

US00D792574S

(12) **United States Design Patent** (10) **Patent No.:** **US D792,574 S**
Buzanowski et al. (45) **Date of Patent:** **** Jul. 18, 2017**

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

FOREIGN PATENT DOCUMENTS

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(57) **CLAIM**

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

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

DESCRIPTION

(21) Appl. No.: **29/593,247**

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

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.

The present application is related to concurrently filed U.S.
Design application Ser. No. 29/593,246 and U.S. Design
application Ser. No. 29/593,248 both entitled “Coated
Screen for Large Particle Ash Control”. 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.
Pat. No. D. 778,423. The disclosures of all applications
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.

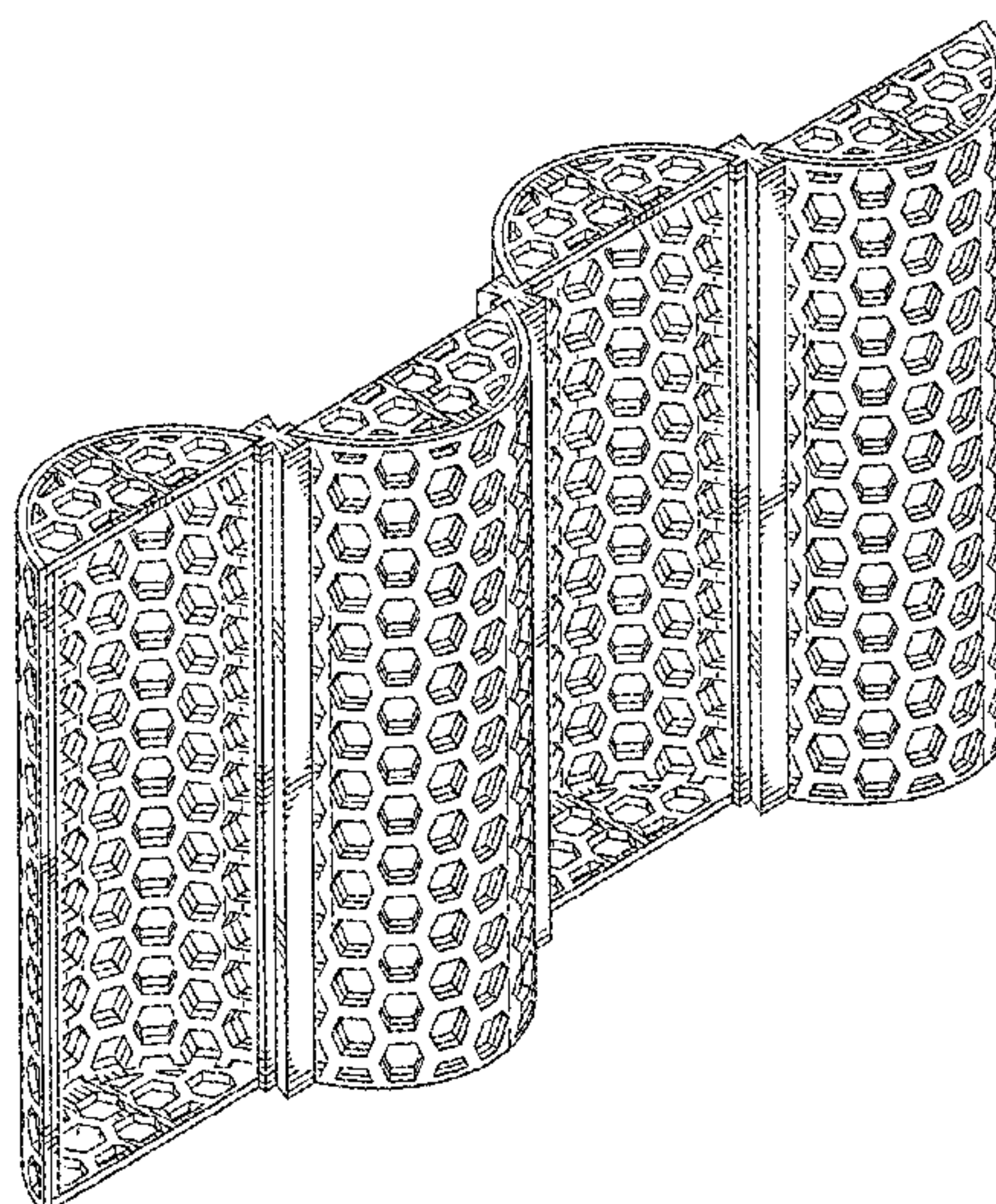
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1 Claim, 5 Drawing Sheets



