



US00D926077S

(12) **United States Design Patent** (10) **Patent No.:** **US D926,077 S**
Uppgaard (45) **Date of Patent:** **** Jul. 27, 2021**

(54) **PLANT SEPARATOR**

(71) Applicant: **CALYXT, INC.**, Roseville, MN (US)

(72) Inventor: **Anders Uppgaard**, Minneapolis, MN (US)

(73) Assignee: **CALYXT, INC.**, Roseville, MN (US)

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

(21) Appl. No.: **29/709,049**

(22) Filed: **Oct. 10, 2019**

(51) **LOC (13) Cl.** **11-02**

(52) **U.S. Cl.**
USPC **D11/155**

(58) **Field of Classification Search**
USPC D11/143–156, 164; D3/304;
D6/403–405, 556–558, 659, 675.1, 706;
D7/640; D8/1; D9/432
CPC ... A01G 5/04; A01G 5/06; A01G 9/00; A01G
9/02; A01G 9/021; A01G 9/023; A01G
9/027; A01G 9/028; A01G 9/029; A01G
9/28; A01G 31/06
See application file for complete search history.

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165/185

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Primary Examiner — Elizabeth A. Albert
(74) *Attorney, Agent, or Firm* — Christensen O'Connor
Johnson Kindness PLLC

(57) **CLAIM**

The ornamental design for a plant separator, as shown and described.

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165/185

DESCRIPTION

FIG. 1 is a top front right perspective view of a plant separator in accordance with the new design.
FIG. 2 is a top plan view thereof.
FIG. 3 is a bottom plan view thereof.
FIG. 4 is a front elevation view thereof.
FIG. 5 is a rear elevation view thereof.
FIG. 6 is a left elevation view thereof.
FIG. 7 is a right elevation view thereof.
FIG. 8 is a top front right perspective view of a plant separator in accordance with another embodiment of the new design.
FIG. 9 is a top plan view thereof.
FIG. 10 is a bottom plan view thereof.
FIG. 11 is a front elevation view thereof.
FIG. 12 is a rear elevation view thereof.

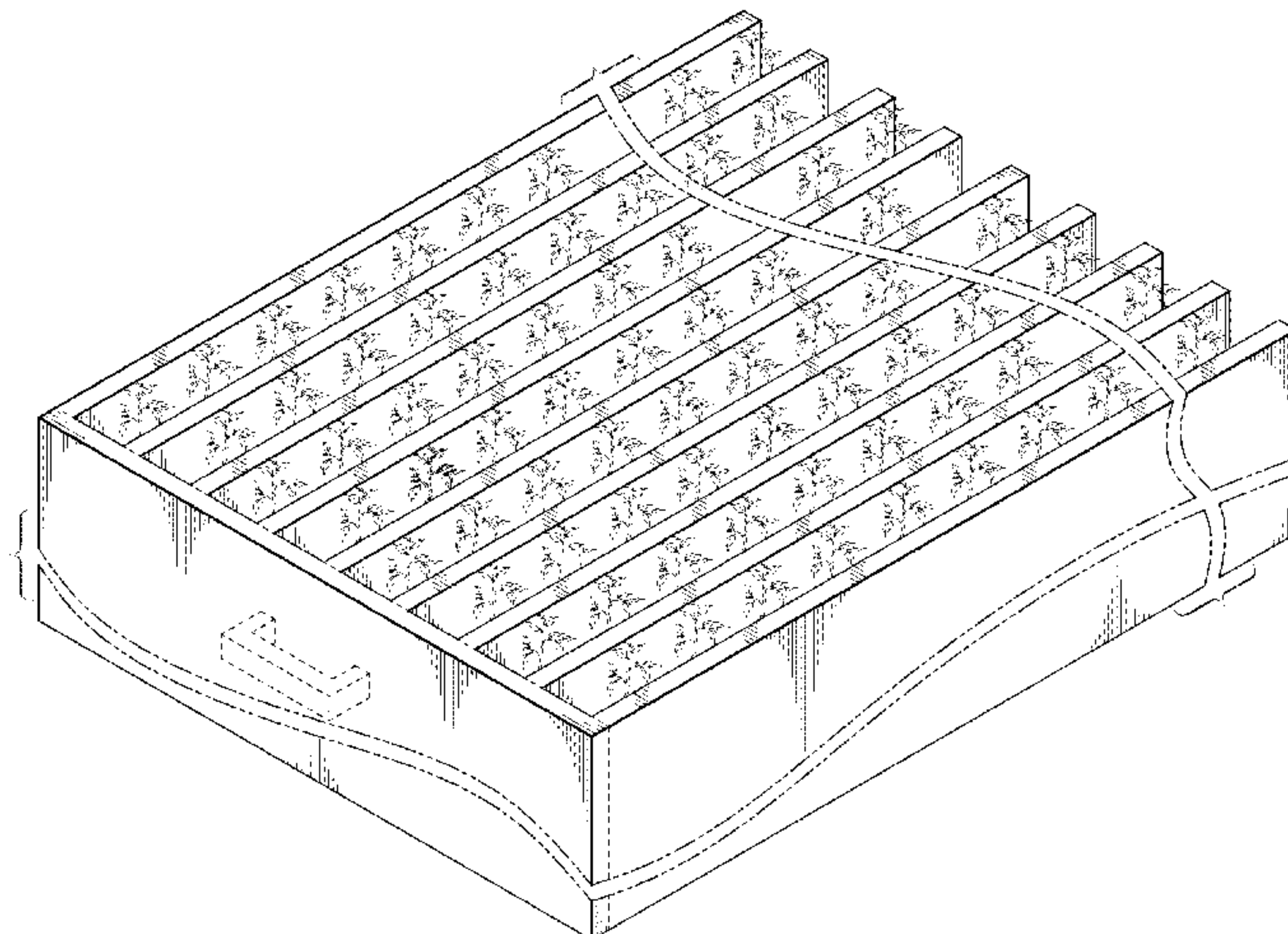


FIG. 13 is a left elevation view thereof.
FIG. 14 is a right elevation view thereof.
FIG. 15 is a top front right perspective view of a plant separator in accordance with another embodiment of the new design.
FIG. 16 is a top plan view thereof.
FIG. 17 is a bottom plan view thereof.
FIG. 18 is a front elevation view thereof.
FIG. 19 is a rear elevation view thereof.
FIG. 20 is a left elevation view thereof.
FIG. 21 is a right elevation view thereof.
FIG. 22 is a top front right perspective view of a plant separator in accordance with another embodiment of the new design.
FIG. 23 is a top plan view thereof.
FIG. 24 is a bottom plan view thereof.
FIG. 25 is a front elevation view thereof.
FIG. 26 is a rear elevation view thereof.
FIG. 27 is a left elevation view thereof.
FIG. 28 is a right elevation view thereof.
FIG. 29 is a top front right perspective view of a plant separator in accordance with another embodiment of the new design.
FIG. 30 is a top plan view thereof.
FIG. 31 is a bottom plan view thereof.
FIG. 32 is a front elevation view thereof.
FIG. 33 is a rear elevation view thereof.
FIG. 34 is a left elevation view thereof.
FIG. 35 is a right elevation view thereof.
FIG. 36 is a top front right perspective view of a plant separator in accordance with another embodiment of the new design.
FIG. 37 is a top plan view thereof.
FIG. 38 is a bottom plan view thereof.
FIG. 39 is a front elevation view thereof.
FIG. 40 is a rear elevation view thereof.
FIG. 41 is a left elevation view thereof.
FIG. 42 is a right elevation view thereof.
FIG. 43 is a top front right perspective view of a plant separator in accordance with another embodiment of the new design.
FIG. 44 is a top plan view thereof.
FIG. 45 is a bottom plan view thereof.
FIG. 46 is a front elevation view thereof.
FIG. 47 is a rear elevation view thereof.
FIG. 48 is a left elevation view thereof.
FIG. 49 is a right elevation view thereof.
FIG. 50 is a top front right perspective view of a plant separator in accordance with another embodiment of the new design.
FIG. 51 is a top plan view thereof.
FIG. 52 is a bottom plan view thereof.
FIG. 53 is a front elevation view thereof.
FIG. 54 is a rear elevation view thereof.
FIG. 55 is a left elevation view thereof.
FIG. 56 is a right elevation view thereof.
FIG. 57 is a top front right perspective view of a plant separator in accordance with another embodiment of the new design.
FIG. 58 is a top plan view thereof.
FIG. 59 is a bottom plan view thereof.
FIG. 60 is a front elevation view thereof.
FIG. 61 is a rear elevation view thereof.
FIG. 62 is a left elevation view thereof.
FIG. 63 is a right elevation view thereof.

FIG. 64 is a top front right perspective view of a plant separator in accordance with another embodiment of the new design.
FIG. 65 is a top plan view thereof.
FIG. 66 is a bottom plan view thereof.
FIG. 67 is a front elevation view thereof.
FIG. 68 is a rear elevation view thereof.
FIG. 69 is a left elevation view thereof.
FIG. 70 is a right elevation view thereof.
FIG. 71 is a top front right perspective view of a plant separator in accordance with another embodiment of the new design.
FIG. 72 is a top plan view thereof.
FIG. 73 is a bottom plan view thereof.
FIG. 74 is a front elevation view thereof.
FIG. 75 is a rear elevation view thereof.
FIG. 76 is a left elevation view thereof.
FIG. 77 is a right elevation view thereof.
FIG. 78 is a top front right perspective view of a plant separator in accordance with another embodiment of the new design.
FIG. 79 is a top plan view thereof.
FIG. 80 is a bottom plan view thereof.
FIG. 81 is a front elevation view thereof.
FIG. 82 is a rear elevation view thereof.
FIG. 83 is a left elevation view thereof.
FIG. 84 is a right elevation view thereof.
FIG. 85 is a top front right perspective view of a plant separator in accordance with another embodiment of the new design.
FIG. 86 is a top plan view thereof.
FIG. 87 is a bottom plan view thereof.
FIG. 88 is a front elevation view thereof.
FIG. 89 is a rear elevation view thereof.
FIG. 90 is a left elevation view thereof.
FIG. 91 is a right elevation view thereof.
FIG. 92 is a top front right perspective view of a plant separator in accordance with another embodiment of the new design.
FIG. 93 is a top plan view thereof.
FIG. 94 is a bottom plan view thereof.
FIG. 95 is a front elevation view thereof.
FIG. 96 is a rear elevation view thereof.
FIG. 97 is a left elevation view thereof.
FIG. 98 is a right elevation view thereof.
FIG. 99 is a top front right perspective view of a plant separator in accordance with another embodiment of the new design.
FIG. 100 is a top plan view thereof.
FIG. 101 is a bottom plan view thereof.
FIG. 102 is a front elevation view thereof.
FIG. 103 is a rear elevation view thereof.
FIG. 104 is a left elevation view thereof.
FIG. 105 is a right elevation view thereof.
FIG. 106 is a top front right perspective view of a plant separator in accordance with another embodiment of the new design.
FIG. 107 is a top plan view thereof.
FIG. 108 is a bottom plan view thereof.
FIG. 109 is a front elevation view thereof.
FIG. 110 is a rear elevation view thereof.
FIG. 111 is a left elevation view thereof; and,
FIG. 112 is a right elevation view thereof.
The evenly spaced broken lines shown in the drawings illustrate portions of the plant separator and environmental

features that form no part of the claimed design. Further, the appearance of any portion of the plant separator between the long and short break lines forms no part of the claimed design.

