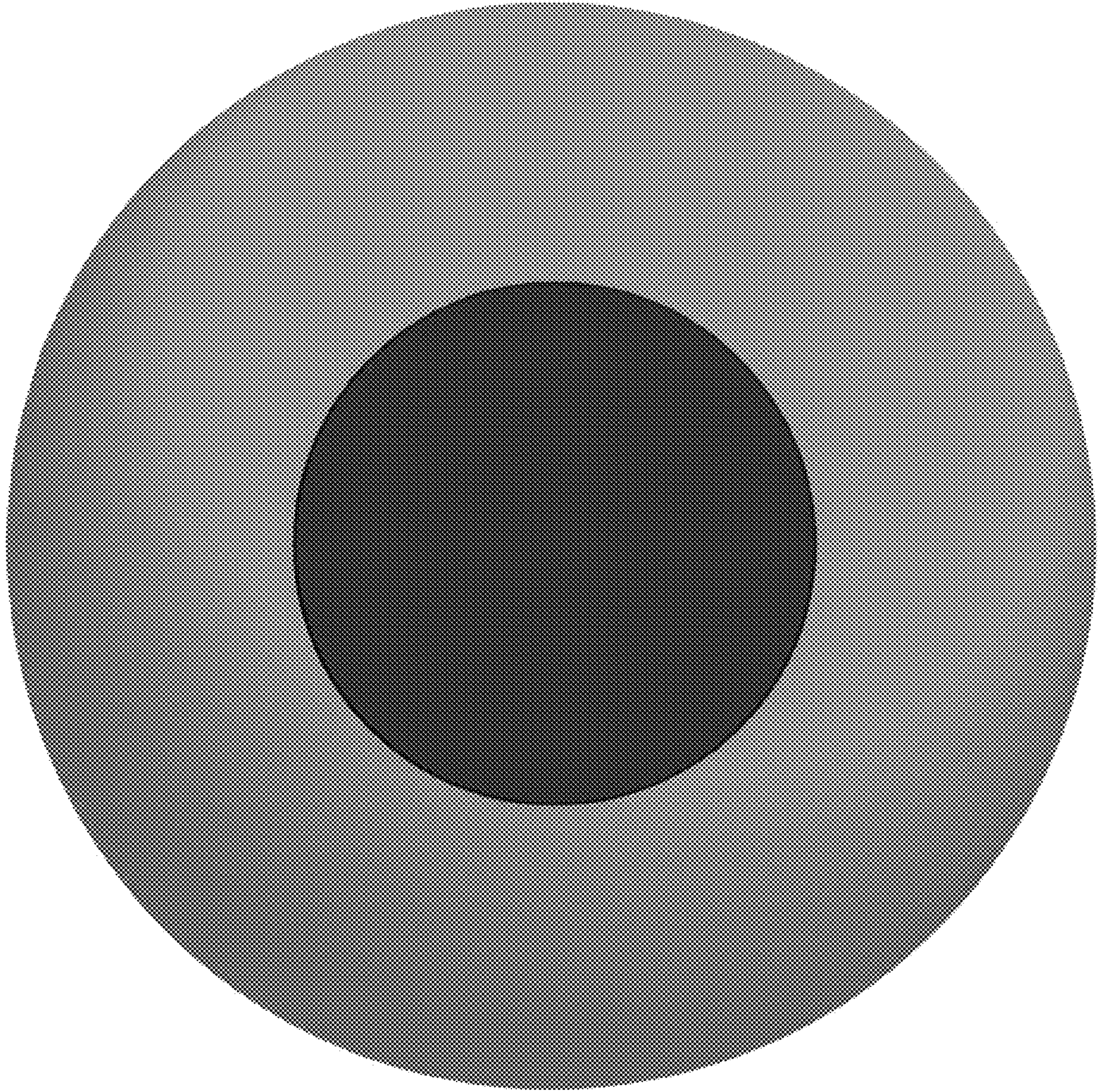


FIG. 1.7

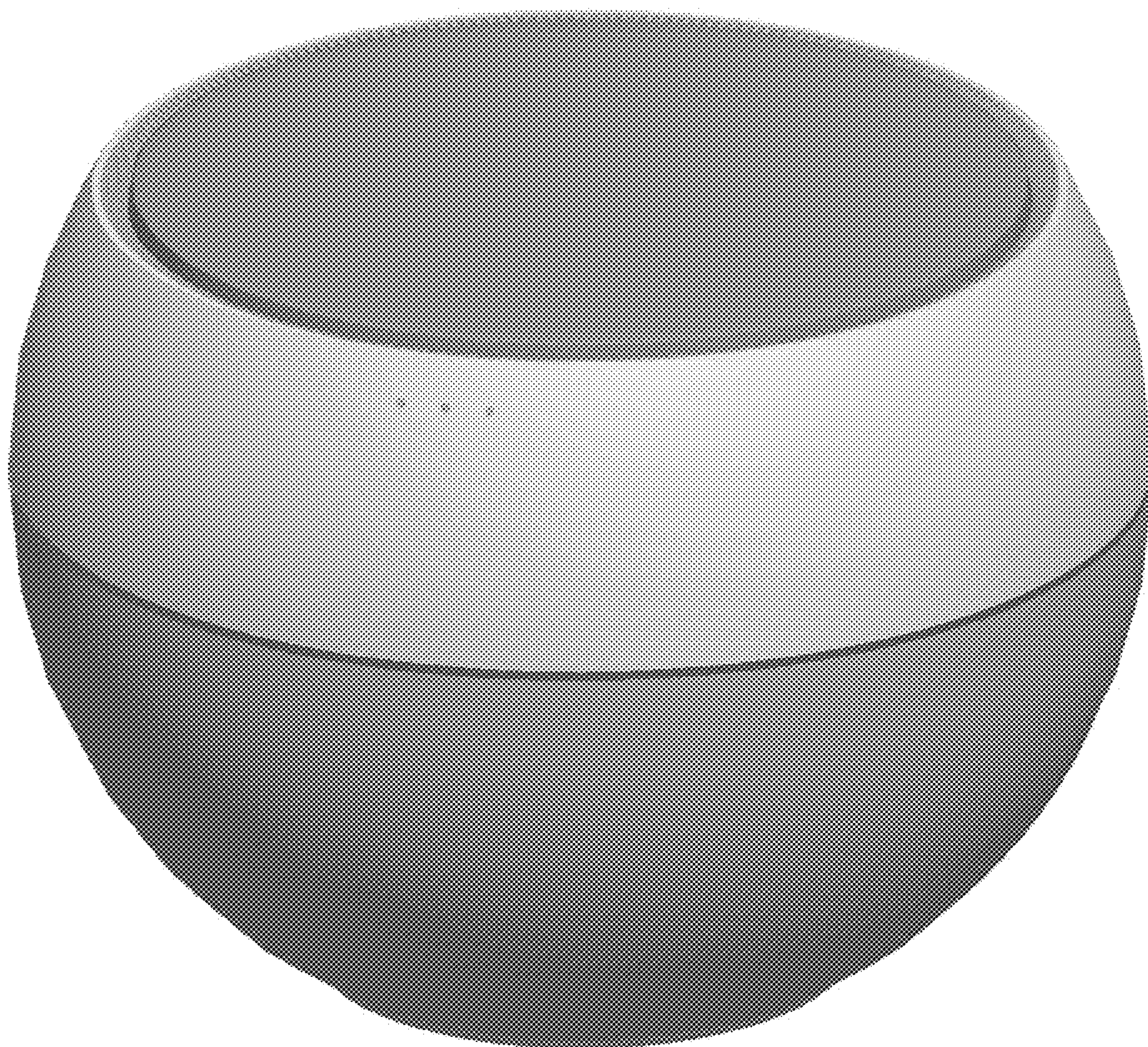


