



US00D792575S

(12) **United States Design Patent** (10) **Patent No.:** **US D792,575 S**  
**Buzanowski et al.** (45) **Date of Patent:** **\*\* Jul. 18, 2017**

(54) **COATED SCREEN FOR LARGE PARTICLE  
ASH CONTROL**

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(71) Applicant: **Integrated Global Services, Inc.**,  
Midlothian, VA (US)

(Continued)

(72) Inventors: **Mark A. Buzanowski**, Richmond, VA  
(US); **Iain Stuart Hall**, Midlothian, VA  
(US); **Richard B. Crawford**,  
Richmond, VA (US)

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*Primary Examiner* — David Muller

*Assistant Examiner* — Nathan Johnston

(73) Assignee: **Integrated Global Services, Inc.**,  
Midlothian, VA (US)

(74) *Attorney, Agent, or Firm* — Norton Rose Fulbright  
US LLP

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

(57) **CLAIM**

(21) Appl. No.: **29/593,248**

The ornamental design for a coated screen for large particle  
ash control, as shown and described.

(22) Filed: **Feb. 7, 2017**

**DESCRIPTION**

**Related U.S. Application Data**

(62) Division of application No. 29/452,079, filed on Apr.  
11, 2013, now Pat. No. Des. 781,408.

(51) **LOC (10) Cl.** ..... **23-01**

(52) **U.S. Cl.**  
USPC ..... **D23/386**

(58) **Field of Classification Search**

USPC ..... D23/365, 209, 363, 358, 386, 354, 341,  
D23/364; 55/385.3, 502, 497, 506, 505,  
55/521, 495, 422, 493, DIG. 30;  
210/435, 130, 136, 248, 339, 448, 452,  
210/497.1; D15/5

CPC ..... B01D 46/103; B01D 39/10; B01D  
2258/0283; B01D 2275/20; B01D  
2275/206; F23J 3/04; Y10T 29/4973

See application file for complete search history.

Exemplary applications of such coated screen for large  
particle ash control are further described in co-pending and  
commonly-assigned U.S. patent application Ser. No. 13/633,  
717 entitled “Apparatus and Methods for Large Particle Ash  
Separation From Flue Gas Using Screens Having Semi-  
Elliptical Cylinder Surfaces,” filed Oct. 2, 2012 and issued  
Jan. 20, 2015 as U.S. Pat. No. 8,936,662.

In addition, the present application is related to U.S. Design  
application Ser. No. 29/452,332 entitled “High Surface Area  
Ash Removal Screen,” filed Apr. 15, 2013, and issued Feb.  
7, 2017 as U.S. D778,423. The disclosures of all applica-  
tions mentioned above are incorporated herein by reference  
in their entirety.

FIG. 1 is a front perspective view of the coated screen for  
large particle ash control;

FIG. 2 is a front elevation view thereof;

FIG. 3 is a back elevation view thereof;

FIG. 4 is a right elevation view thereof;

FIG. 5 is a left elevation view thereof;