1 Claim, 80 Drawing Sheets

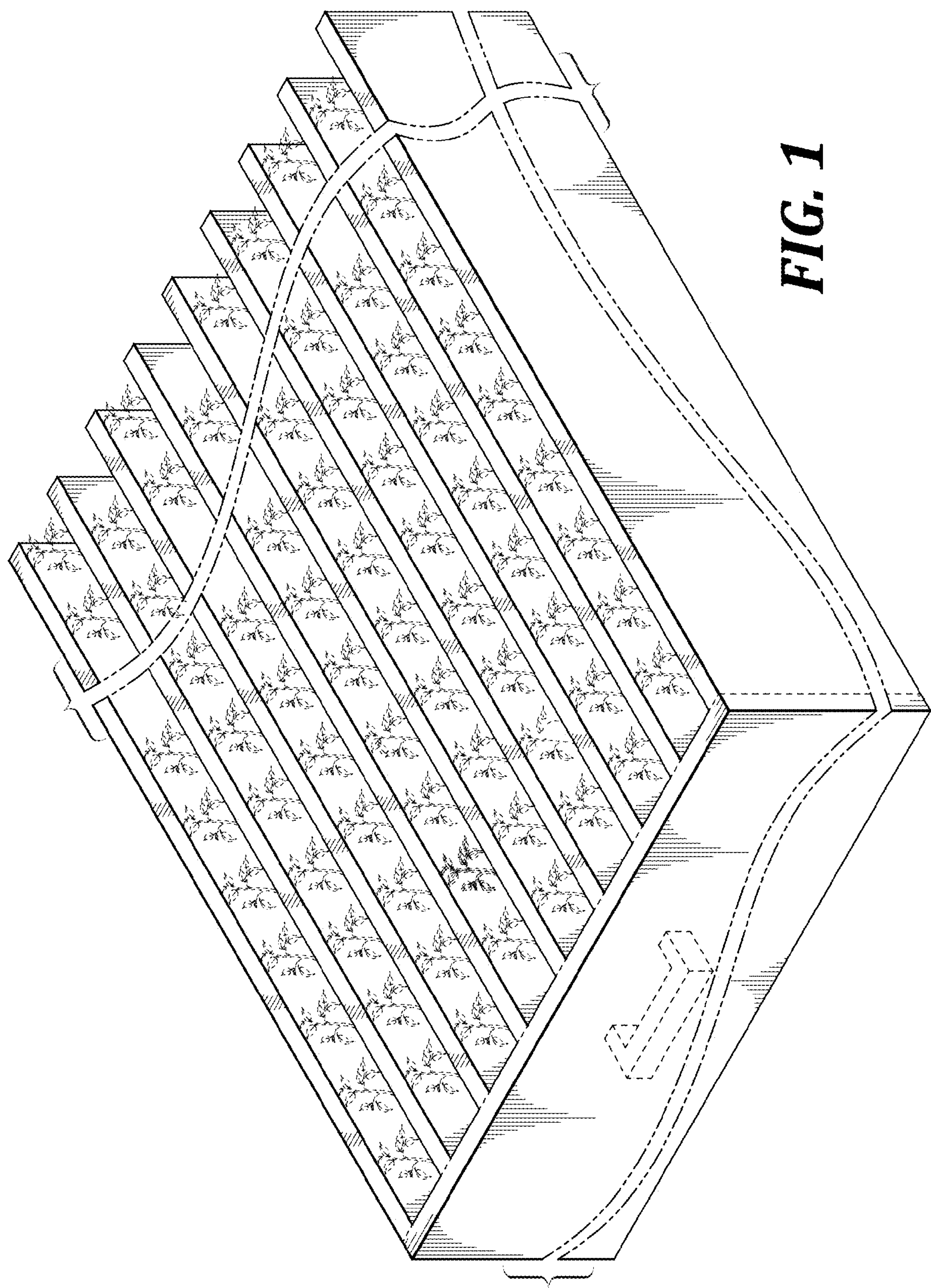


FIG. 1

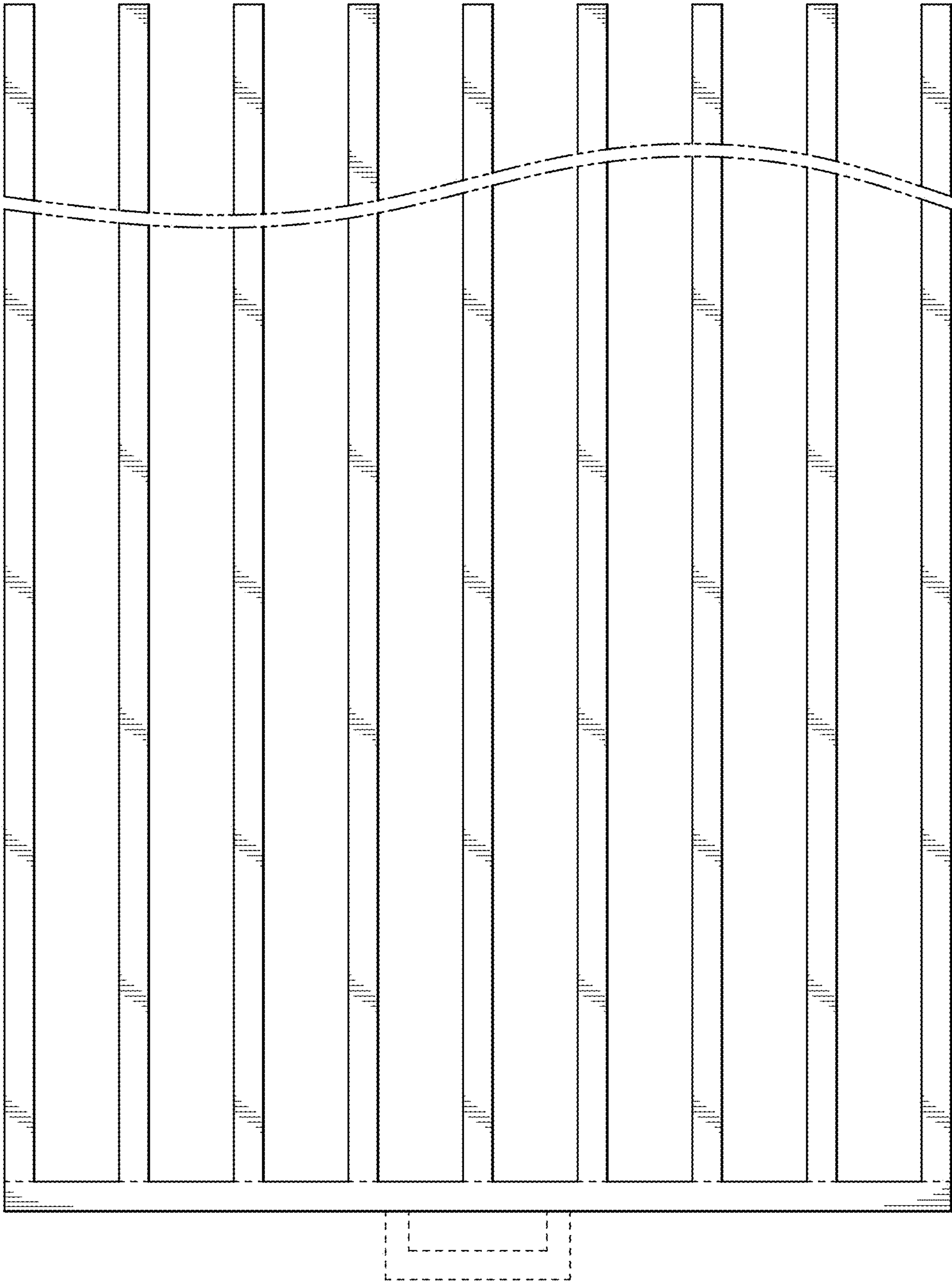


FIG. 2

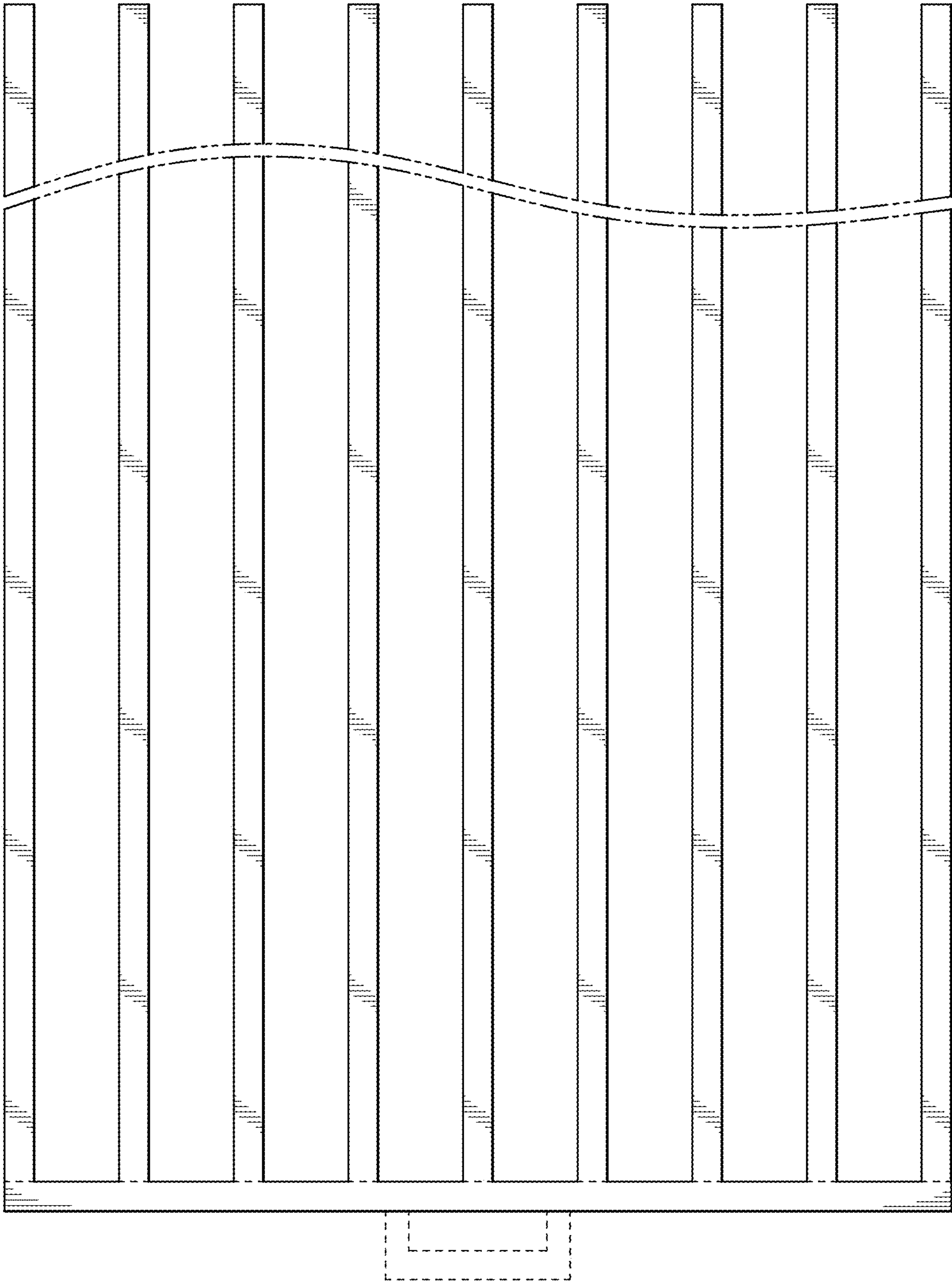


FIG. 3

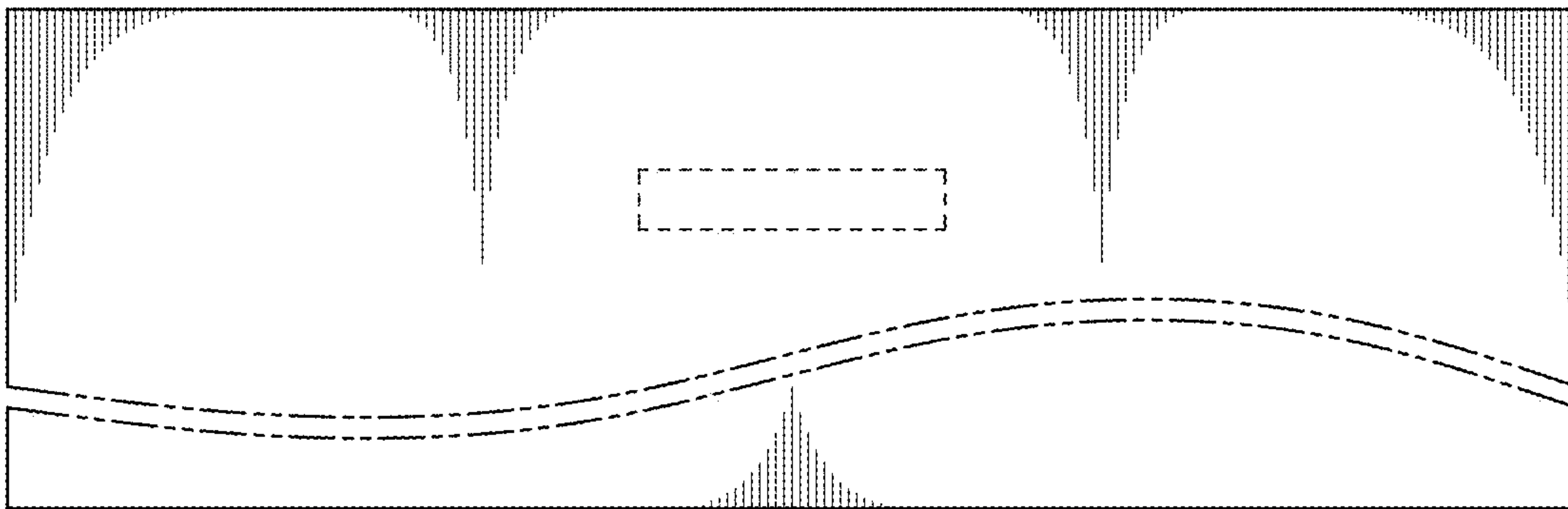


FIG. 4

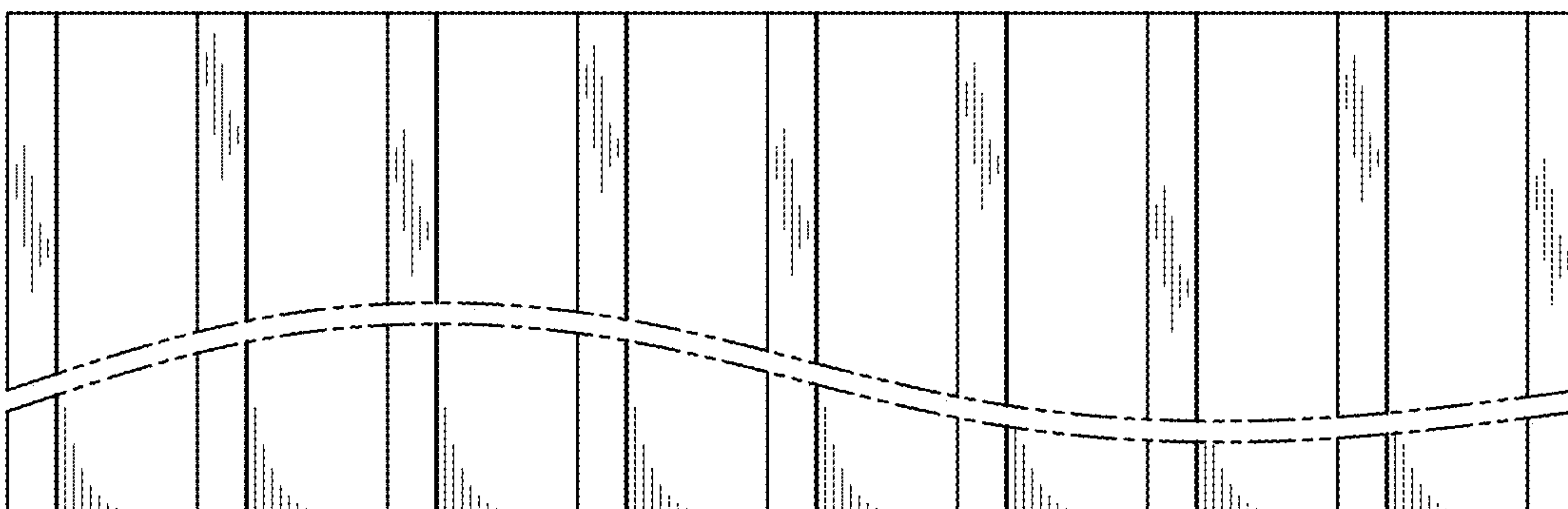


FIG. 5

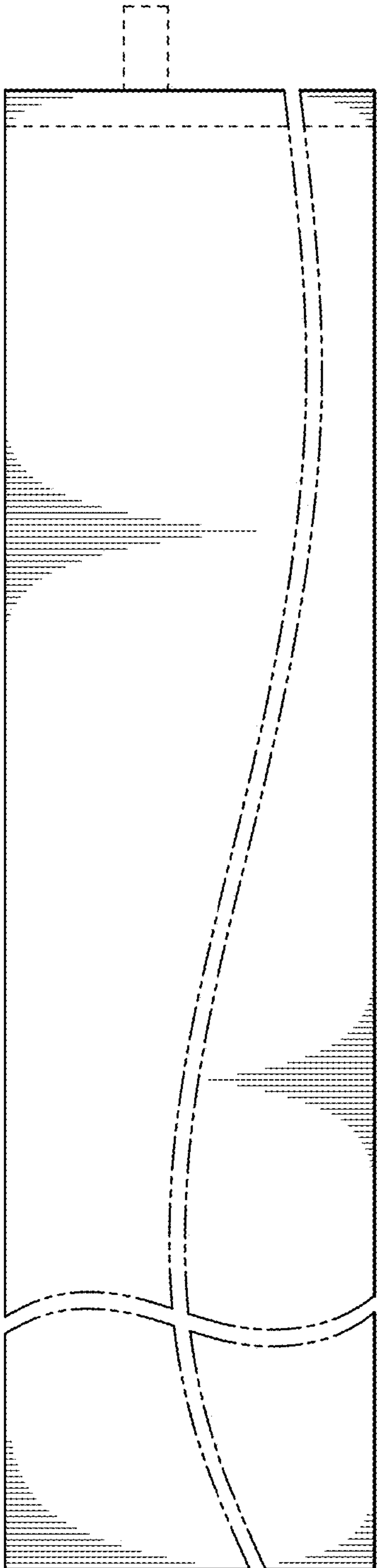