FIG. 2.1

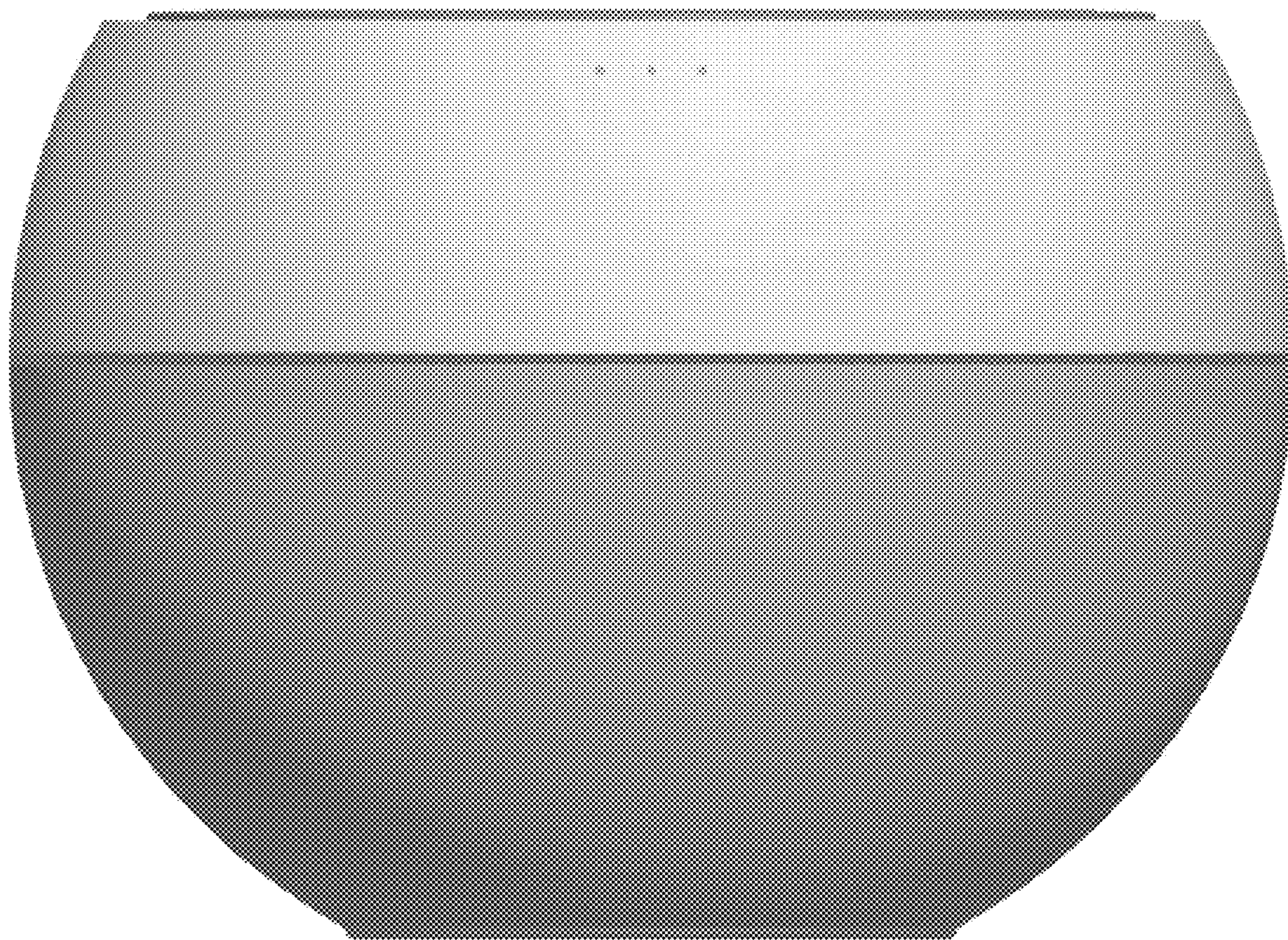


FIG. 2.2

