



US00D928398S

(12) **United States Design Patent** (10) **Patent No.:** **US D928,398 S**
Liu (45) **Date of Patent:** **** Aug. 17, 2021**

(54) **HEATING DEVICE FOR ATOMIZER**

(71) Applicant: **Tuanfang Liu**, Shenzhen (CN)

(72) Inventor: **Tuanfang Liu**, Shenzhen (CN)

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

(21) Appl. No.: **29/731,536**

(22) Filed: **Apr. 15, 2020**

(30) **Foreign Application Priority Data**

Oct. 15, 2019 (CN) 201930559553.4

(51) **LOC (13) Cl.** **27-02**

(52) **U.S. Cl.**
USPC **D27/162**

(58) **Field of Classification Search**
USPC D27/162, 100, 101, 163–165, 172, 183,
D27/185–194; D24/110, 110.5
CPC A24F 47/002; A24F 47/006; A24F 47/008;
A61M 15/00; A61M 15/06
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D168,131 S * 11/1952 Touart D27/186
D642,164 S * 7/2011 Liner D14/229
8,770,205 B1 * 7/2014 Hopwood A24F 13/22
131/257
D741,541 S * 10/2015 Liu D27/193
D844,239 S * 3/2019 Nellestein D27/183
D875,307 S * 2/2020 Storcks D27/183

D882,166 S * 4/2020 Seidenfeld D27/172
D882,167 S * 4/2020 Seidenfeld D27/172
D882,865 S * 4/2020 Fornarelli D27/162
D890,985 S * 7/2020 Attar D27/183
D902,478 S * 11/2020 Goldsborough D27/172
2017/0000186 A1 * 1/2017 Russell A24F 13/12
2021/0000179 A1 * 1/2021 Li A24F 40/46

* cited by examiner

Primary Examiner — Marissa J Cash
Assistant Examiner — Rebecca Tsehaye
(74) *Attorney, Agent, or Firm* — Matthias Scholl P.C.;
Matthias Scholl