FIG. 6

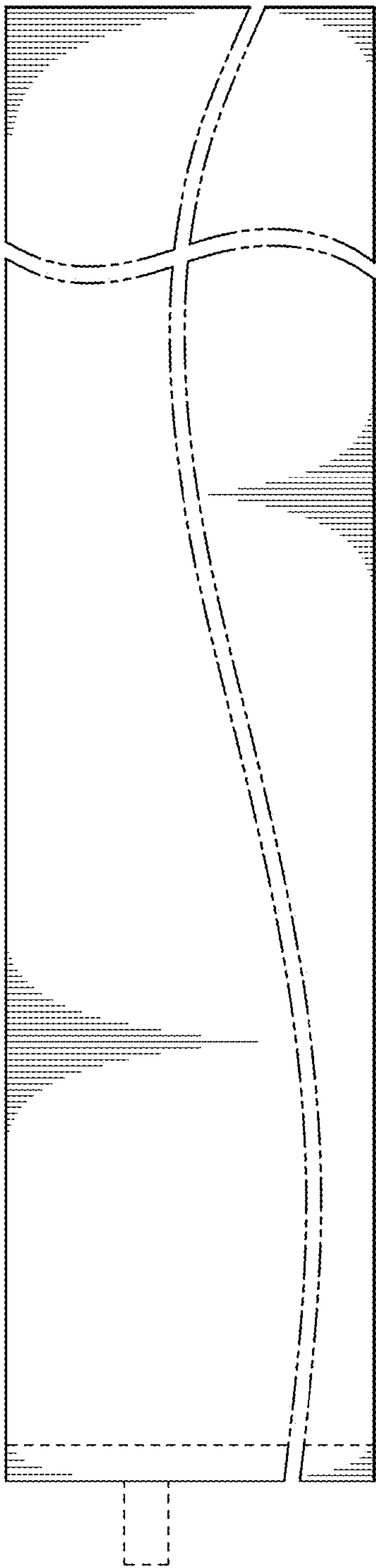


FIG. 7

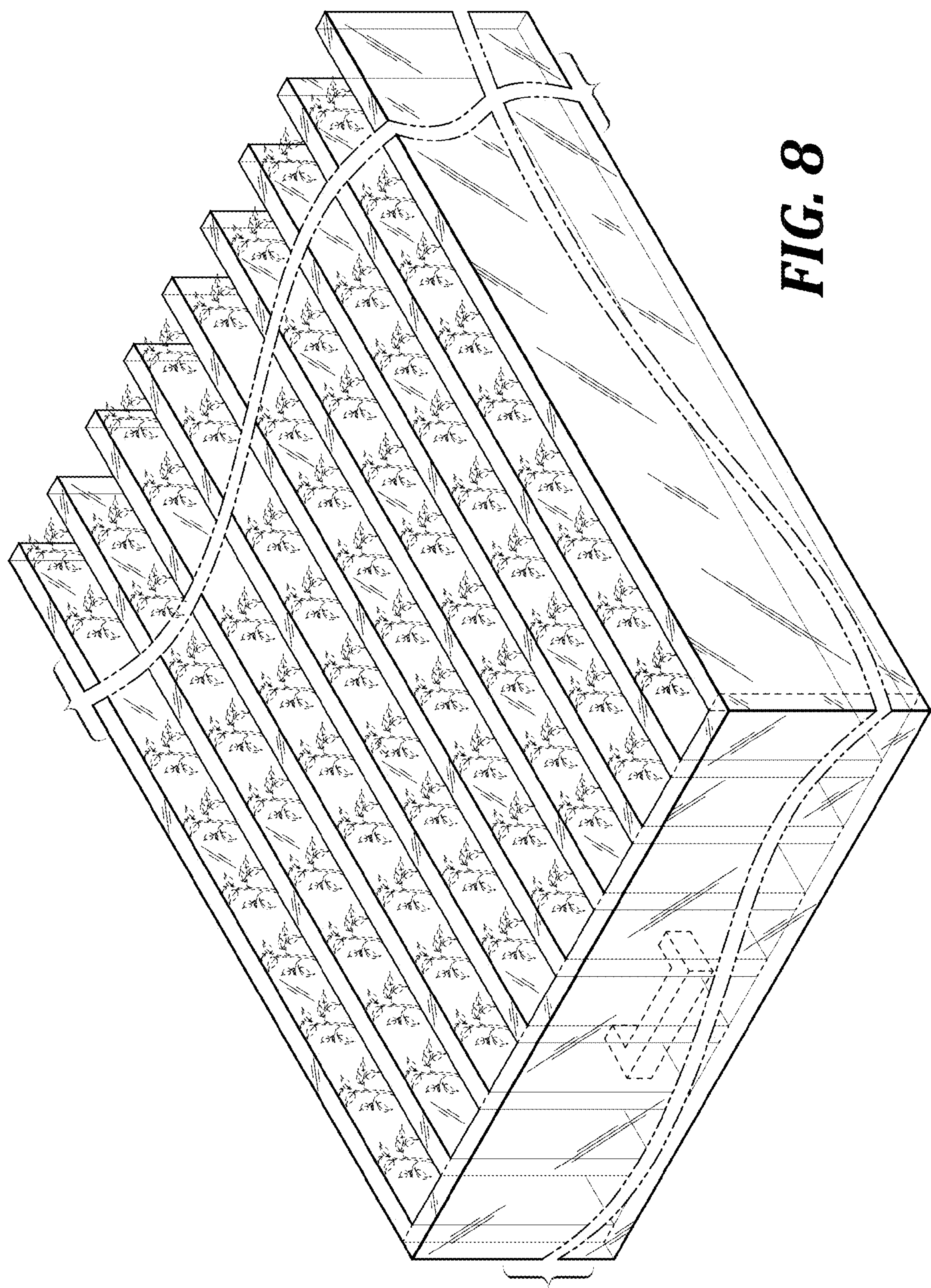


FIG. 8

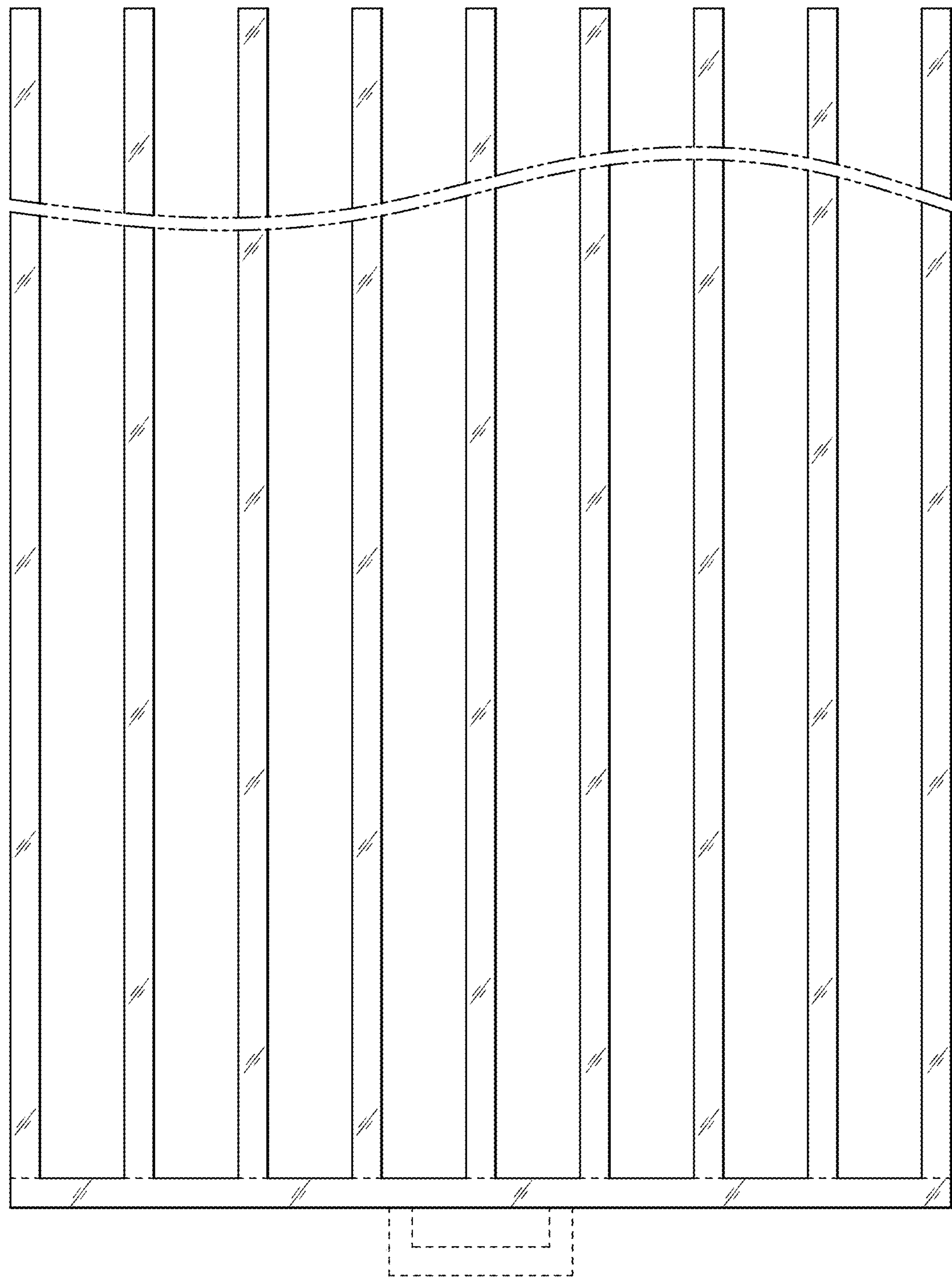


FIG. 9

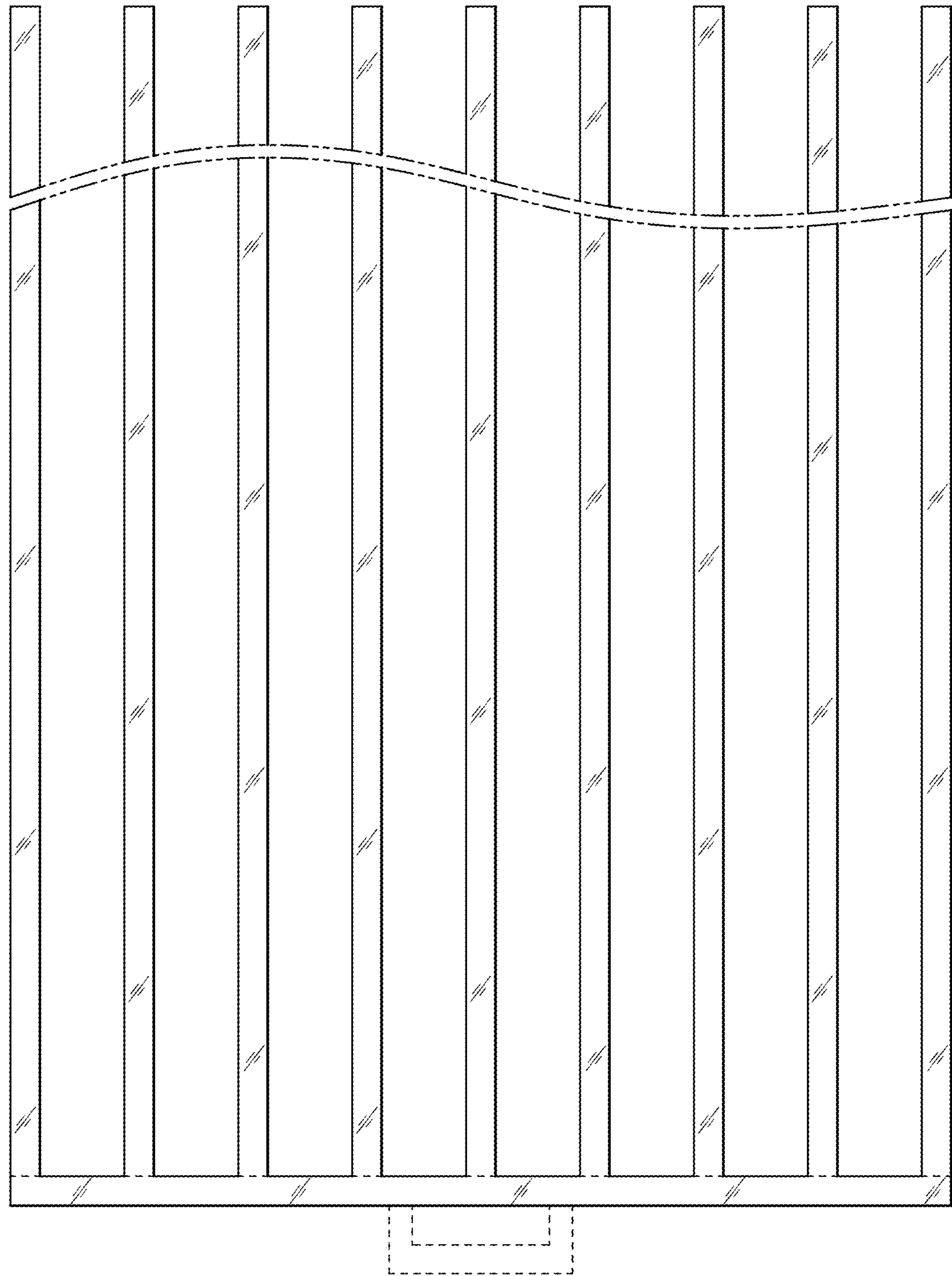


FIG. 10

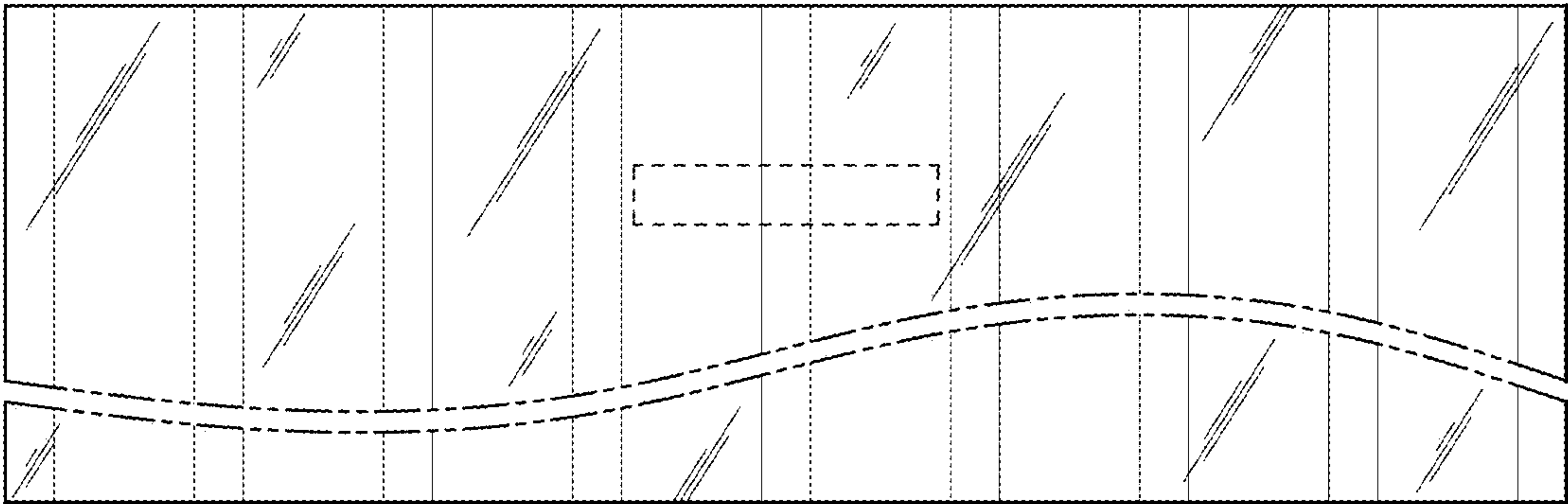


FIG. 11

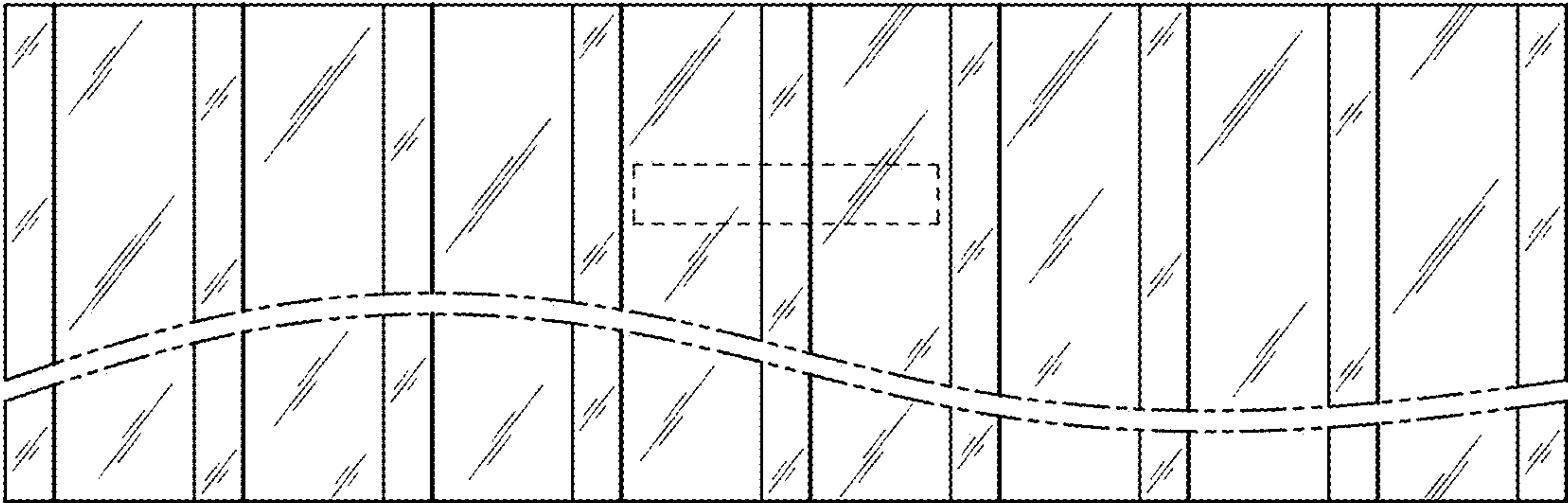


FIG. 12

