



US00D803223S

(12) **United States Design Patent** (10) **Patent No.:** **US D803,223 S**  
**LaPree et al.** (45) **Date of Patent:** **\*\* Nov. 21, 2017**

(54) **ACOUSTIC DOOR**

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(73) Assignee: **International Business Machines Corporation**, Armonk, NY (US)

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

(21) Appl. No.: **29/559,054**

(22) Filed: **Mar. 24, 2016**

(51) **LOC (10) Cl.** ..... **14-02**

(52) **U.S. Cl.**  
USPC ..... **D14/441**

(58) **Field of Classification Search**  
USPC ..... D14/240, 300, 301, 308, 313, 314,  
D14/348-356, 364-368, 441-446, 188;  
D13/123, 158, 162, 184, 199;  
312/223.1-223.3, 351.11;  
360/99.01-99.12; 369/34.01-36.01;  
(Continued)

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(57) **CLAIM**

The ornamental design for an “acoustic door,” as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of the left side, front, and top of a first embodiment of an acoustic door for a computer

server rack, it being understood that the illustrated acoustic door can be attached to a front portion or rear portion of a server rack.

FIG. 2 is a perspective view of the right side, front, and top of the first embodiment of the acoustic door of FIG. 1.

FIG. 3 is a perspective view of the right side, rear, and bottom of the first embodiment of the acoustic door of FIG. 1.

FIG. 4 is a front view of the first embodiment of the acoustic door of FIG. 1.

FIG. 5 is a cross-sectional view of the first embodiment of the acoustic door along line 5-5 in FIG. 4.

FIG. 6 is a cross-sectional view of the first embodiment of the acoustic door along line 6-6 in FIG. 4.

FIG. 7 is a perspective cross-sectional view of the first embodiment of the acoustic door along line 7-7 in FIG. 1.

FIG. 8 is a rear view of the first embodiment of the acoustic door of FIG. 1.

FIG. 9 is a right side view of the first embodiment of the acoustic door of FIG. 1.

FIG. 10 is a left side view of the first embodiment of the acoustic door of FIG. 1.

FIG. 11 is a top view of the first embodiment of the acoustic door of FIG. 1.

FIG. 12 is a bottom view of the first embodiment of the acoustic door of FIG. 1.

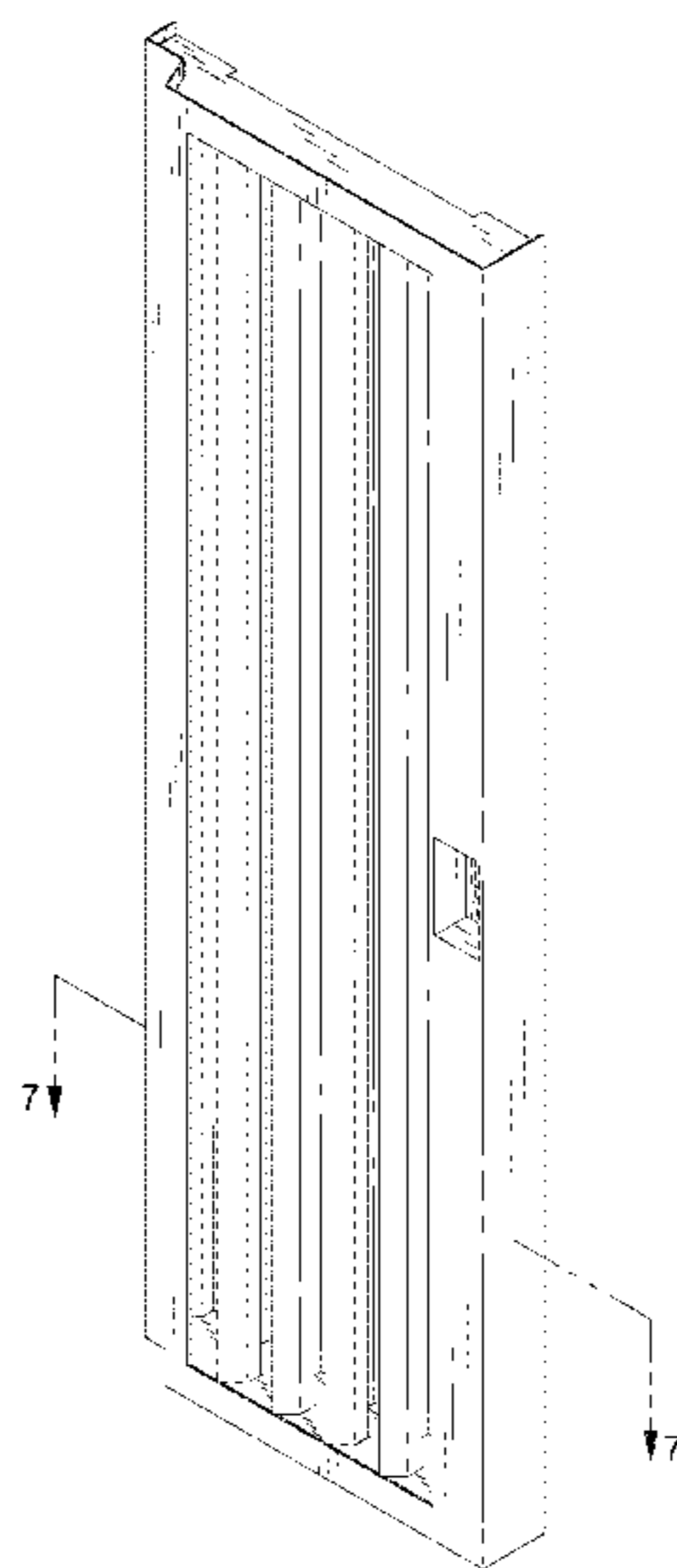
FIG. 13 is a perspective view of the first embodiment of the acoustic door of FIG. 1.

