

US00D961080S

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

(10) **Patent No.:** **US D961,080 S**
(45) **Date of Patent:** **** Aug. 16, 2022**

(54) **BONE VOID FILLER ARTICLE**

- (71) Applicant: **DSM IP ASSETS B.V.**, Heerlen (NL)
- (72) Inventors: **Nicholas Roscioli**, Columbia, MD (US);
Julia Innamorato, Columbia, MD (US);
James Kolb, Columbia, MD (US);
Rachel Dichter, Columbia, MD (US);
Damian Heinz, Columbia, MD (US)
- (73) Assignee: **DSM IP ASSETS B.V.**, Heerlen (NL)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/756,896**
- (22) Filed: **Oct. 30, 2020**
- (51) **LOC (13) Cl.** **24-03**
- (52) **U.S. Cl.**
USPC **D24/155**
- (58) **Field of Classification Search**
USPC **D24/155**

(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

- D625,821 S * 10/2010 Goncalves D24/155
- 8,231,632 B1 * 7/2012 Jordan A61B 17/8816
606/92

(Continued)

Primary Examiner — Charles D Hanson

(74) *Attorney, Agent, or Firm* — Nixon & Vanderhye P.C.

(57) **CLAIM**

The ornamental designs for a “bone void filler article,” as shown and described.

DESCRIPTION

FIGS. 1-8 depict a first embodiment of a bone void filler article which includes our new original design therefore, where

FIG. 1 is a top perspective view thereof;
 FIGS. 2-3 are right and left side elevational views thereof, respectively;
 FIGS. 4-5 are front and rear side elevational views thereof, respectively;
 FIG. 6 is a top plan view thereof;
 FIG. 7 is a bottom plan view thereof; and
 FIG. 8 is a cross-sectional view thereof as taken along line 8-8 in FIG. 6; and wherein
 FIGS. 9-16 depict a second embodiment of a bone void filler article which includes our new original design therefore, where
 FIG. 9 is a top perspective view thereof;
 FIGS. 10-11 are right and left side elevational views thereof, respectively;
 FIGS. 12-13 are front and rear side elevational views thereof, respectively;
 FIG. 14 is a top plan view thereof;
 FIG. 15 is a bottom plan view thereof; and
 FIG. 16 is a cross-sectional view thereof as taken along line 16-16 in FIG. 14.
 FIGS. 17-24 depict a third embodiment of a bone void filler article which includes our new original design therefore, where
 FIG. 17 is a top perspective view thereof;
 FIGS. 18-19 are right and left side elevational views thereof, respectively;
 FIGS. 20-21 are front and rear side elevational views thereof, respectively;
 FIG. 22 is a top plan view thereof;
 FIG. 23 is a bottom plan view thereof; and
 FIG. 24 is a cross-sectional view thereof as taken along line 24-24 in FIG. 22; and wherein
 FIGS. 25-32 depict a fourth embodiment of a bone void filler article which includes our new original design therefore, where
 FIG. 25 is a top perspective view thereof;
 FIGS. 26-27 are right and left side elevational views thereof, respectively;
 FIGS. 28-29 are front and rear side elevational views thereof, respectively;
 FIG. 30 is a top plan view thereof;
 FIG. 31 is a bottom plan view thereof; and,

(Continued)

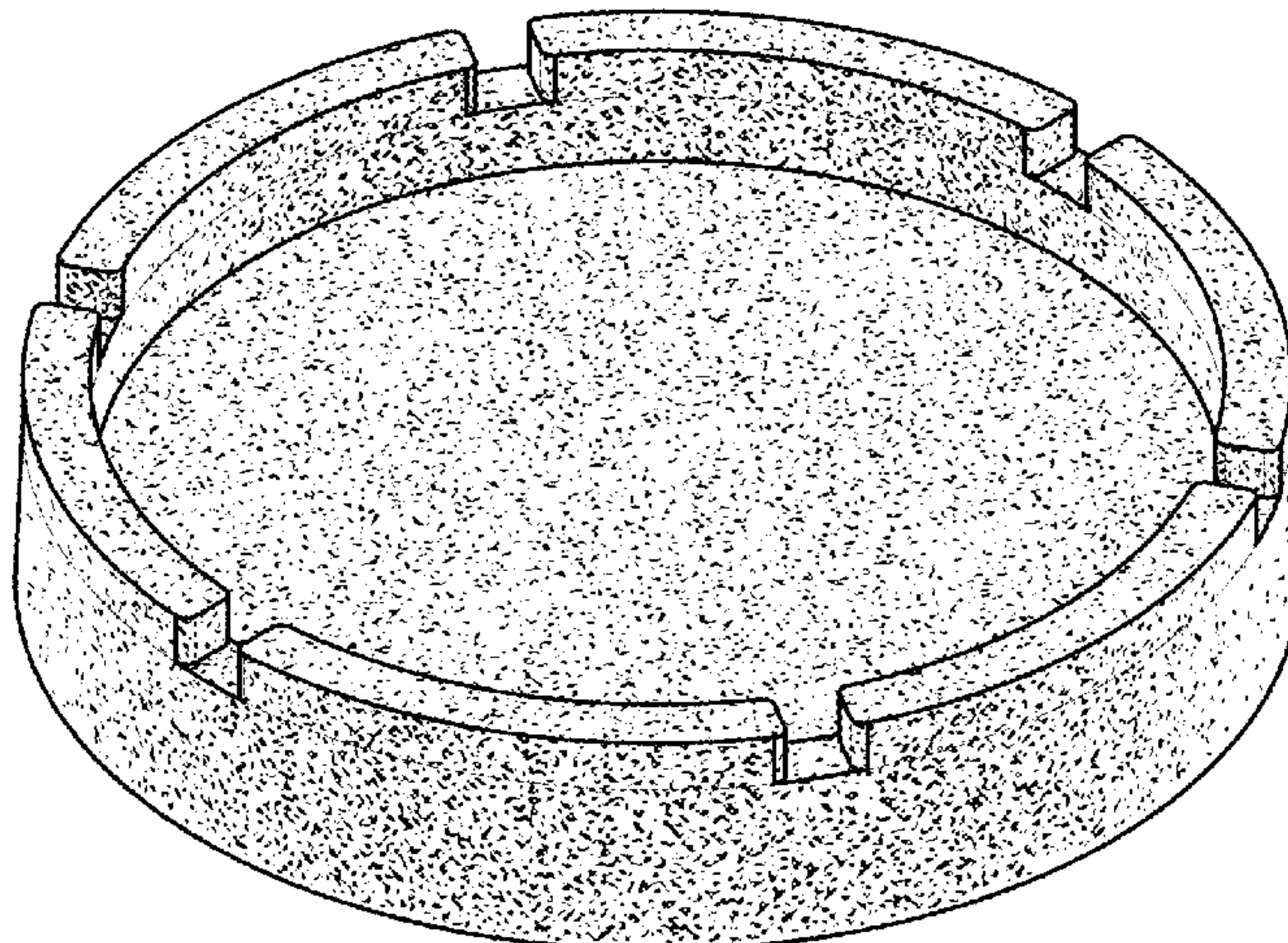


FIG. 32 is a cross-sectional view thereof as taken along line 32-32 in FIG. 30.

1 Claim, 18 Drawing Sheets

(58) **Field of Classification Search**

CPC A61B 17/8061; A61B 17/7059; A61B 17/8052; A61B 17/8605; A61B 17/8085; A61B 17/809; A61B 17/8014; A61B 17/8033; A61B 17/8004; A61B 17/888; A61B 17/842; A61B 17/8023; A61B 17/8009; A61B 17/86; A61B 17/1739; A61B 17/8066; A61B 17/1671; A61B 17/1757; A61B 17/8071; A61B 17/176

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D773,047 S * 11/2016 Goncalves D24/156
2003/0060892 A1* 3/2003 Richter A61L 27/12
106/35