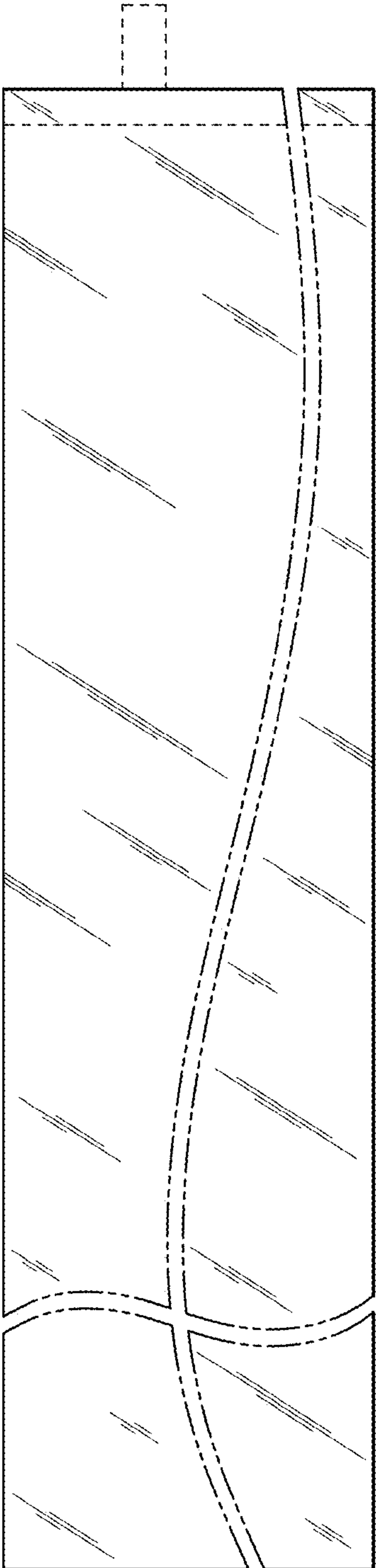


FIG. 13

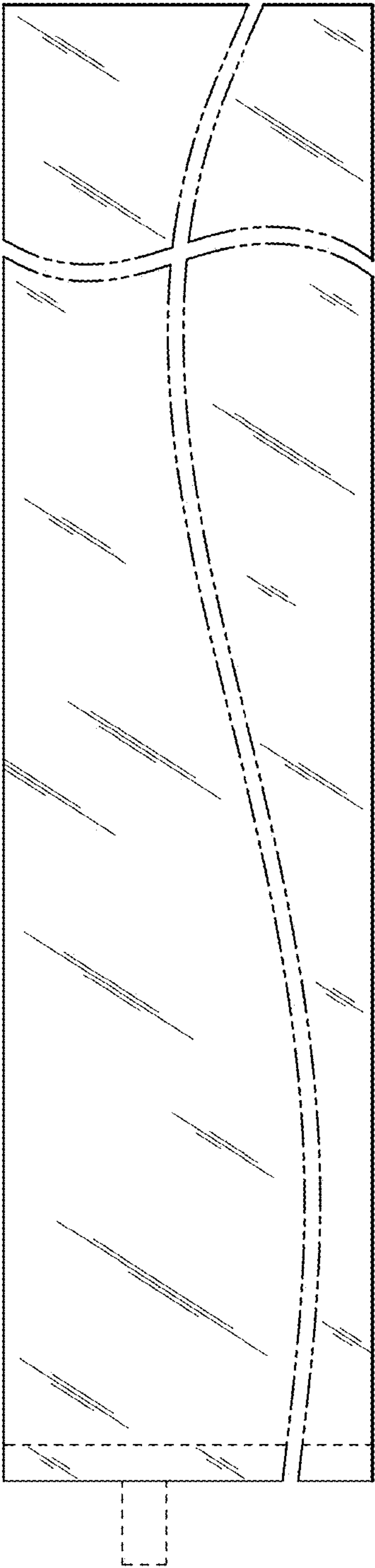


FIG. 14

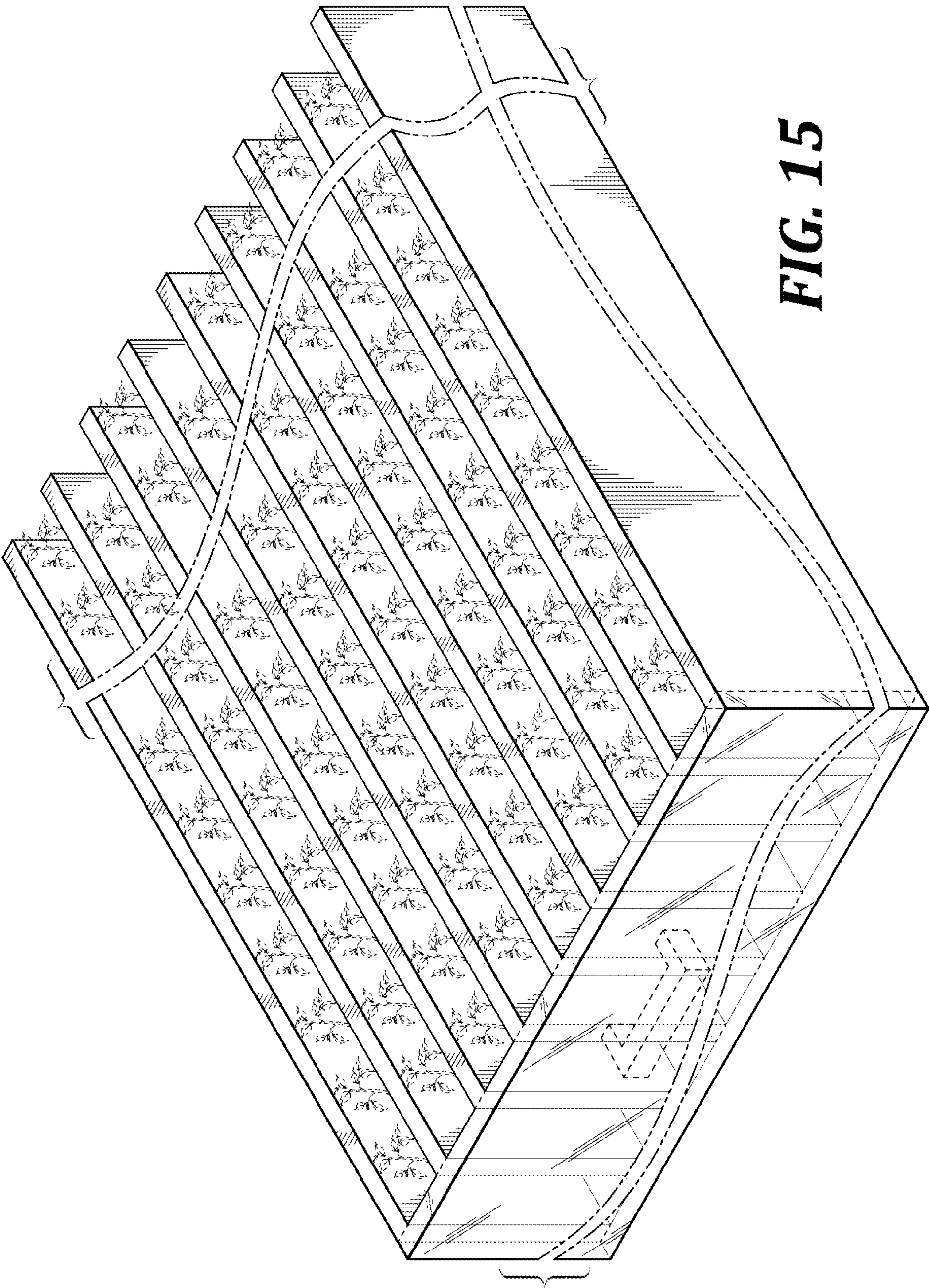


FIG. 15

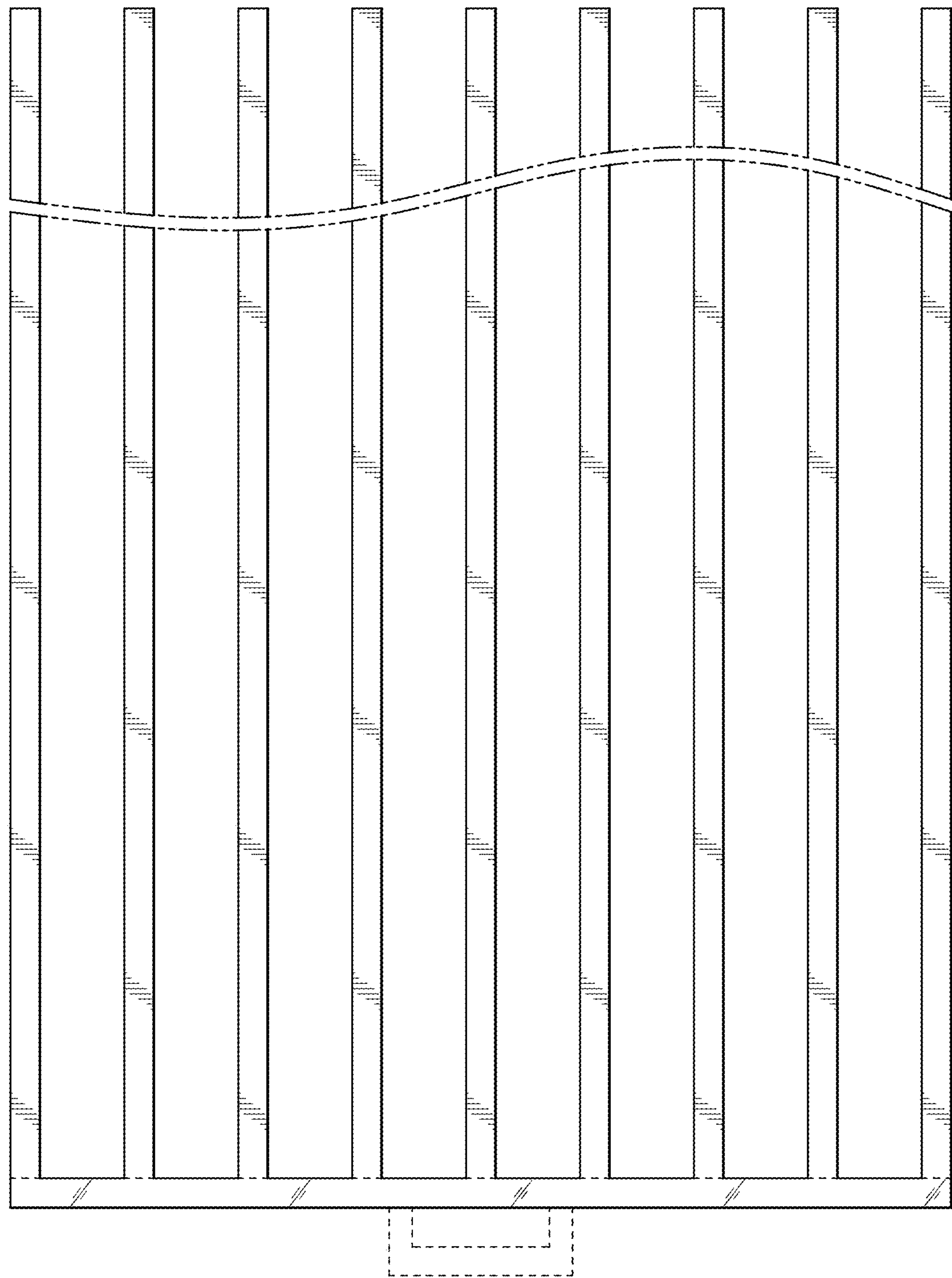


FIG. 16

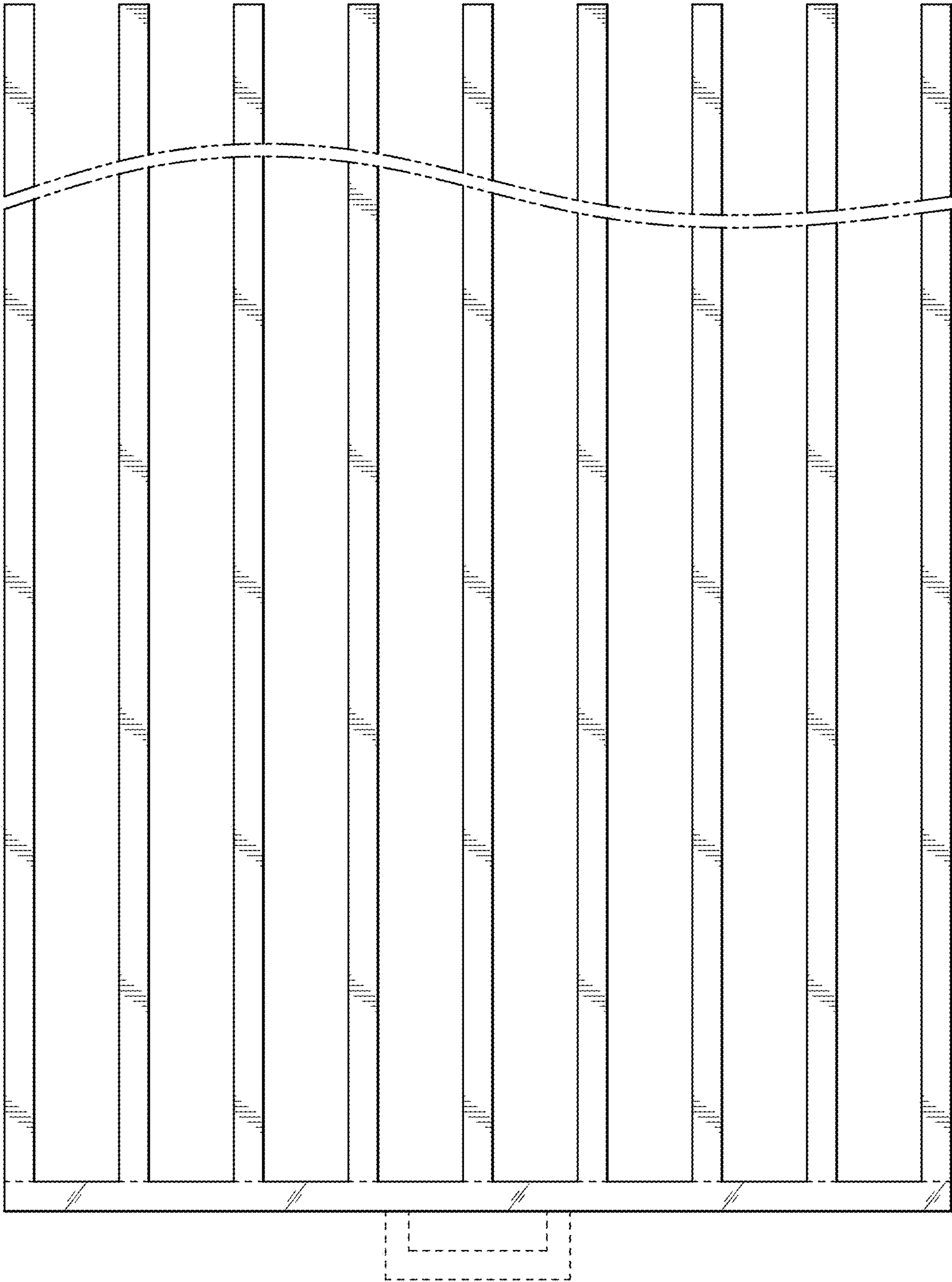


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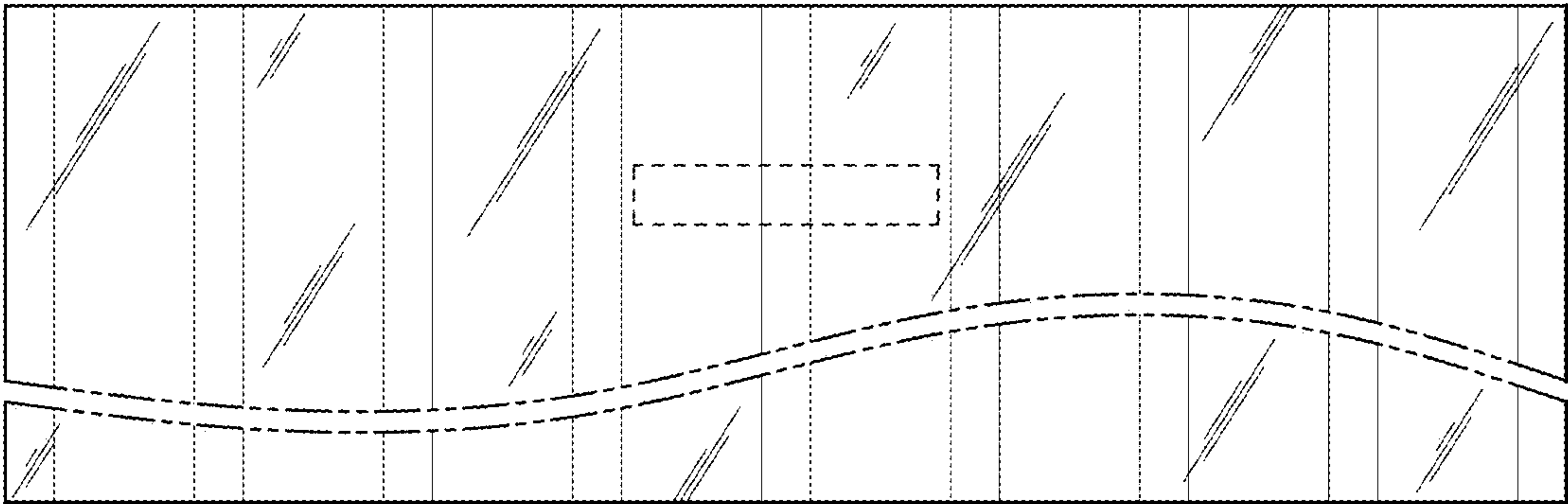