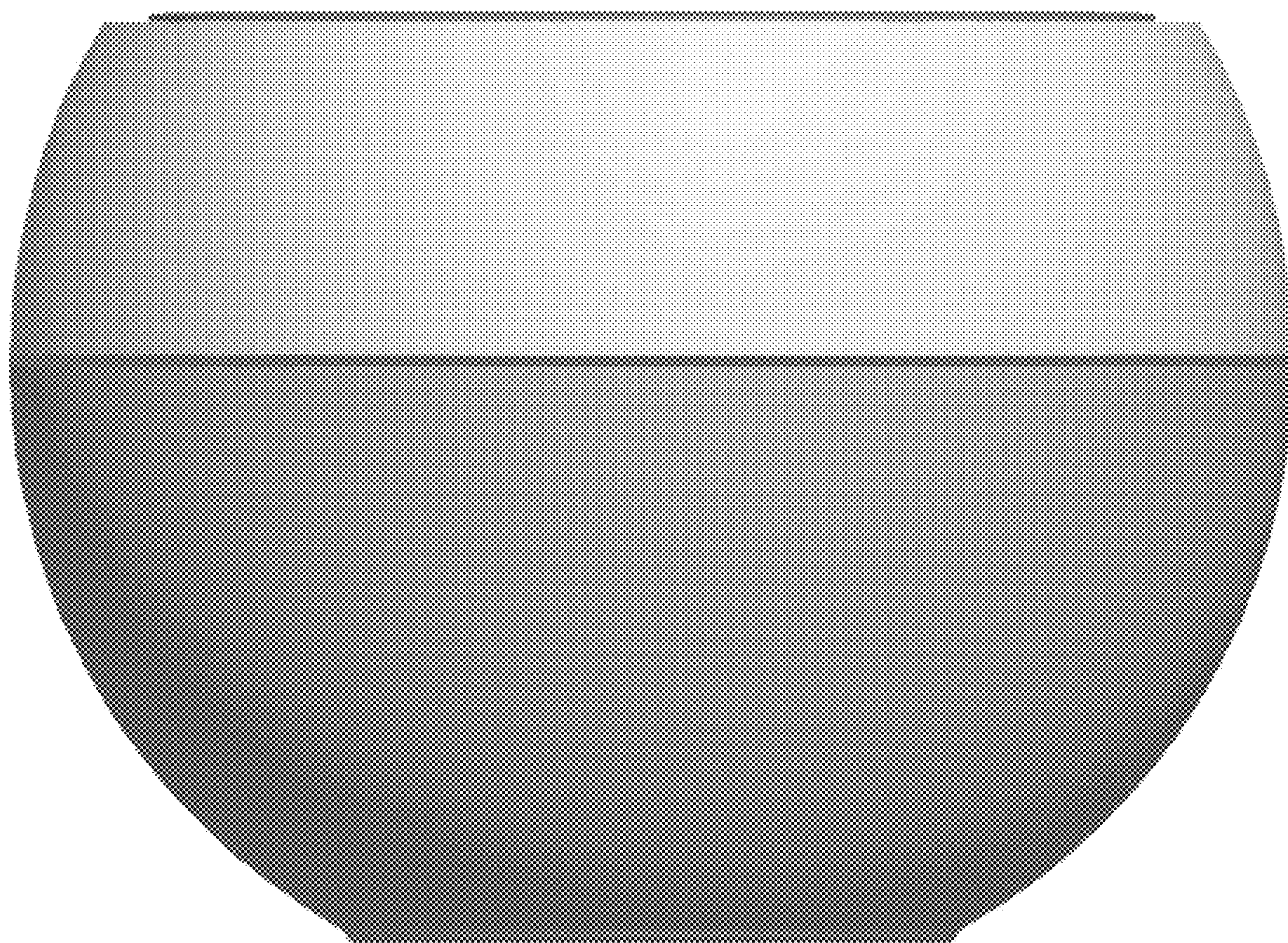


FIG. 2.3

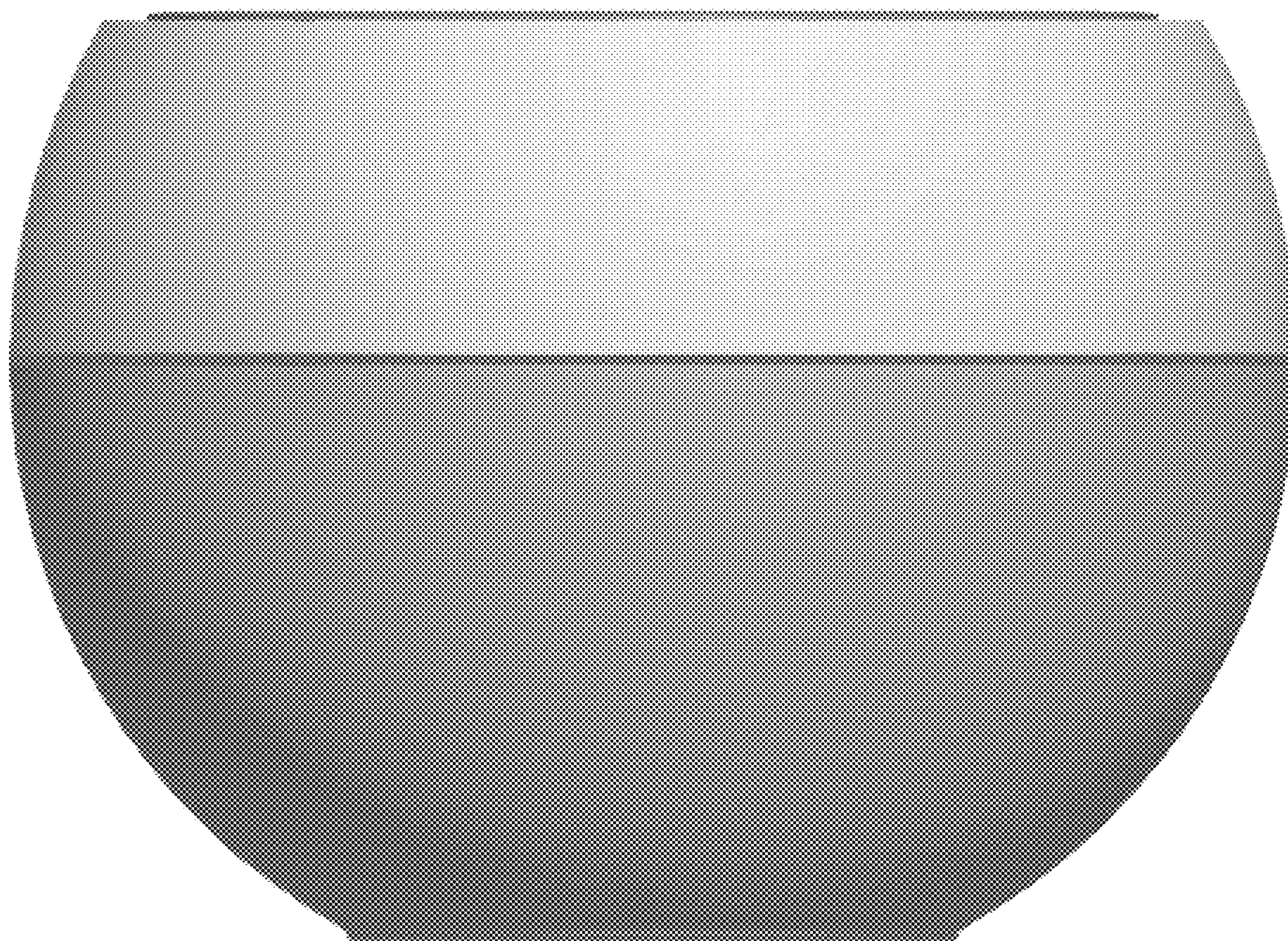


FIG. 2.4