* cited by examiner

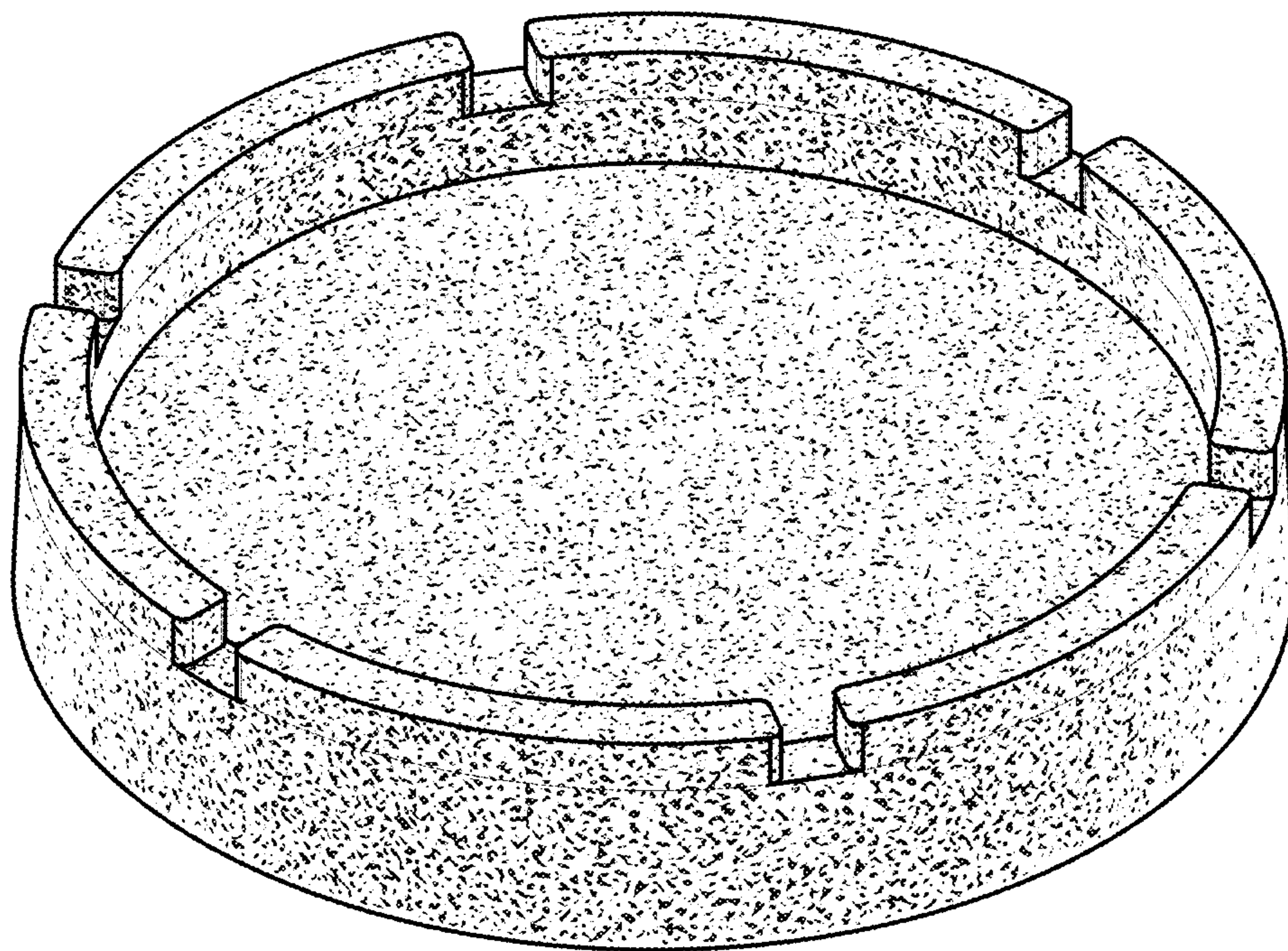


FIG. 1

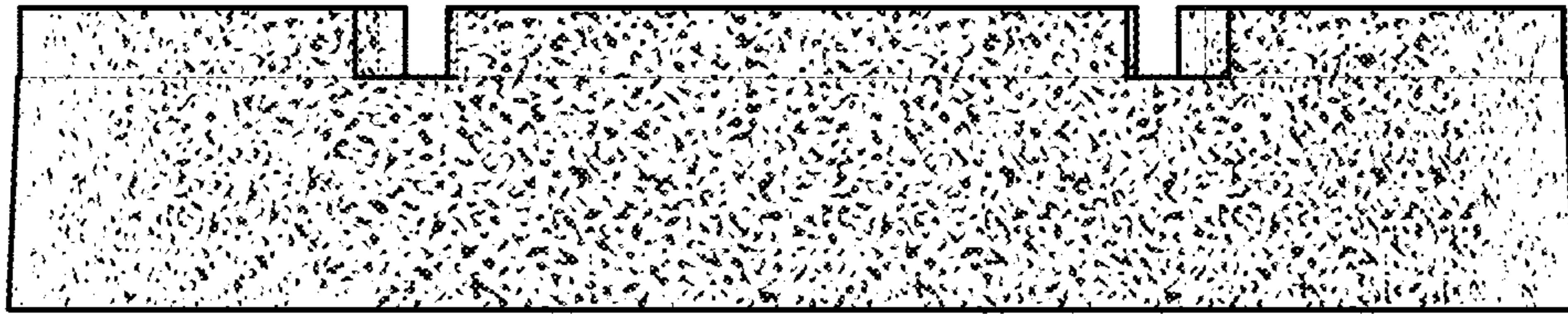


FIG. 2

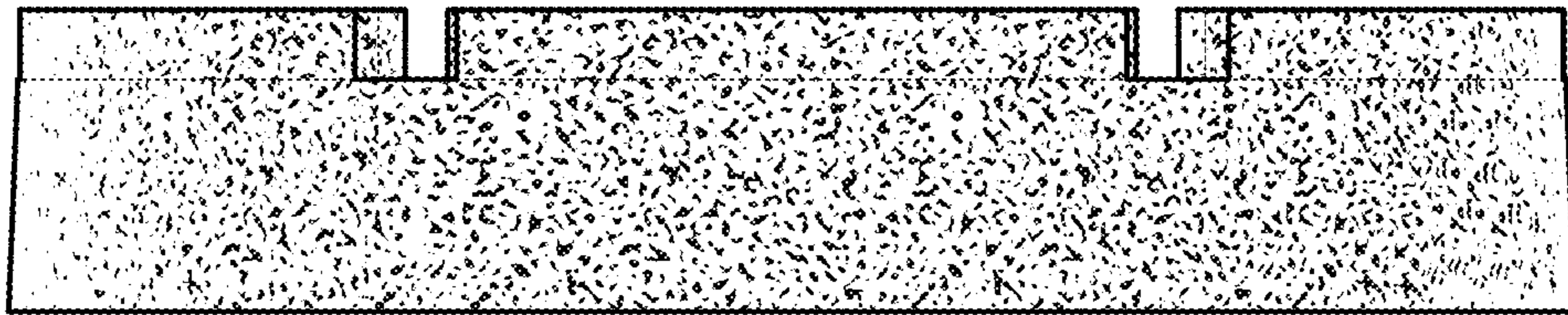


FIG. 3

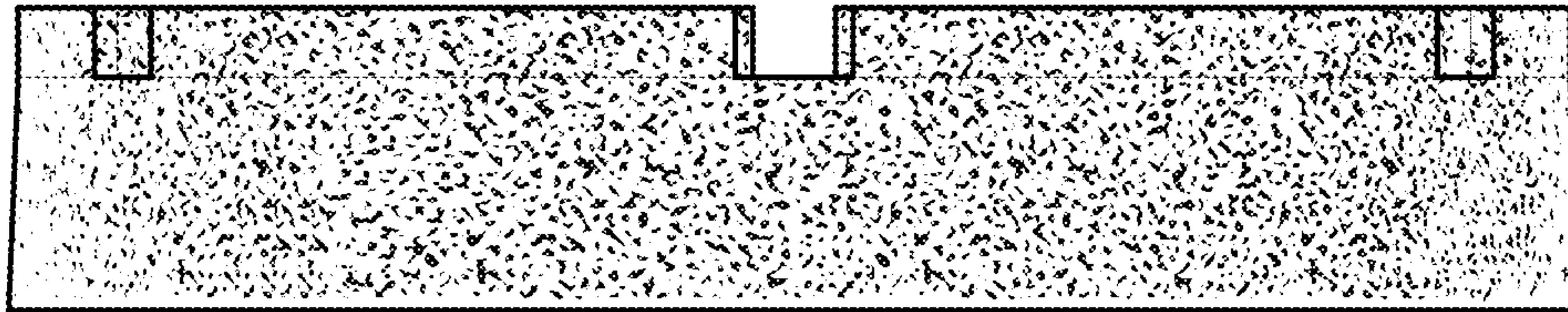


FIG. 4