FIG. 18

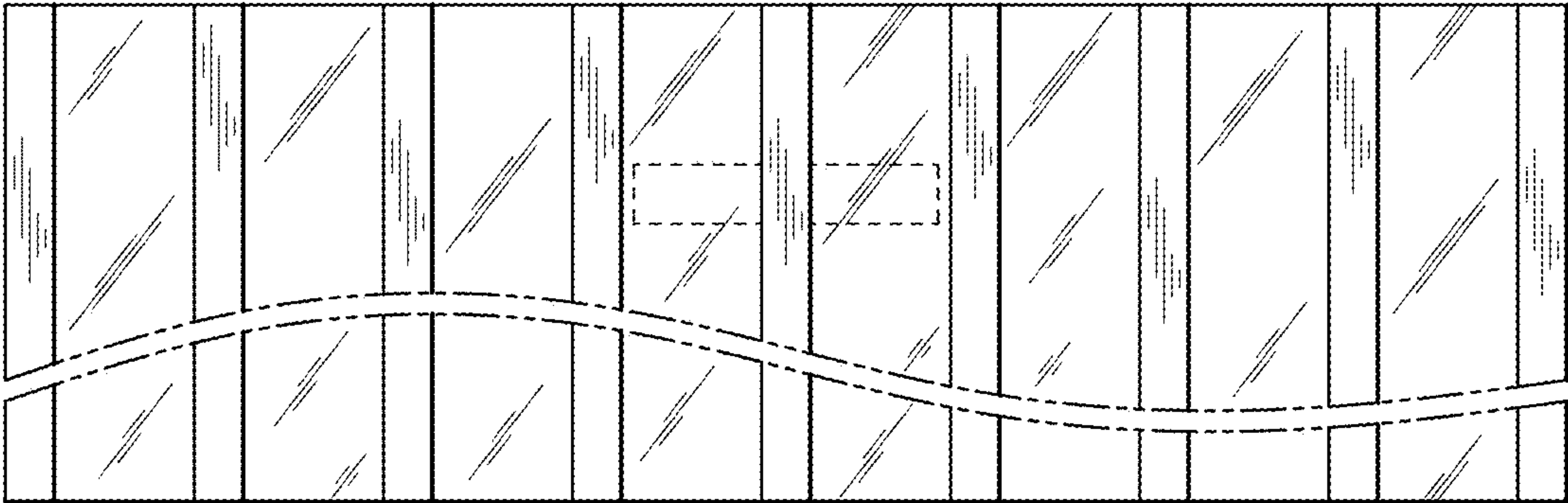


FIG. 19

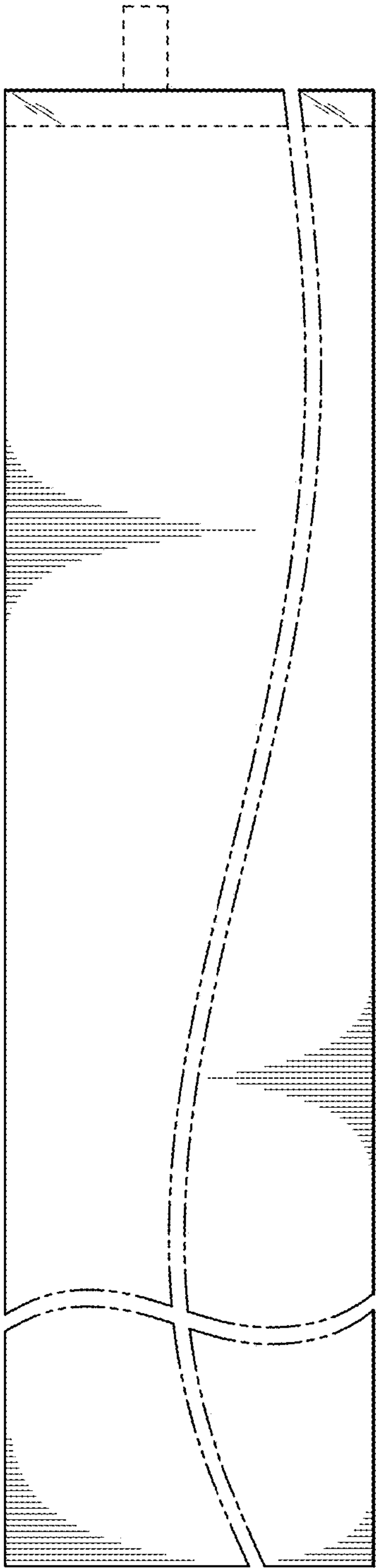


FIG. 20

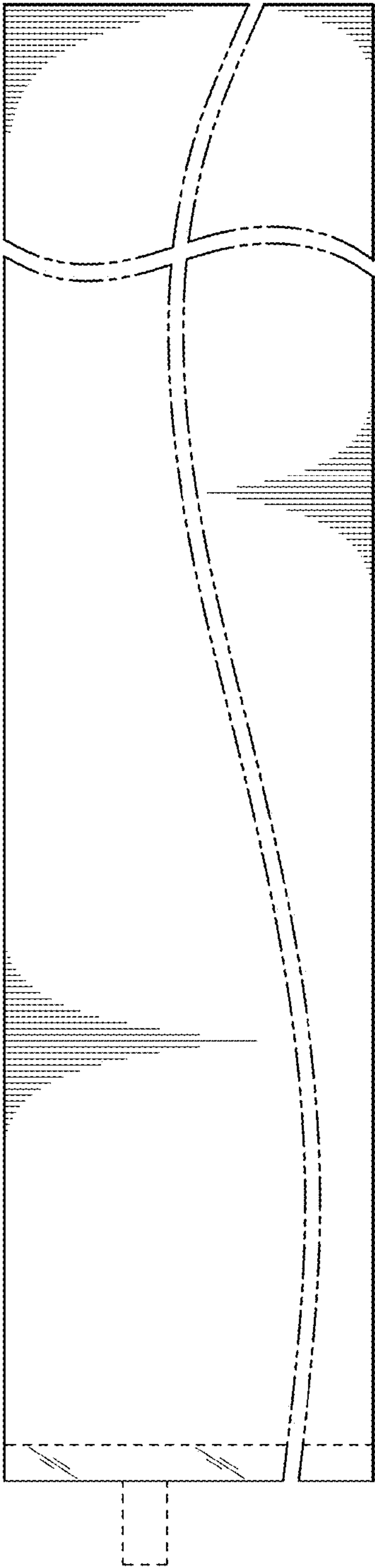


FIG. 21

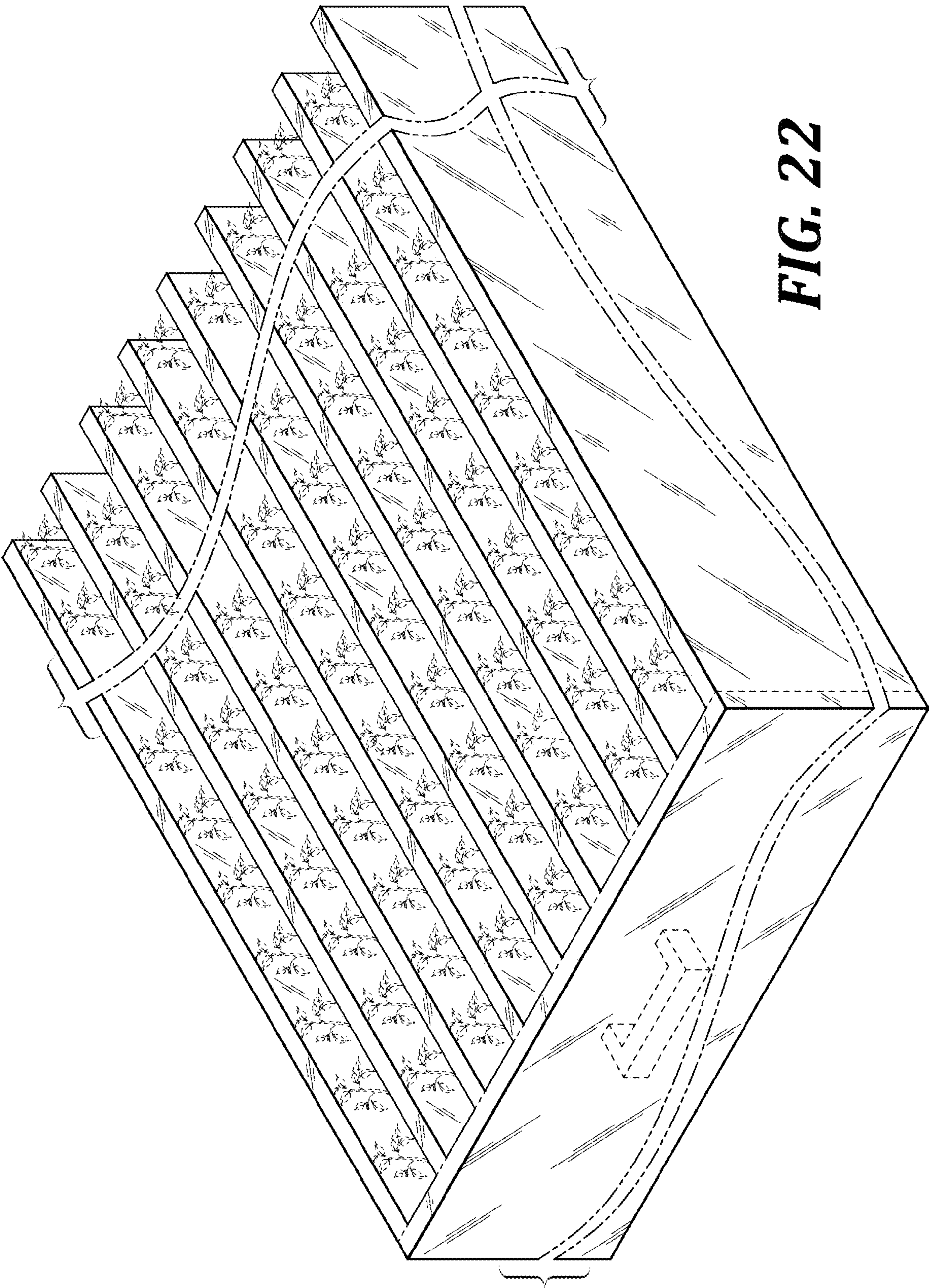


FIG. 22

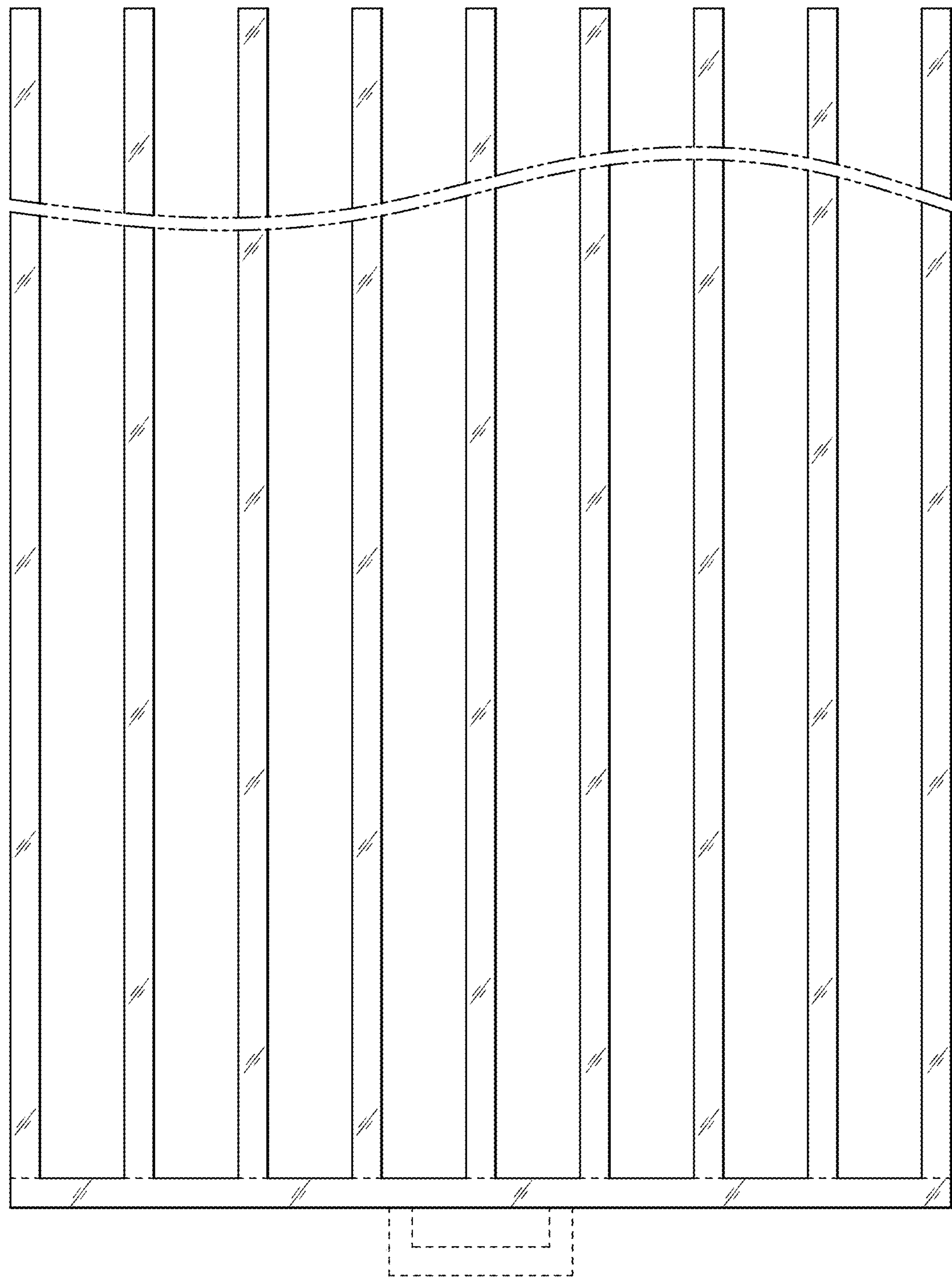


FIG. 23

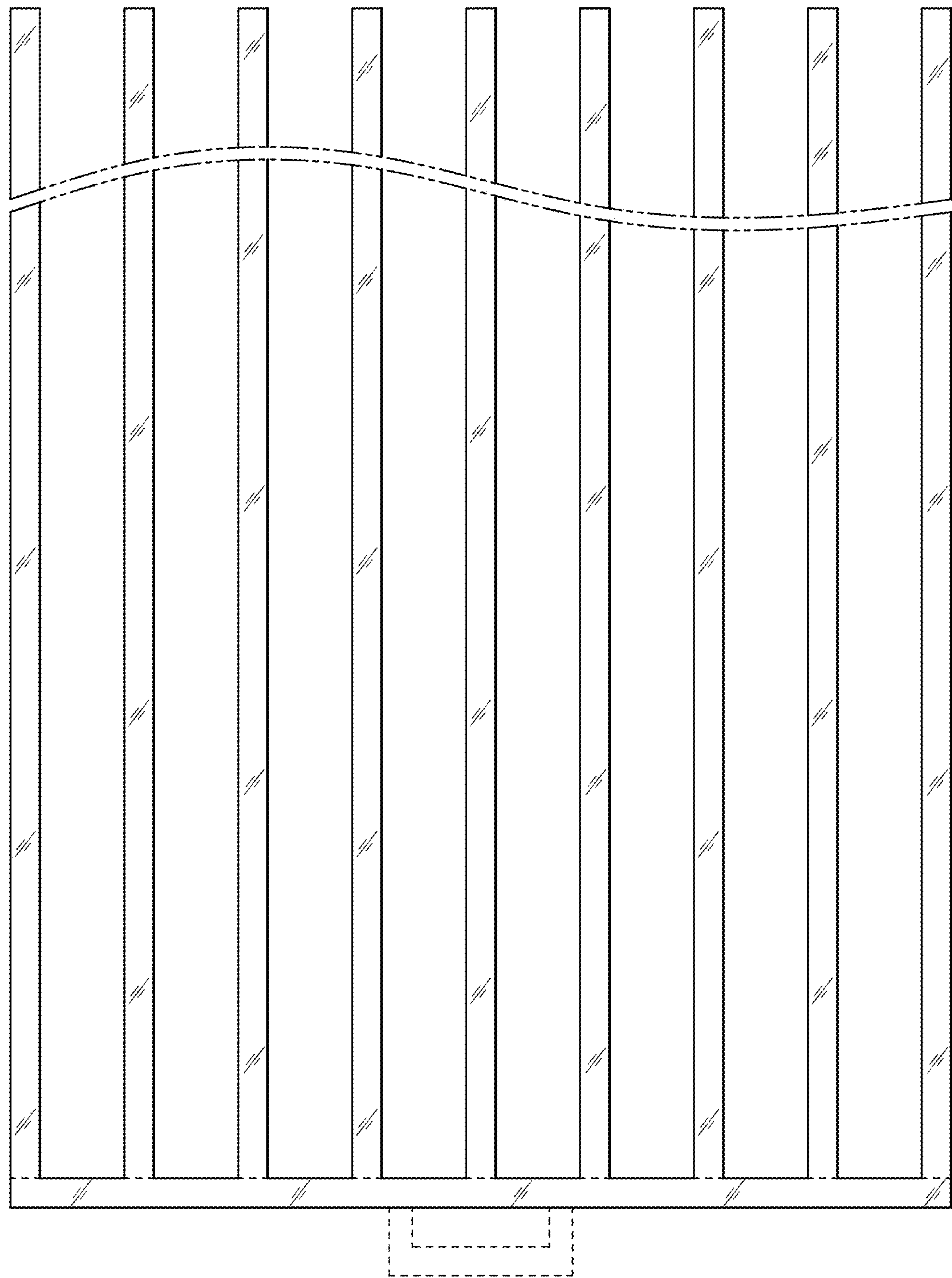


FIG. 24

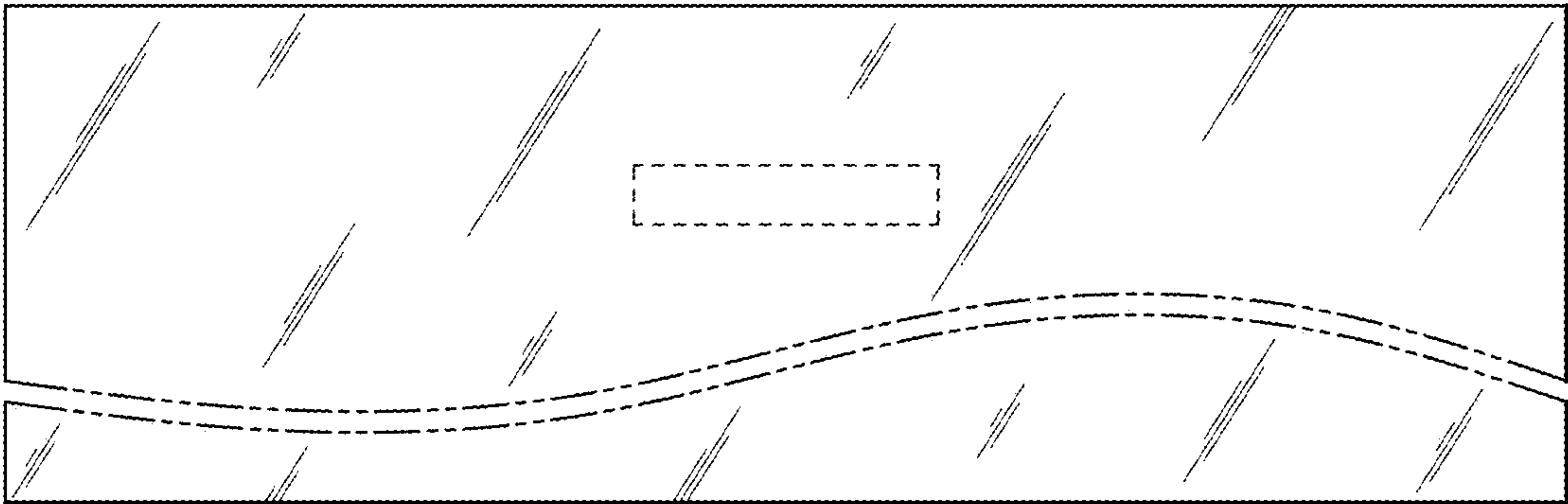


FIG. 25