FIG. 14 is a front view of a second embodiment of the acoustic door. The undisclosed views of the second embodiment are the same as those shown in the first embodiment except for the latch; and,

FIG. 15 is a cross-sectional view of the second embodiment of the acoustic door along line 15-15 in FIG. 14.

The features shown in broken lines illustrate portions of the acoustic door and form no part of the claimed design.

**1 Claim, 10 Drawing Sheets**



(58) **Field of Classification Search**

USPC ..... 361/679.31-679.33, 679.37, 679.39,  
361/679.46, 679.53, 679.4, 679.41, 727  
CPC . G06F 1/20; G06F 1/181; G06F 1/187; G06F  
1/183; G06F 1/184; G06F 1/16; H05K  
7/16; H05K 7/1424; H05K 7/1409; H05K  
7/20; H05K 7/20545; H05K 7/20727;  
H05K 7/1425; H05K 7/1488; H05K  
7/183; H05K 7/14; H05K 5/00; H05K  
7/00; H05H 7/20; G11B 33/126; G11B  
33/128; G11B 33/08; G11B 33/02

See application file for complete search history.

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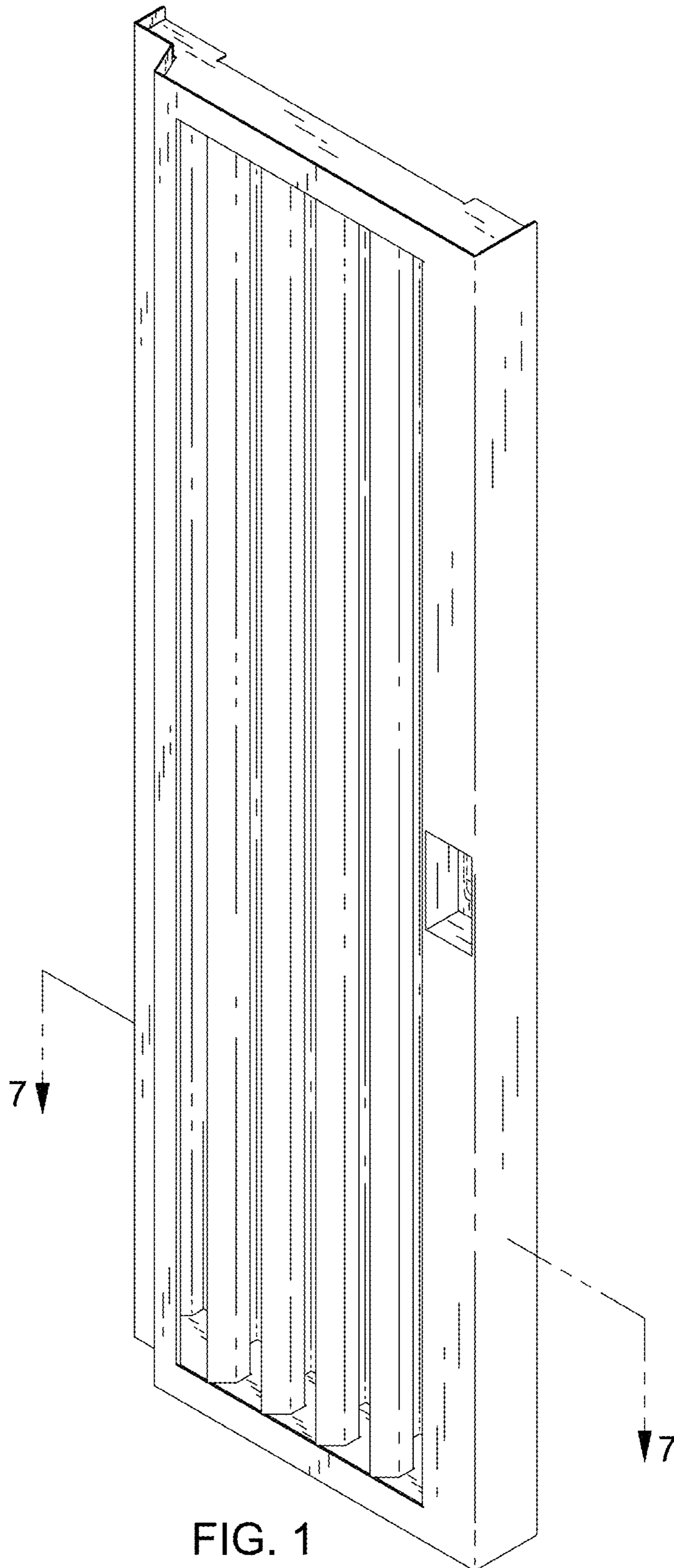