FIG. 6 is a top plan view thereof; and,

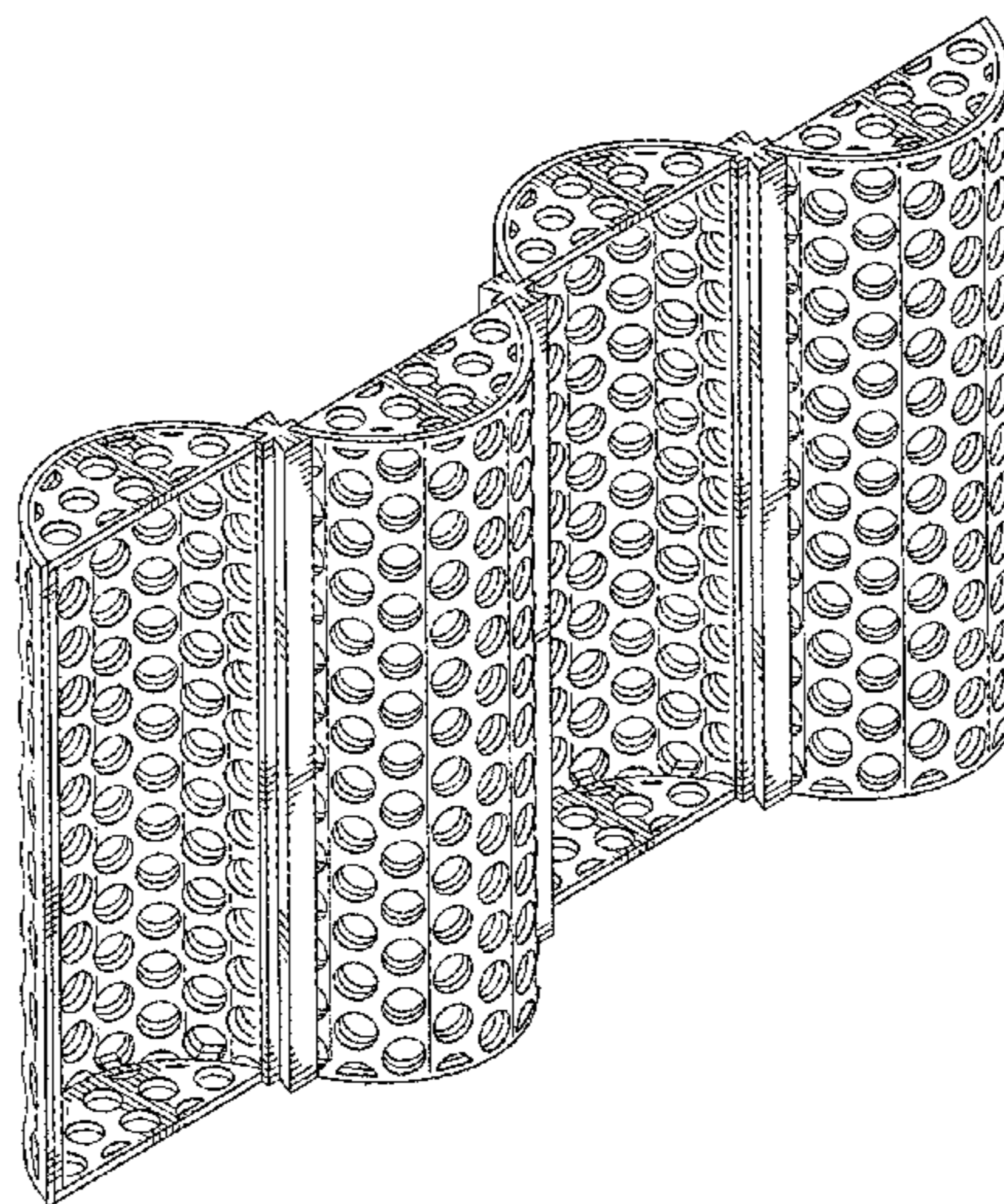
FIG. 7 is a bottom plan view thereof.

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**1 Claim, 5 Drawing Sheets**



(56)