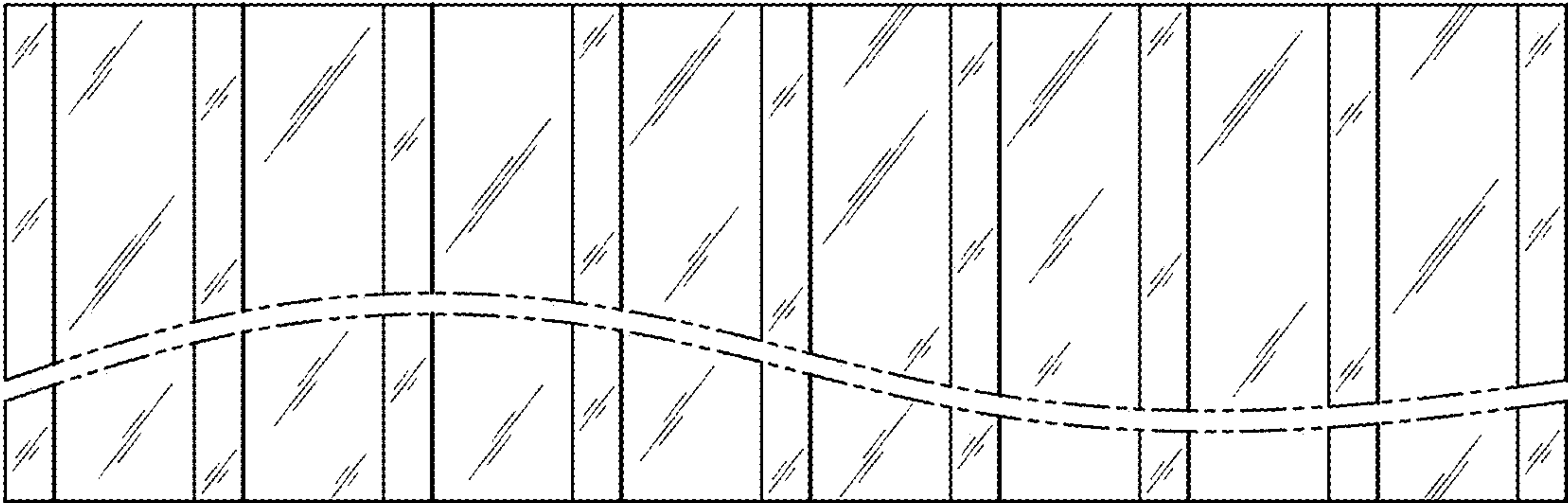


FIG. 26

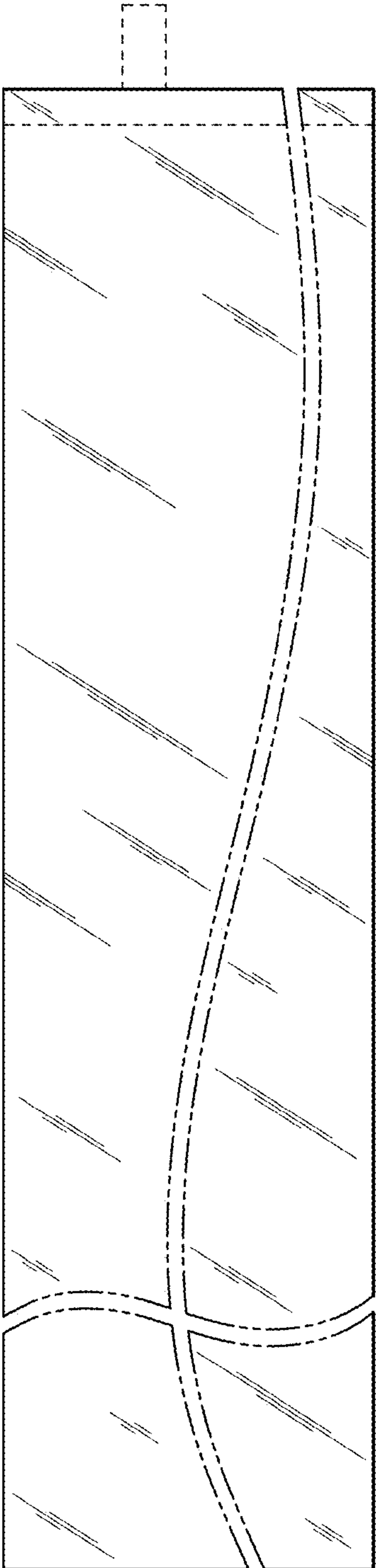


FIG. 27

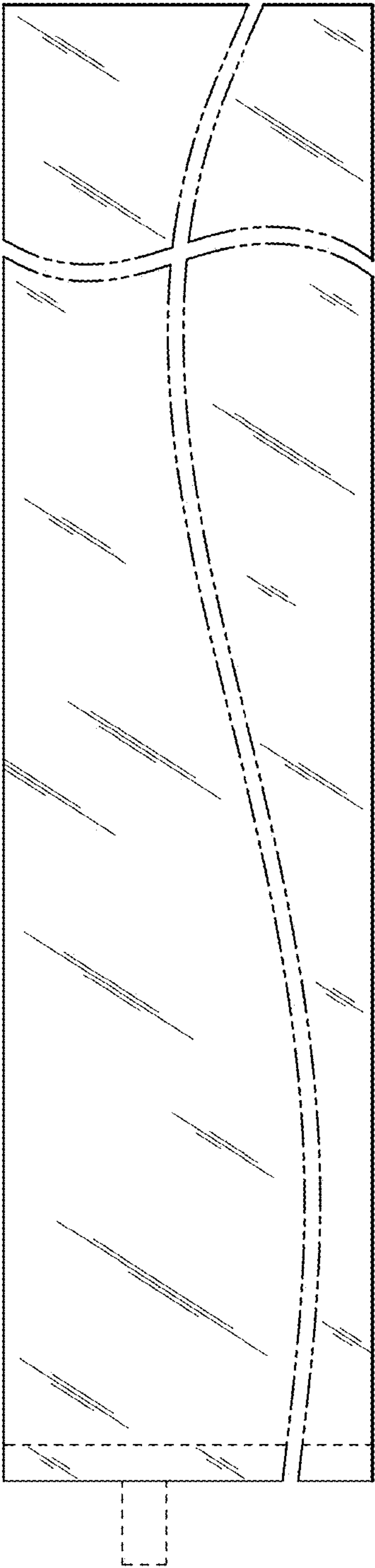


FIG. 28

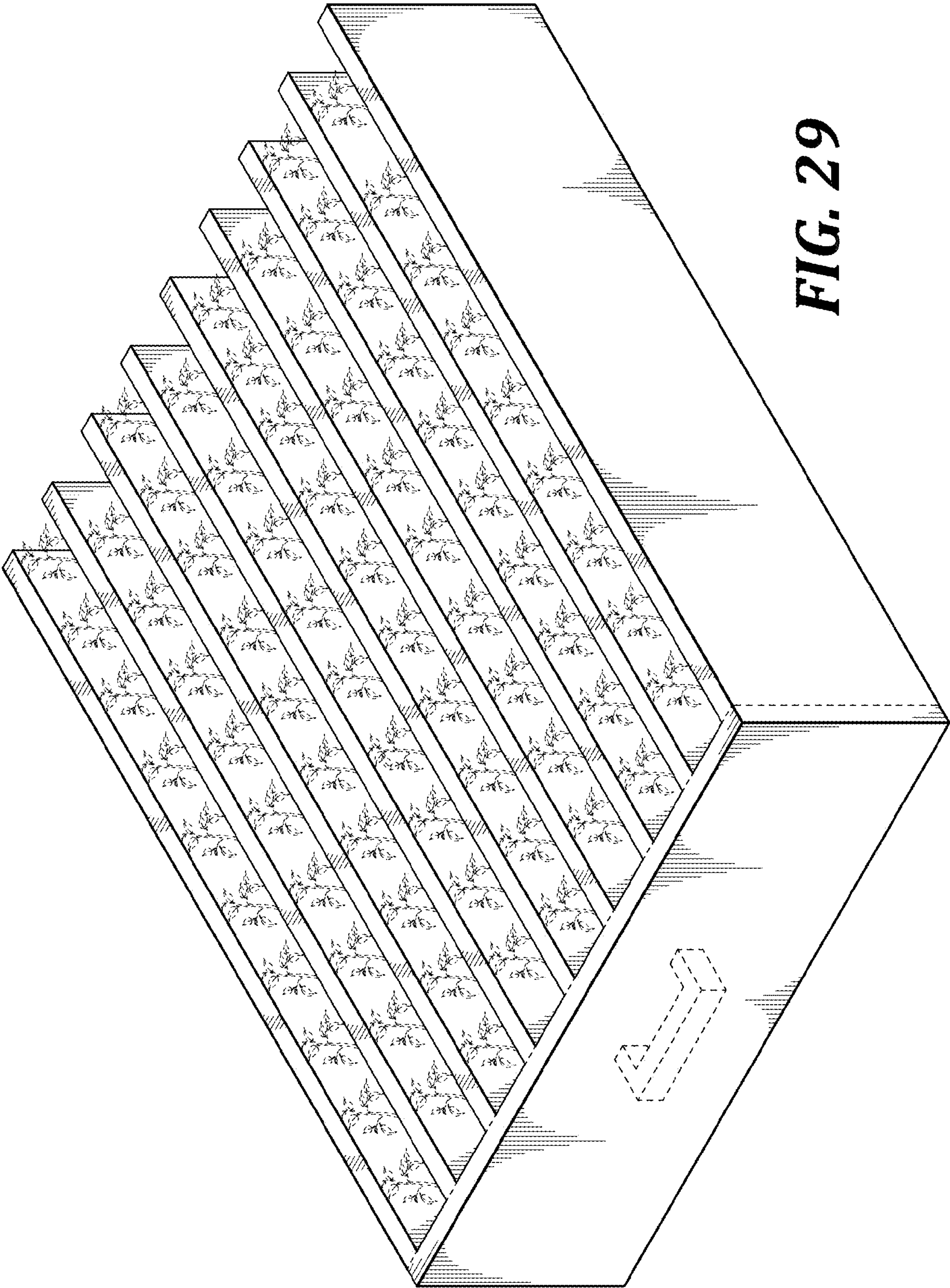


FIG. 29

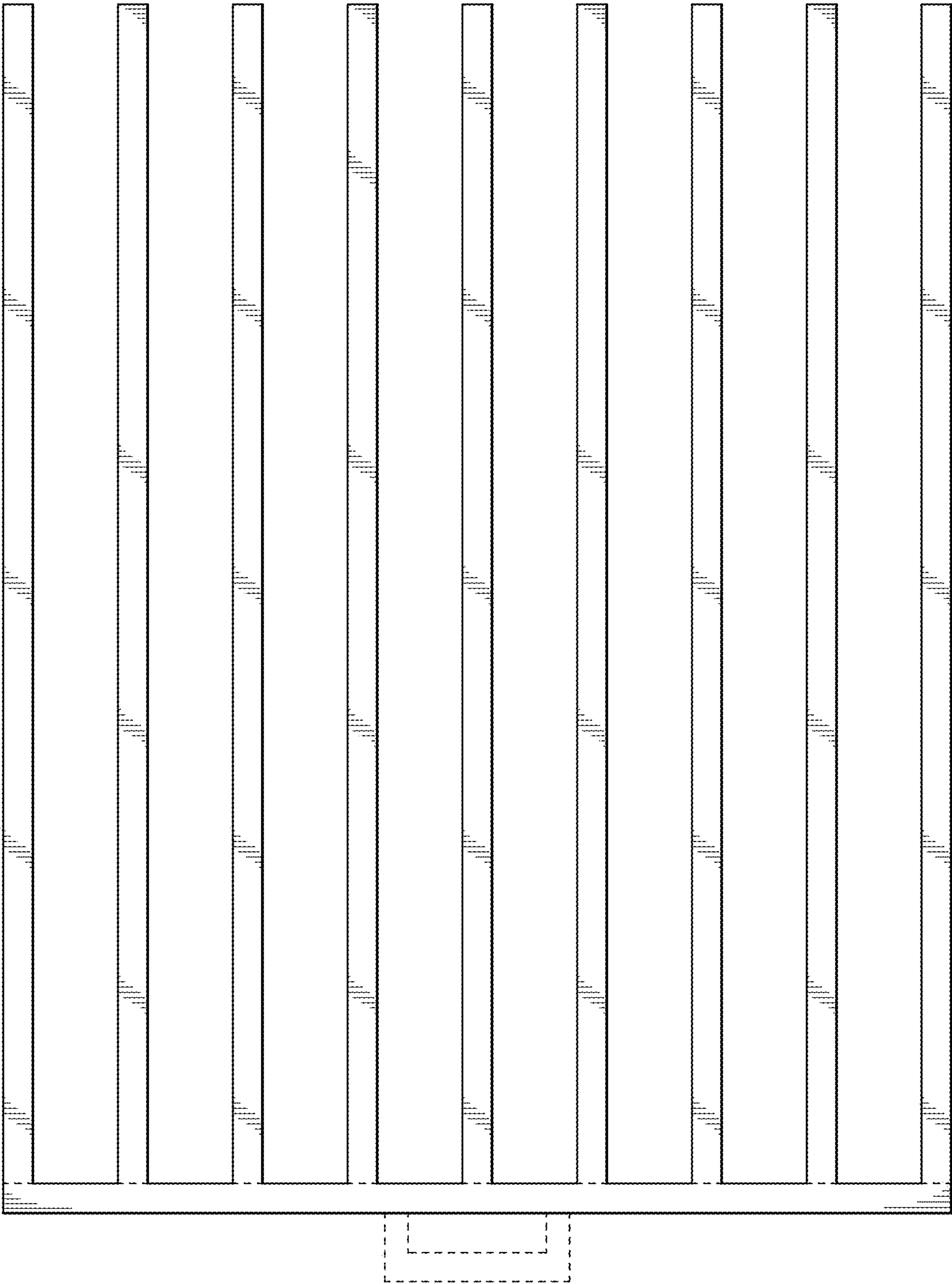


FIG. 30

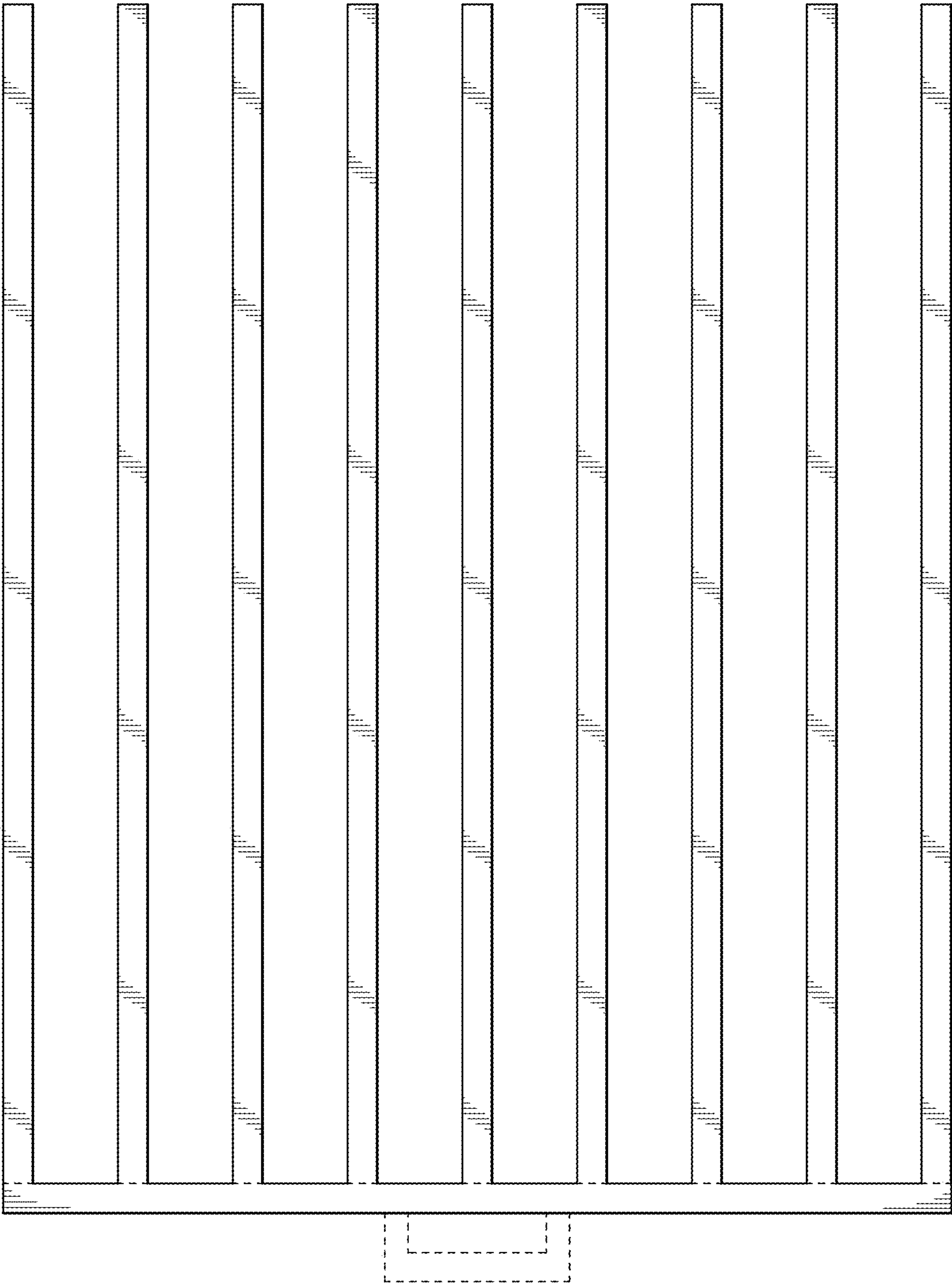


FIG. 31

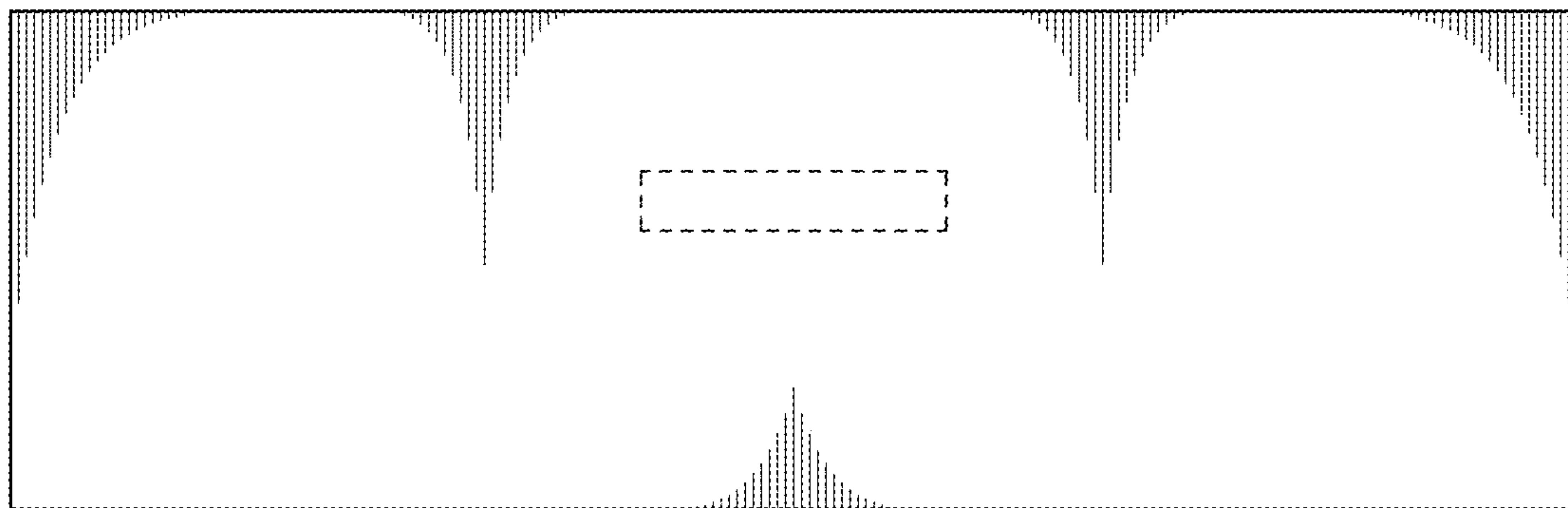


FIG. 32

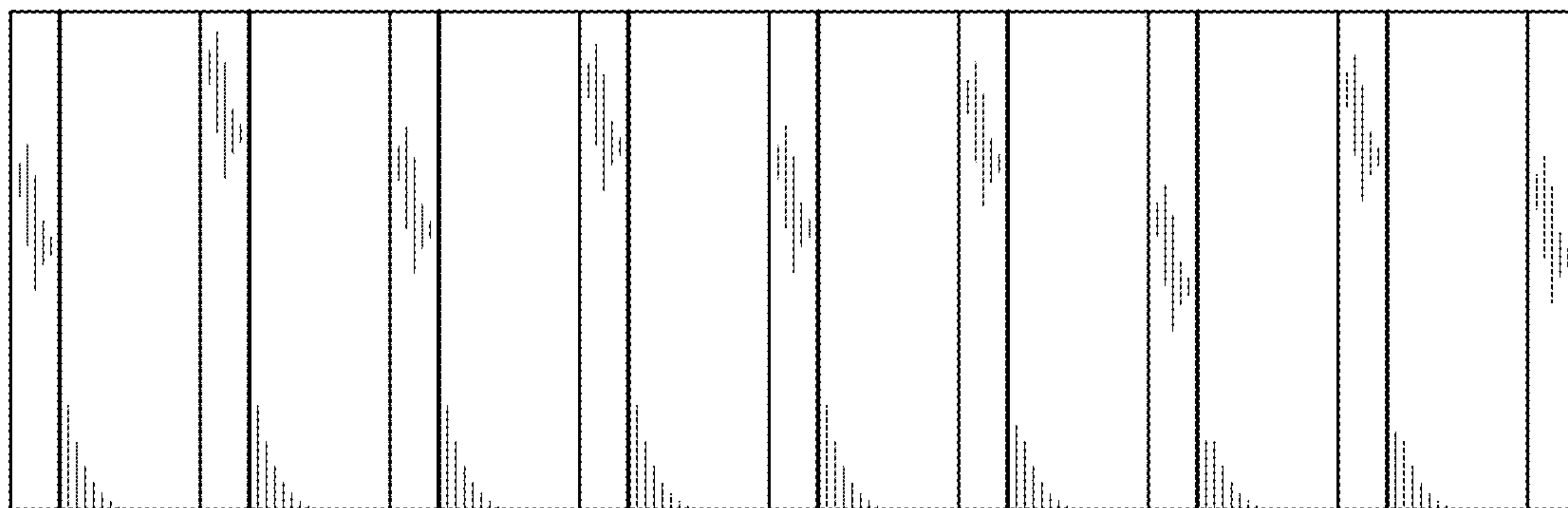