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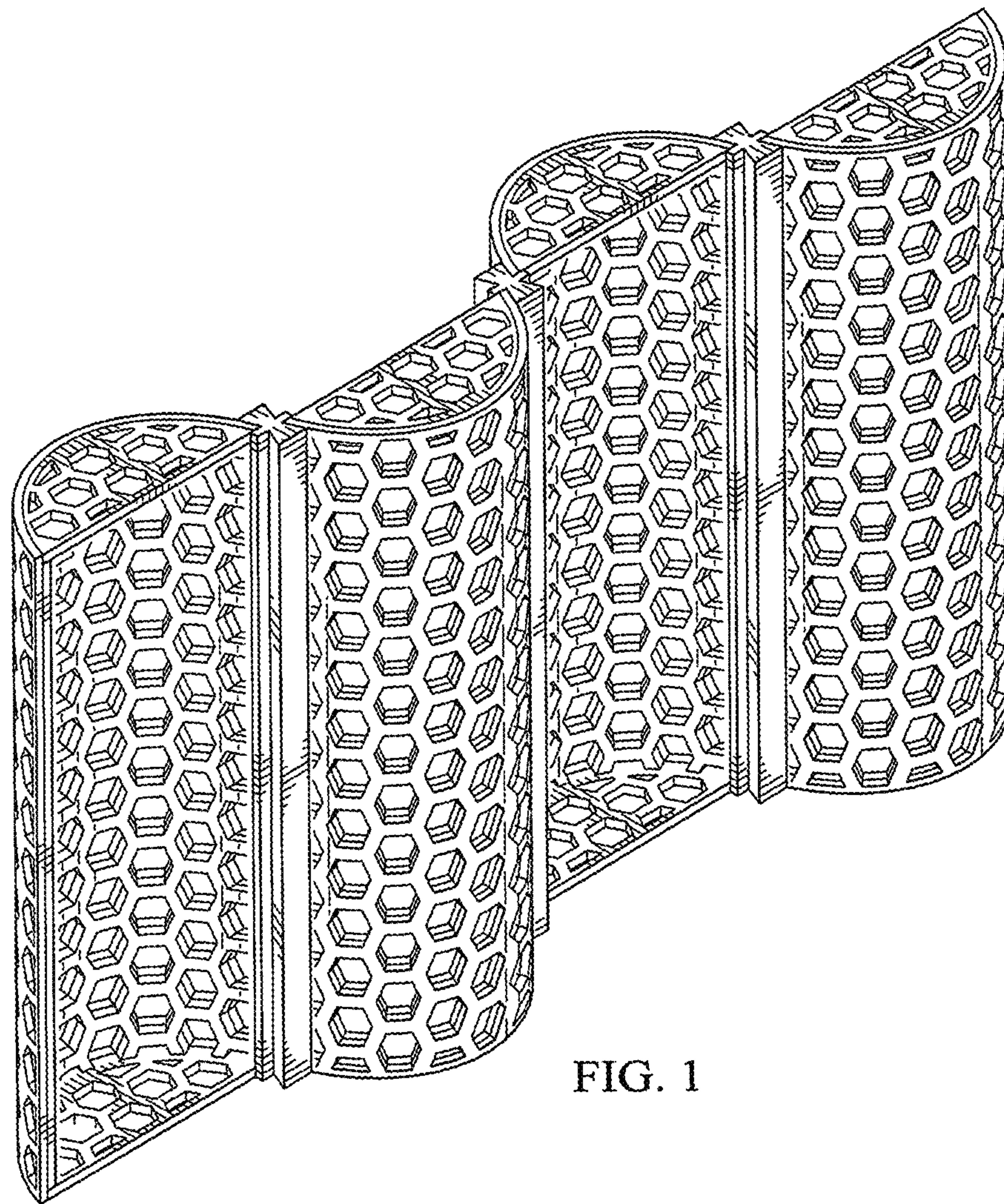