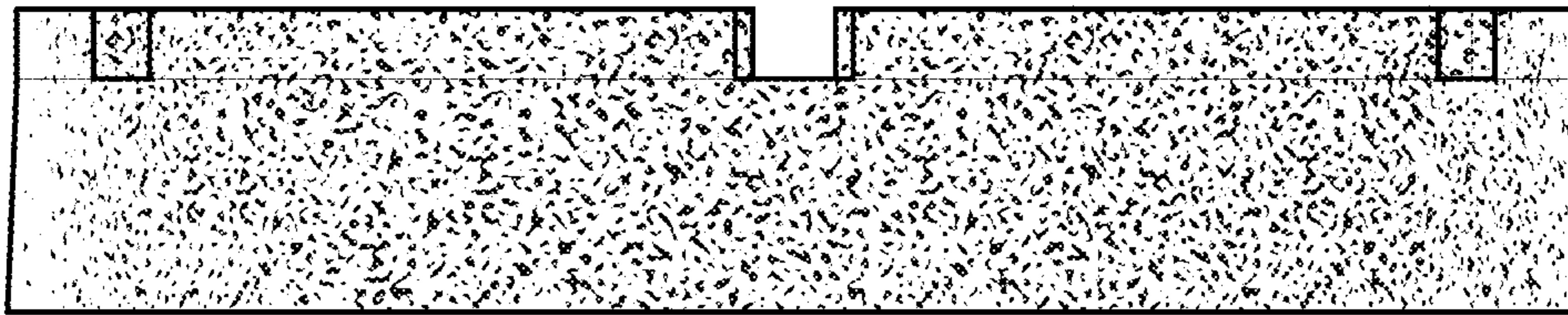


FIG. 5

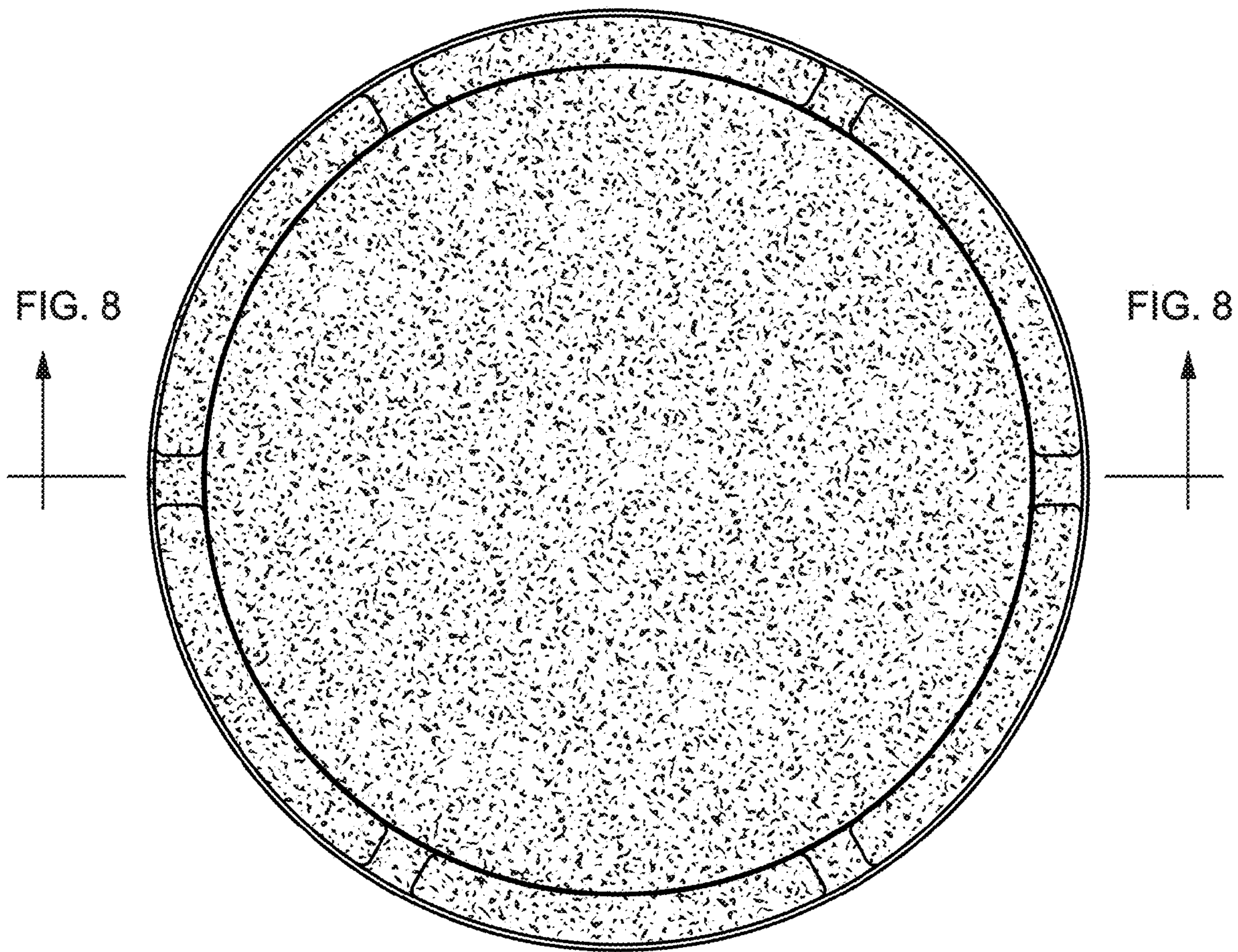


FIG. 6

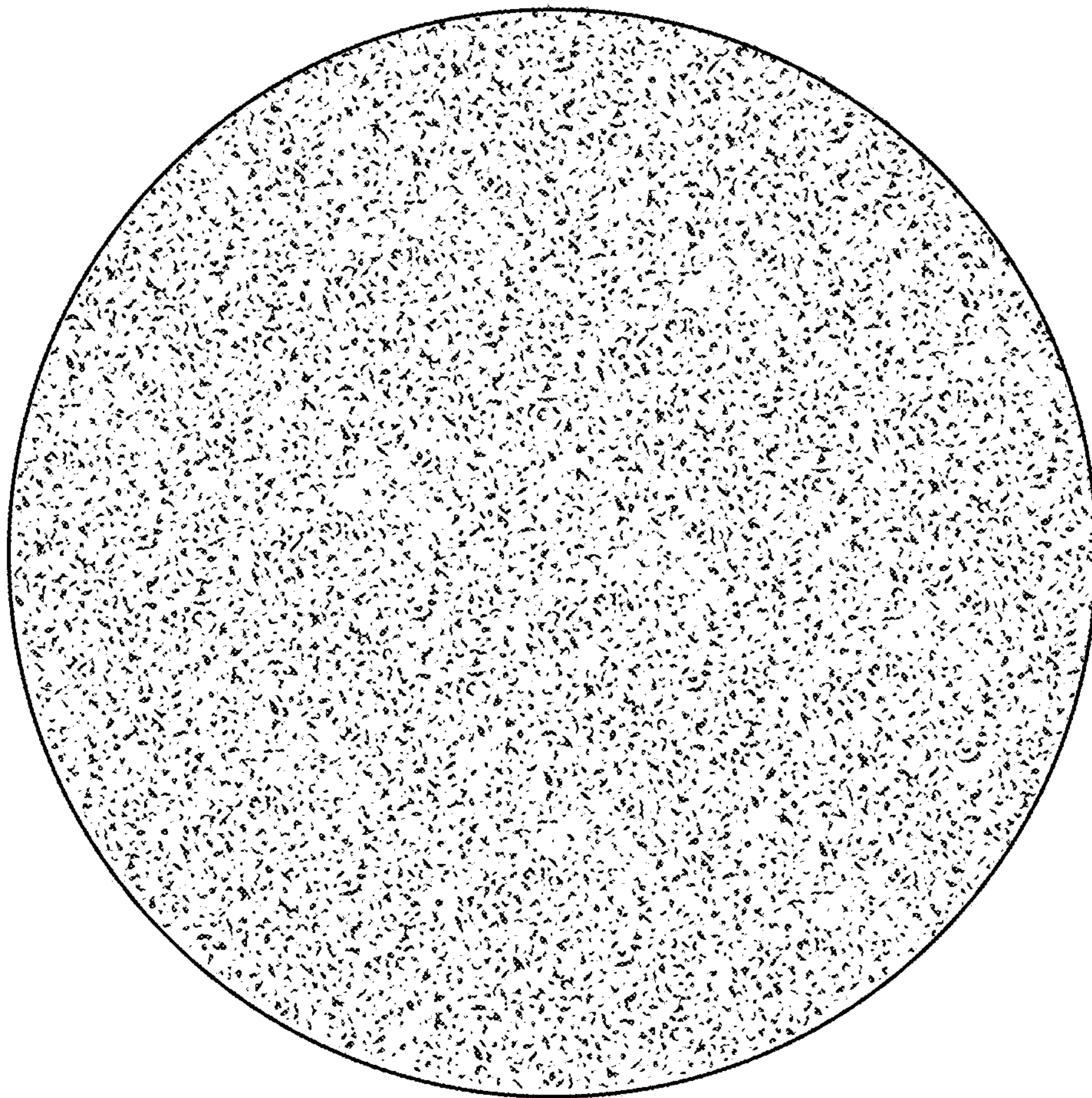


FIG. 7

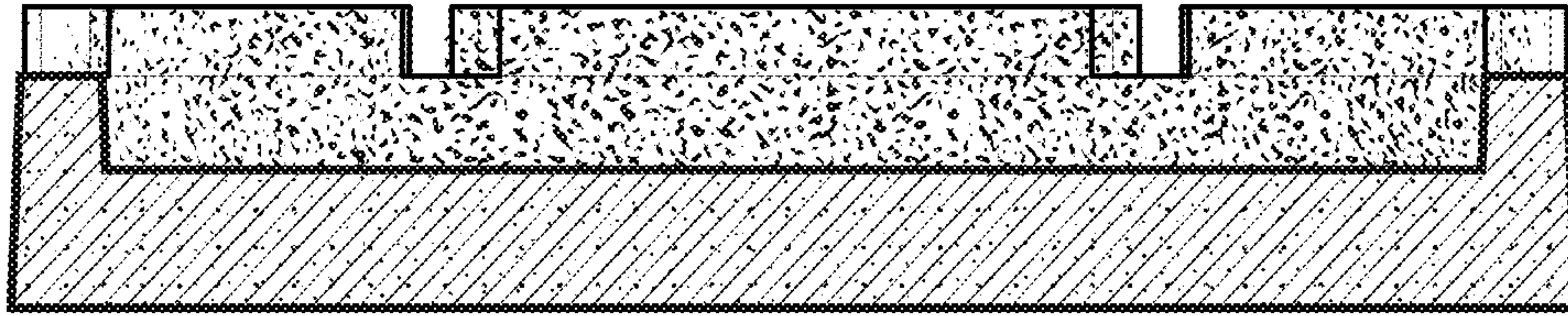


FIG. 8

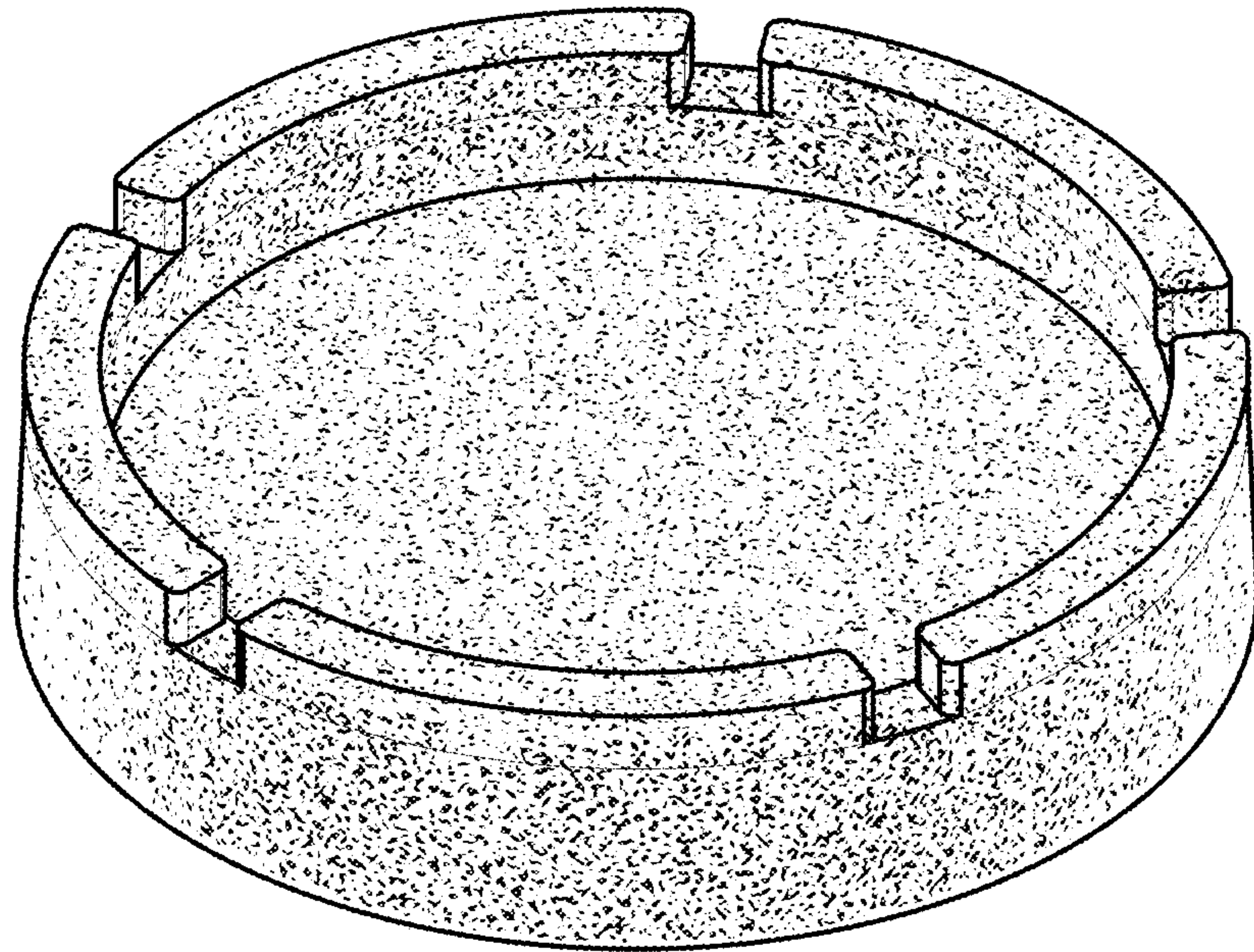


FIG. 9