FIG. 33

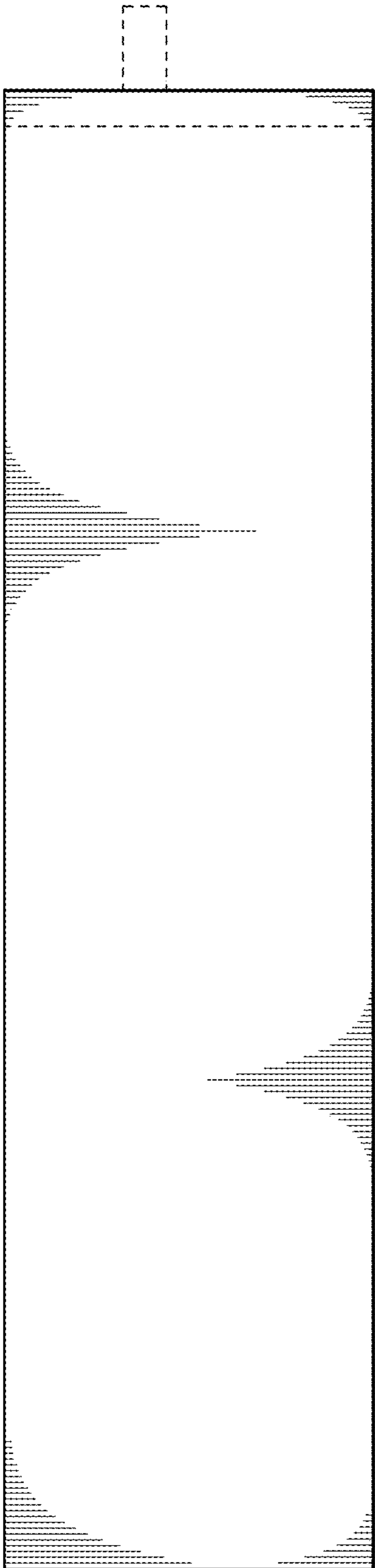


FIG. 34

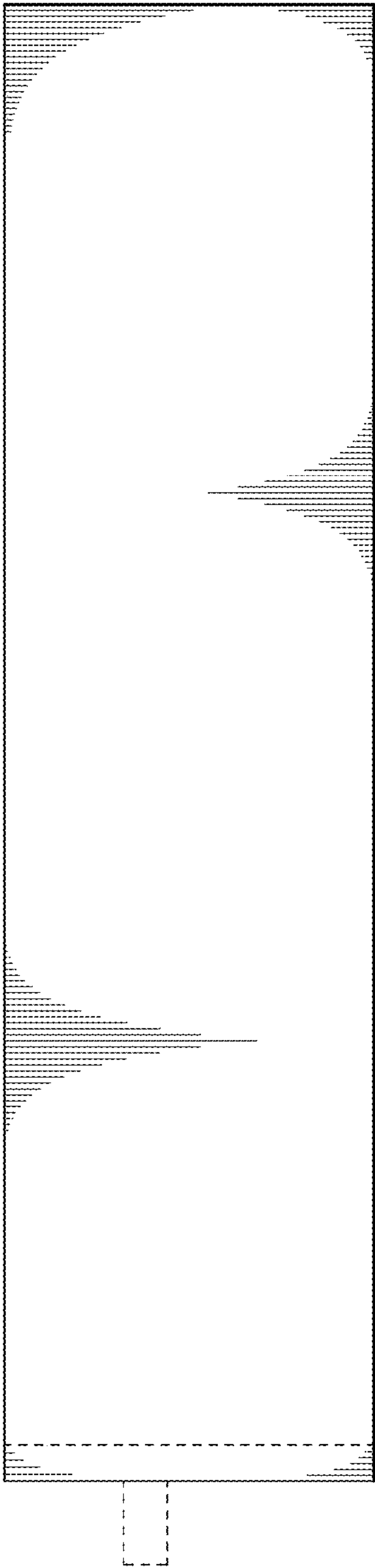


FIG. 35

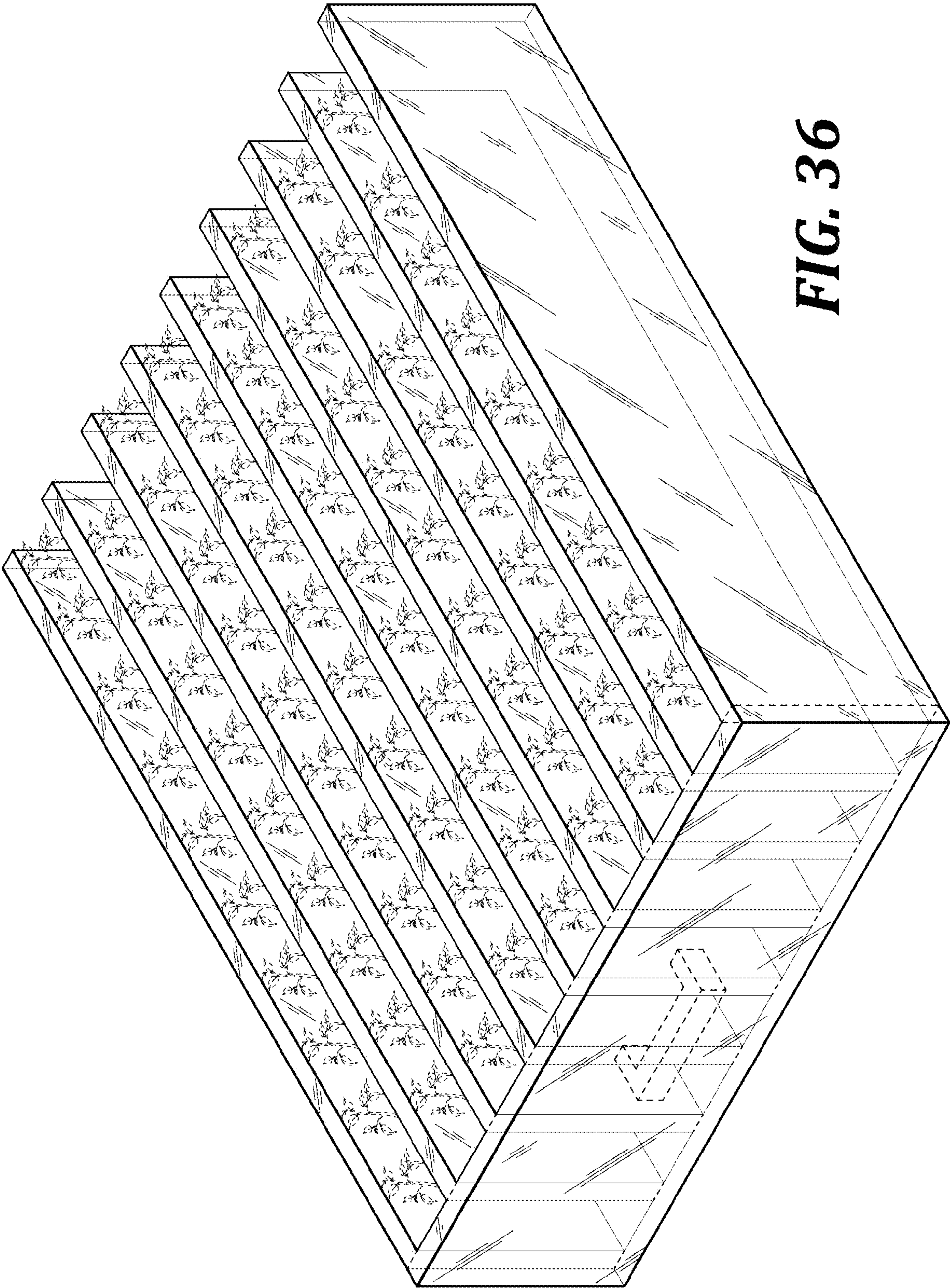


FIG. 36

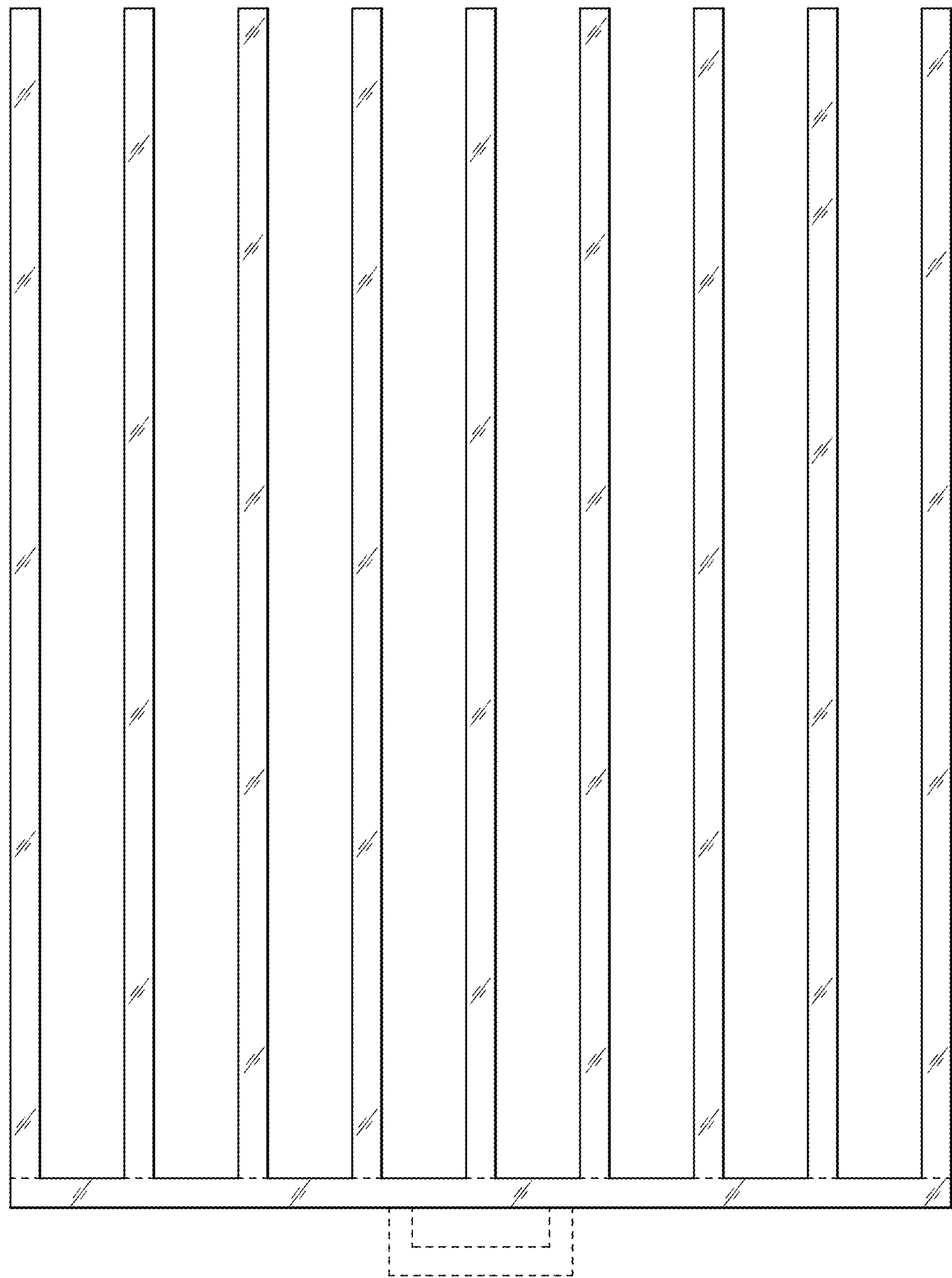


FIG. 37

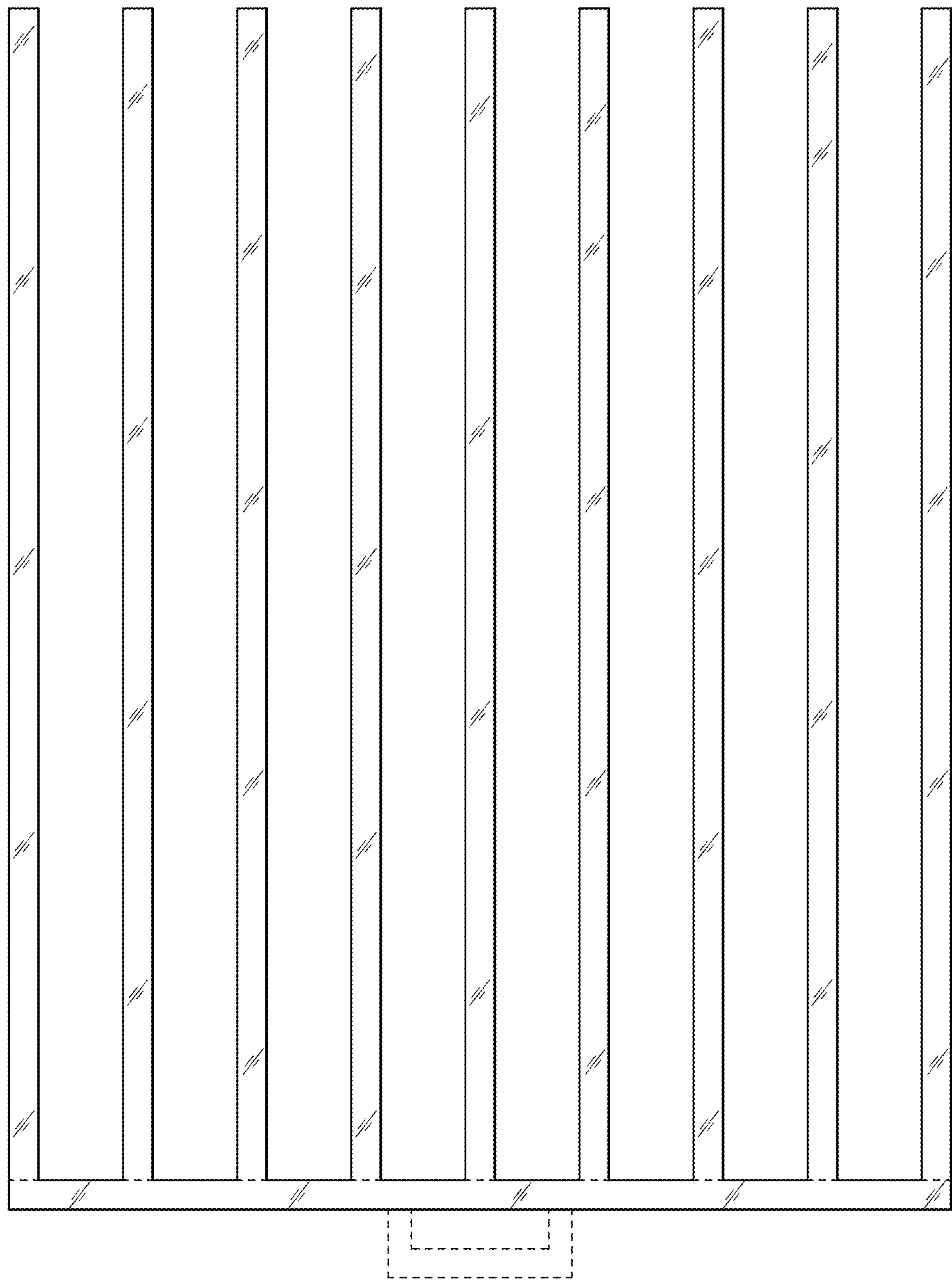


FIG. 38

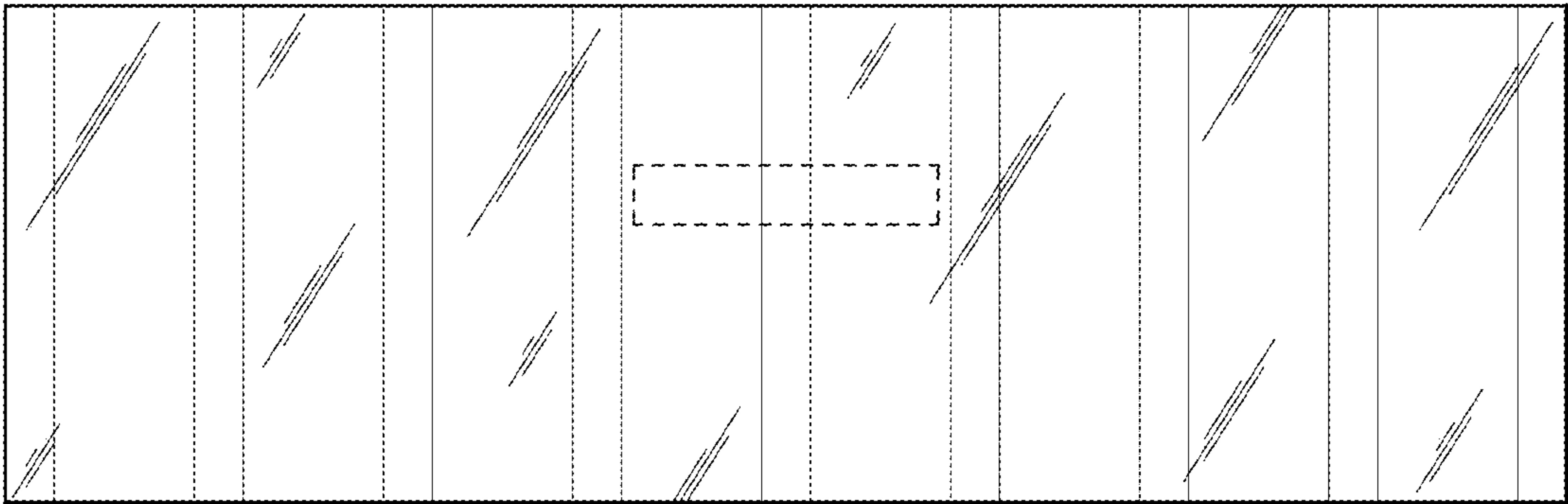


FIG. 39

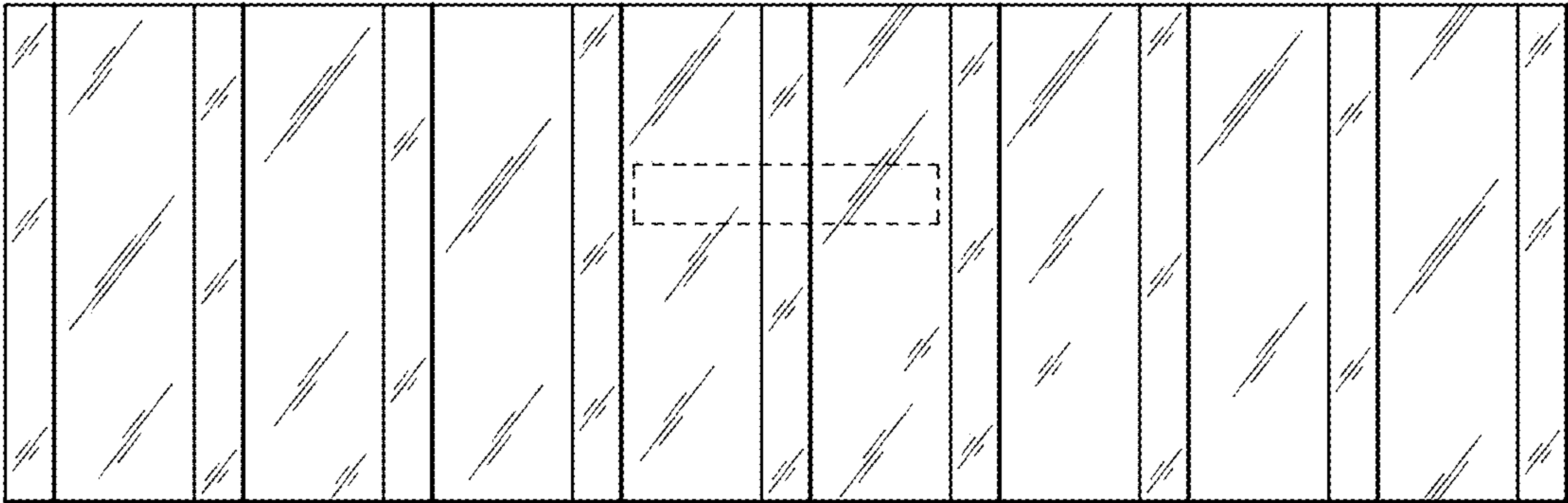


FIG. 40