FIG. 1

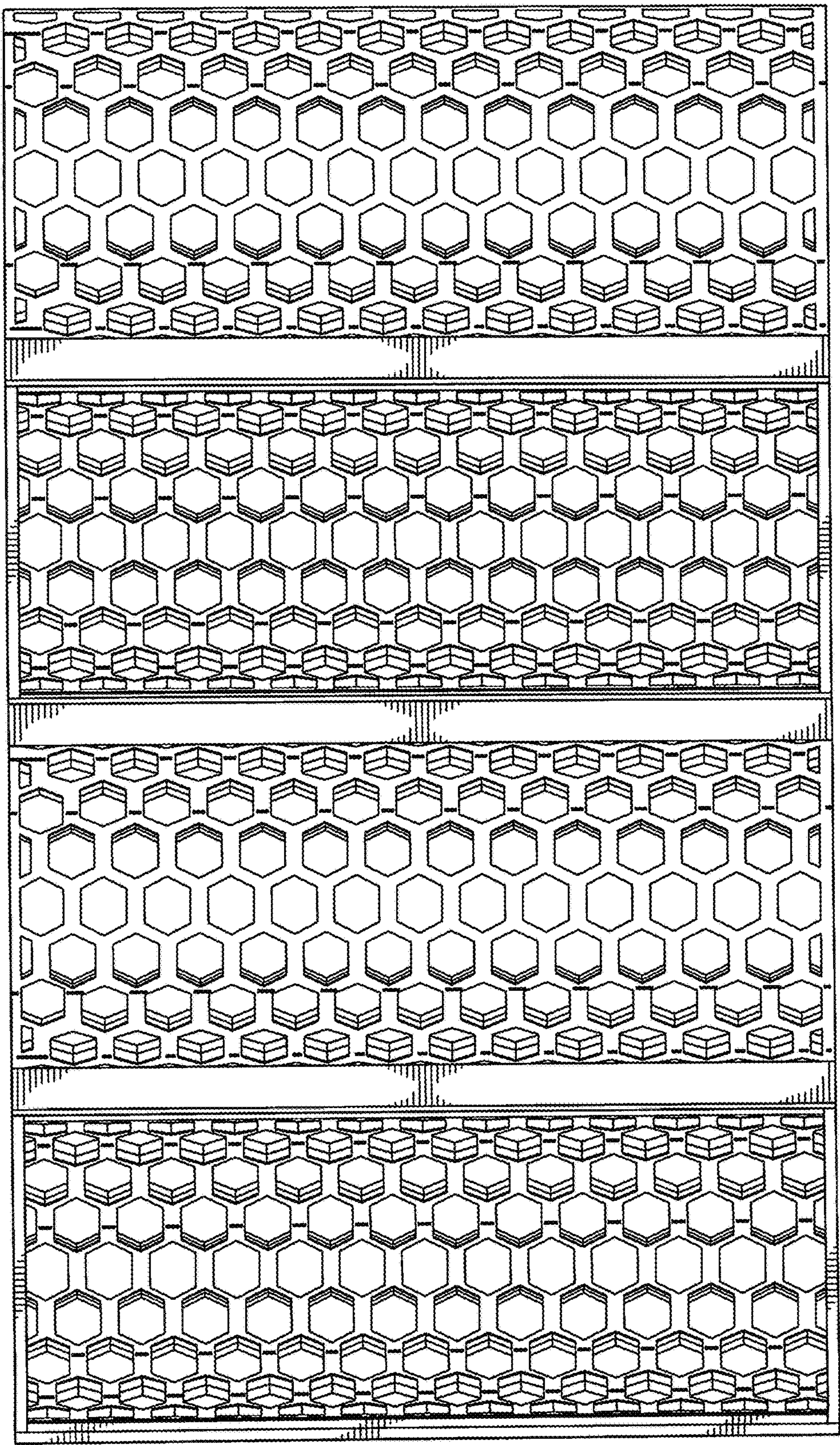


FIG. 2

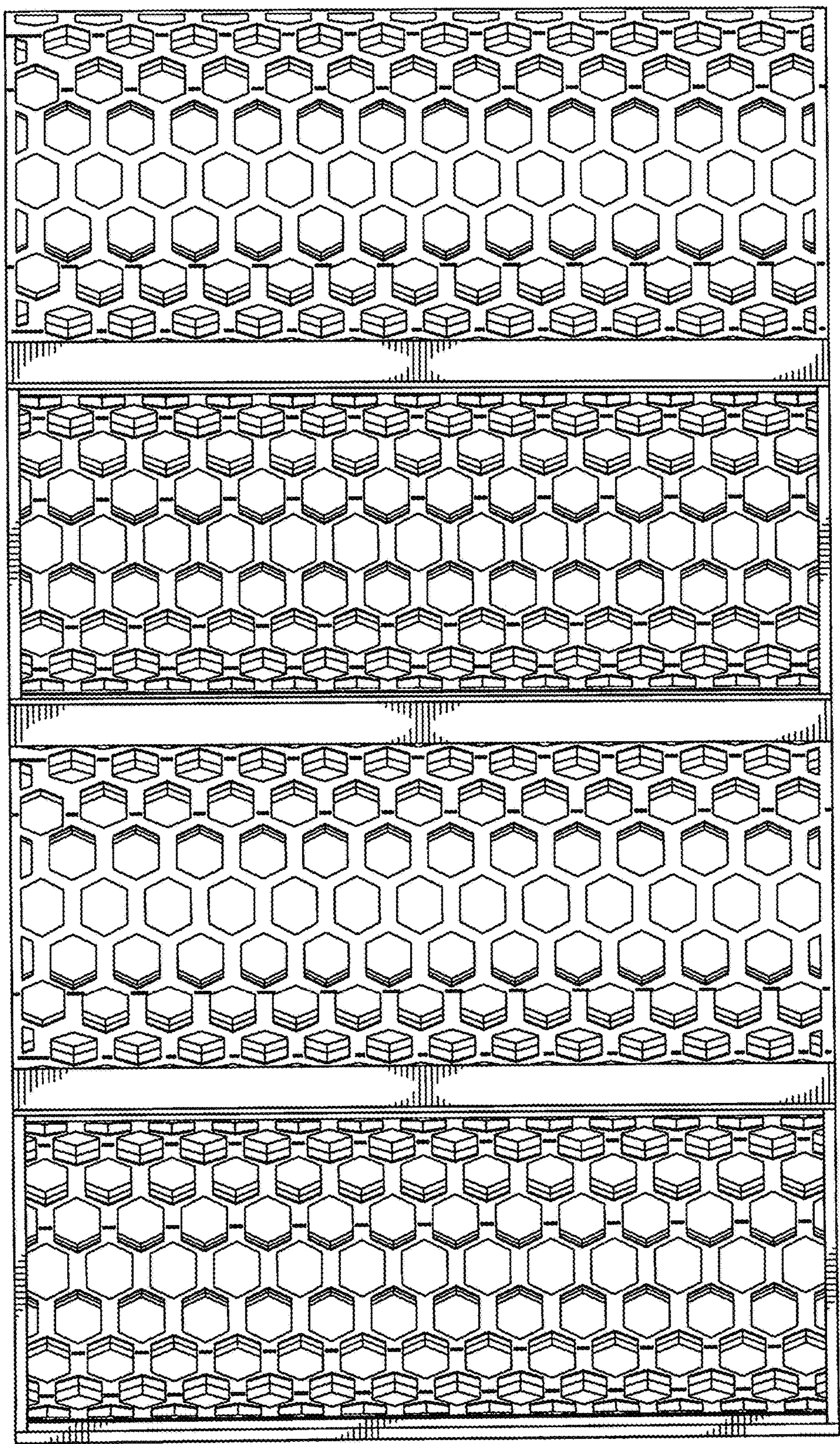


FIG. 3

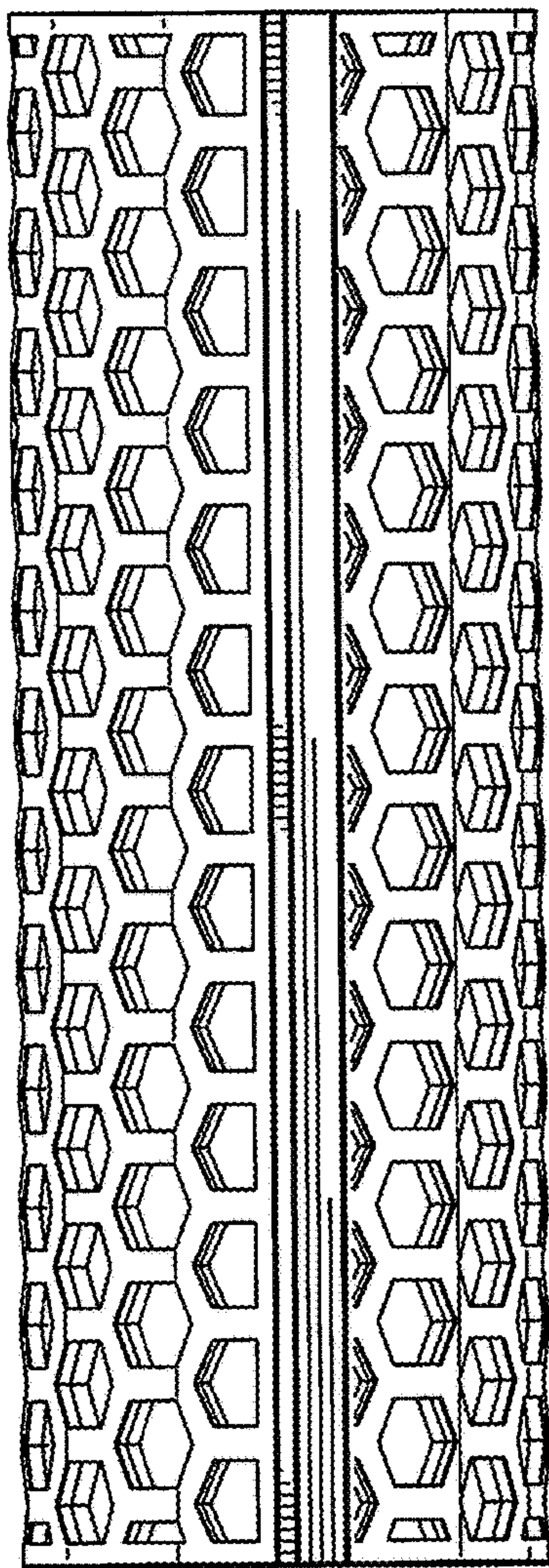


FIG. 4

