



US00D448488B1

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

(10) **Patent No.:** **US D448,488 S**

(45) **Date of Patent:** **\*\* Sep. 25, 2001**

(54) **WEAR RESISTANT TILES FOR LINING A CENTRIFUGE BOWL**

(75) Inventors: **Robert Chaffiotte**, Madison, CT (US);  
**Steven Hegarty**, New Bedford; **Steven J. Orphonos**, Bridgewater, both of MA (US)

(73) Assignee: **Baker Hughes Incorporated**, Houston, TX (US)

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

(21) Appl. No.: **29/078,341**

(22) Filed: **Oct. 21, 1997**

(51) **LOC (7) Cl.** ..... **24-02**

(52) **U.S. Cl.** ..... **D24/219; D25/138**

(58) **Field of Search** ..... D24/219; 494/81, 494/43, 54; 422/72; 428/49; 52/311.1; D25/138, 163, 145, 140, 143, 153, 155, 157

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

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Primary Examiner—Ian Simmons

(74) *Attorney, Agent, or Firm*—Cantor Colburn LLP

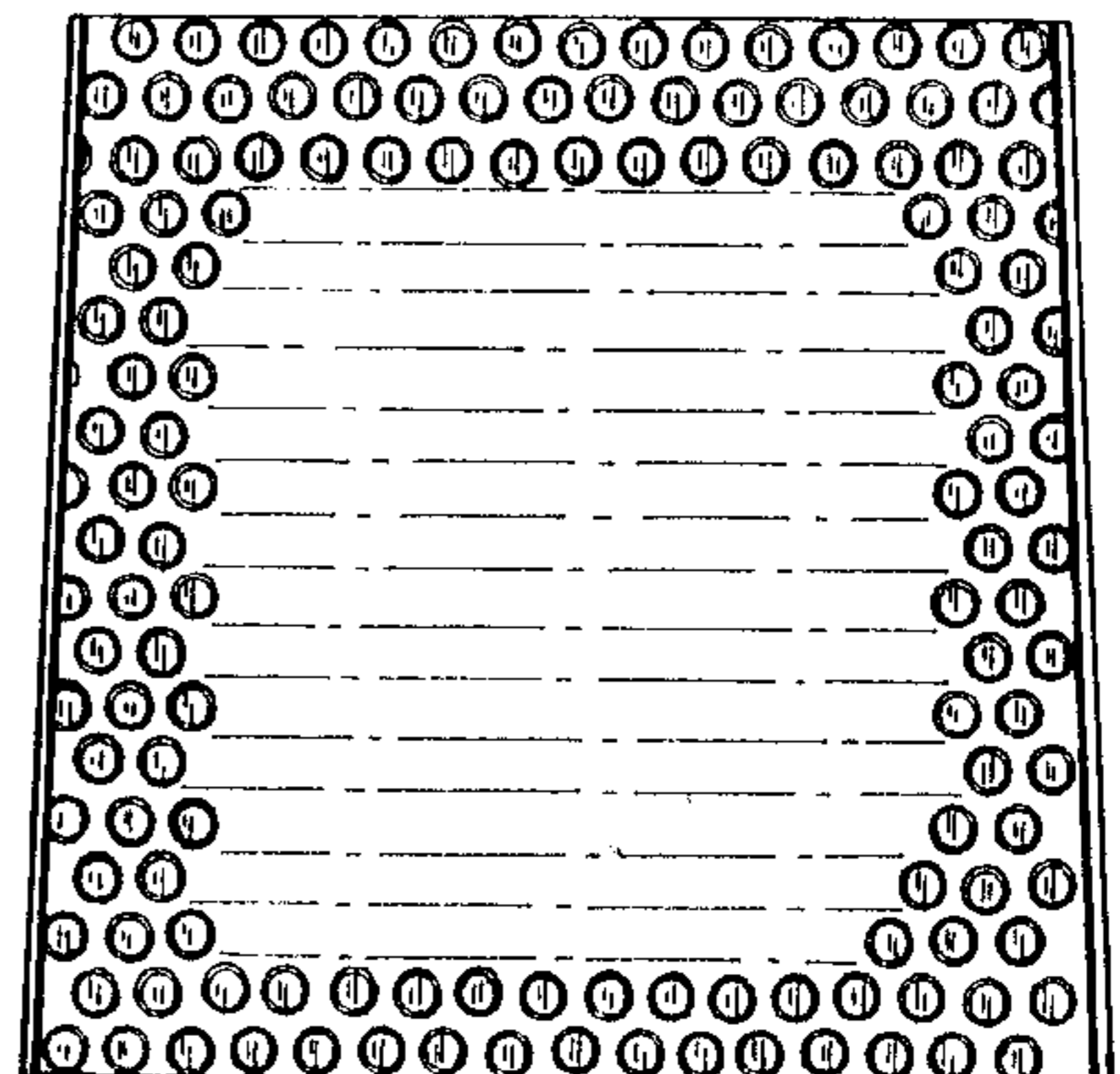
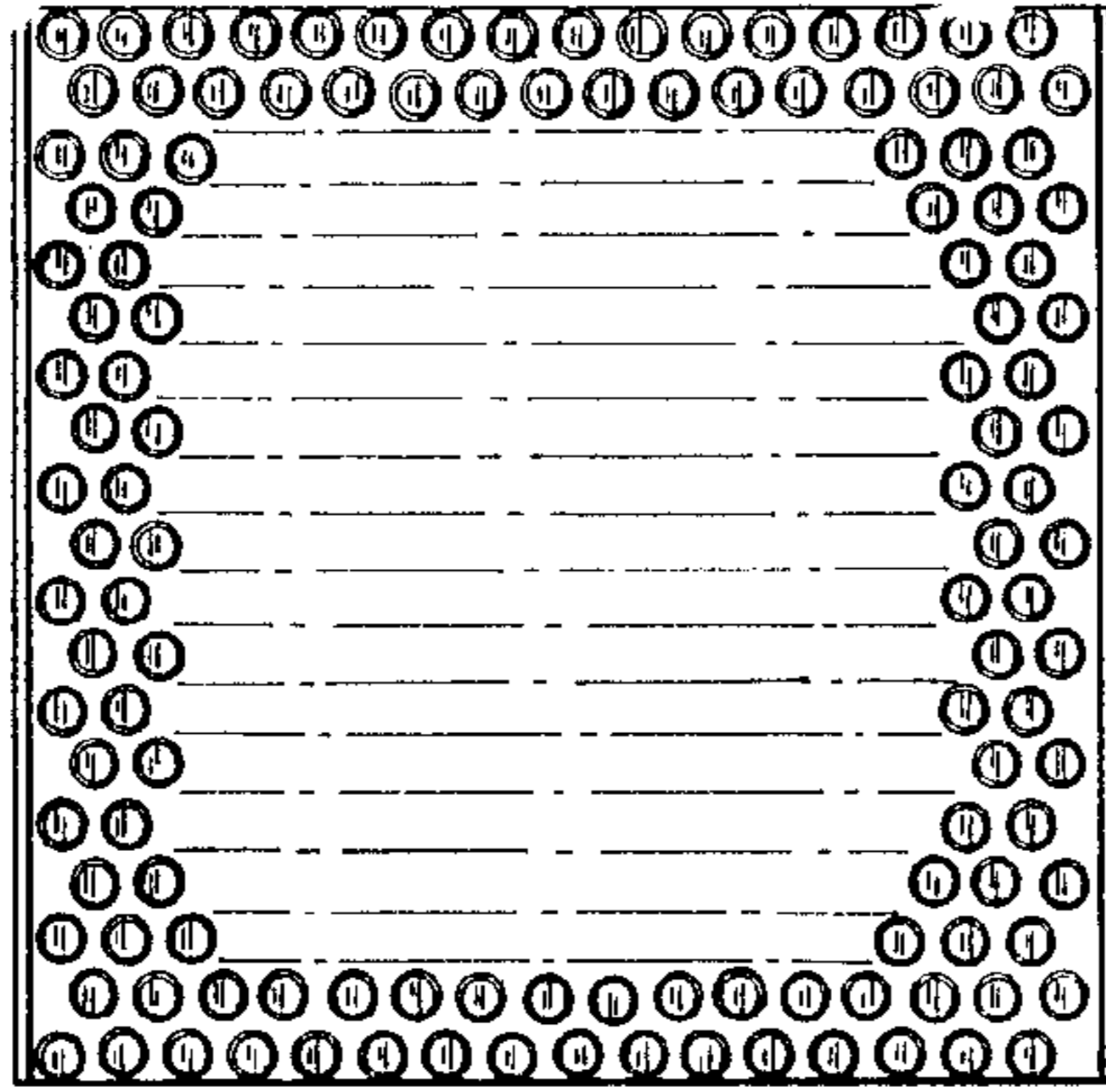
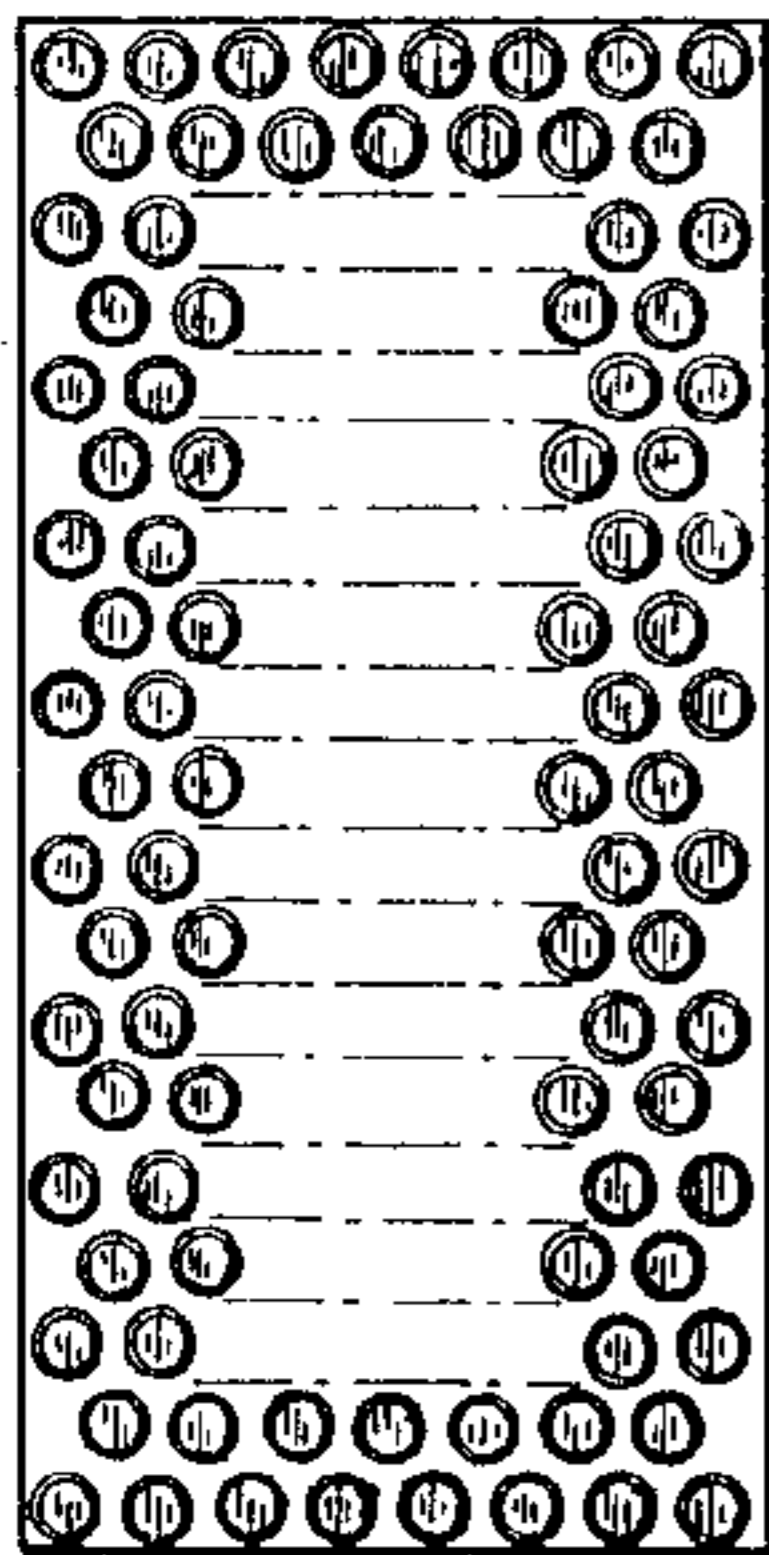
(57) **CLAIM**