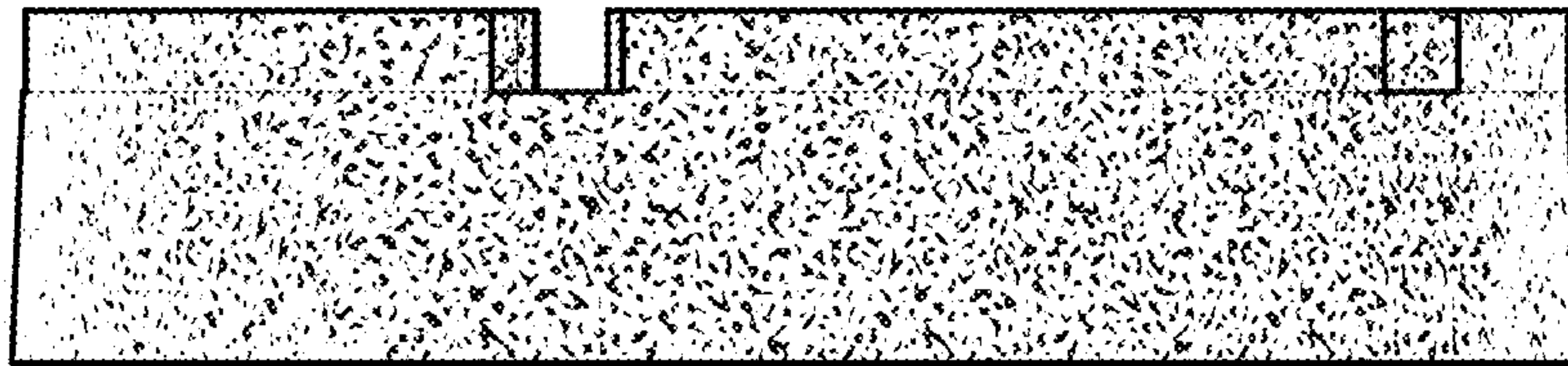


FIG. 10

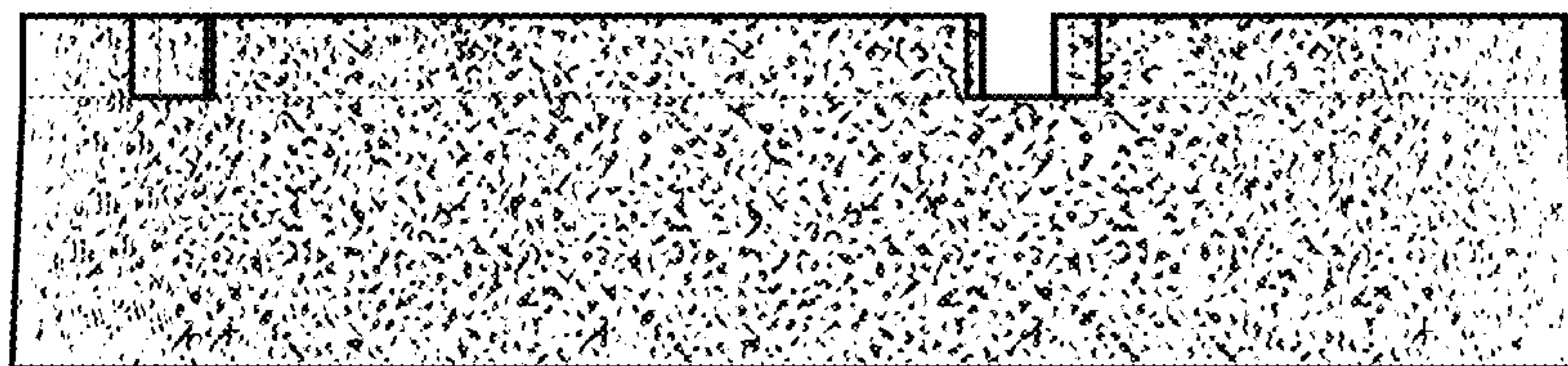


FIG. 11

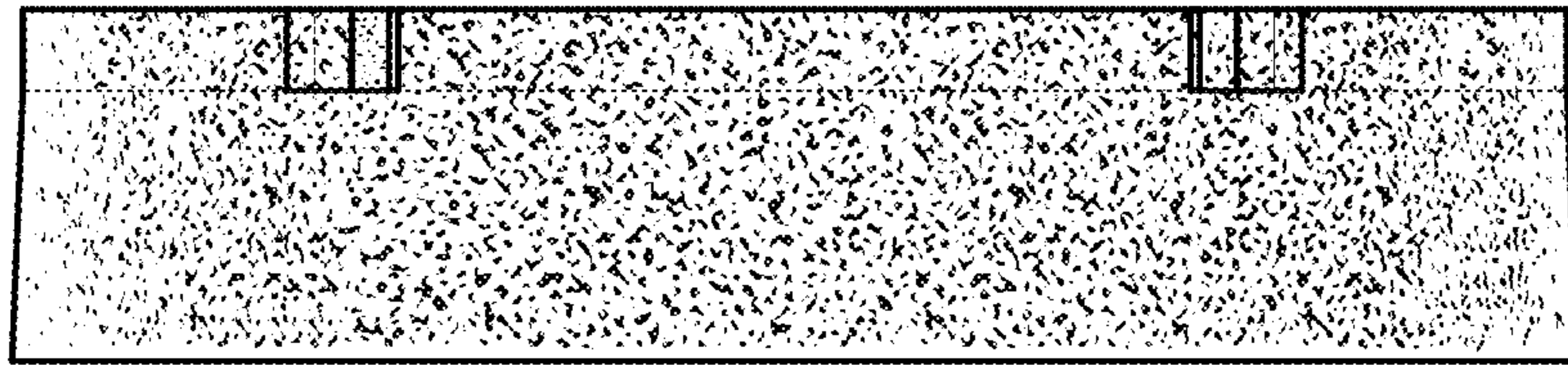


FIG. 12

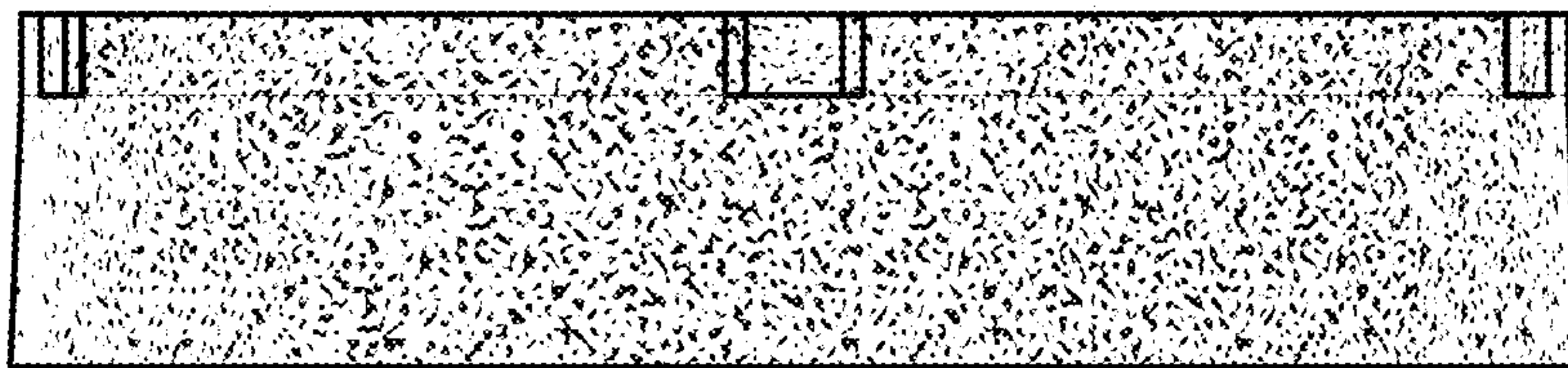
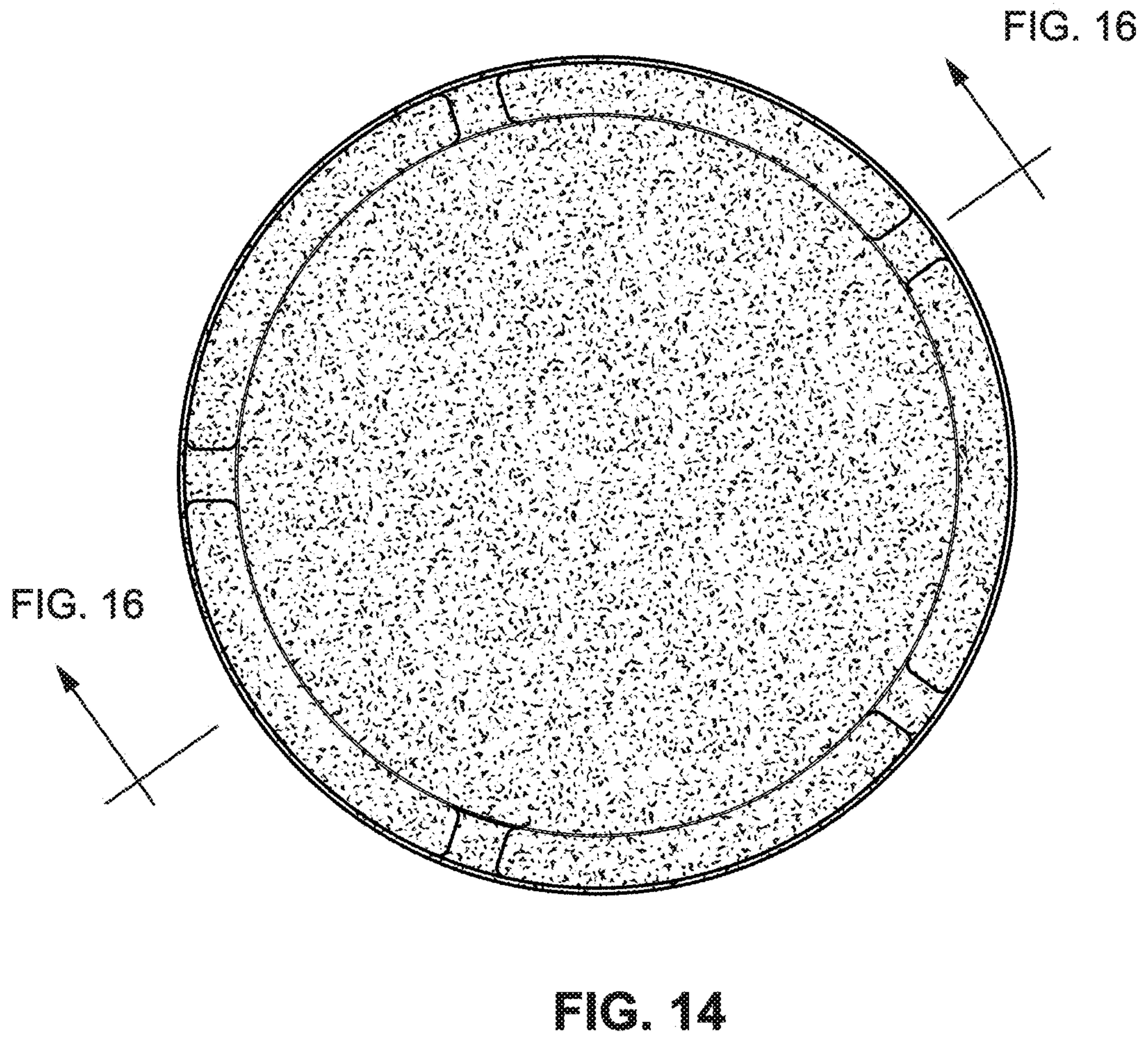