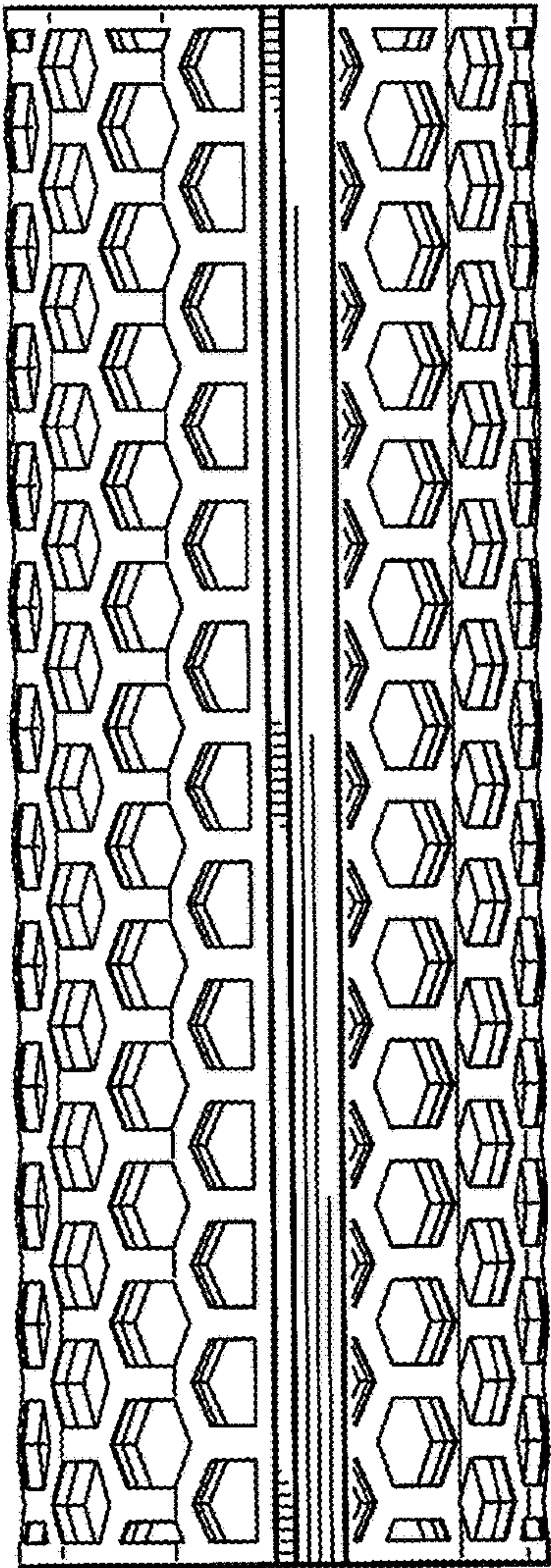


FIG. 5

FIG. 6

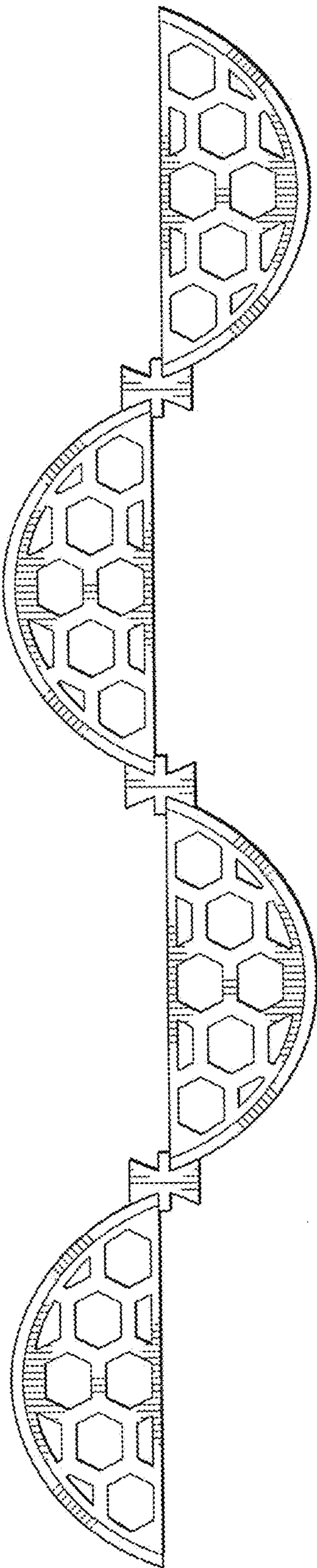
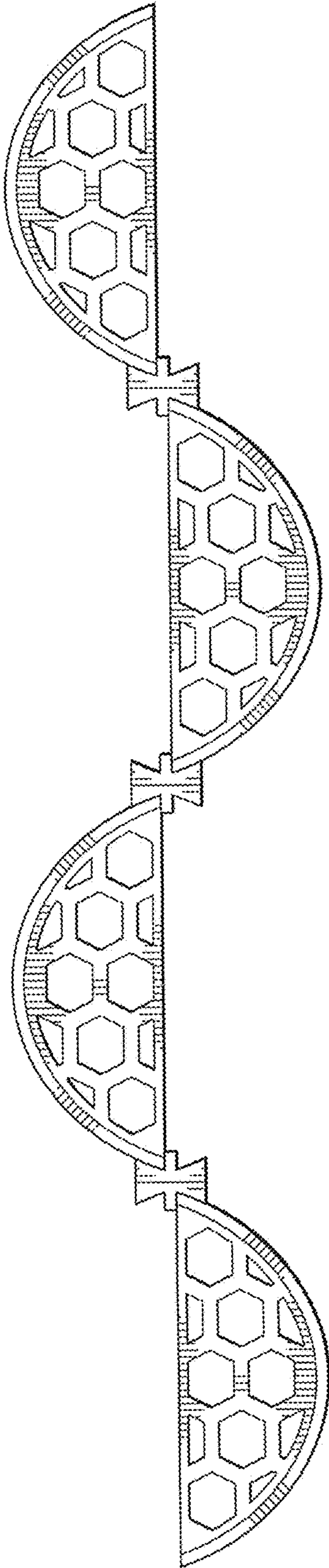


FIG. 7



UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : D792,574 S
APPLICATION NO. : 29/593247
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.--

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

A handwritten signature in cursive script that reads "Joseph Matal".

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*