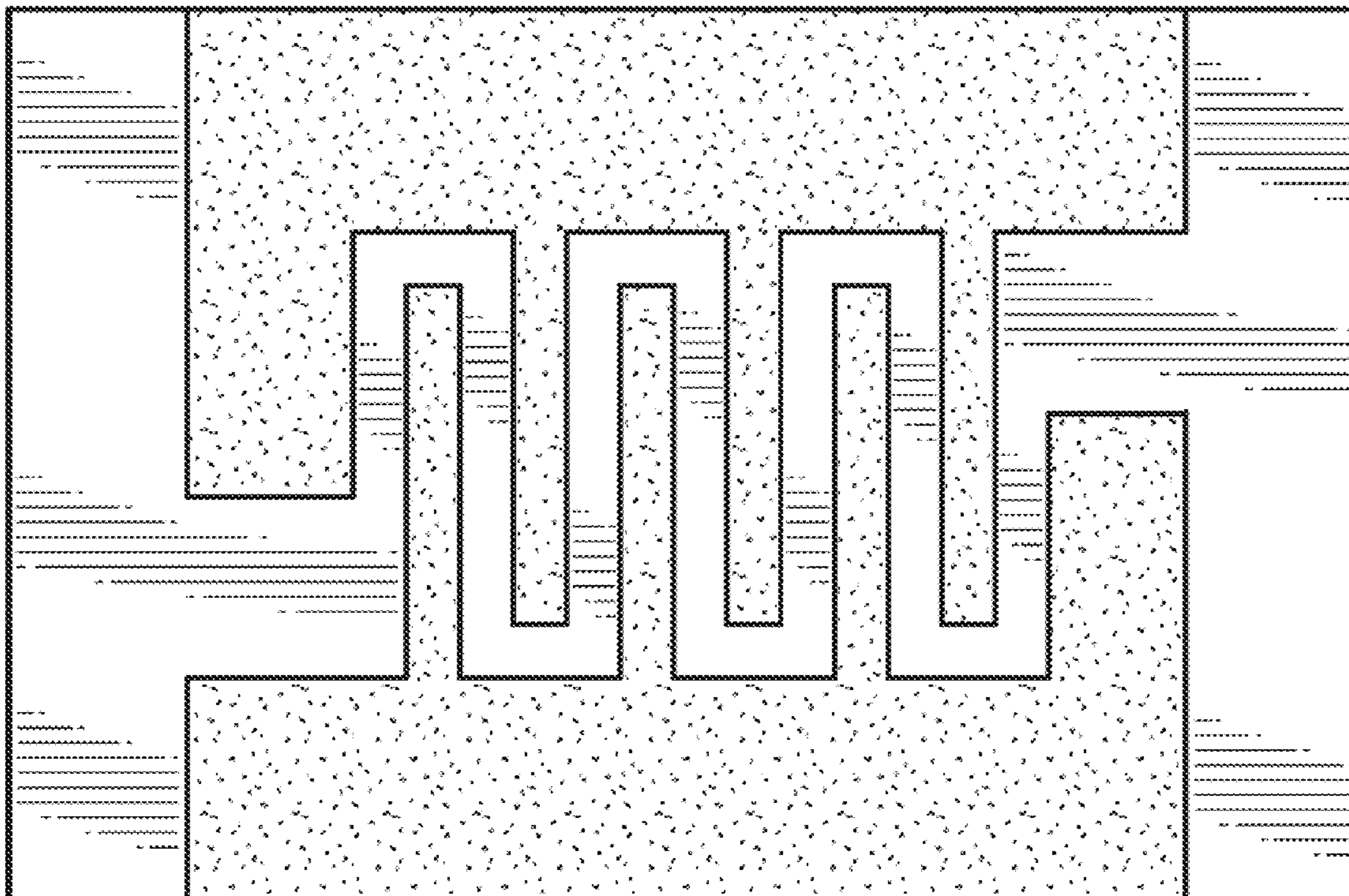
(57) **CLAIM**

The ornamental design for a heating device for atomizer, as shown and described.

DESCRIPTION

FIG. 1 is a front elevation view of a heating device for atomizer;
FIG. 2 is a rear elevation view thereof;
FIG. 3 is a left-side elevation view thereof;
FIG. 4 is a right-side elevation view thereof;
FIG. 5 is a top plan view thereof;
FIG. 6 is a bottom plan view thereof;
FIG. 7 is a perspective view thereof; and,
FIG. 8 is another perspective view thereof.
The stippled portions shown in the drawings indicate a contrast in material, specifically ceramic material.