FIG. 1

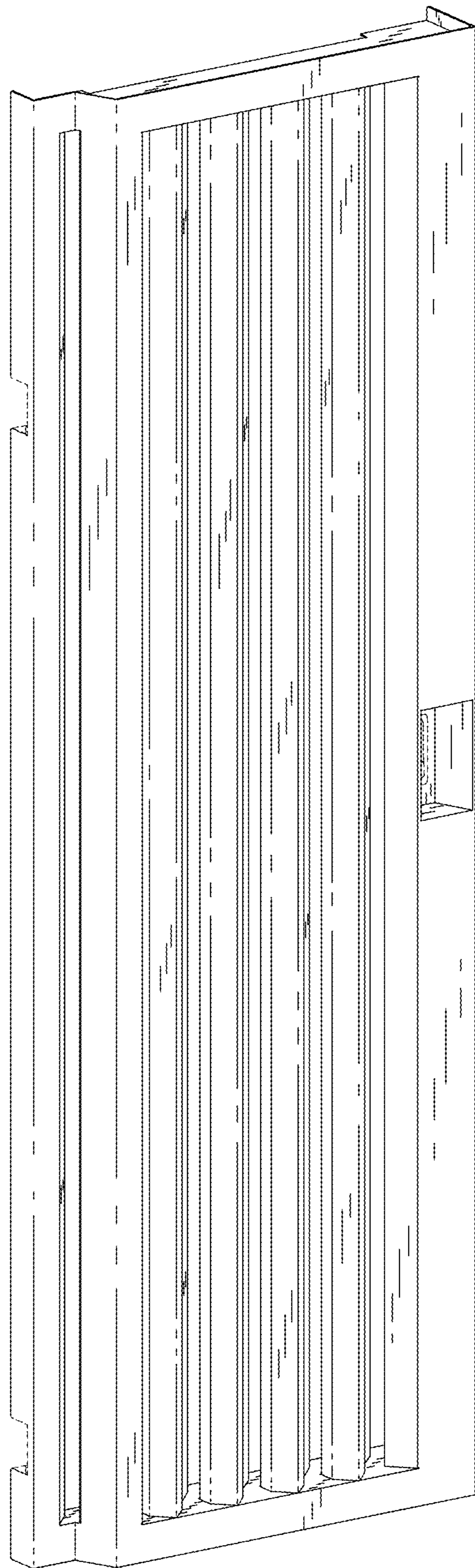


FIG.2

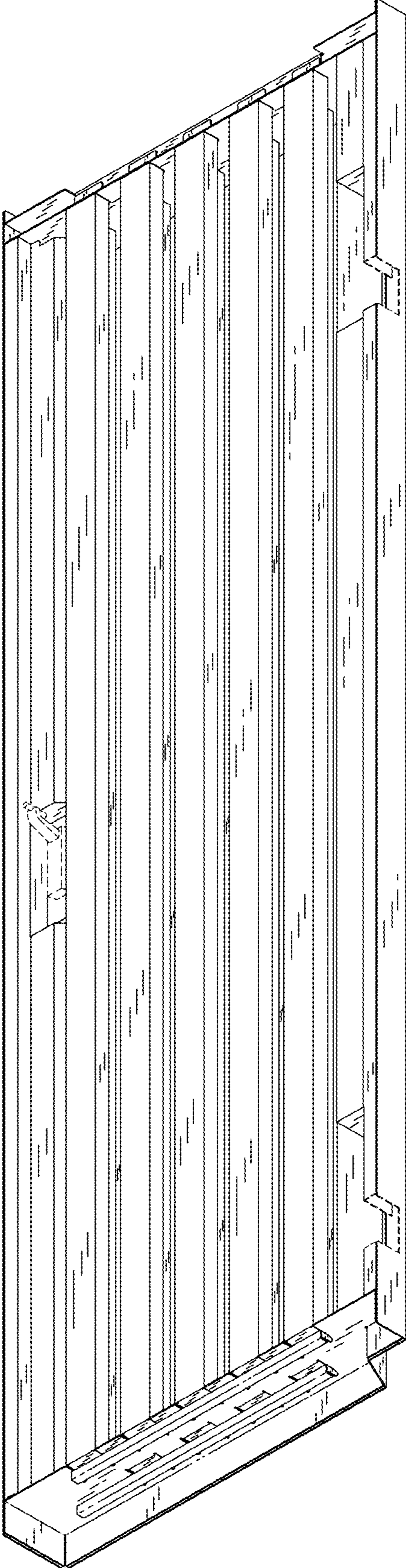


FIG. 3