The ornamental design of wear resistant tiles for lining a centrifuge bowl, as shown and described.

**DESCRIPTION**

FIG. 1 is a top plan view of a tile showing a first embodiment of my new design;  
 FIG. 2 is a right side elevational view thereof, the left side being a mirror image;  
 FIG. 3 is a front end view thereof, the rear end view being a mirror image; and  
 FIG. 4 is a bottom plan view thereof.  
 FIG. 5 is a top plan view of the tile showing a second embodiment of my new design;  
 FIG. 6 is a right side elevation view thereof;  
 FIG. 7 is a left side elevational view thereof;  
 FIG. 8 is a front end elevation view thereof, the rear end view being a mirror image; and  
 FIG. 9 is a bottom plan view thereof.  
 FIG. 10 is a top plan view of a tile showing a third embodiment of my new design;  
 FIG. 11 is a right side elevation view thereof;  
 FIG. 12 is a left side elevational view thereof;  
 FIG. 13 is a front end view thereof;  
 FIG. 14 is a rear end view thereof; and,  
 FIG. 15 is a bottom plan view thereof.  
 The broken line showing in the center of the tiles in FIGS. 1, 5 and 10 in the drawings represents a continuous pattern.

**1 Claim, 3 Drawing Sheets**



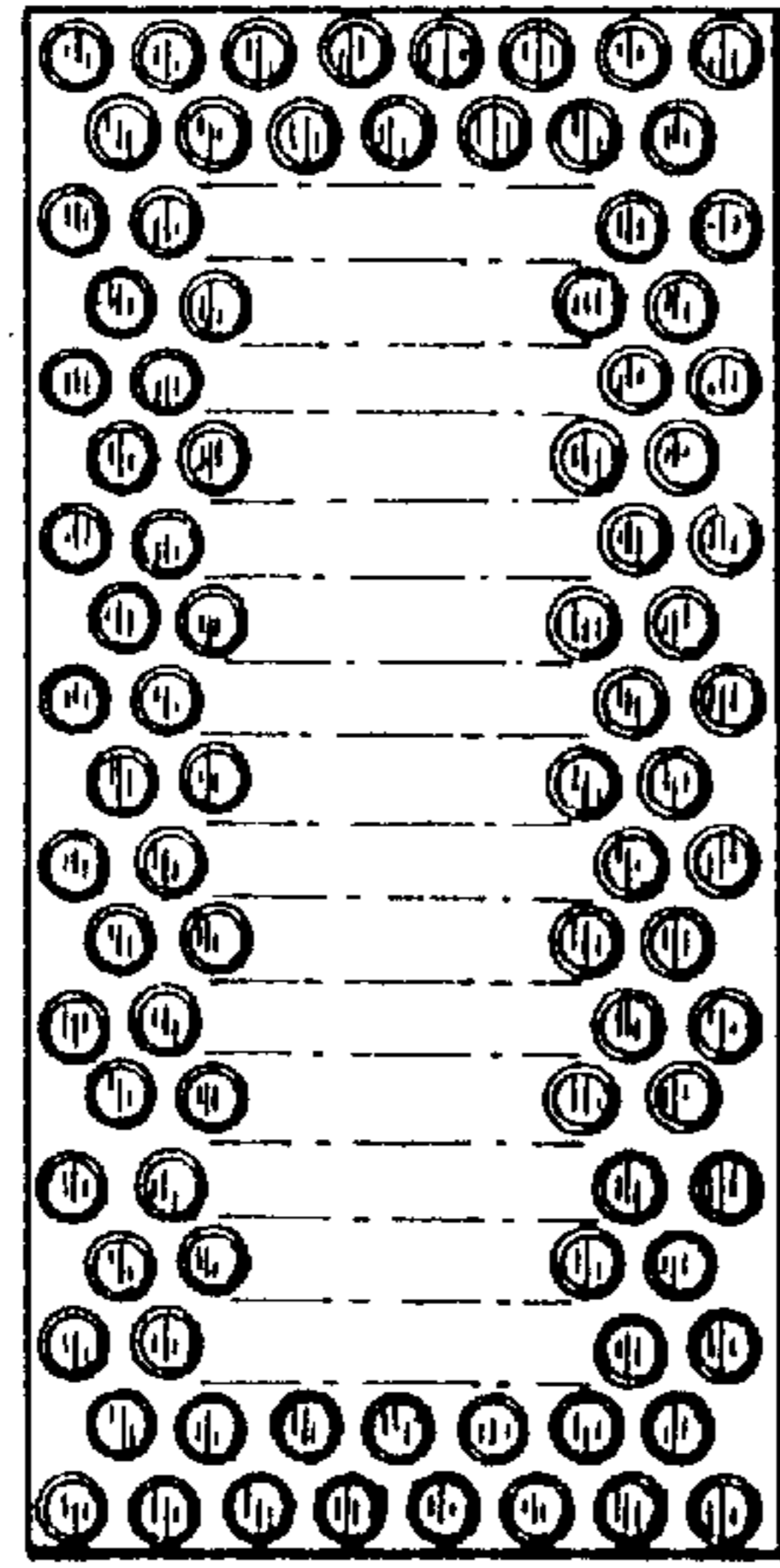


FIG. 1



FIG. 2



FIG. 3

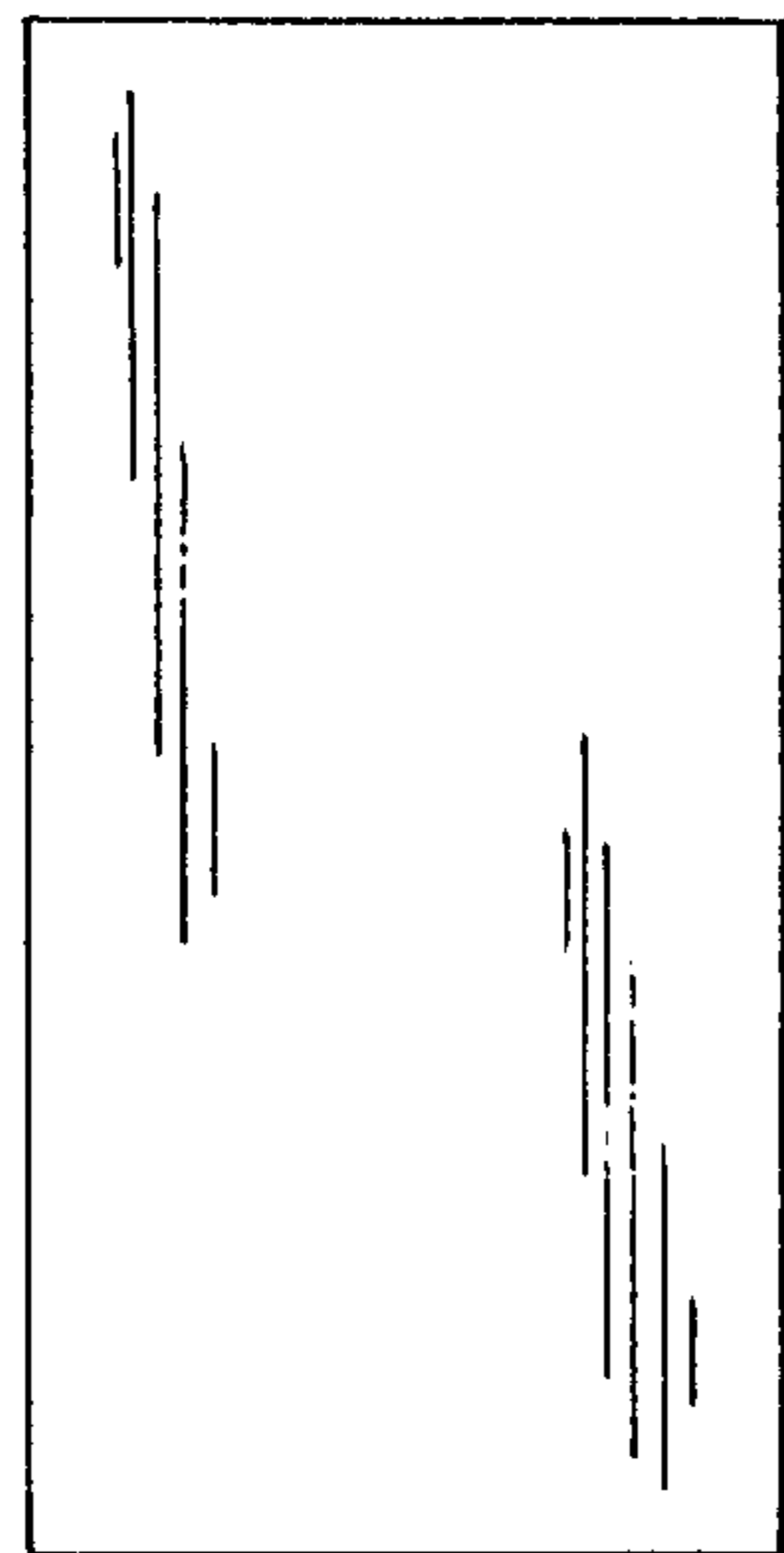


FIG. 4