1 Claim, 8 Drawing Sheets



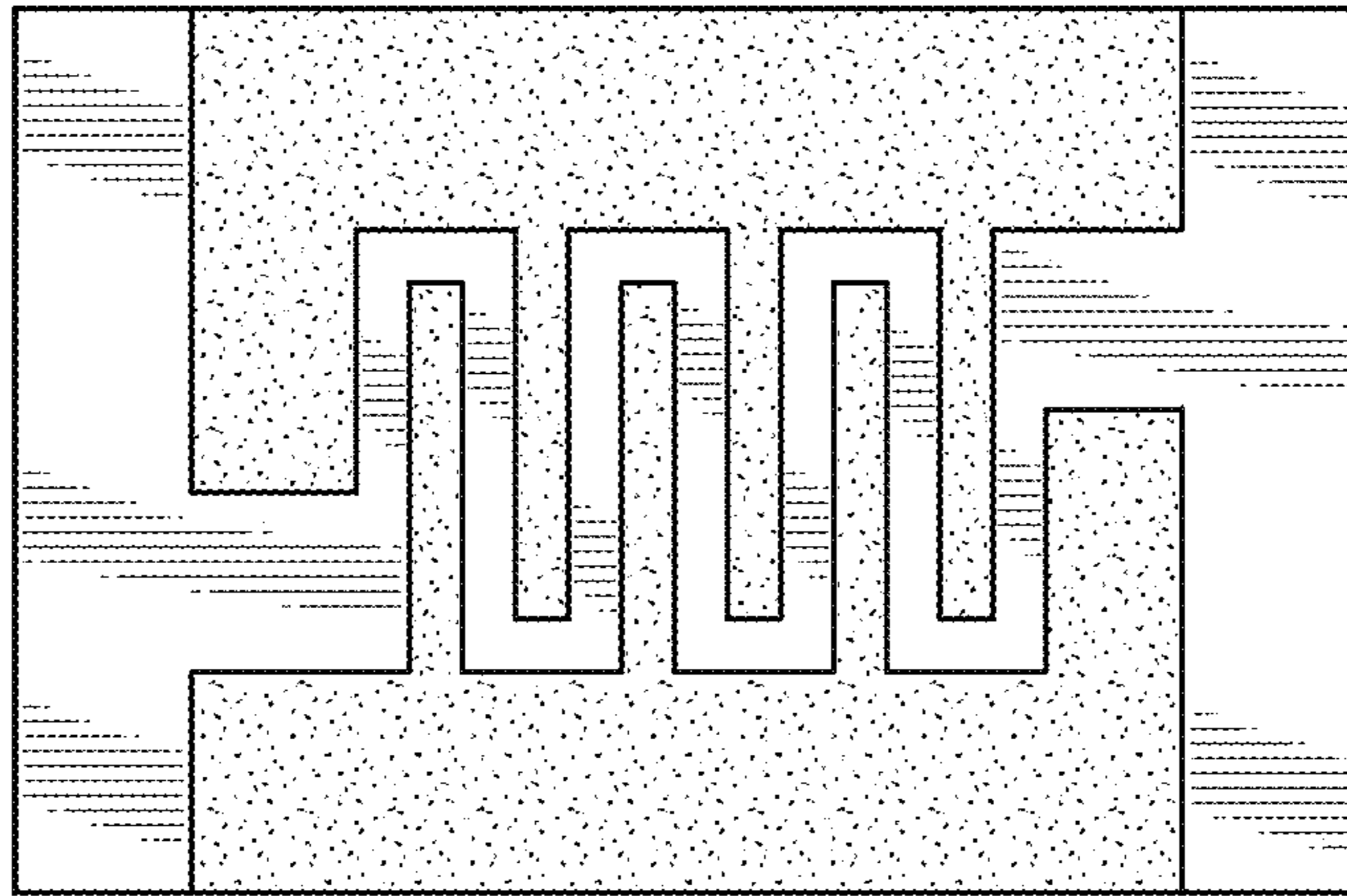