FIG. 13



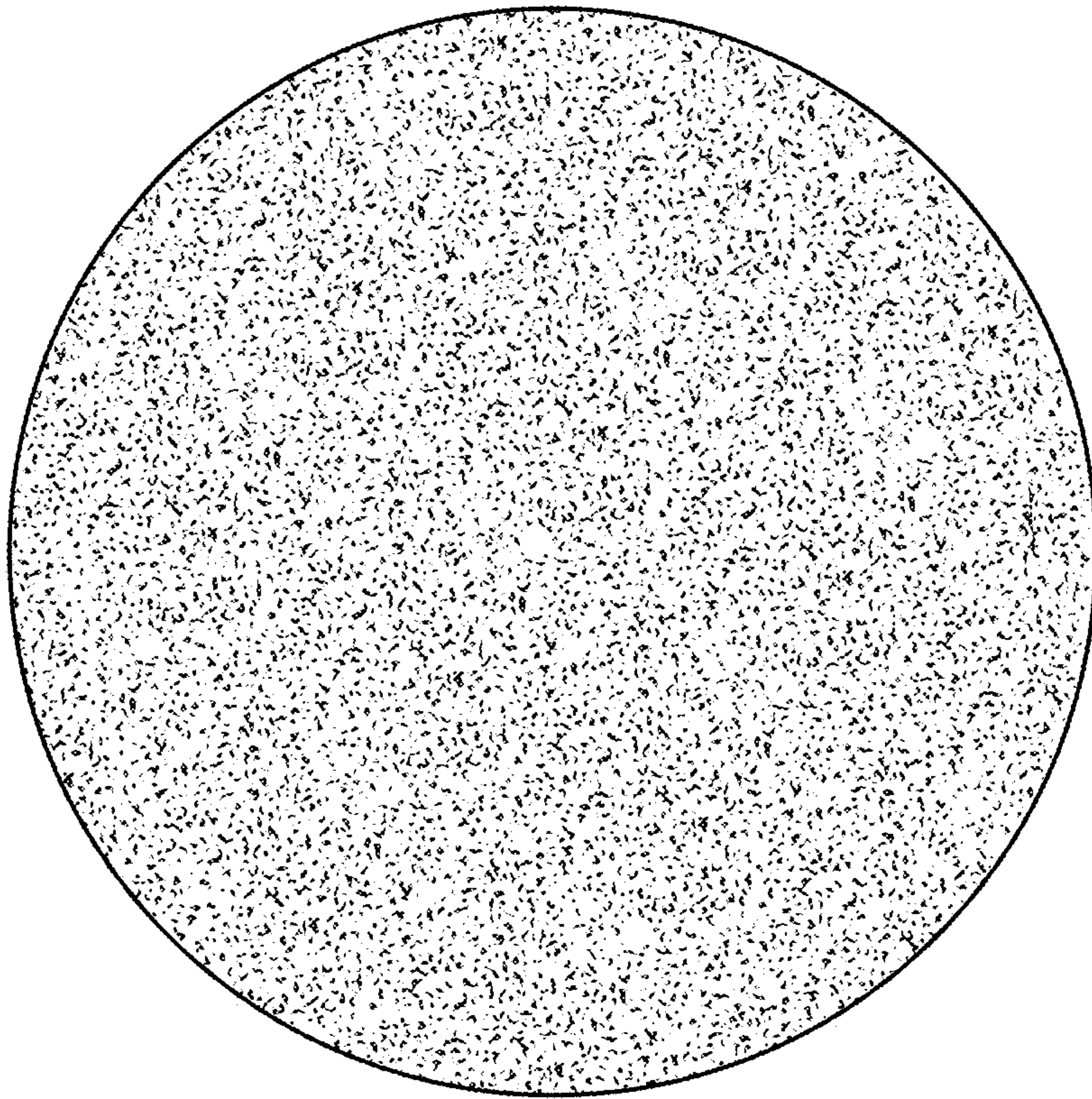


FIG. 15



FIG. 16

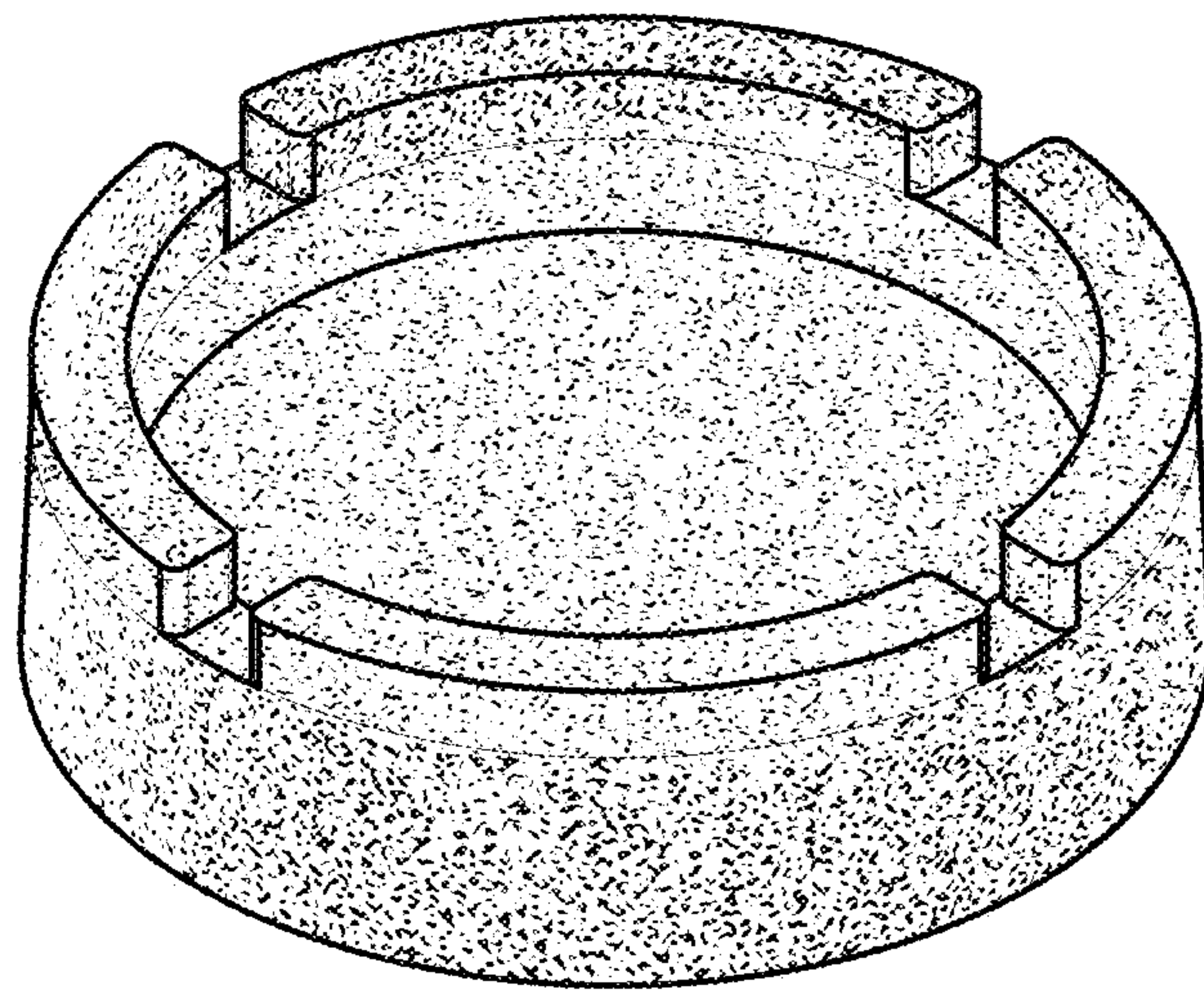


FIG. 17

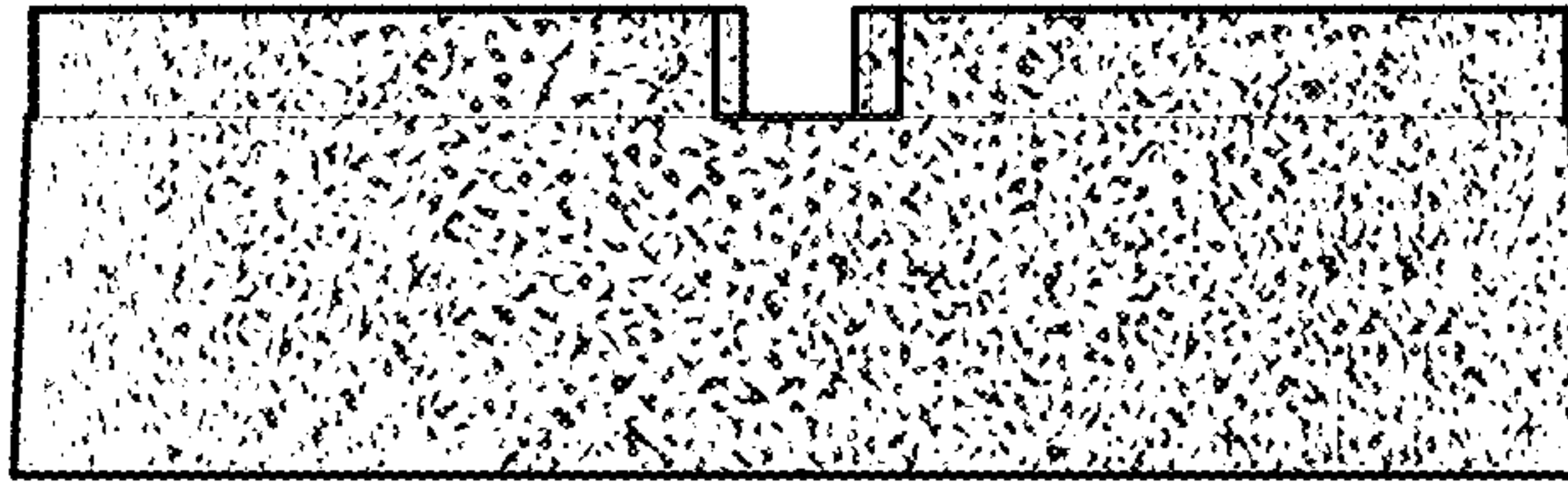


FIG. 18

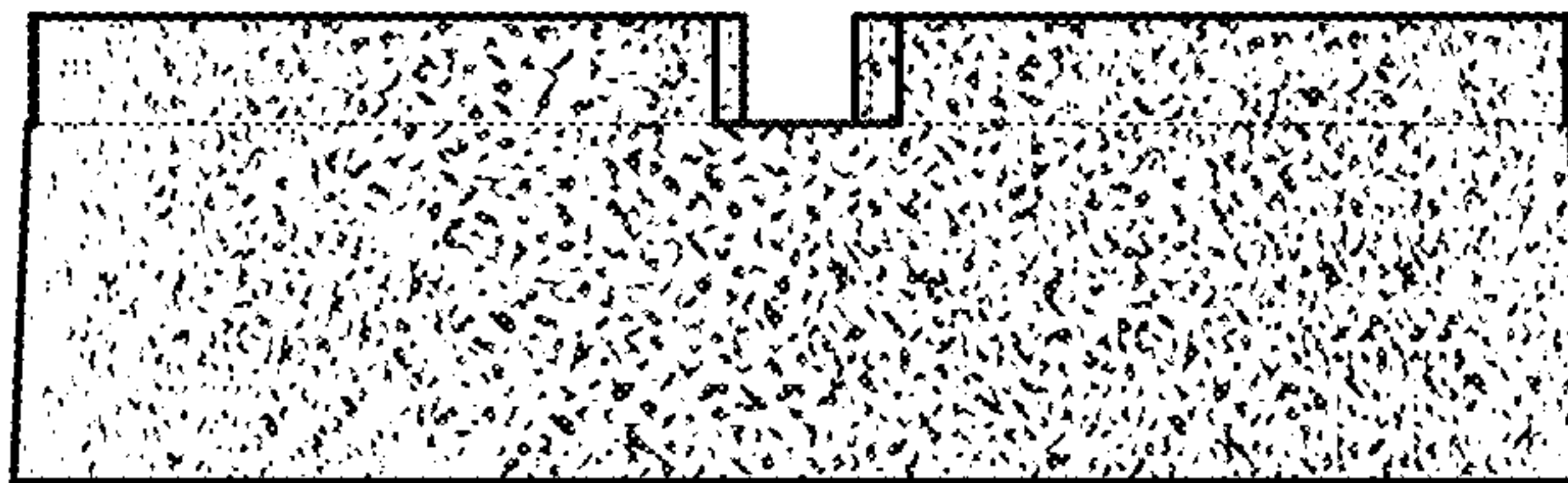