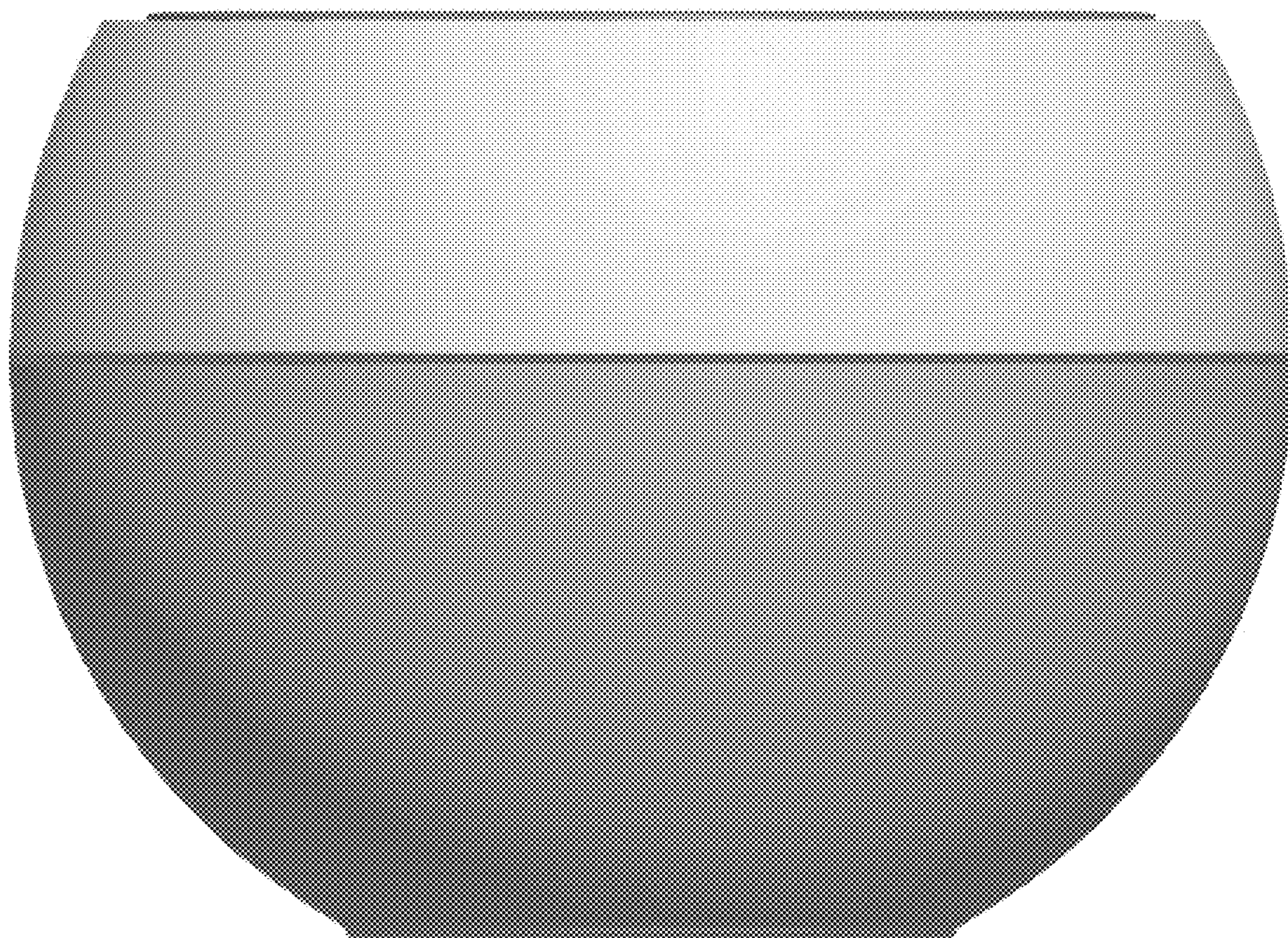


FIG. 2.5

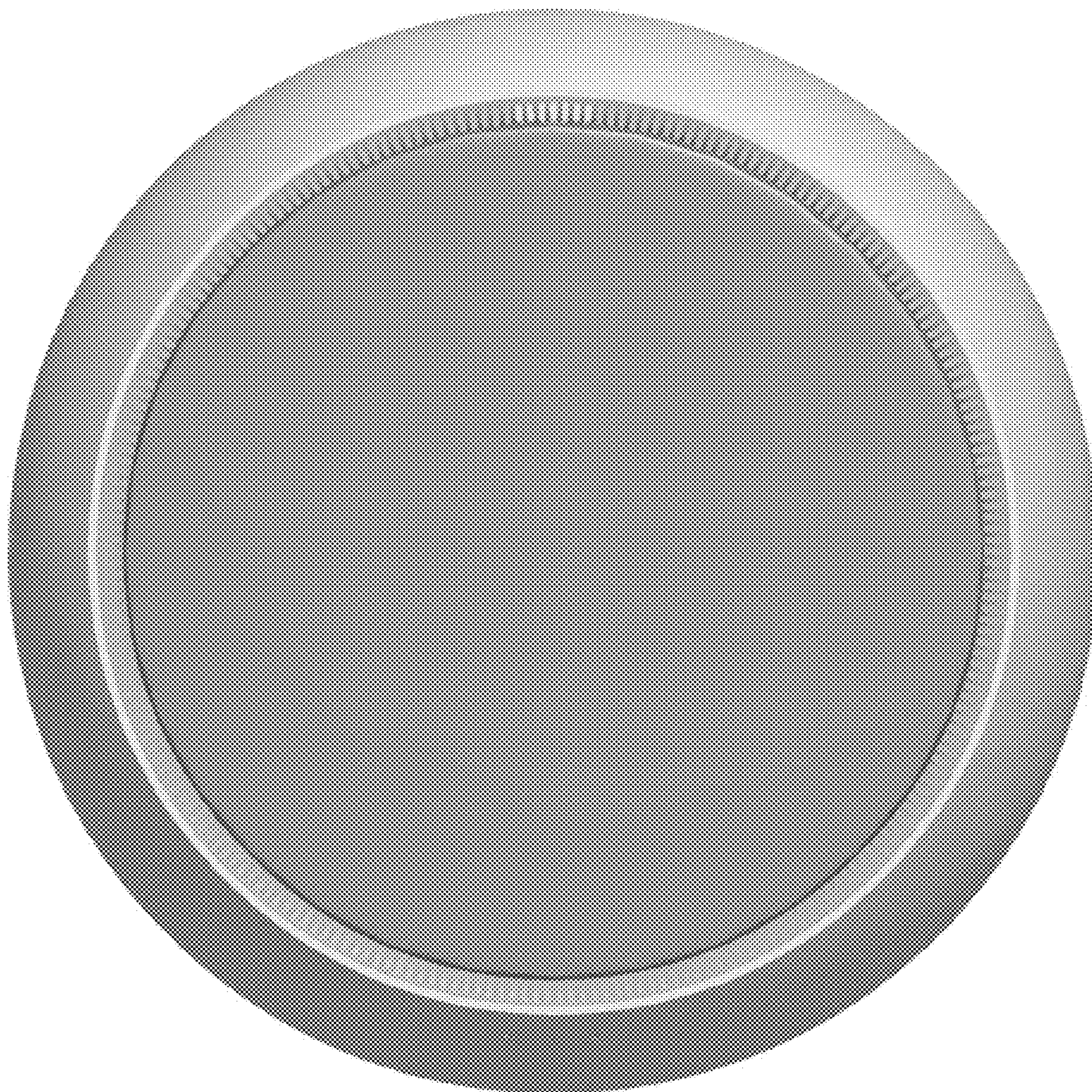