FIG. 1

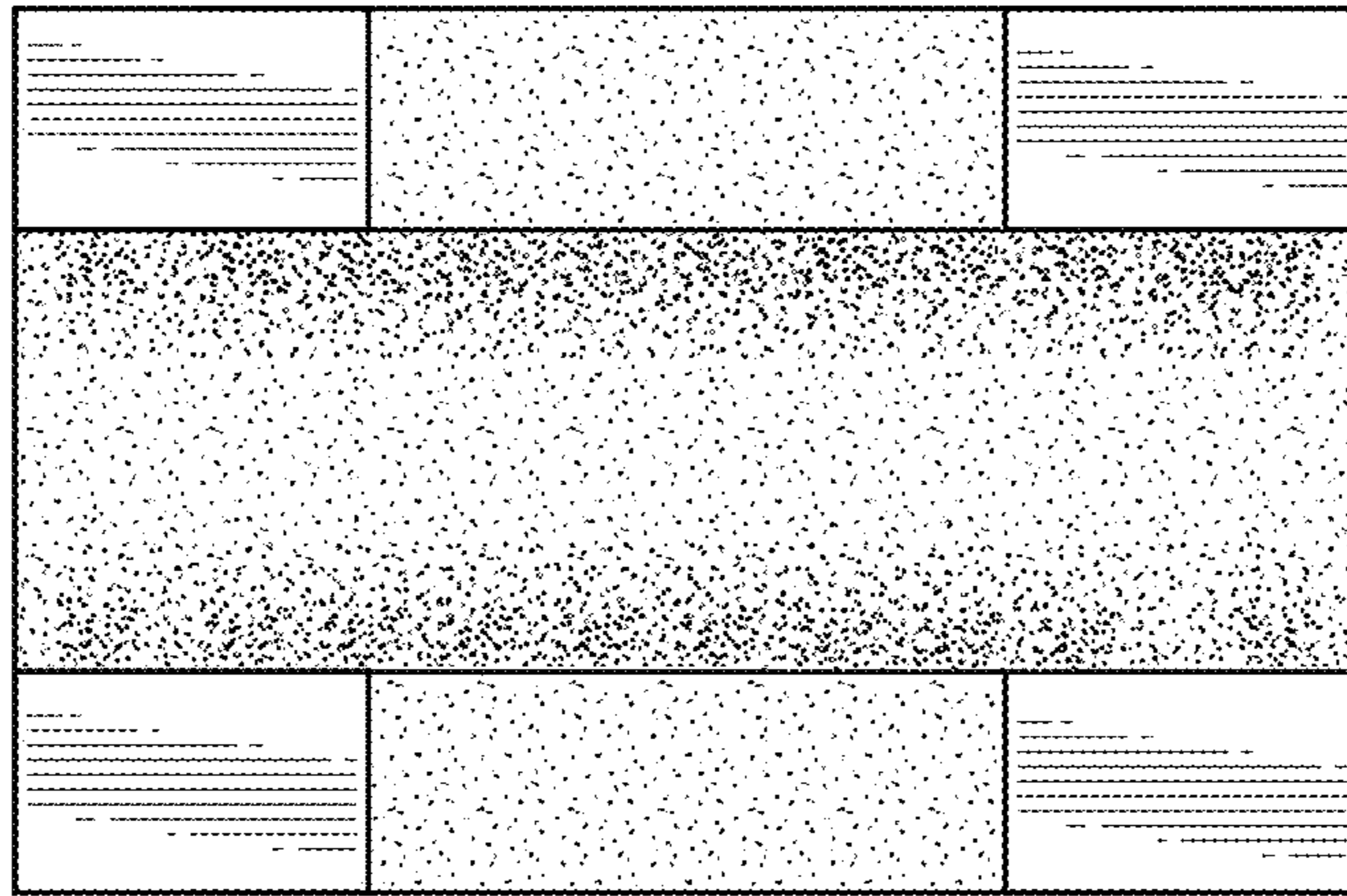


FIG. 2