FIG. 19

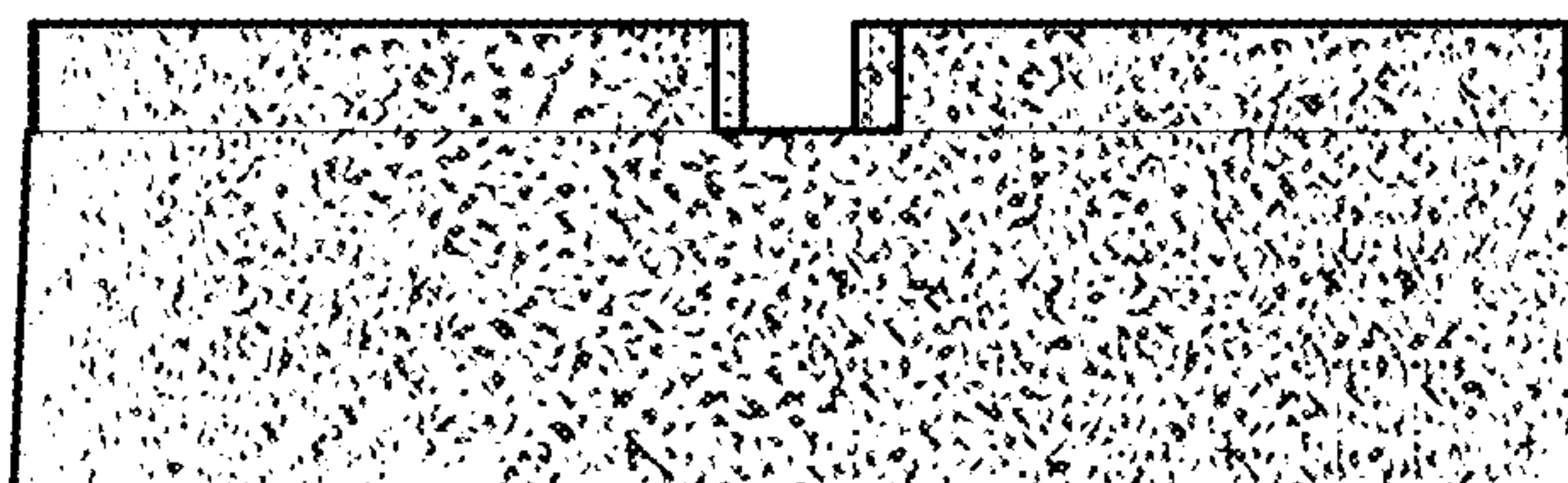


FIG. 20

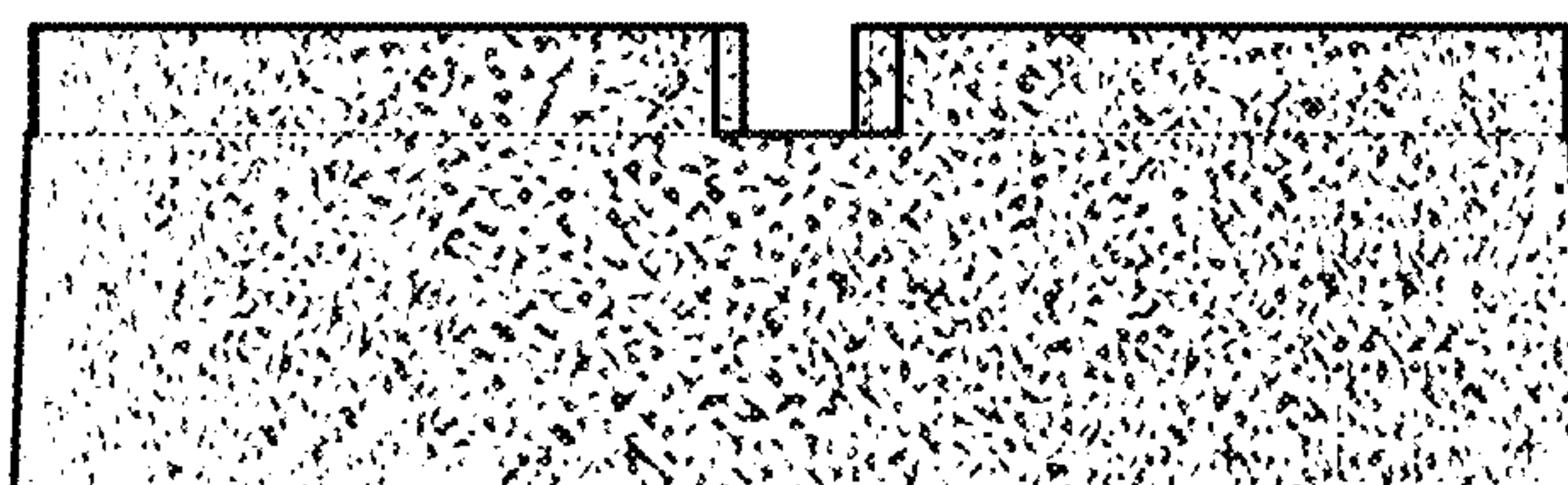
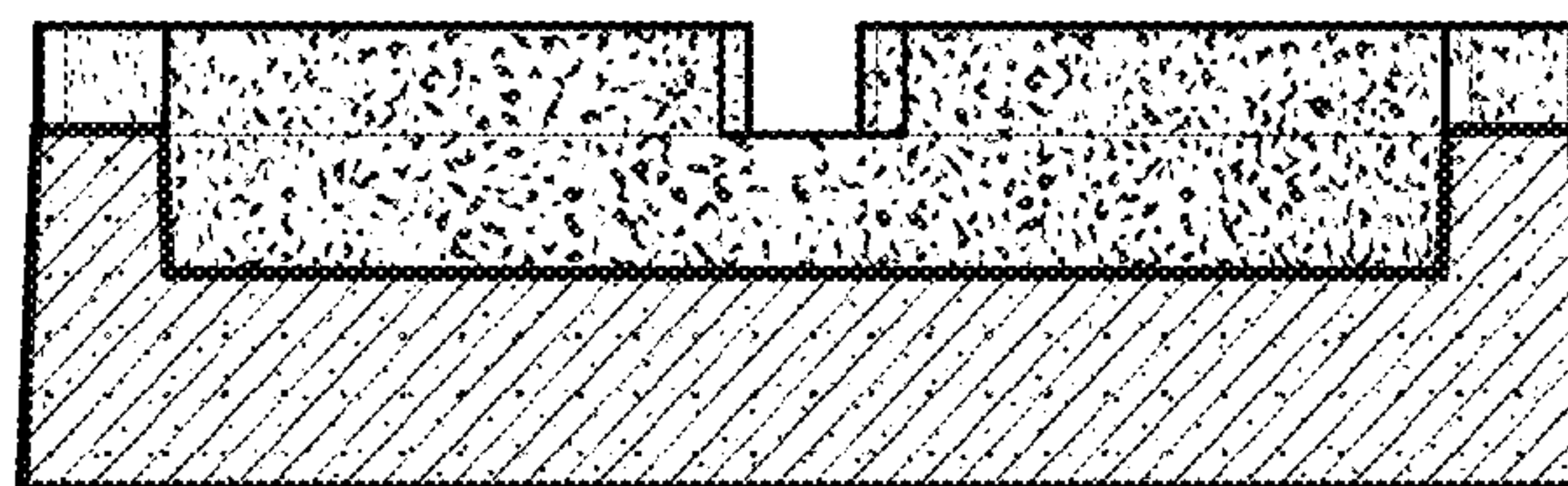
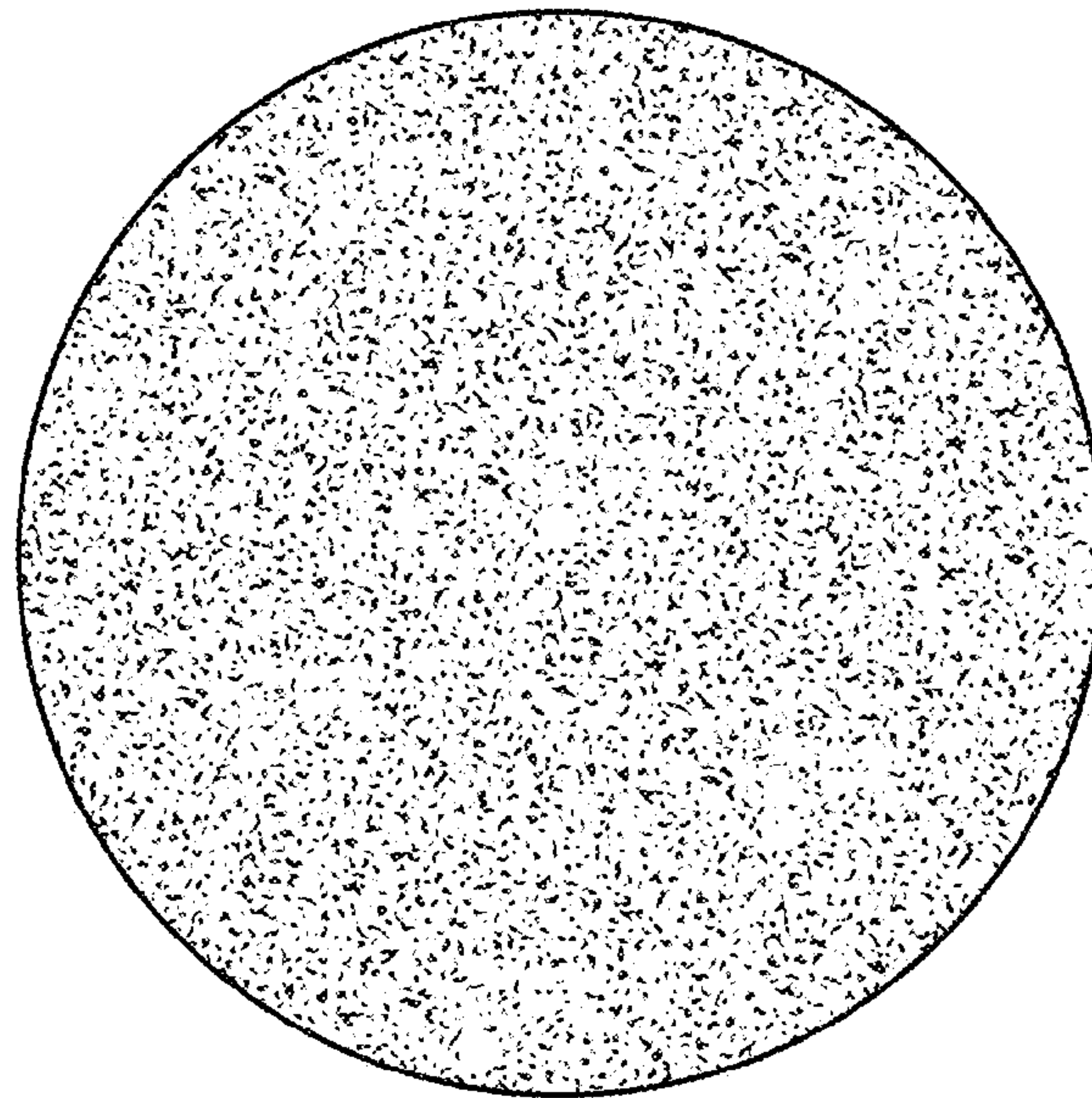
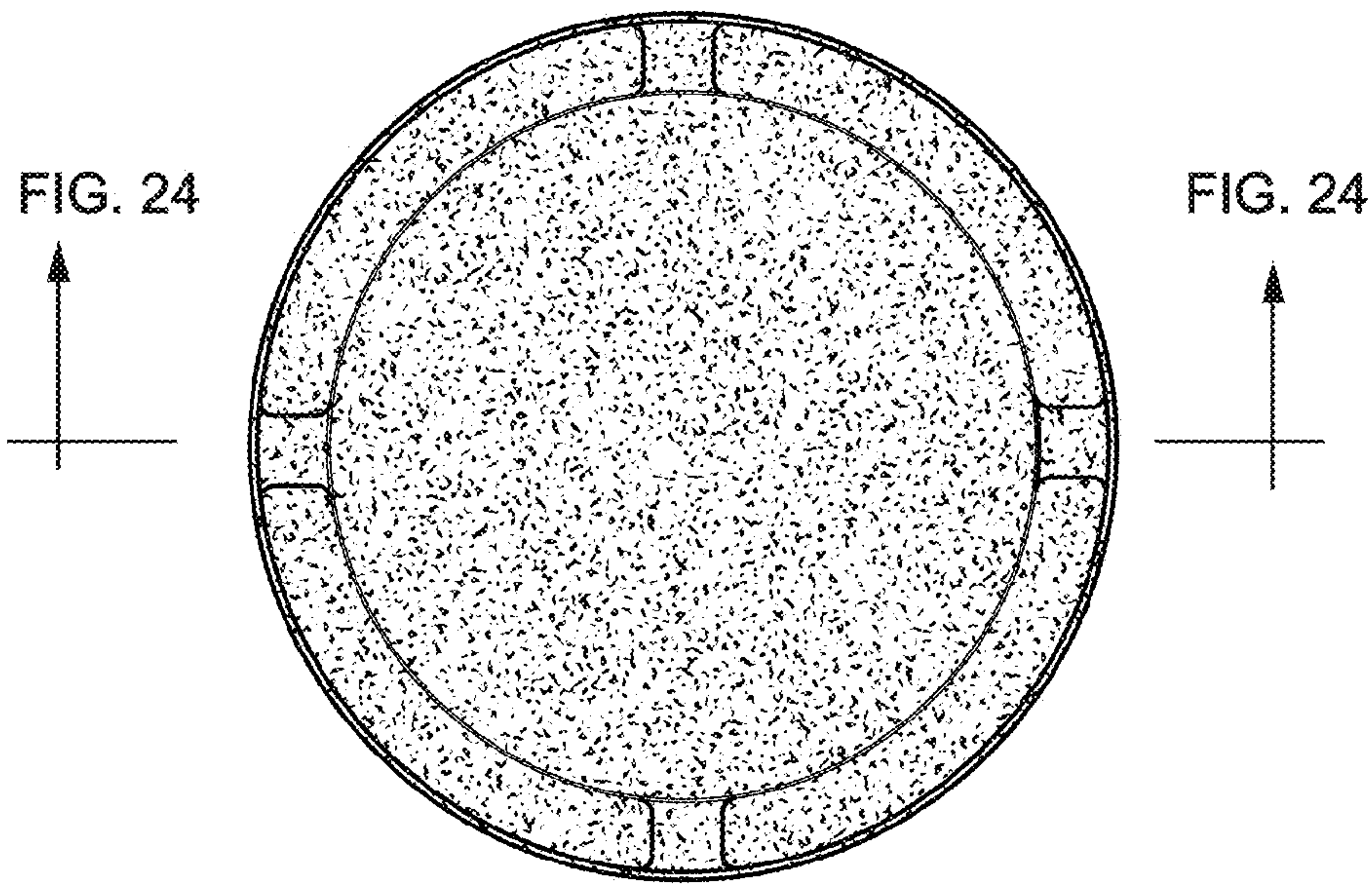