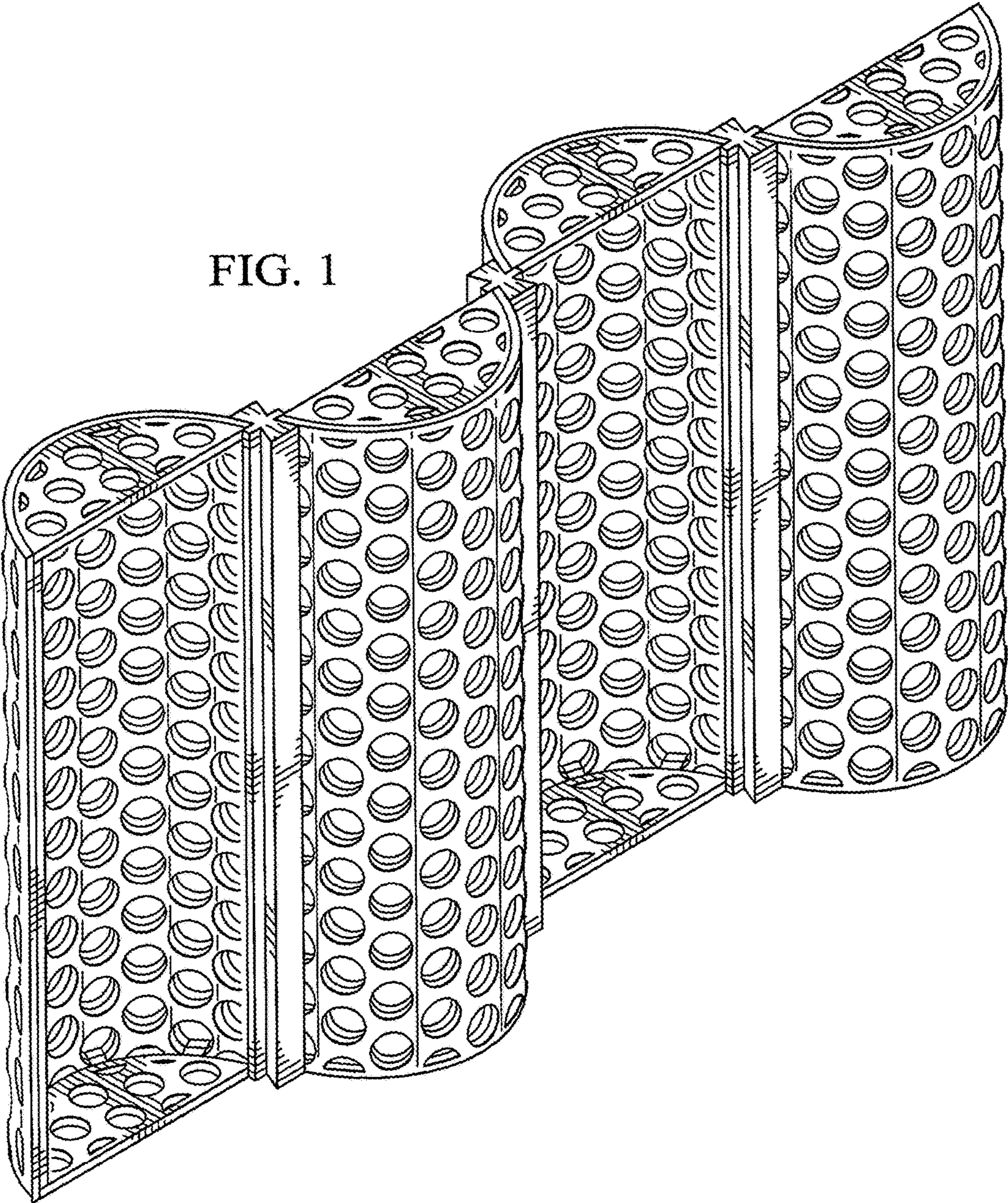
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FIG. 1