FIG. 2.6

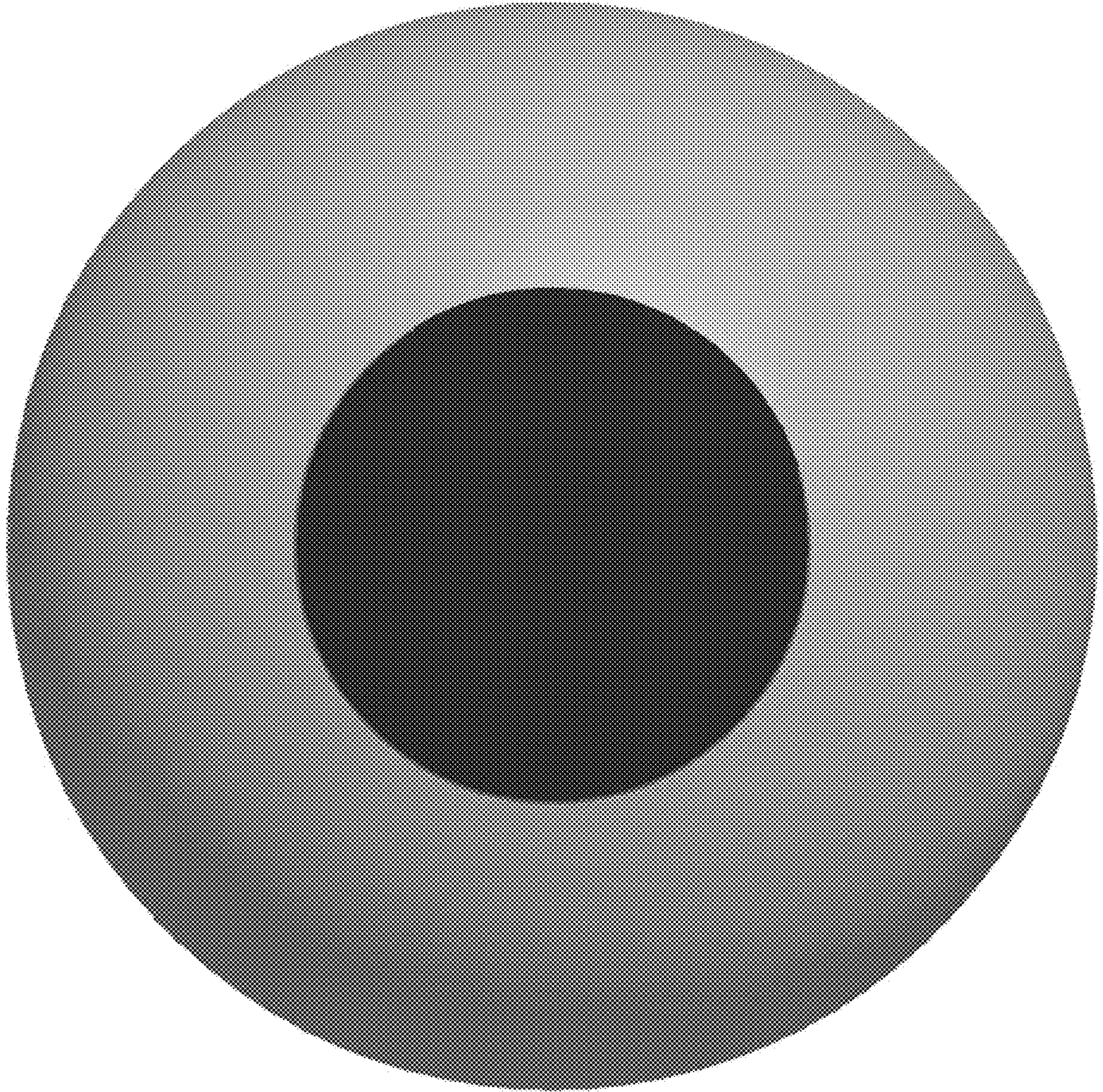


FIG. 2.7



FIG. 3.1



FIG. 3.2