FIG. 21



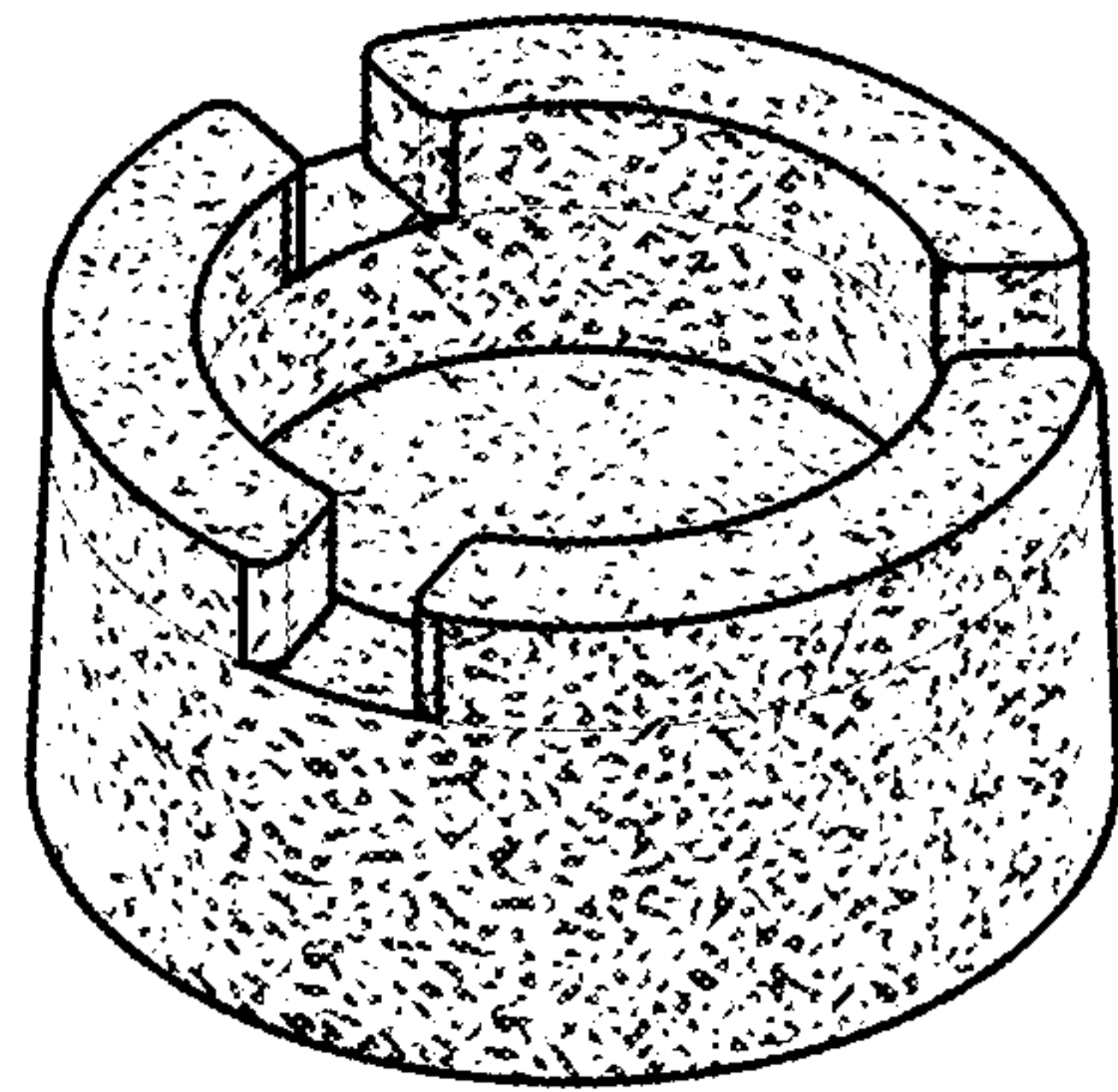


FIG. 25

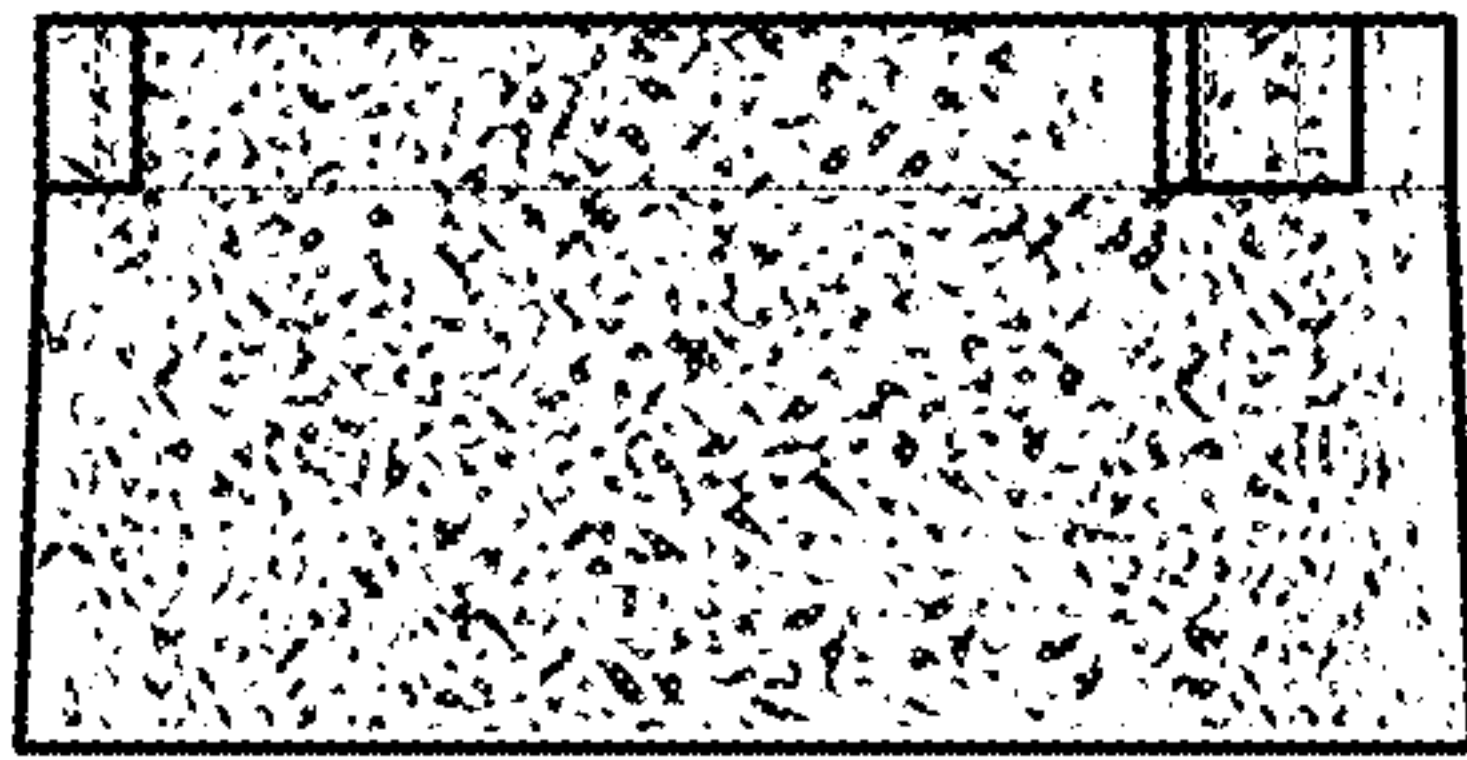


FIG. 26

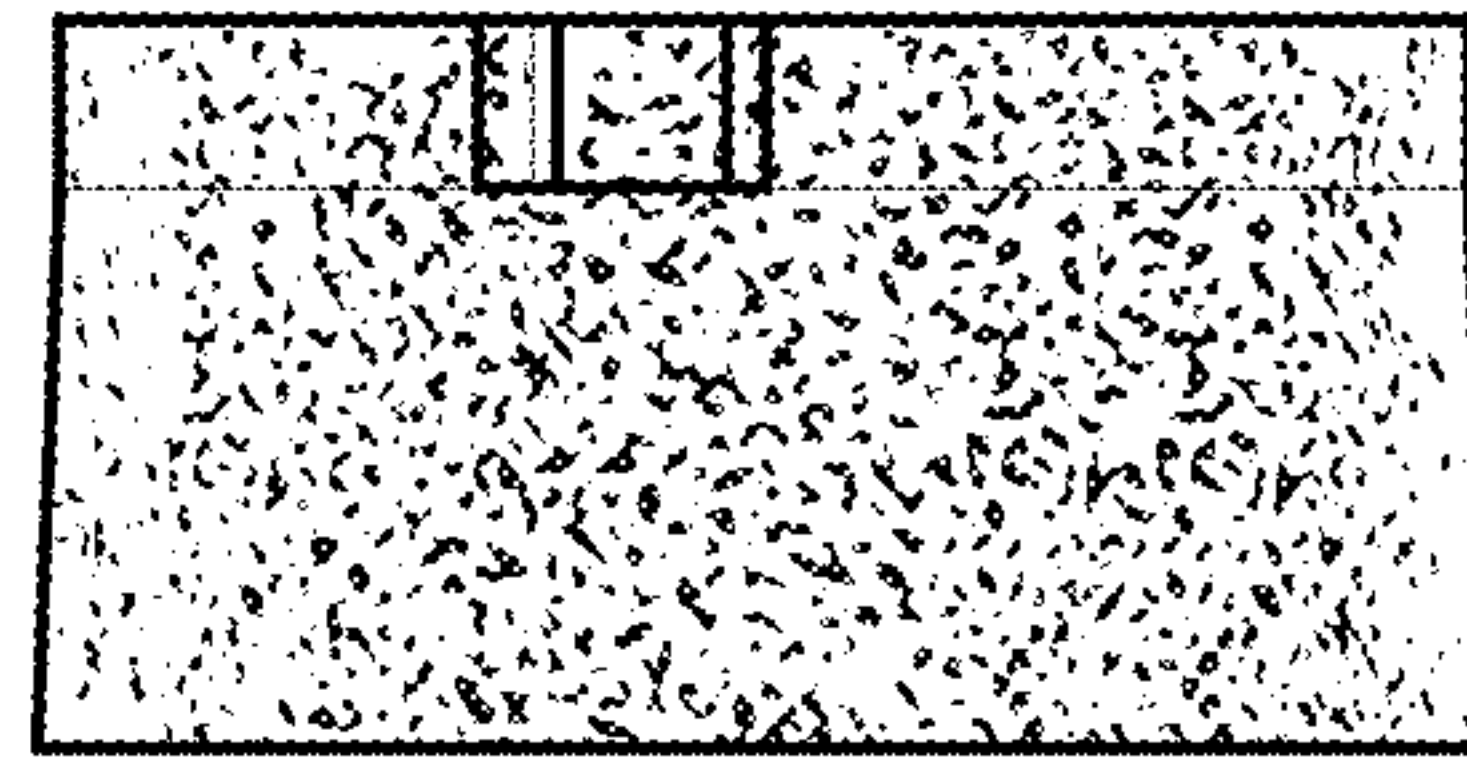


FIG. 27

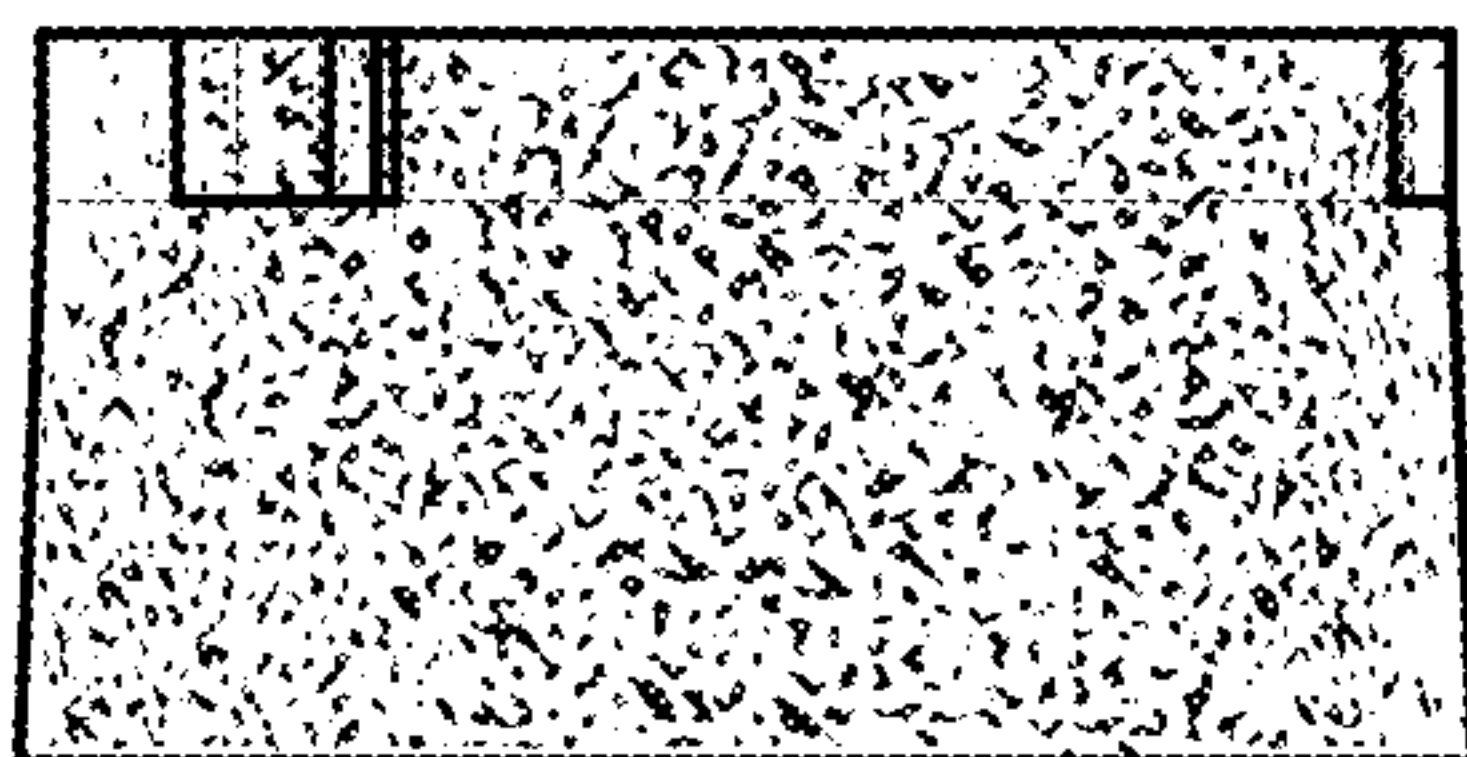