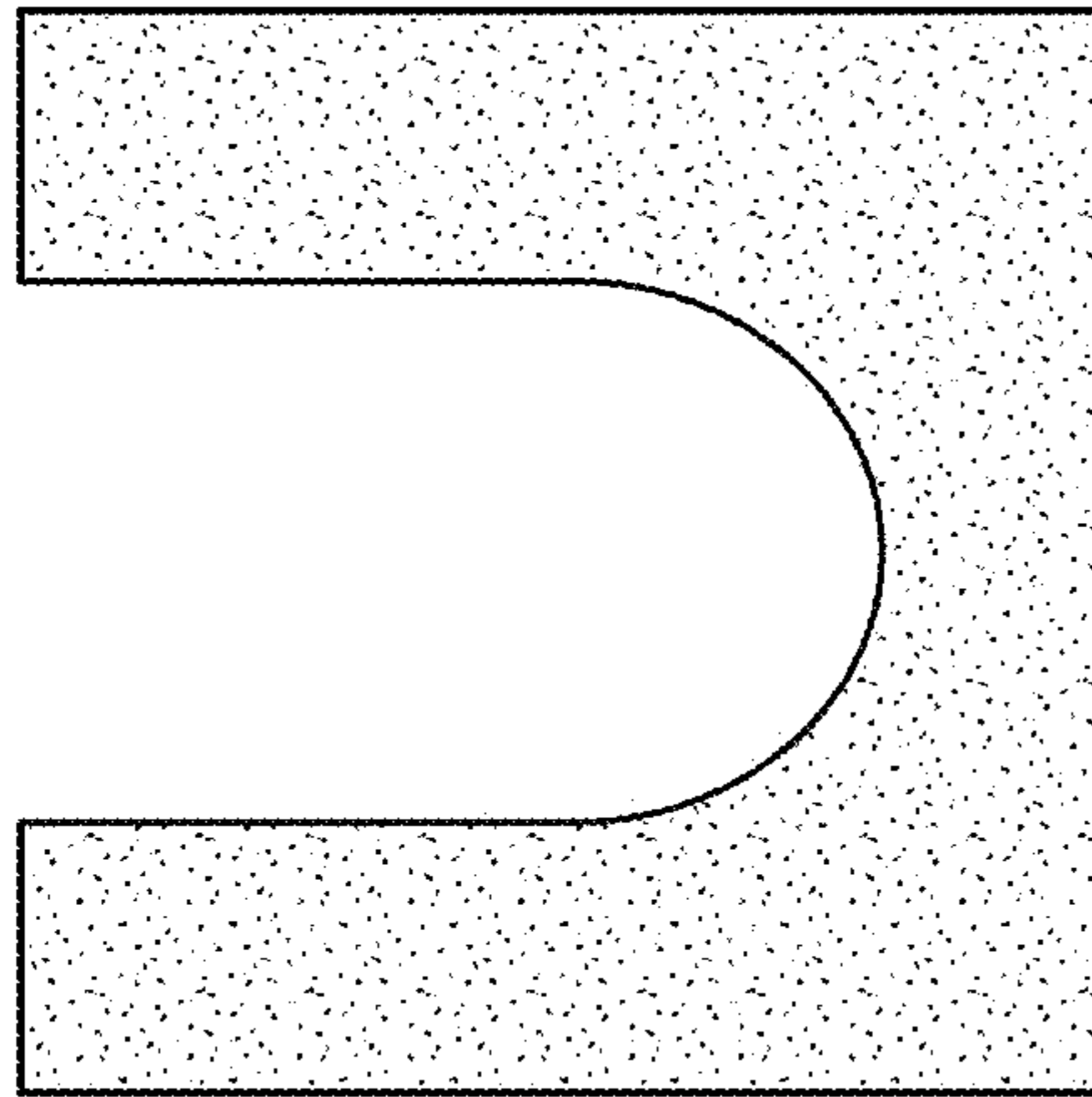


FIG. 3

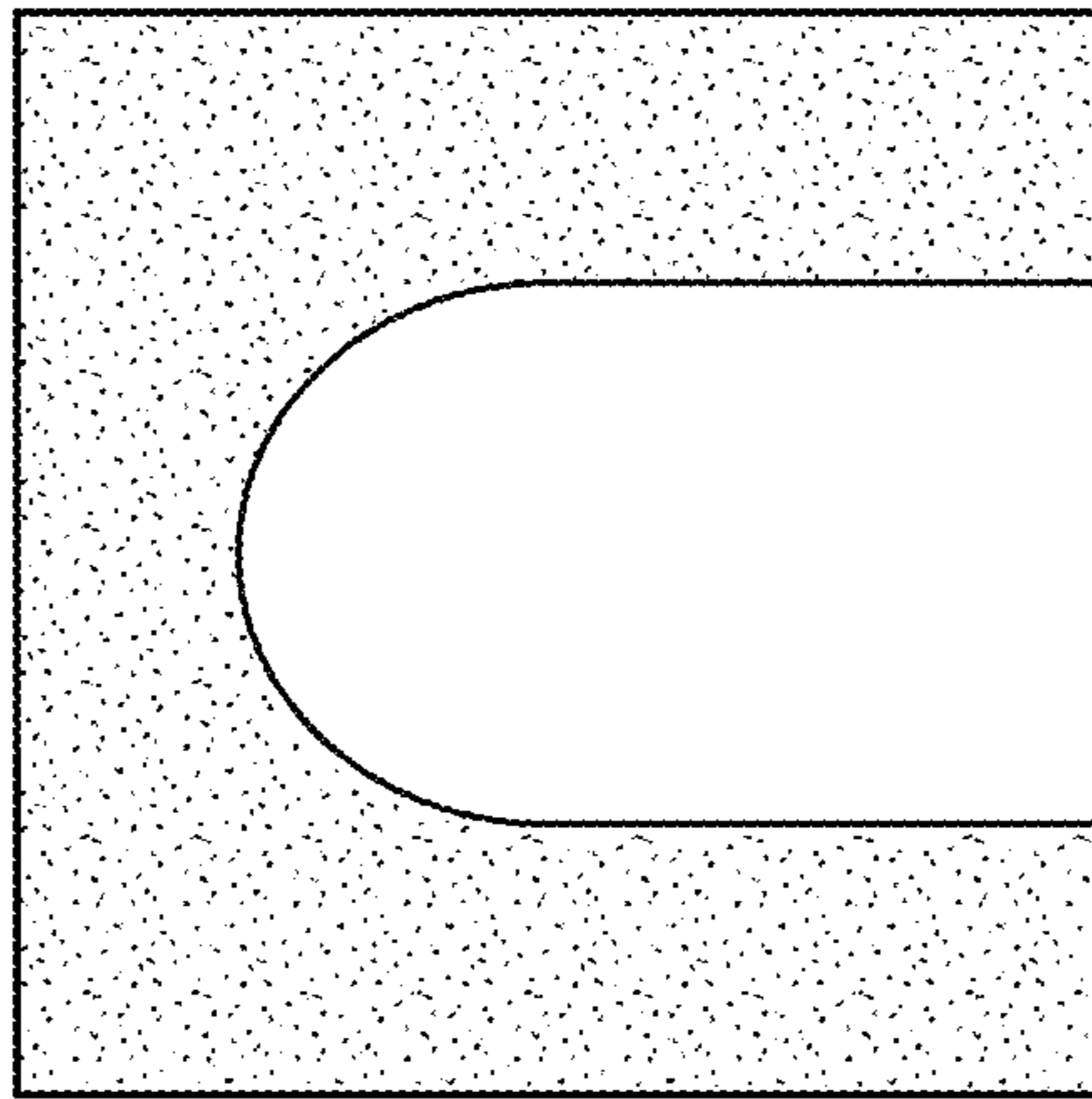