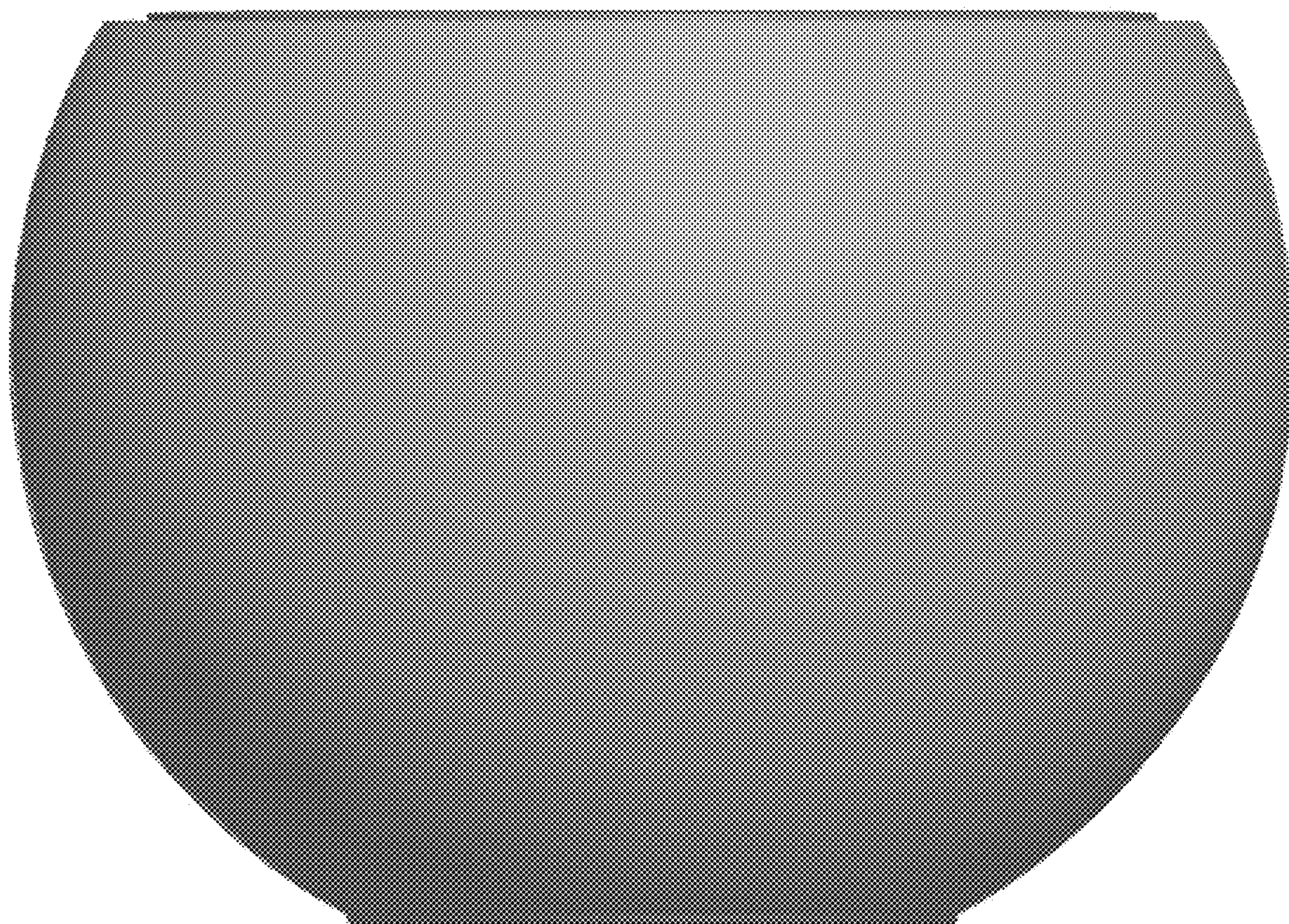


FIG. 3.3

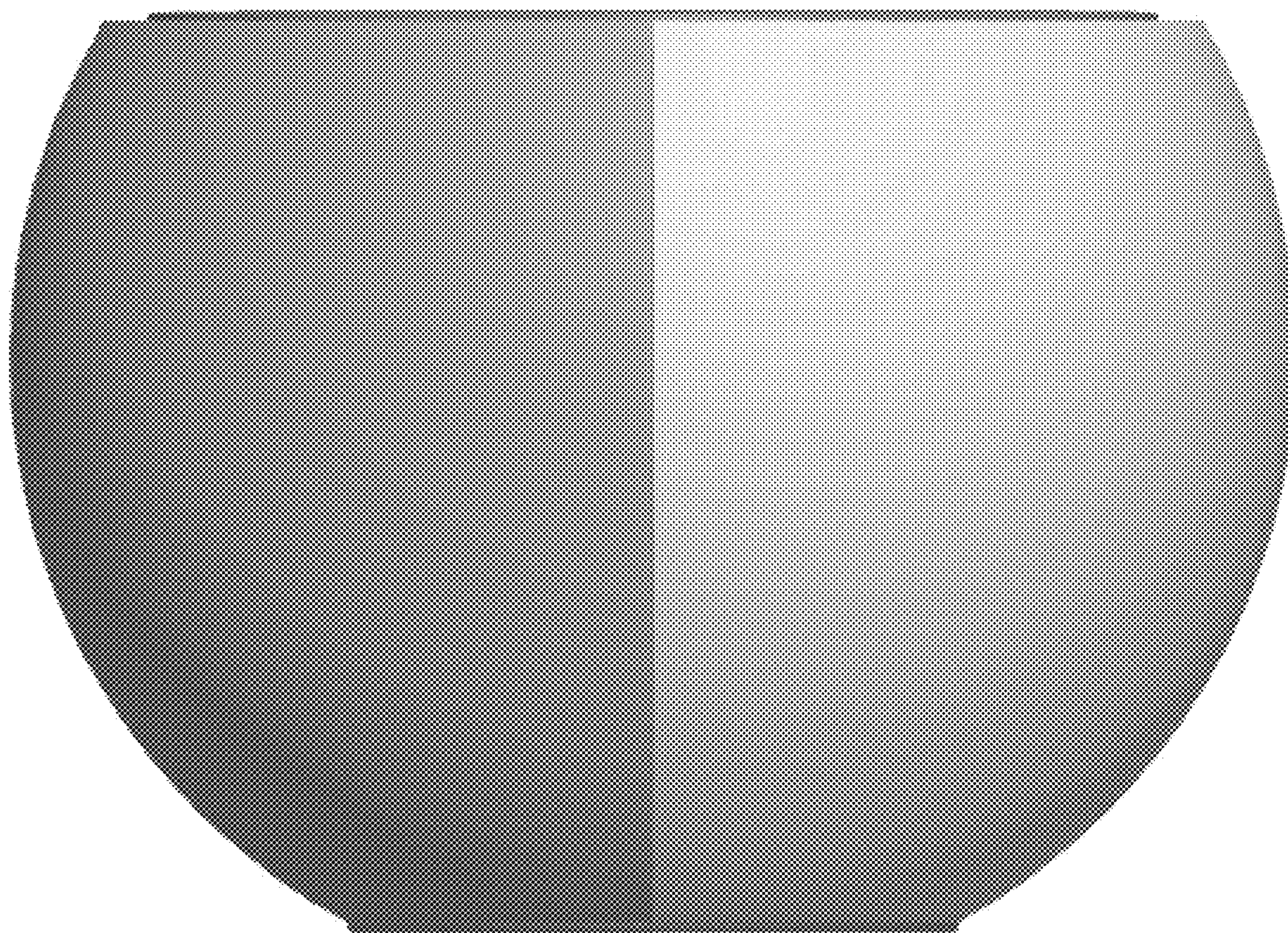