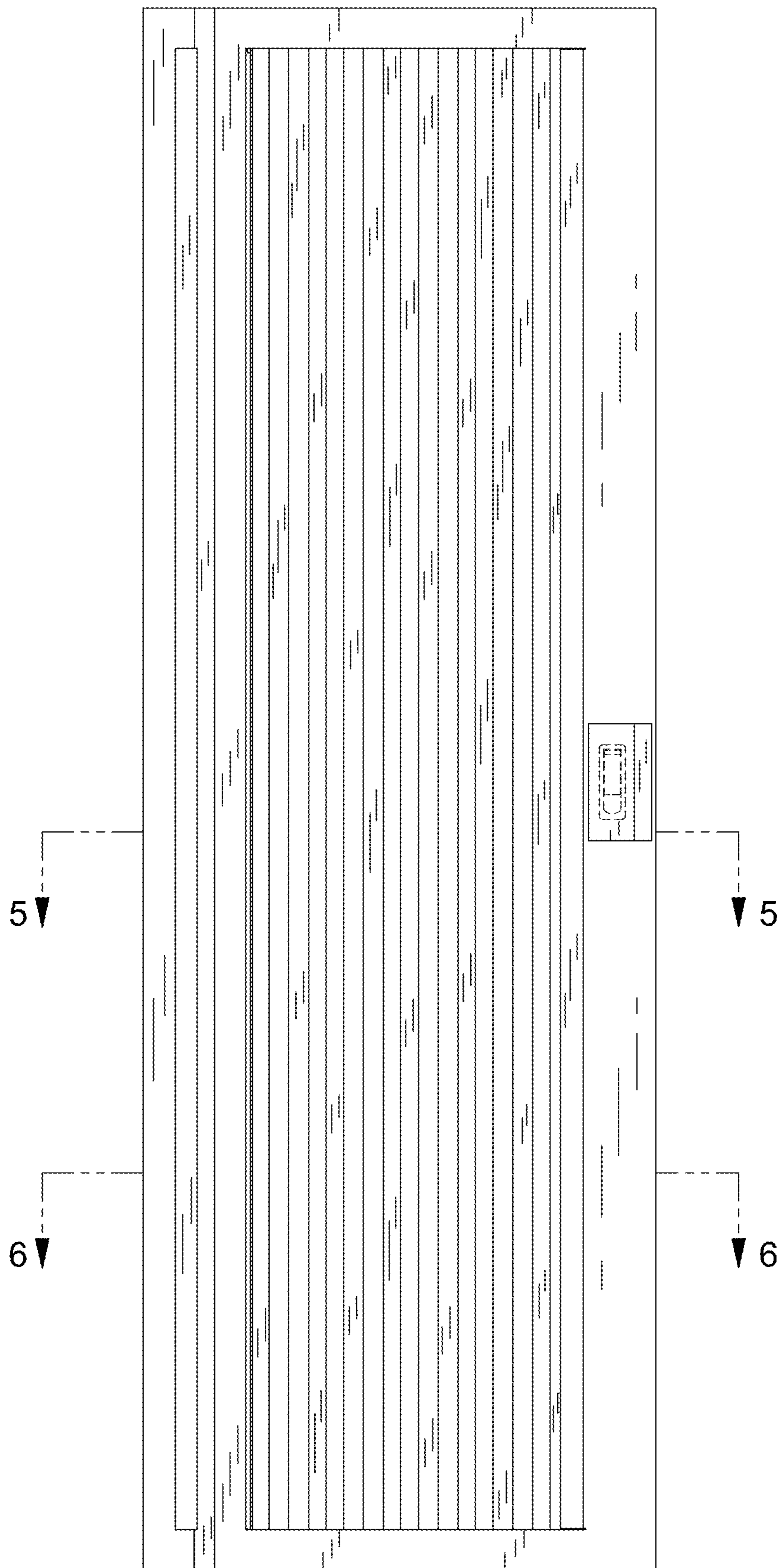


FIG. 4

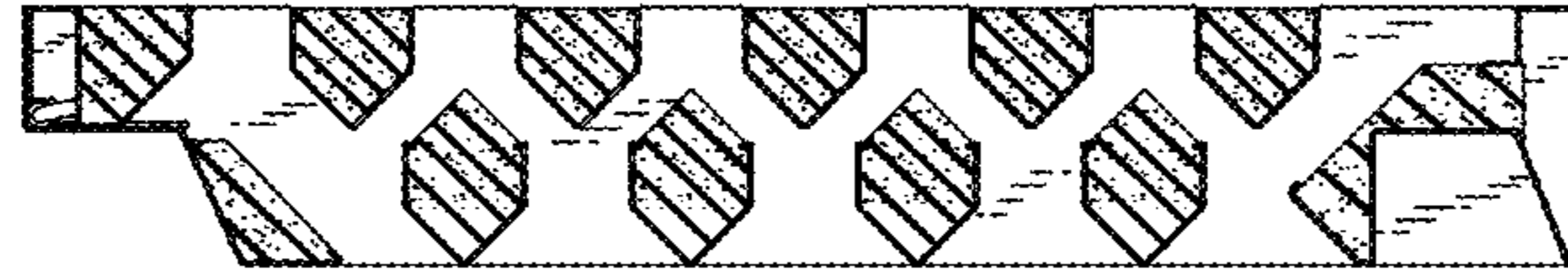


FIG. 5

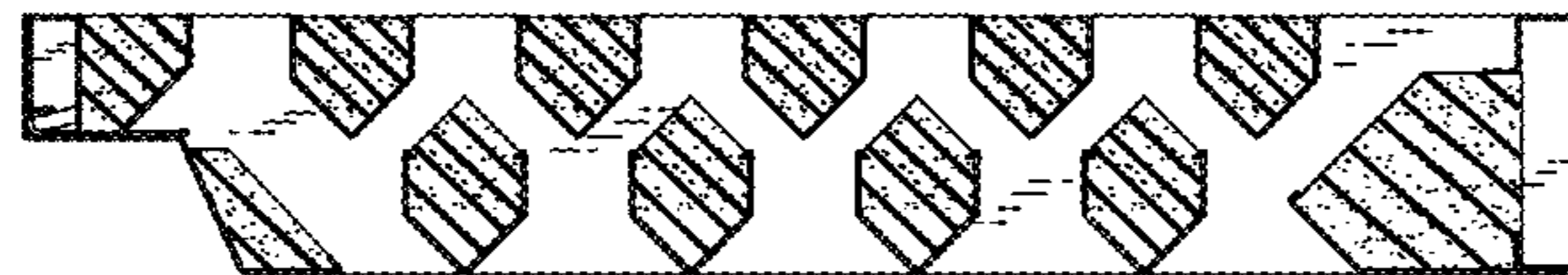