FIG. 4

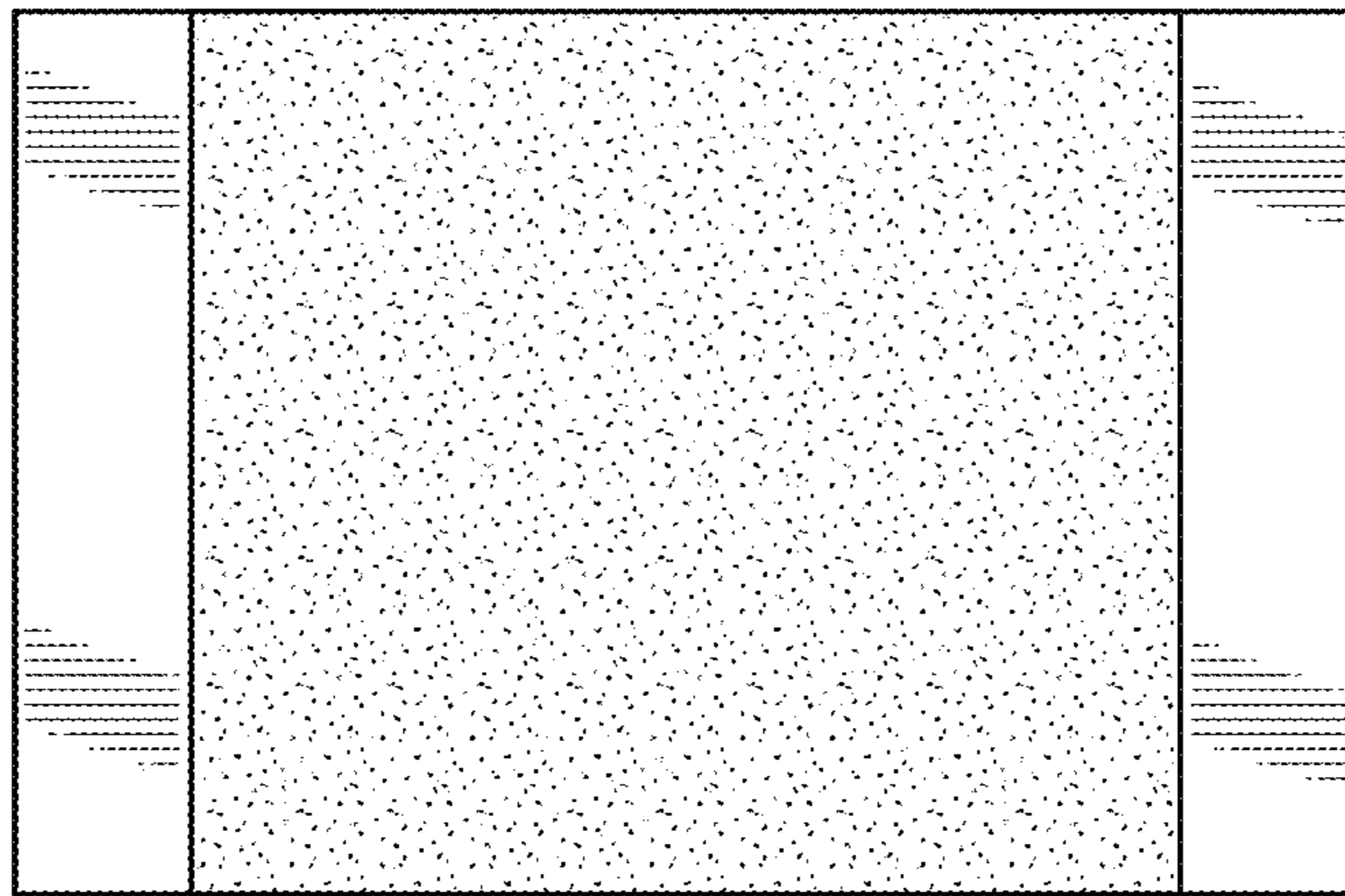


FIG. 5