FIG. 28



FIG. 29

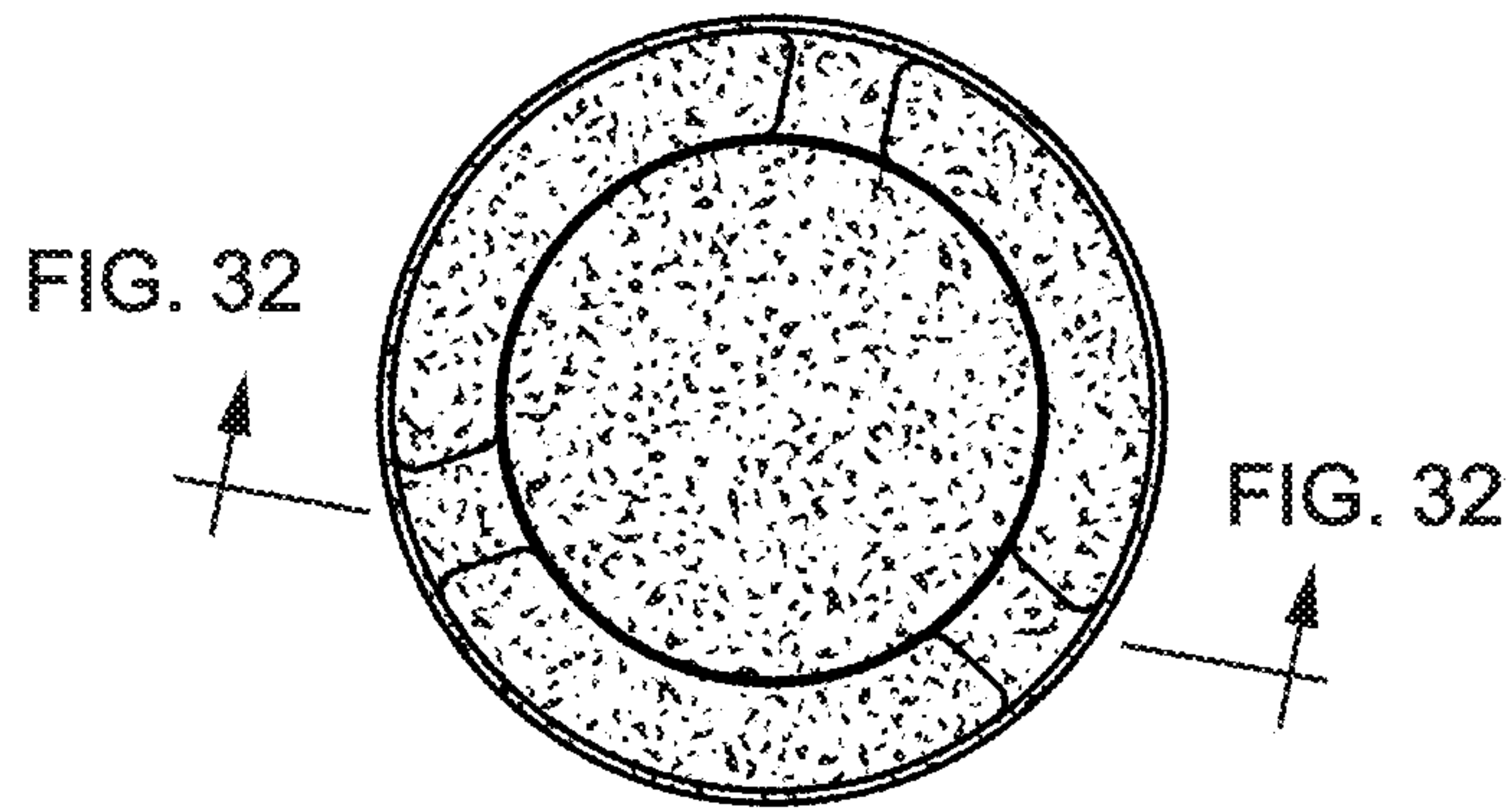


FIG. 30

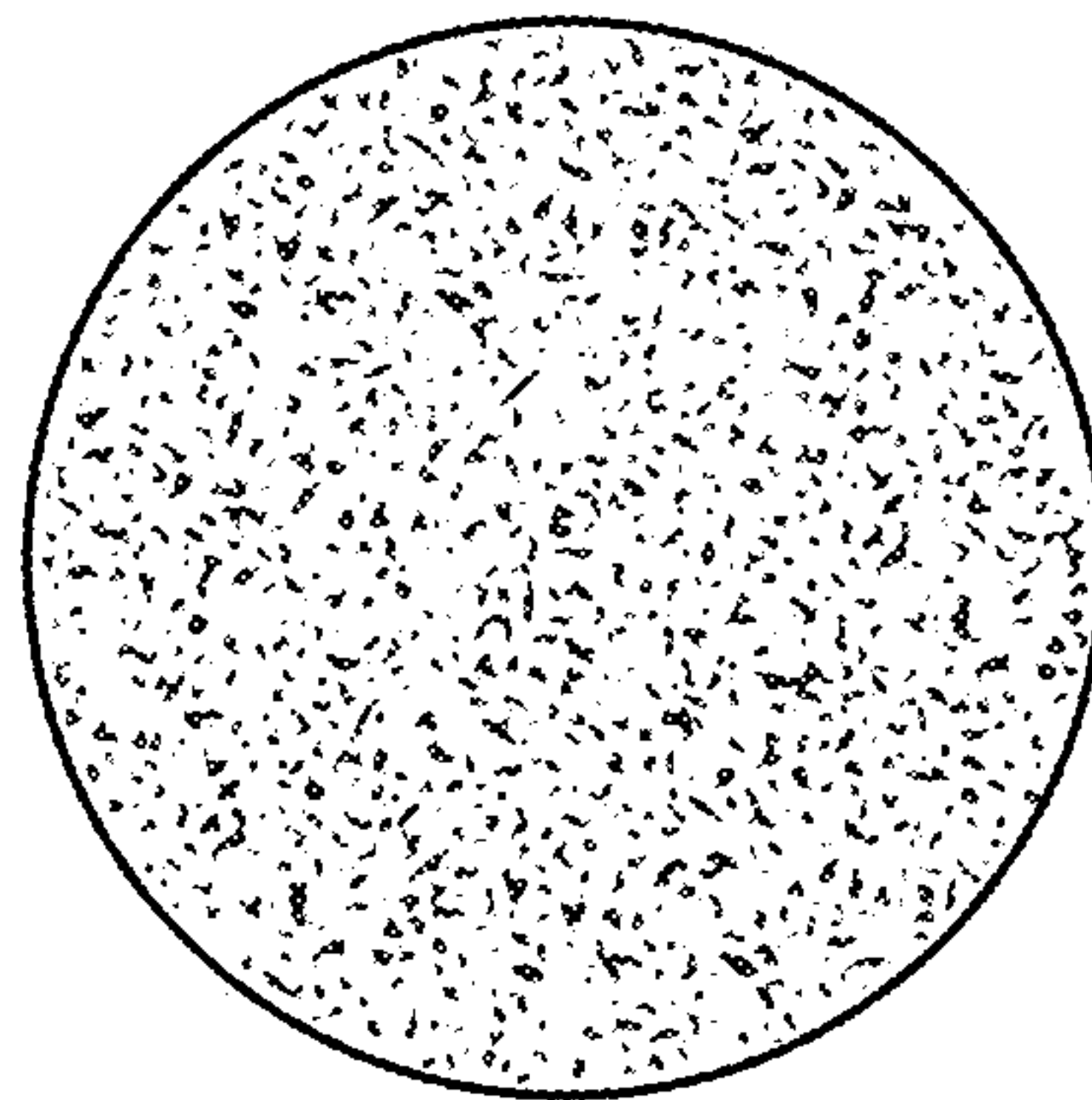


FIG. 31

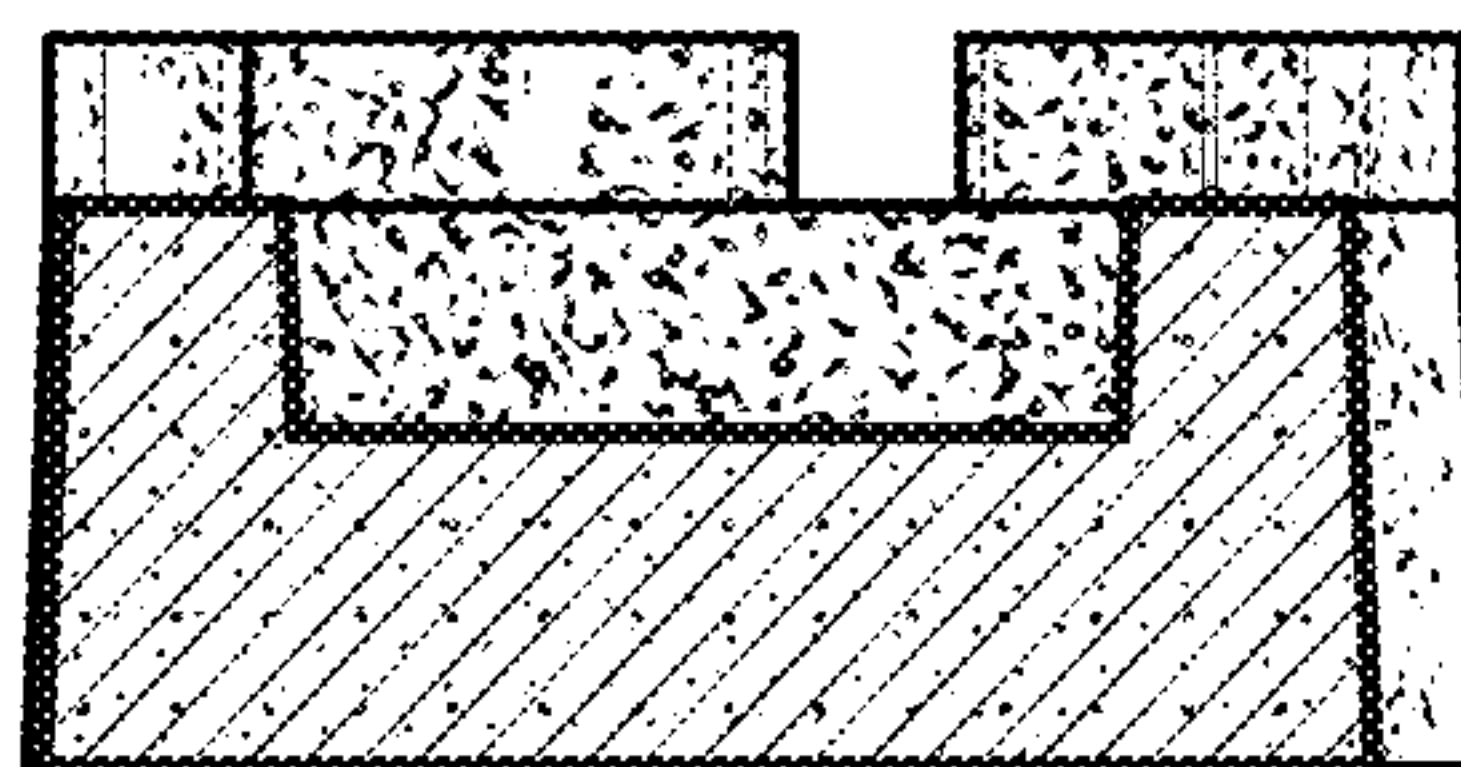


FIG. 32