FIG. 3.4

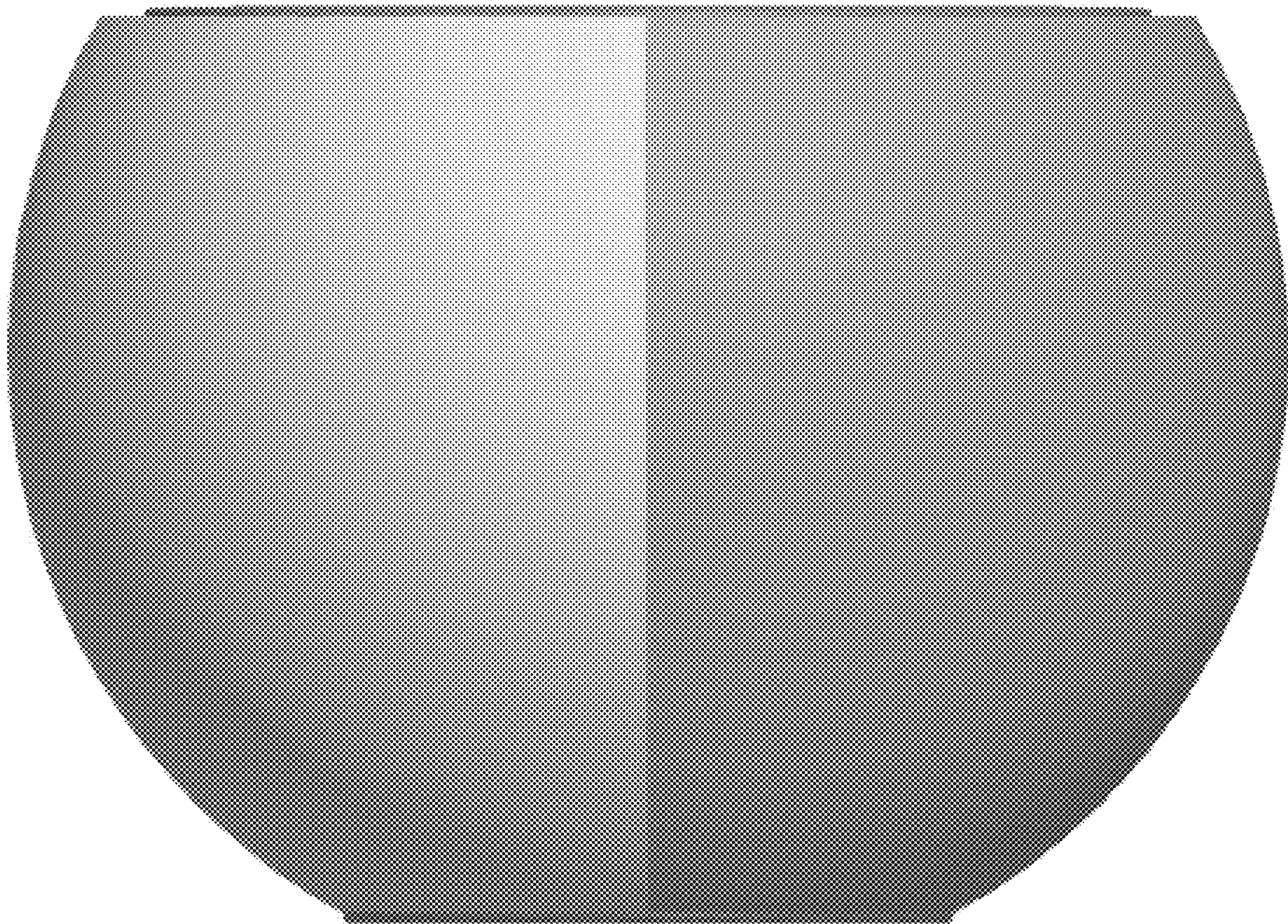


FIG.3.5