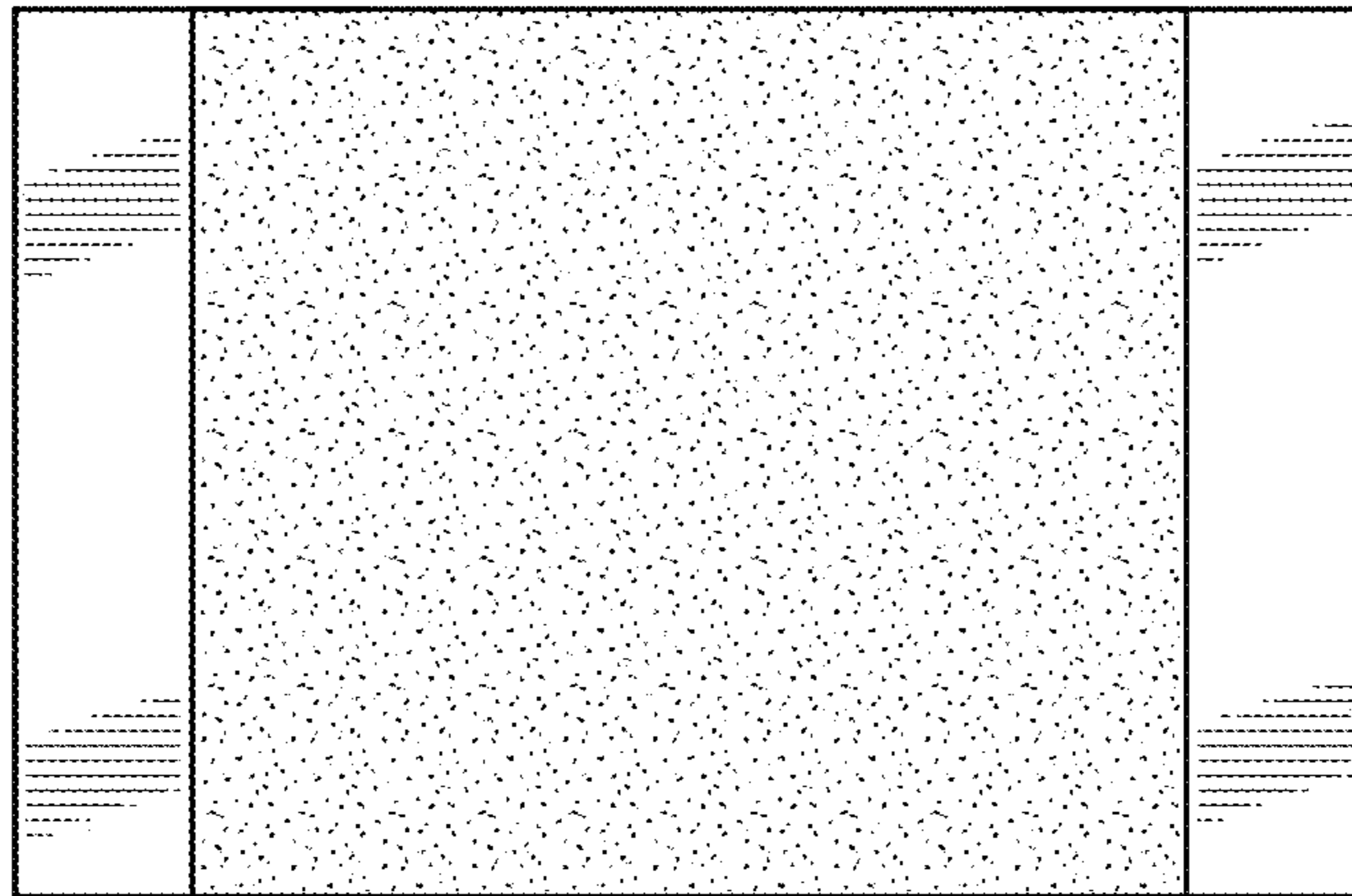


FIG. 6

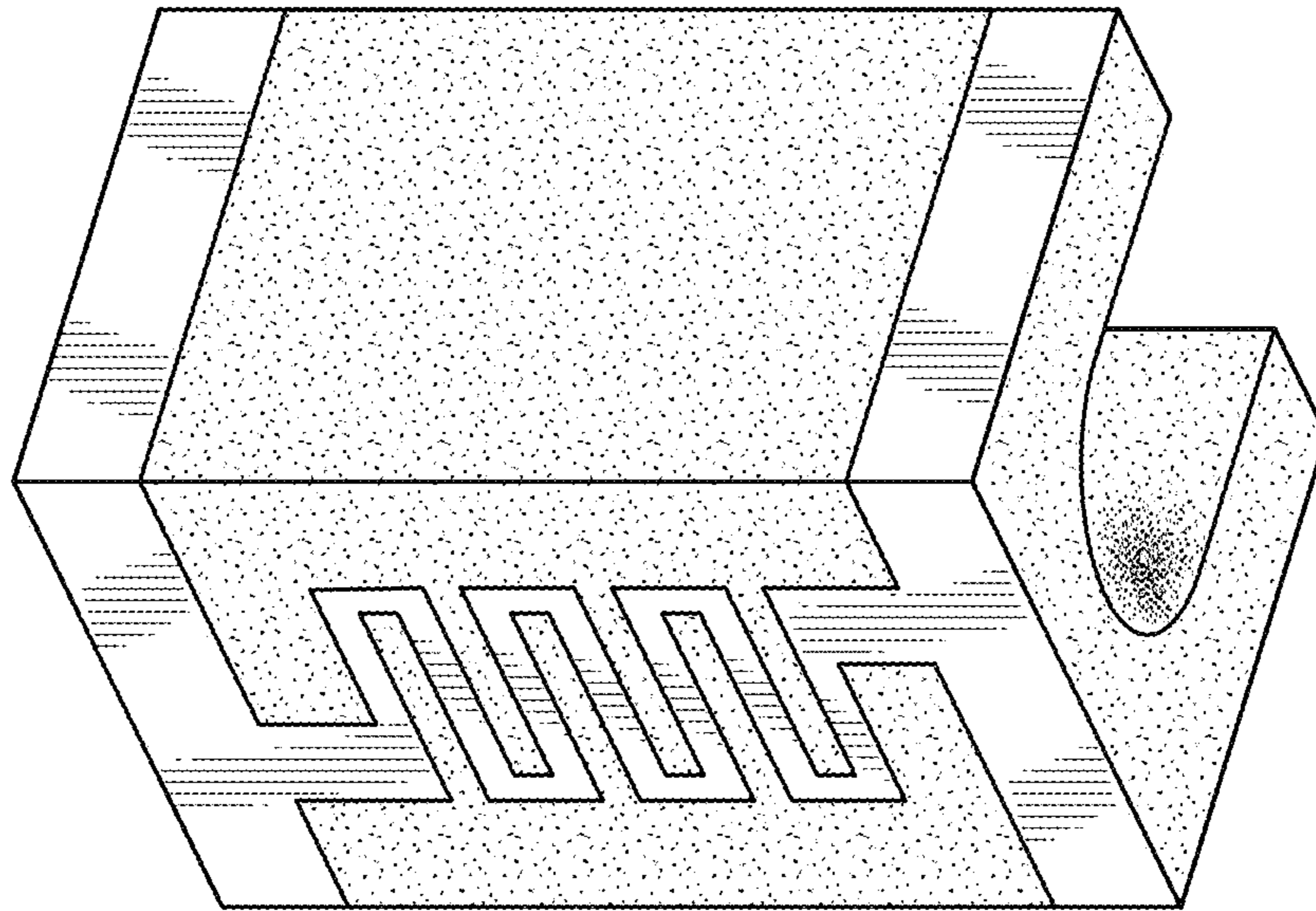