FIG. 6

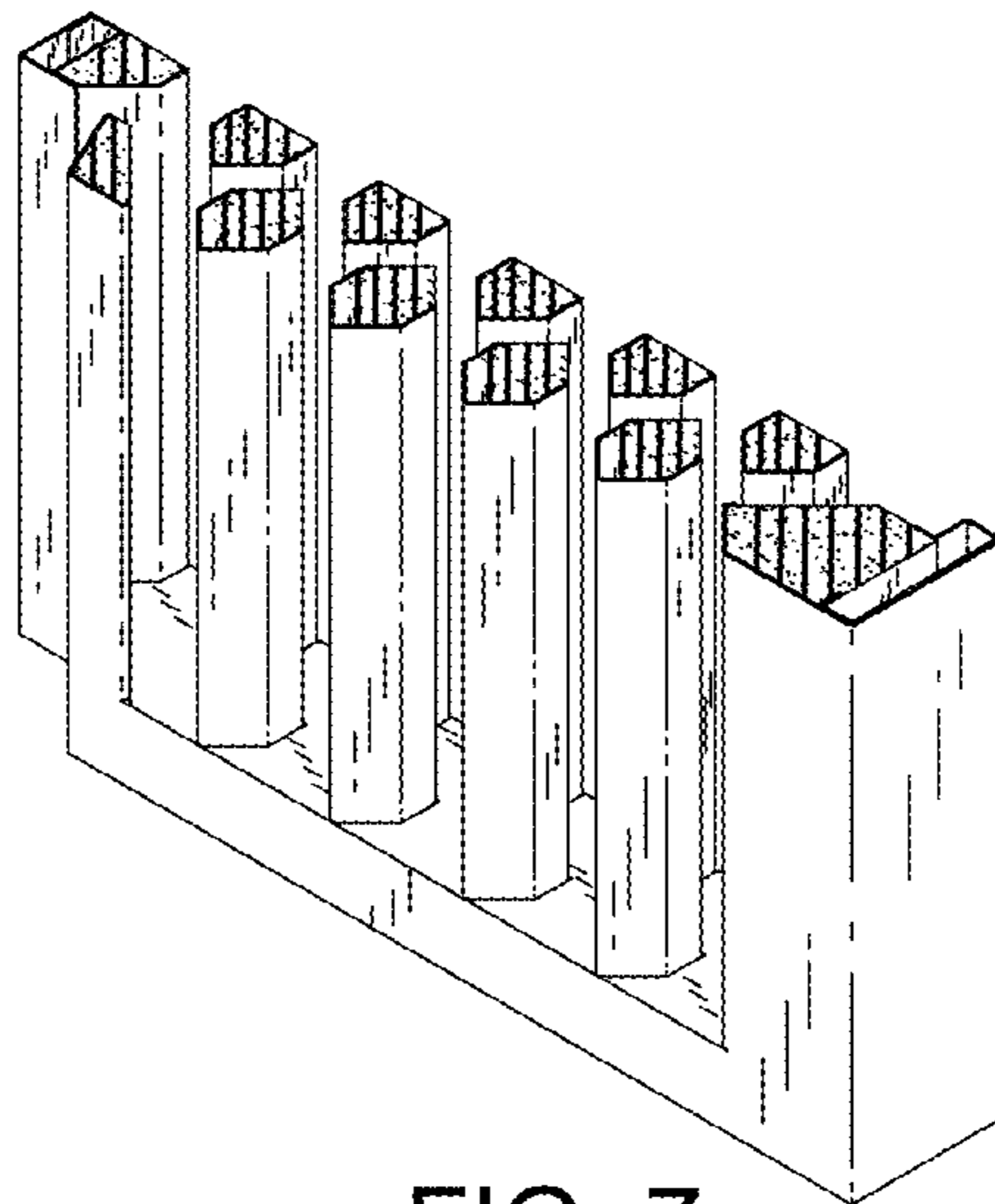


FIG. 7

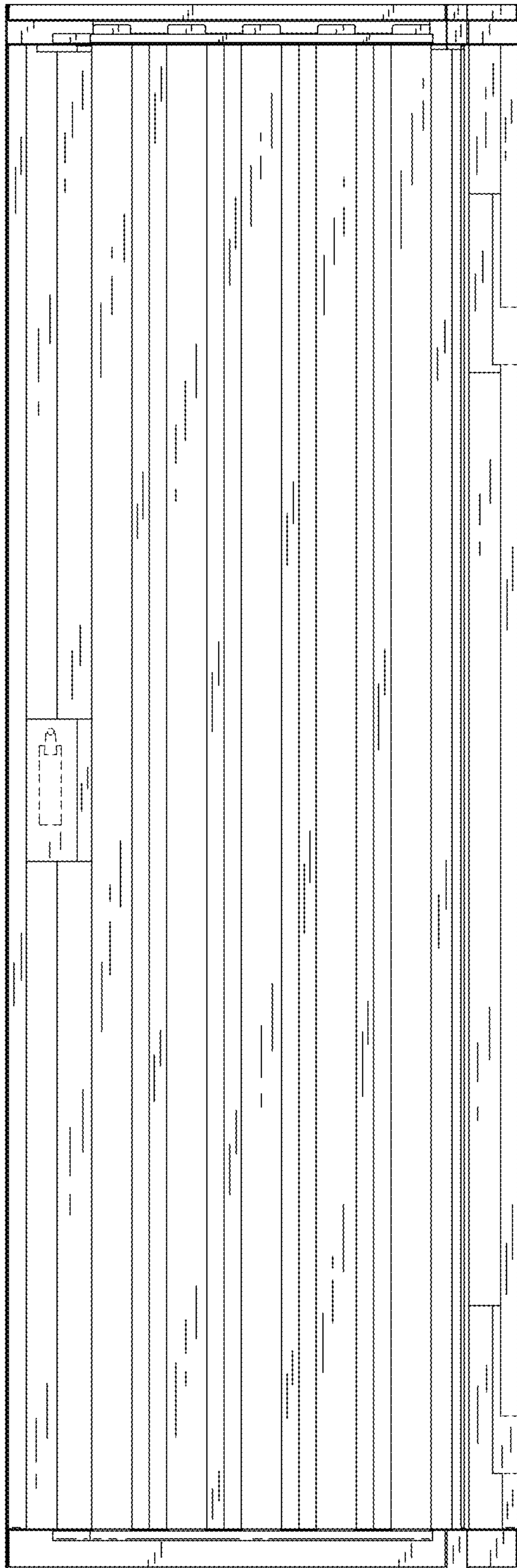


FIG. 8