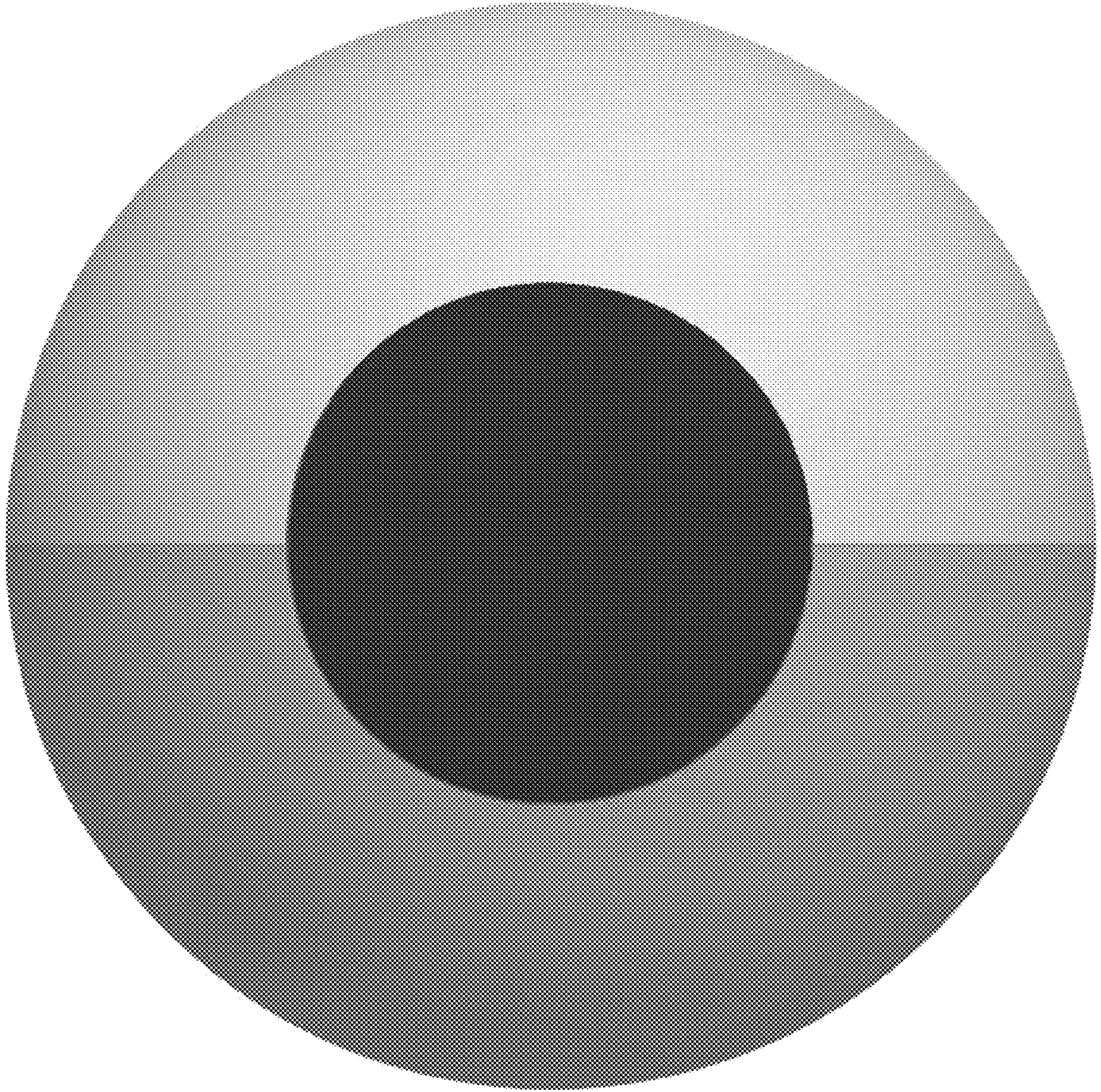


FIG. 3.6

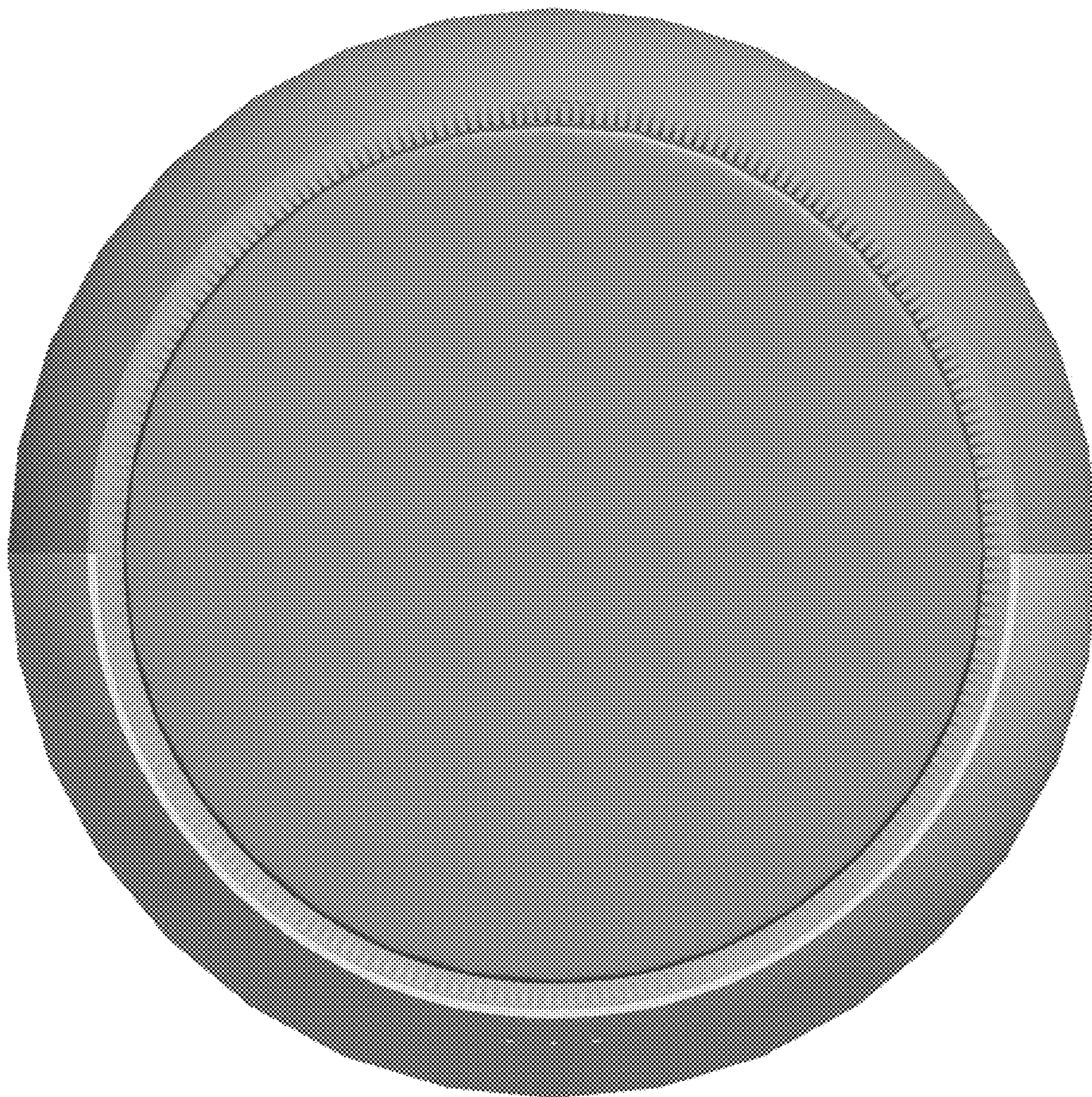


FIG. 3.7