FIG. 7

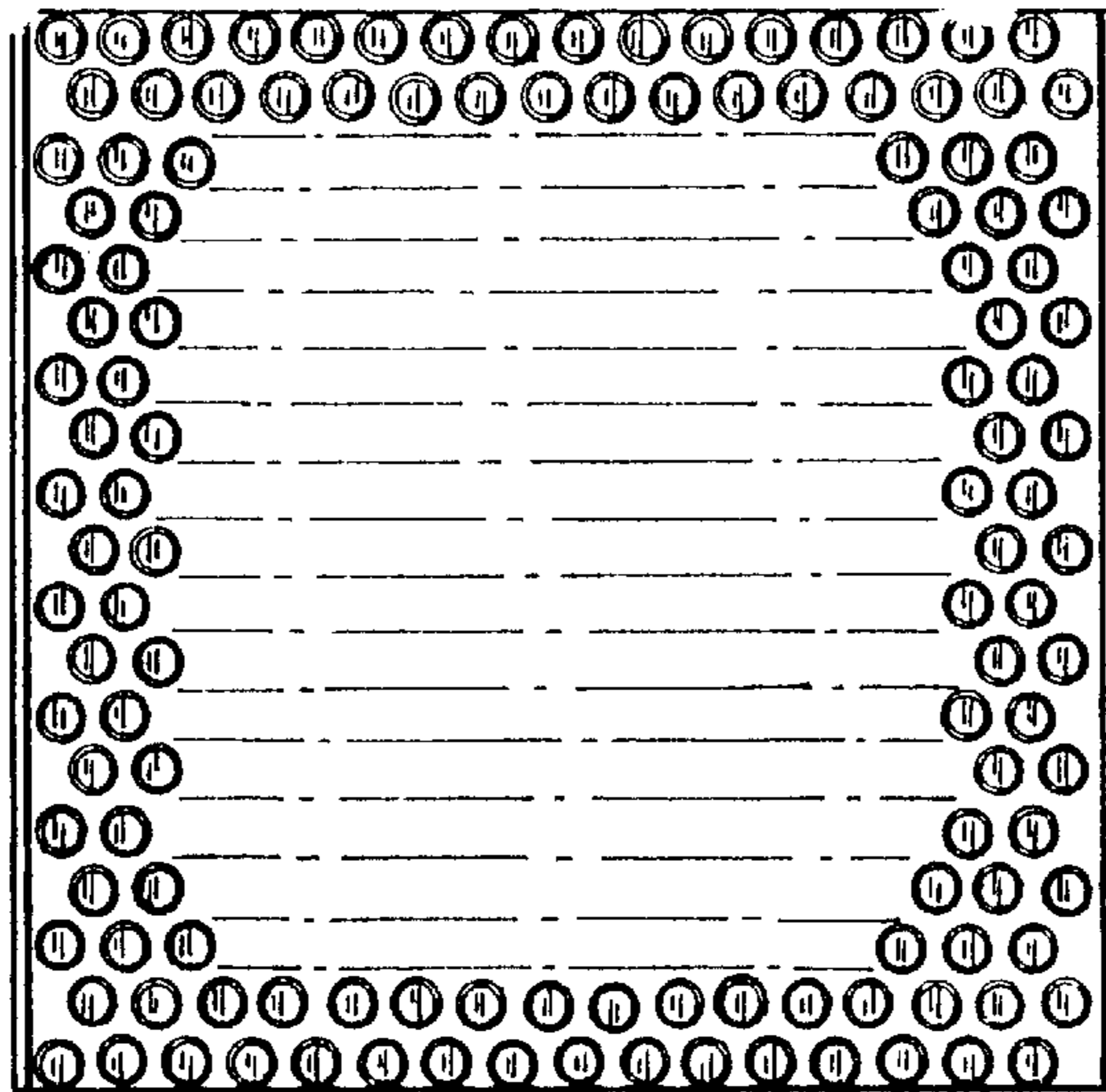


FIG. 5



FIG. 6



FIG. 8

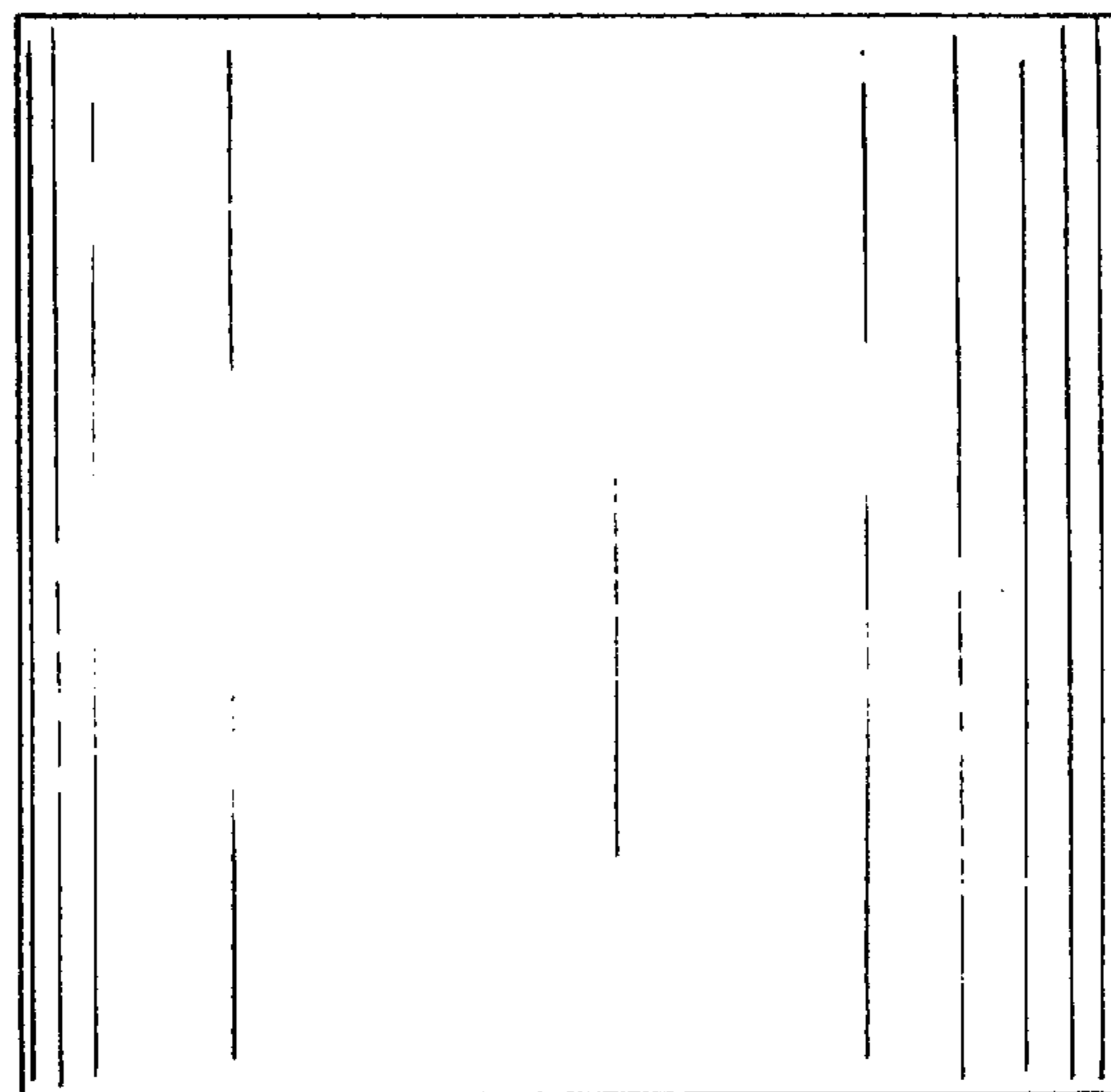


FIG. 9

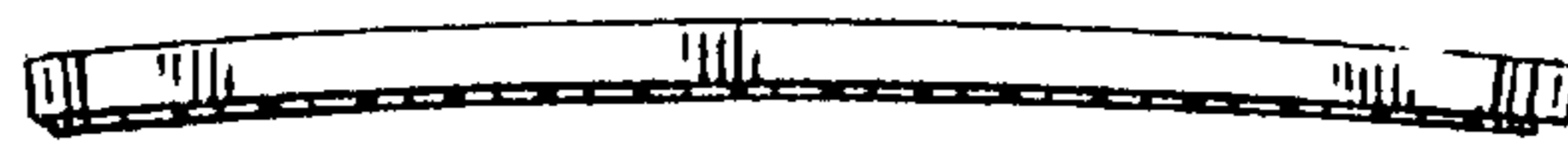


FIG. 14



FIG. 12

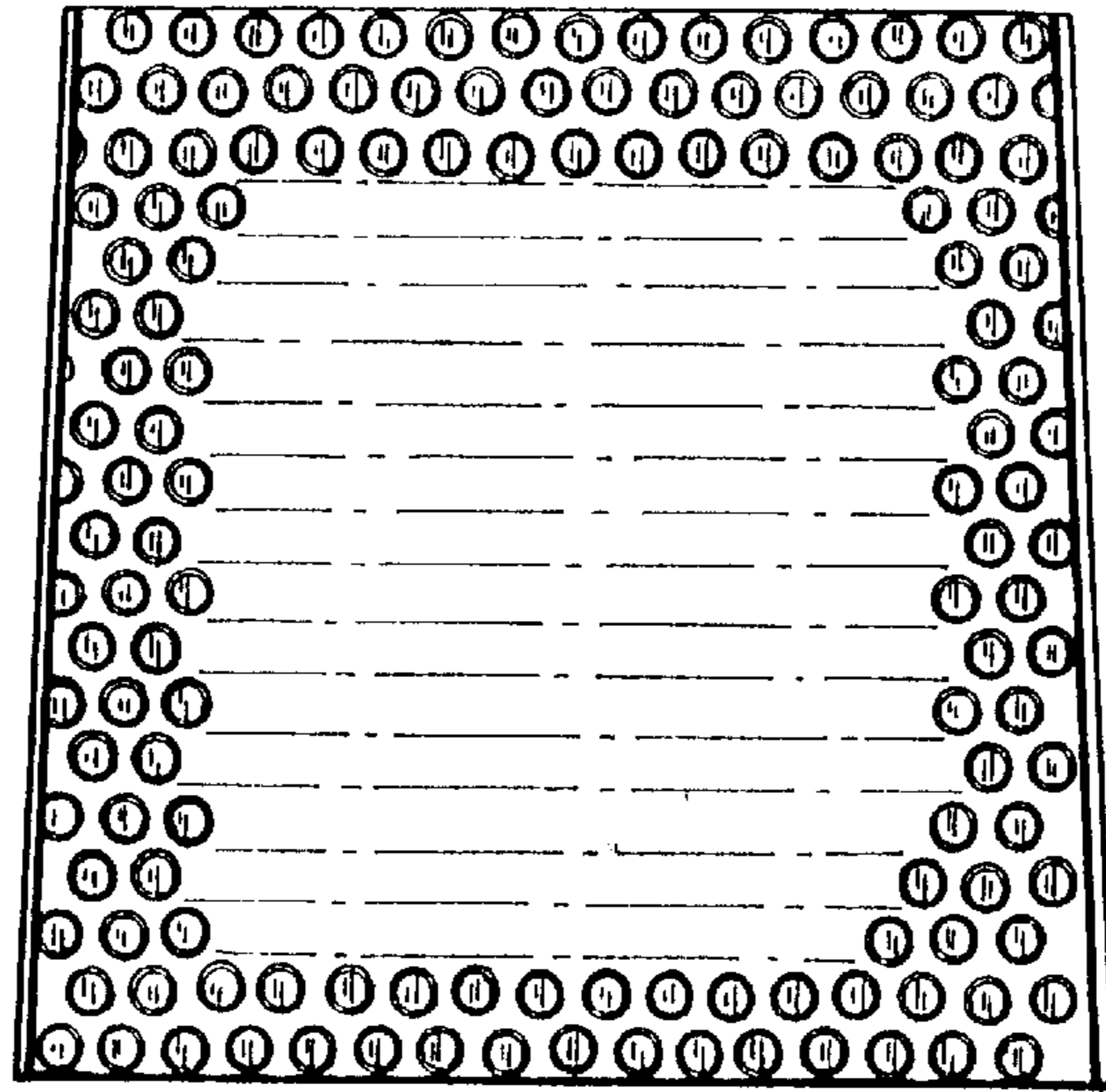


FIG. 10



FIG. 11



FIG. 13

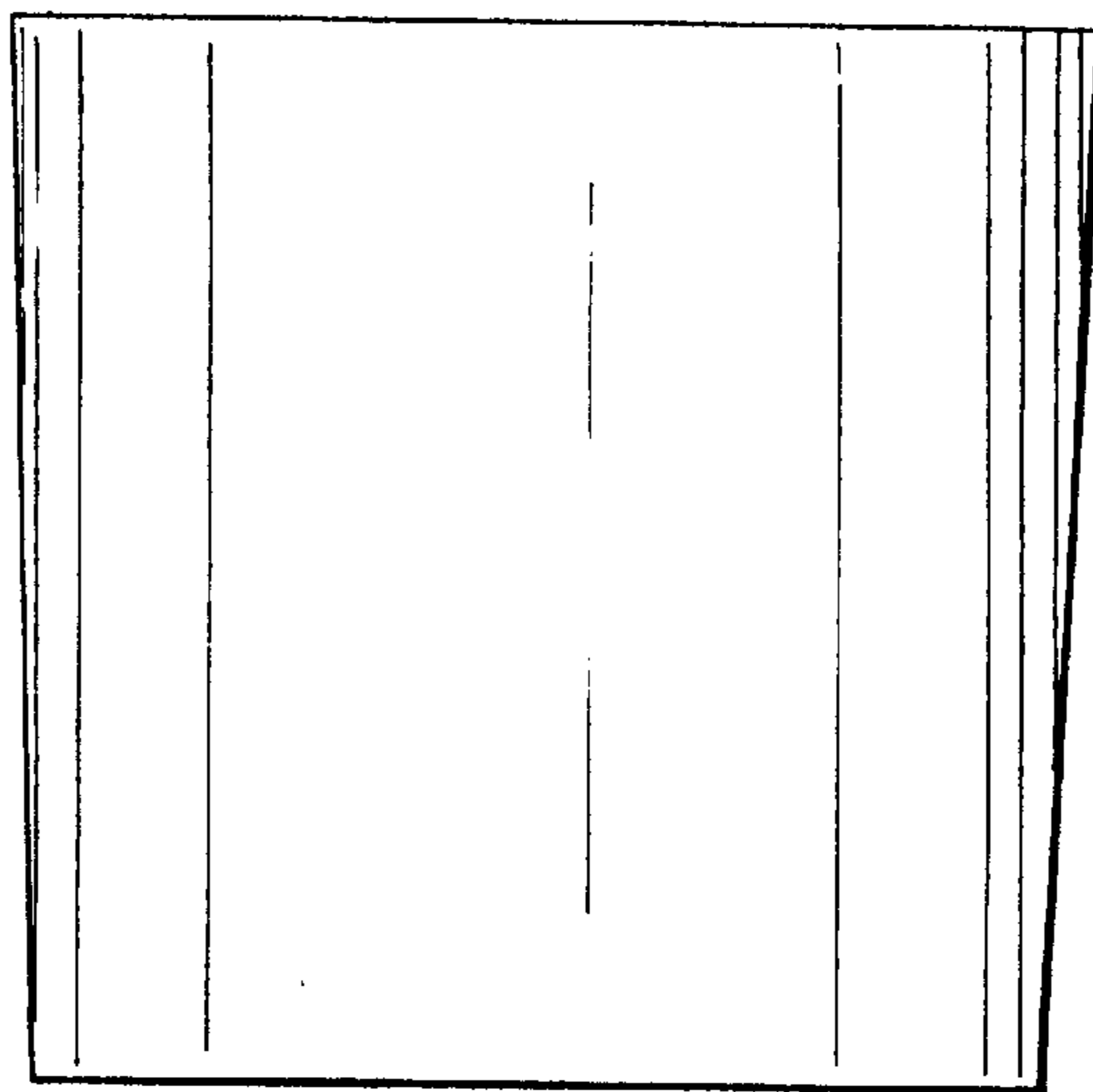


FIG. 15

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : Des. 448,488 S  
DATED : September 25, 2001  
INVENTOR(S) : Chaffiotte et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page,

Item [75], Inventors, after "New Bedford;" delete "**Steven J. Orphanos**" and insert therefor -- **Steven J. Orphanos** --.

Signed and Sealed this

Eleventh Day of November, 2003

A handwritten signature in black ink, appearing to read "James E. Rogan", with a horizontal line drawn underneath it.

JAMES E. ROGAN  
*Director of the United States Patent and Trademark Office*