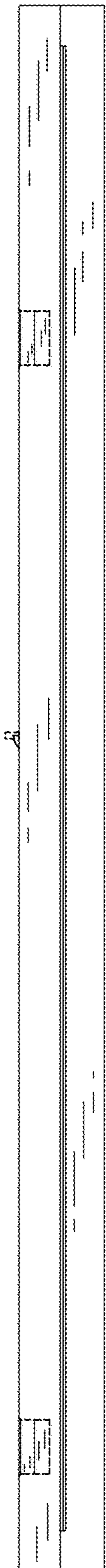


FIG. 9

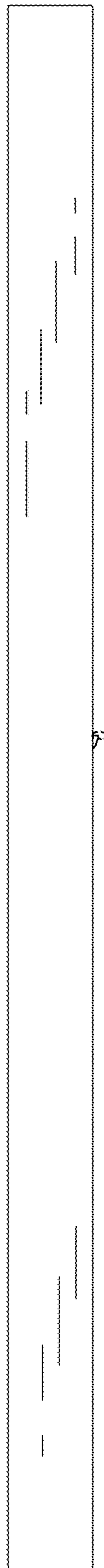


FIG. 10

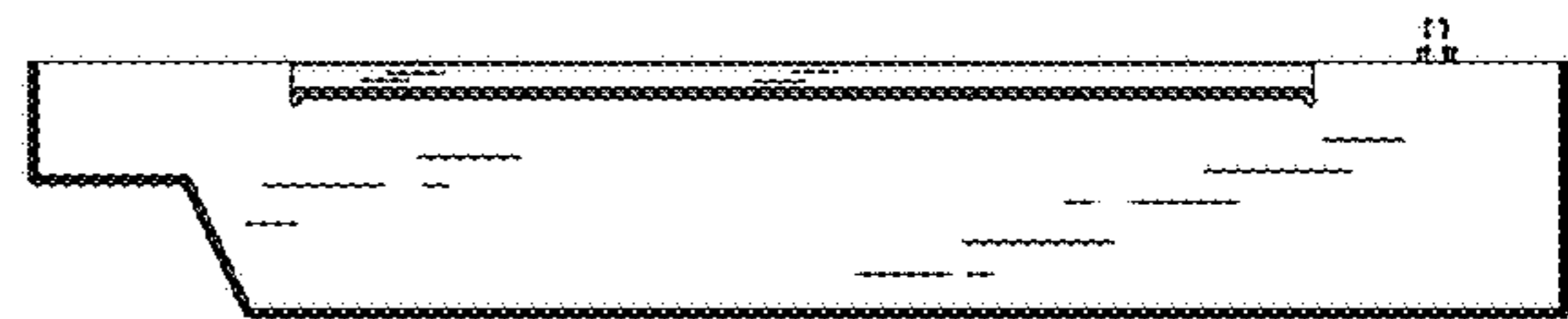


FIG. 11

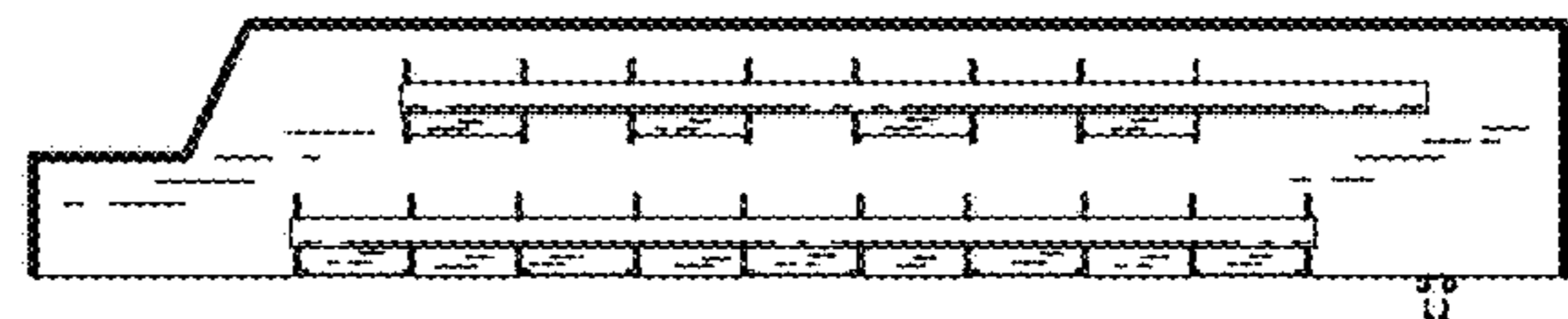


FIG. 12

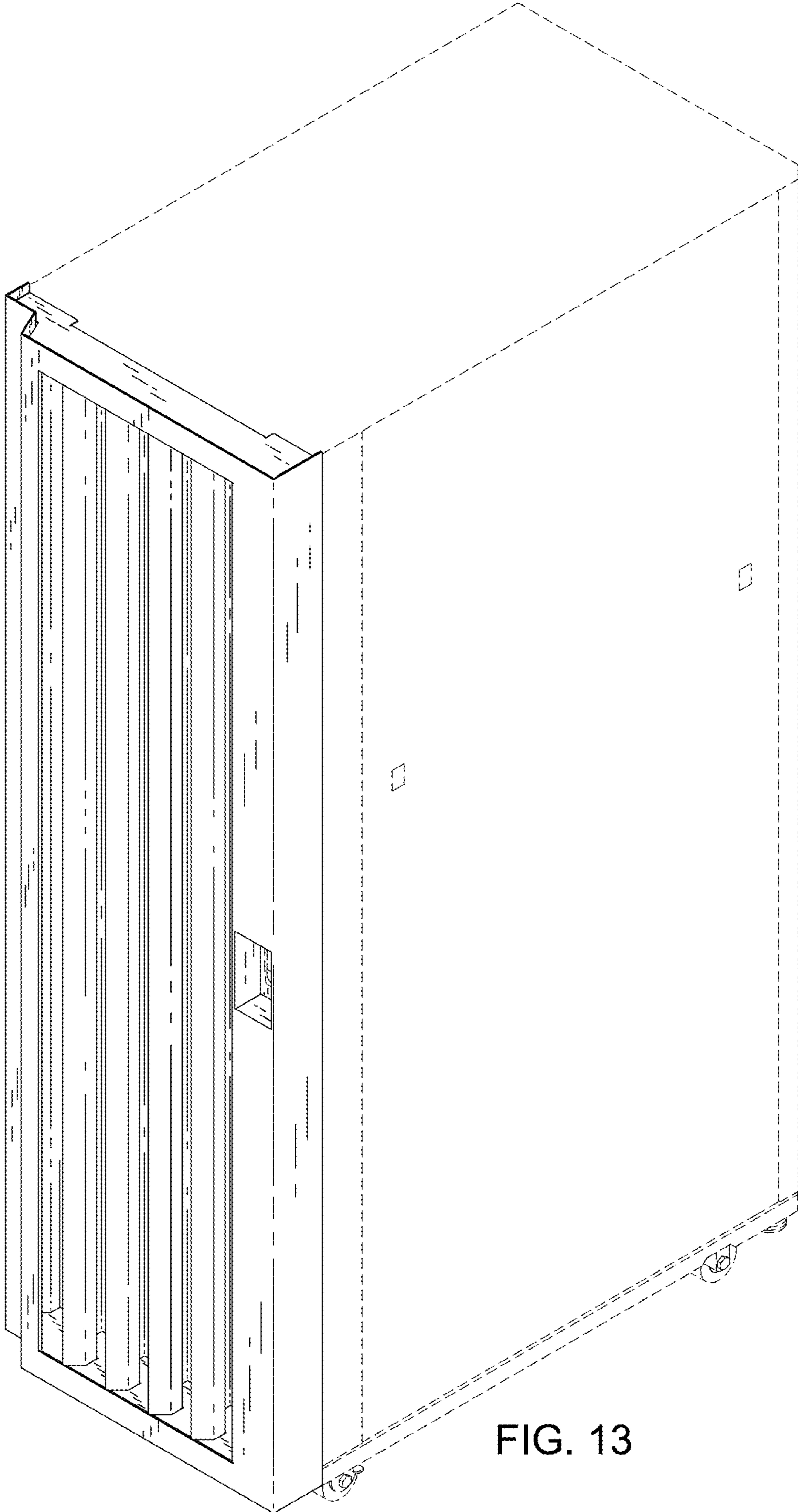