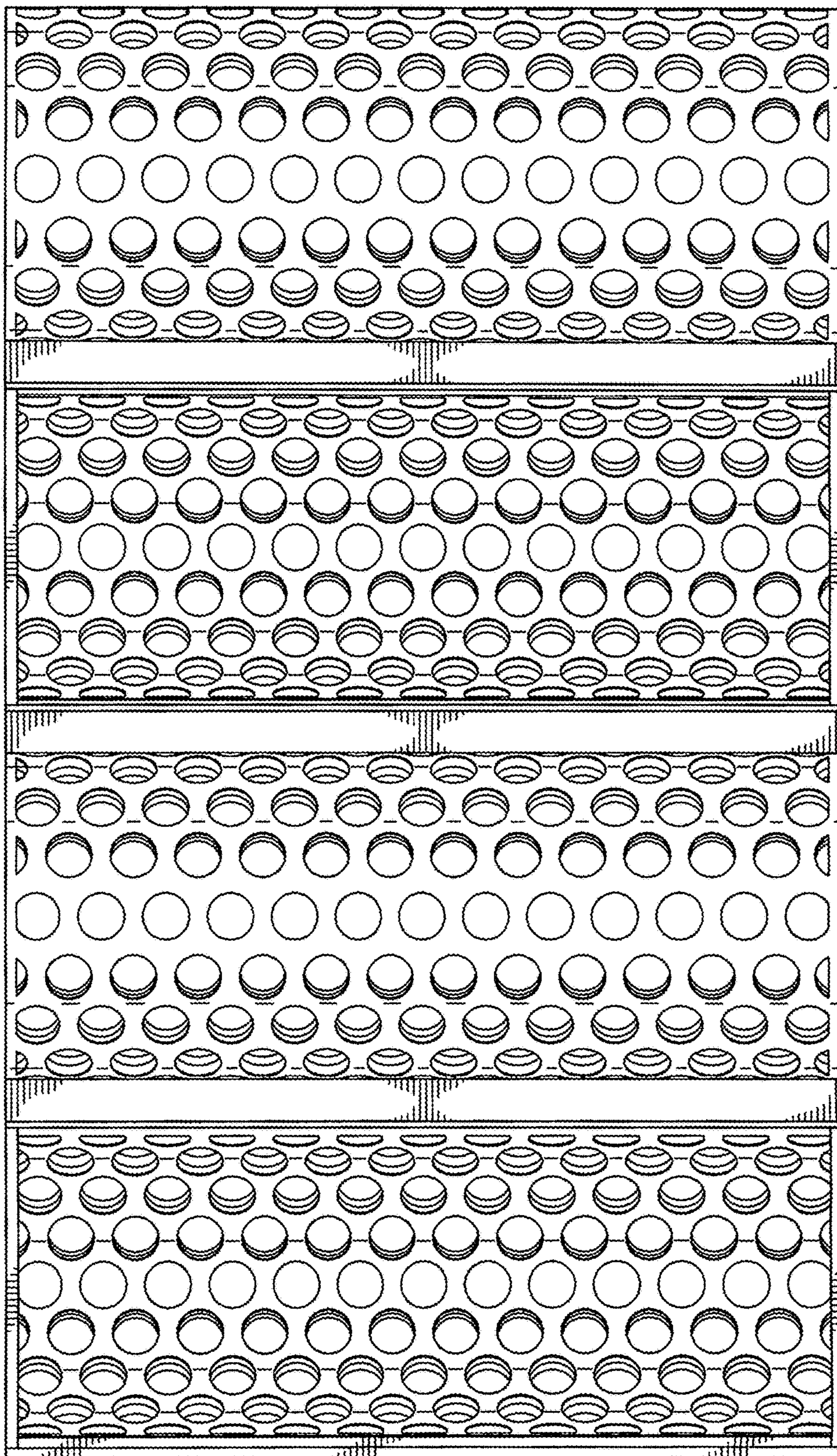


FIG. 2

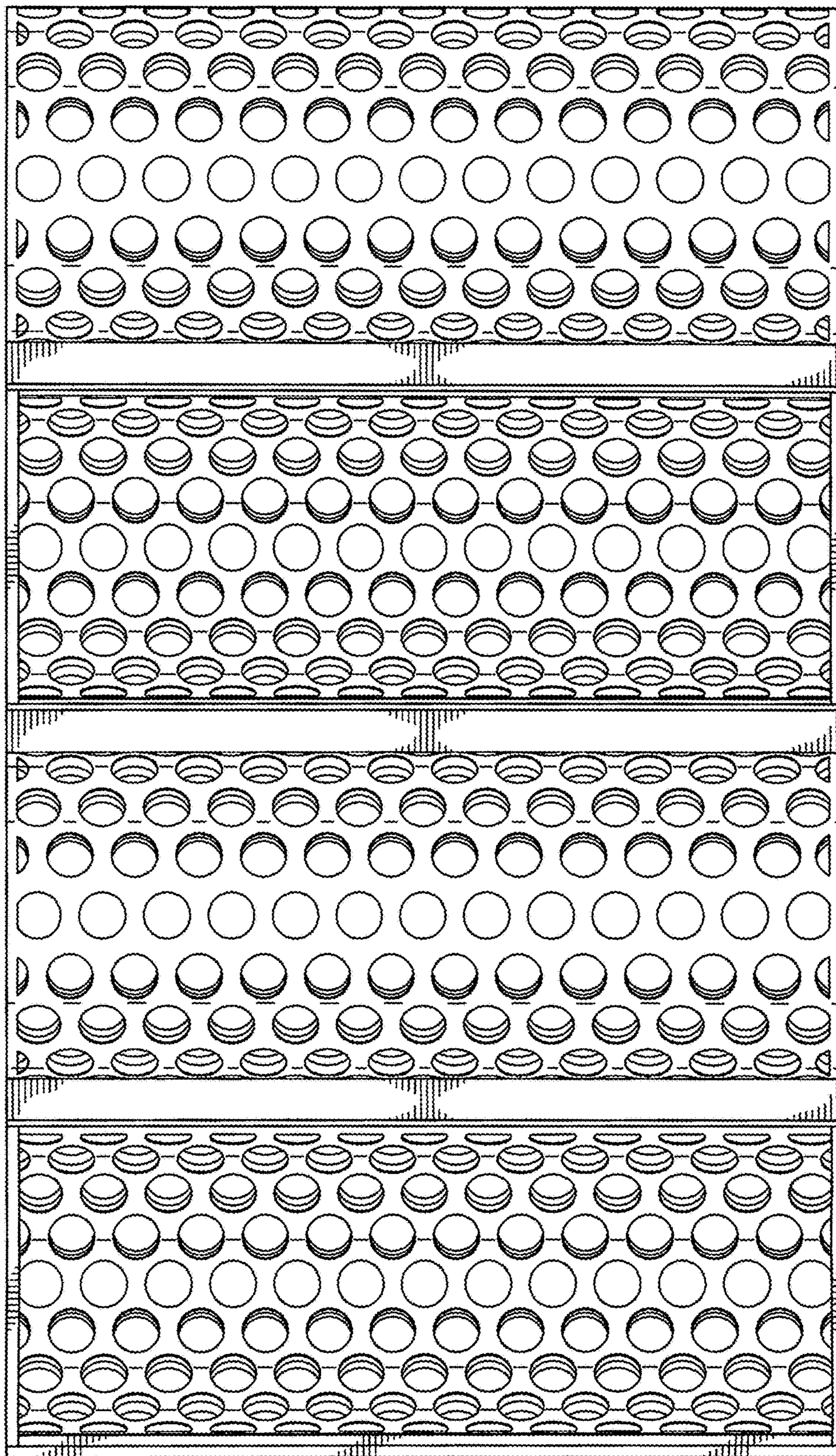


FIG. 3

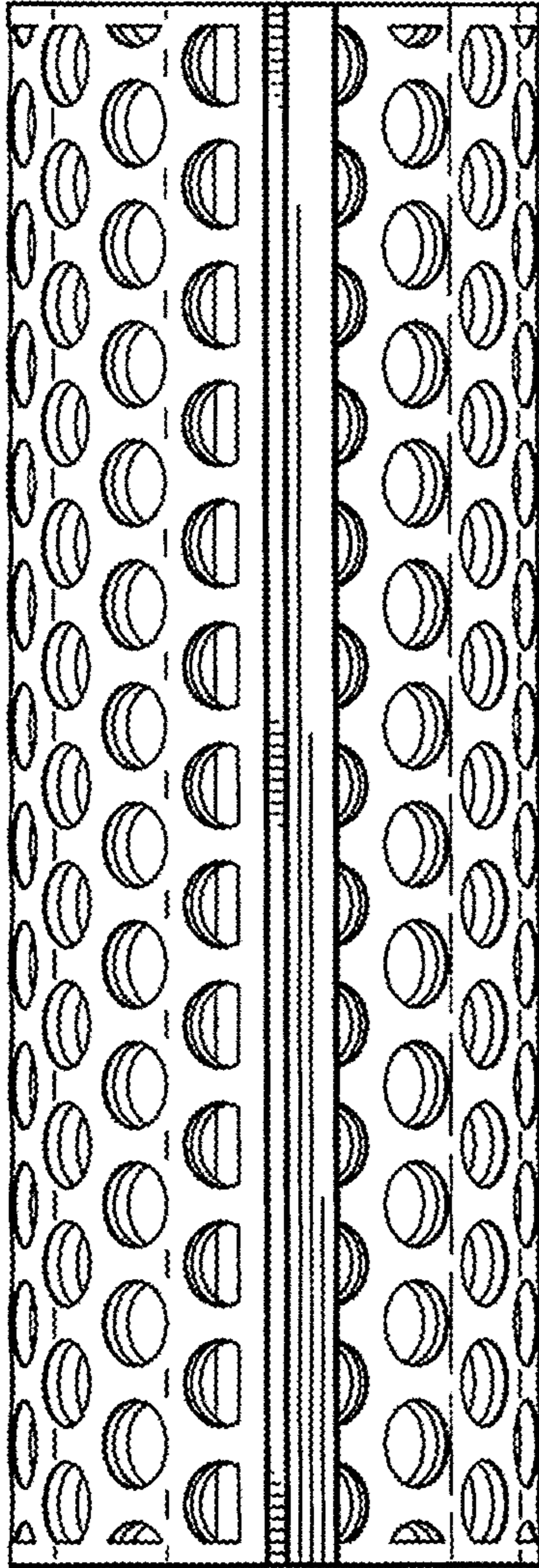


FIG. 4

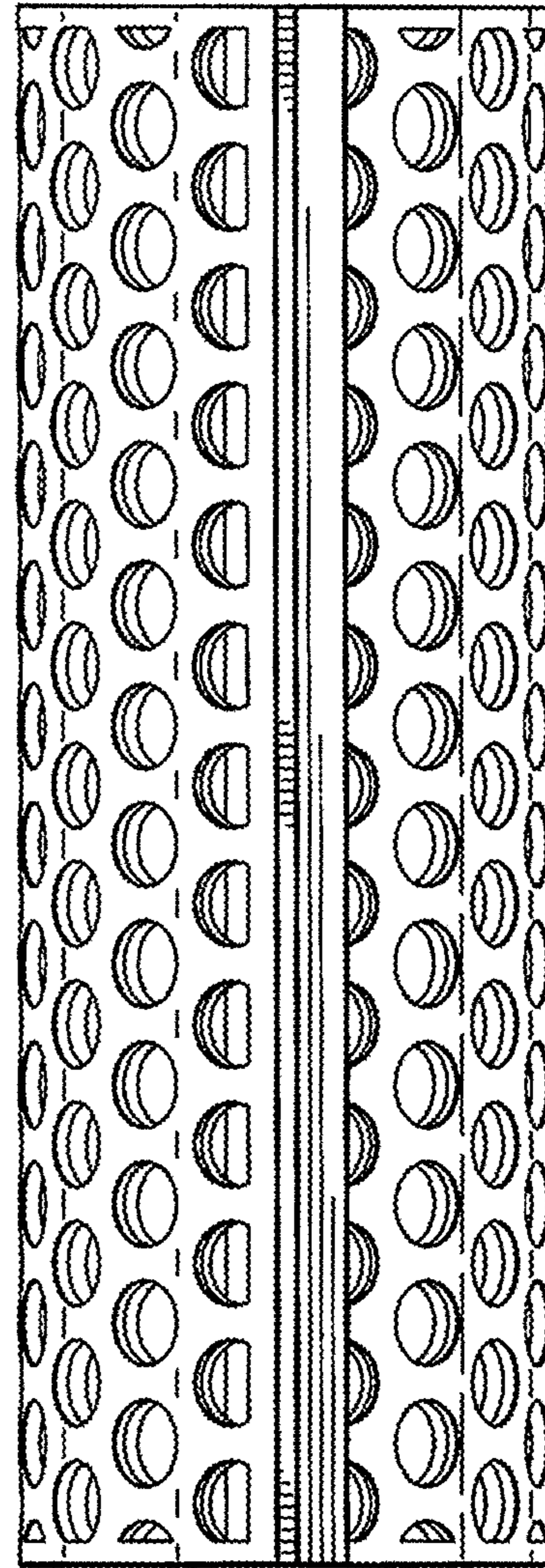
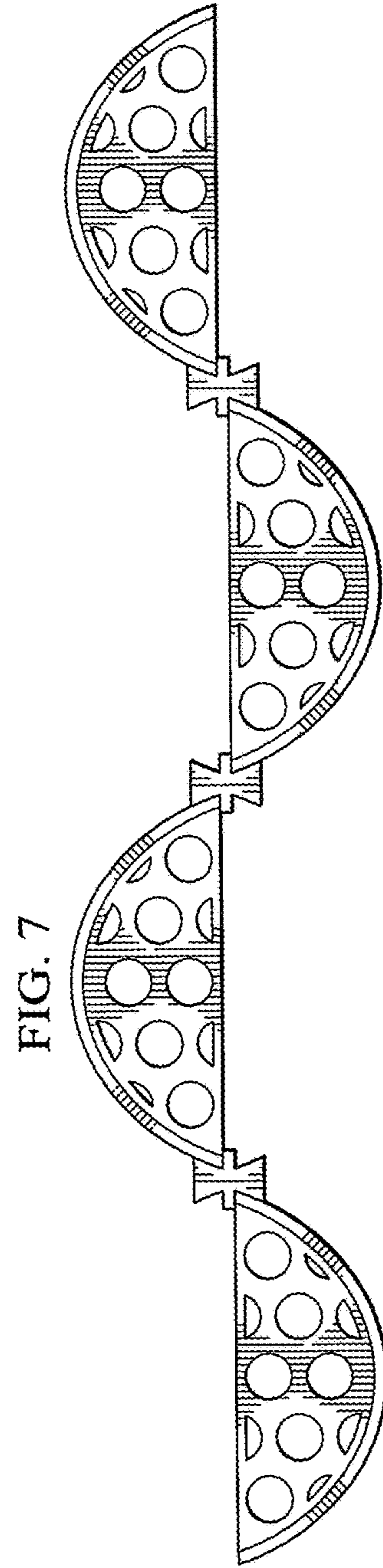
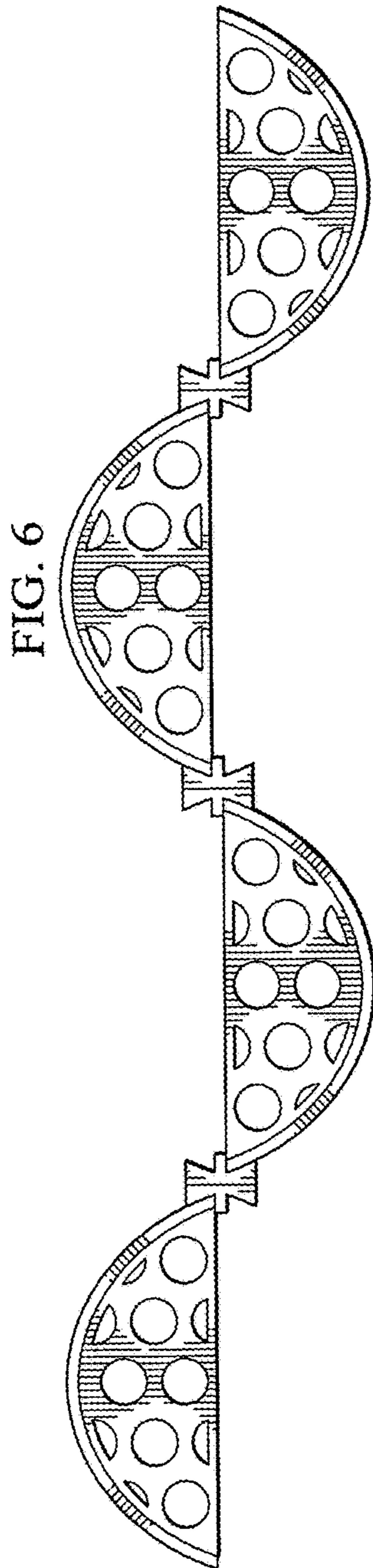


FIG. 5



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

PATENT NO. : D792,575 S  
APPLICATION NO. : 29/593248  
DATED : July 18, 2017  
INVENTOR(S) : Mark A. Buzanowski 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:

On the Title Page

Under Description, insert the following sentence after the portion of the text reading “U.S. Pat. No. 8,936,662”:

--The present application is a division of U.S. Design application Ser. No. 29/452,079 entitled “Coated Screen for Large Particle Ash Control” filed April 11, 2013, and issued March 14, 2017 as D781,408, and is related to concurrently filed U.S. Design application Ser. No. 29/593,246 and U.S. Design application Ser. No. 29/593,247 both entitled “Coated Screen for Large Particle Ash Control.”--

Signed and Sealed this  
Twenty-sixth Day of September, 2017



Joseph Matal  
*Performing the Functions and Duties of the  
Under Secretary of Commerce for Intellectual Property and  
Director of the United States Patent and Trademark Office*