FIG. 7

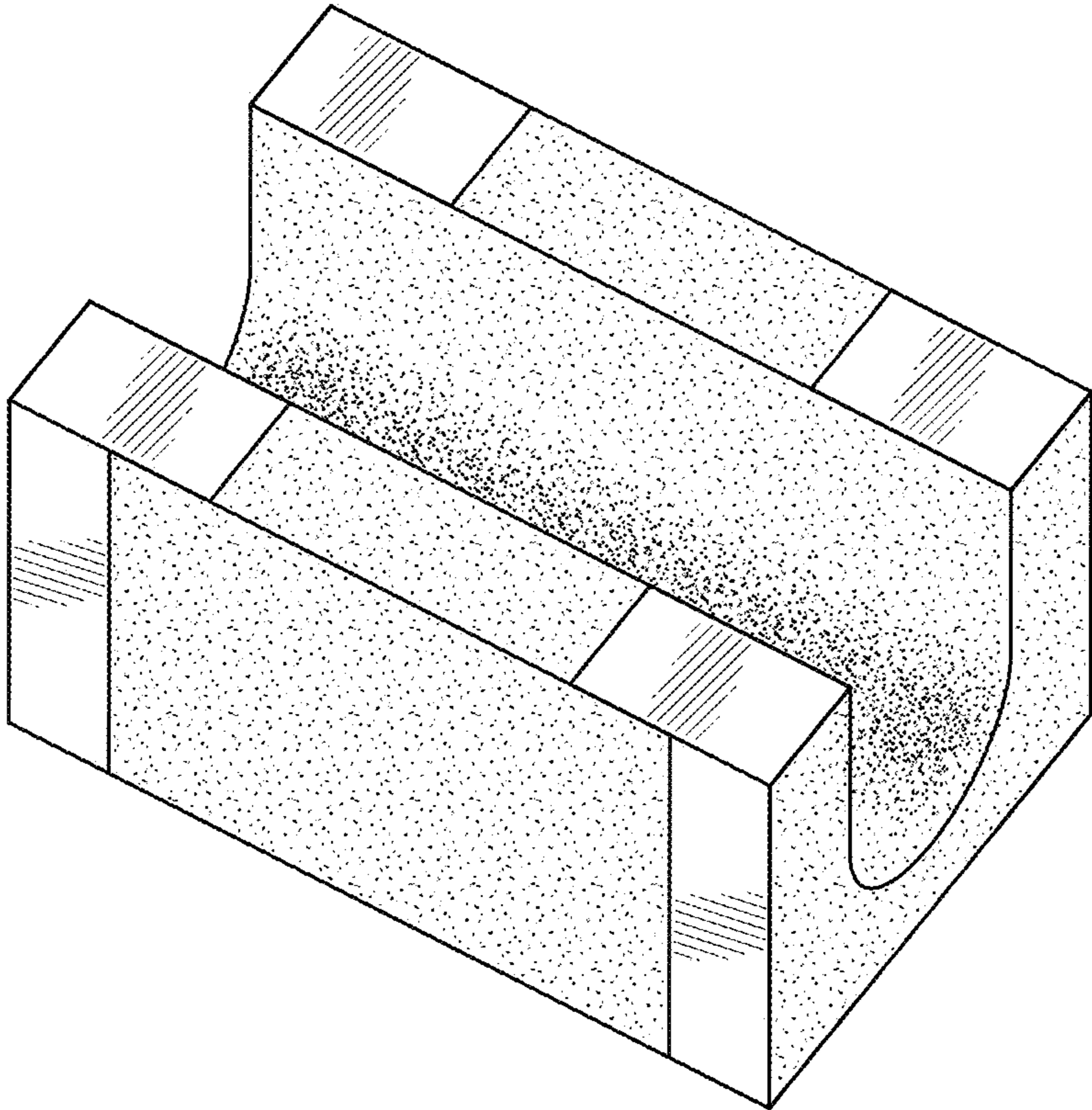


FIG. 8