FIG. 13

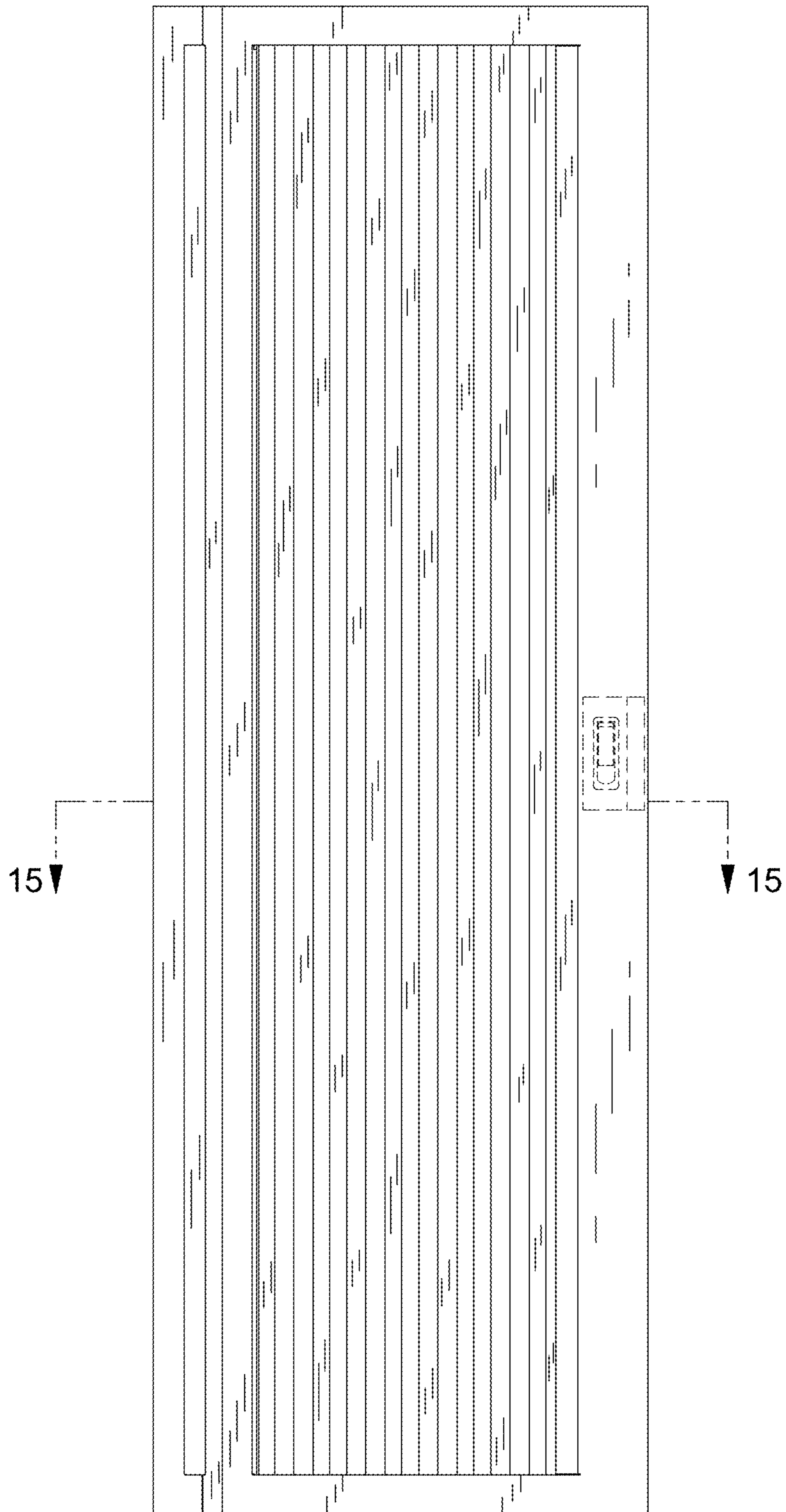


FIG. 14

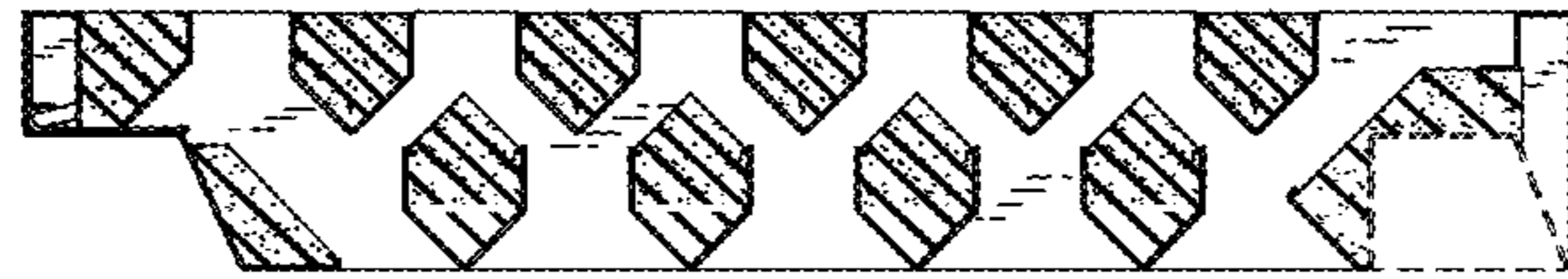


FIG. 15