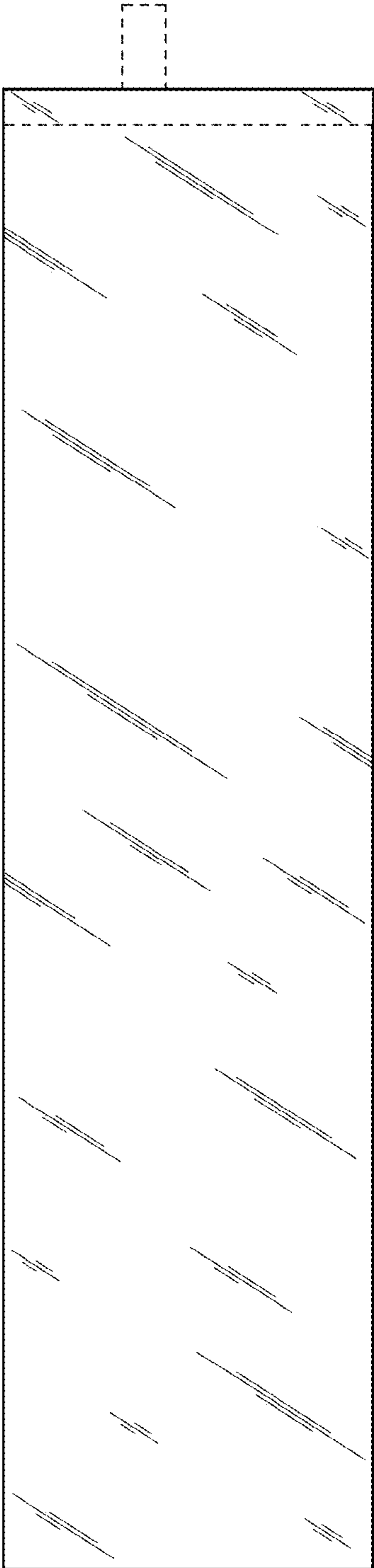


FIG. 41

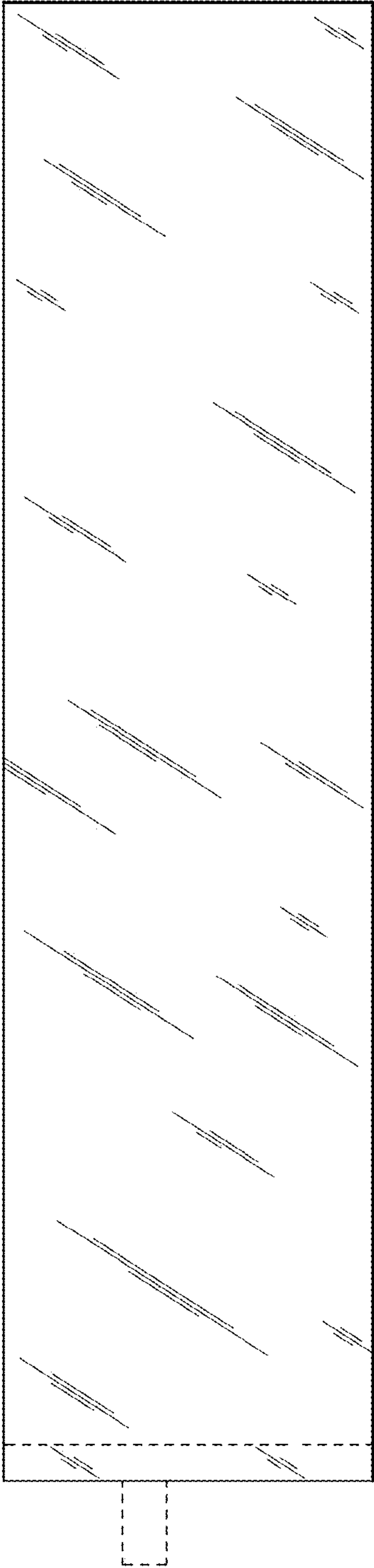


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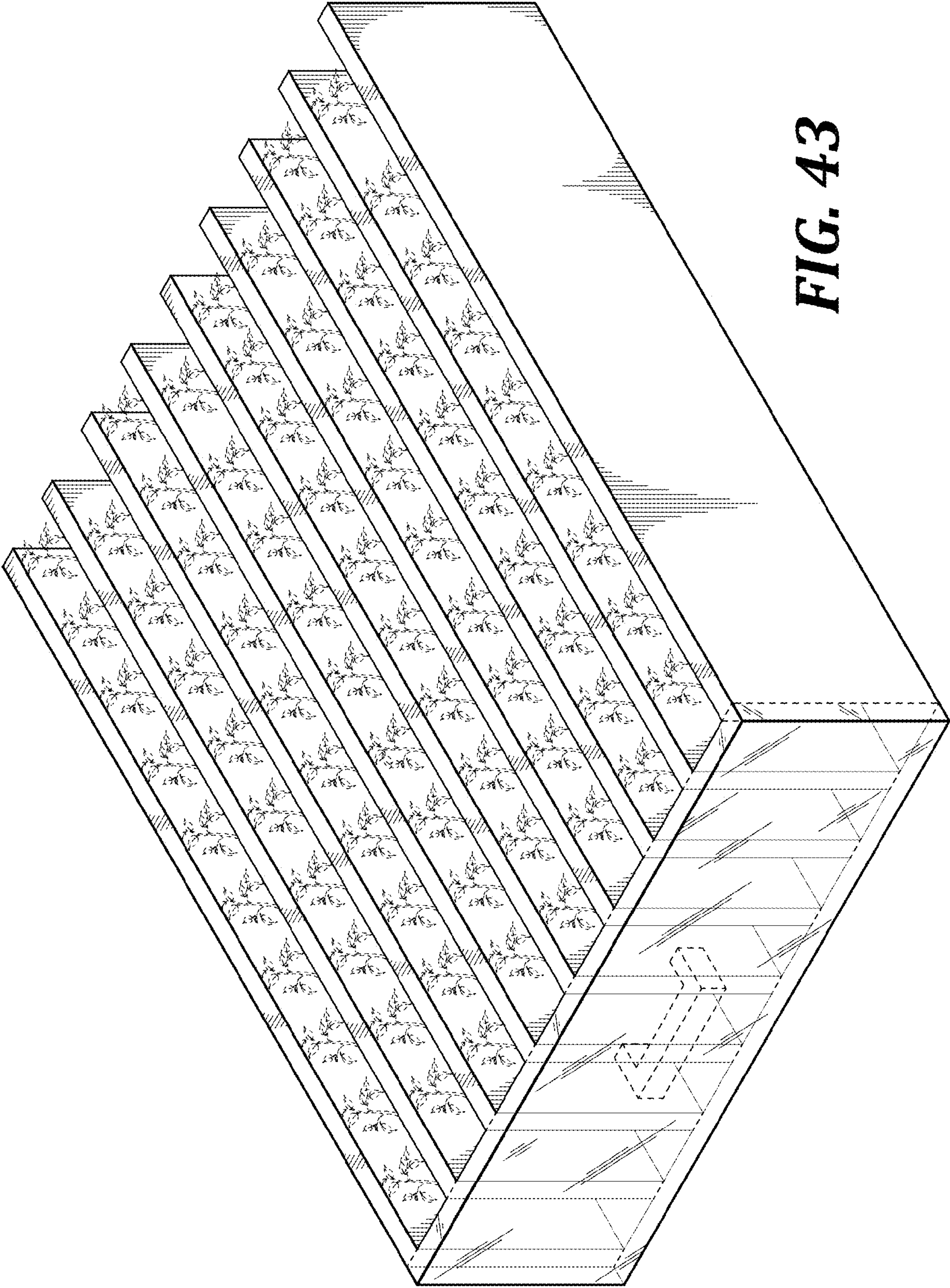


FIG. 43

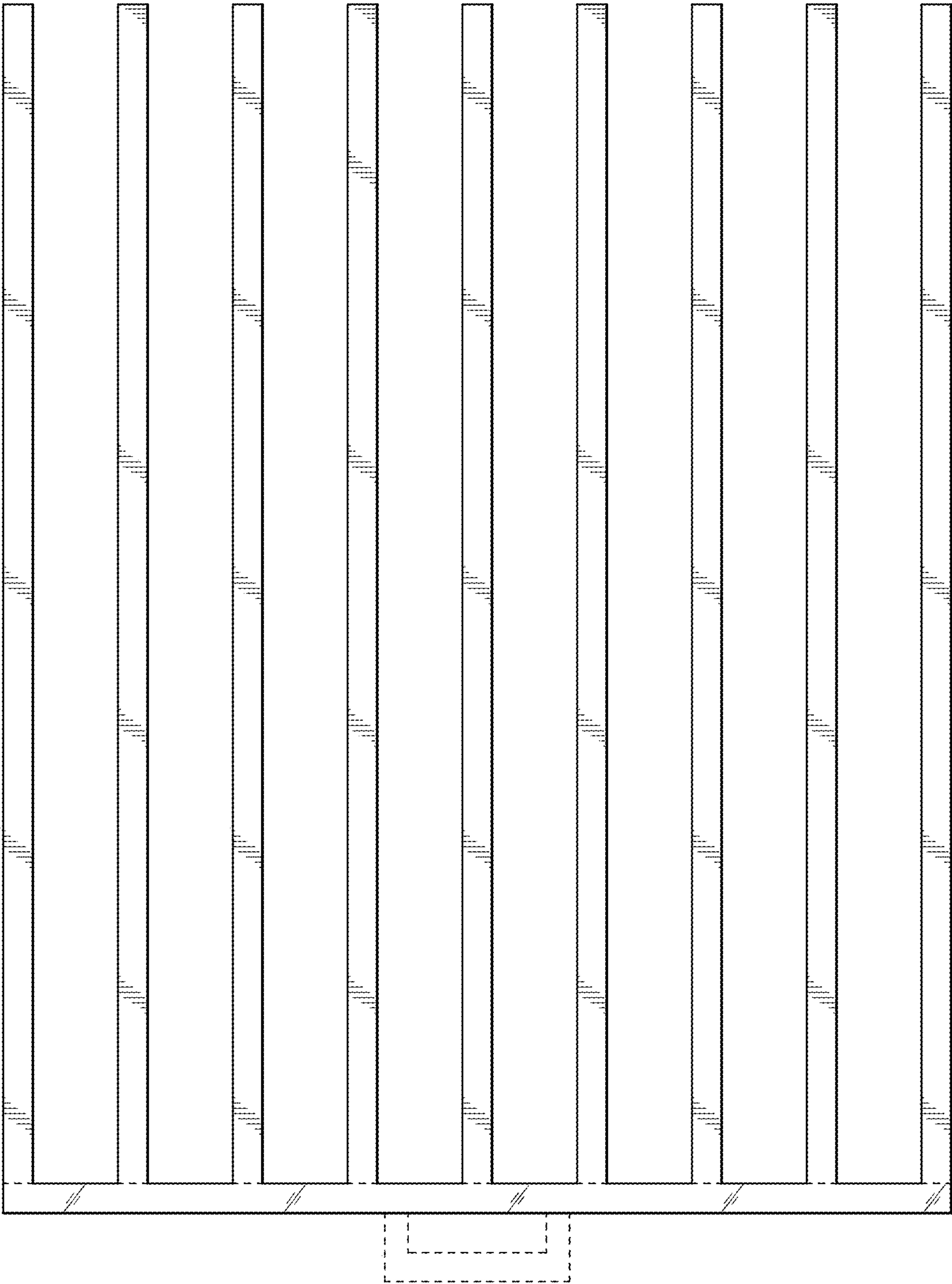


FIG. 44

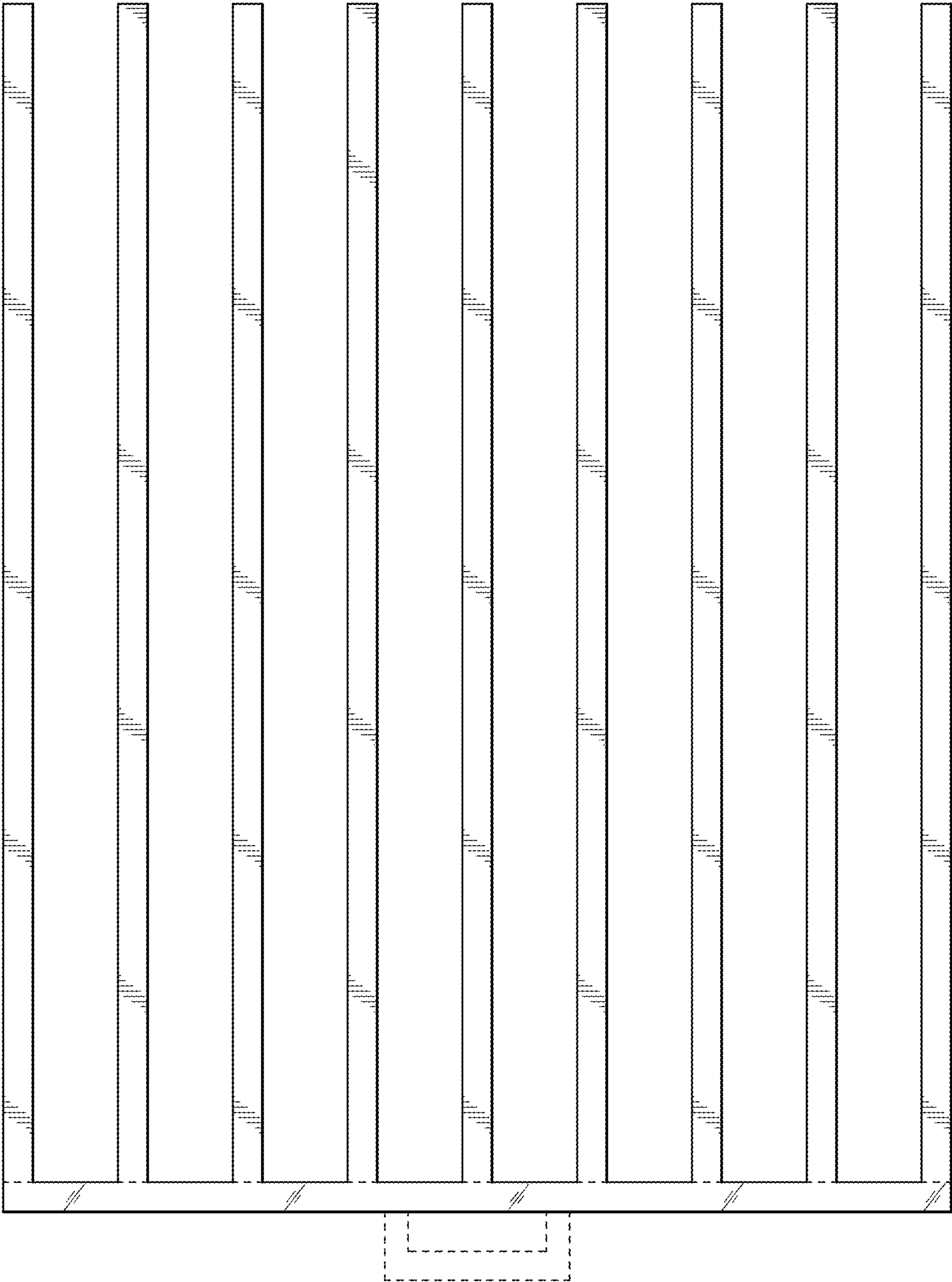


FIG. 45

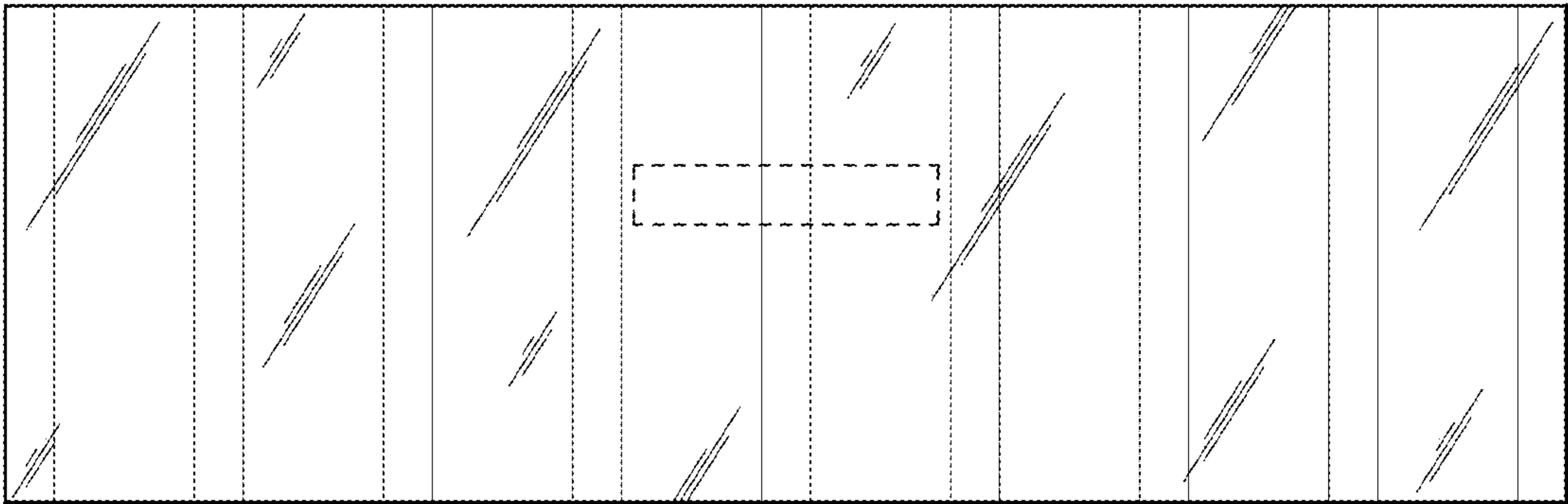


FIG. 46

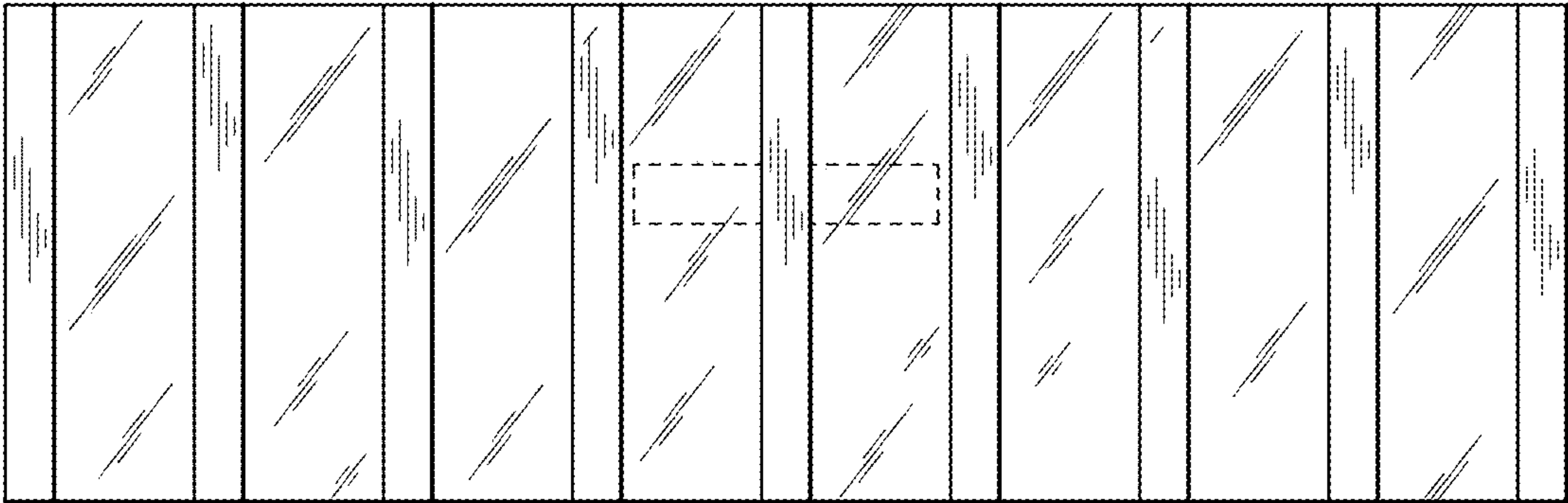


FIG. 47

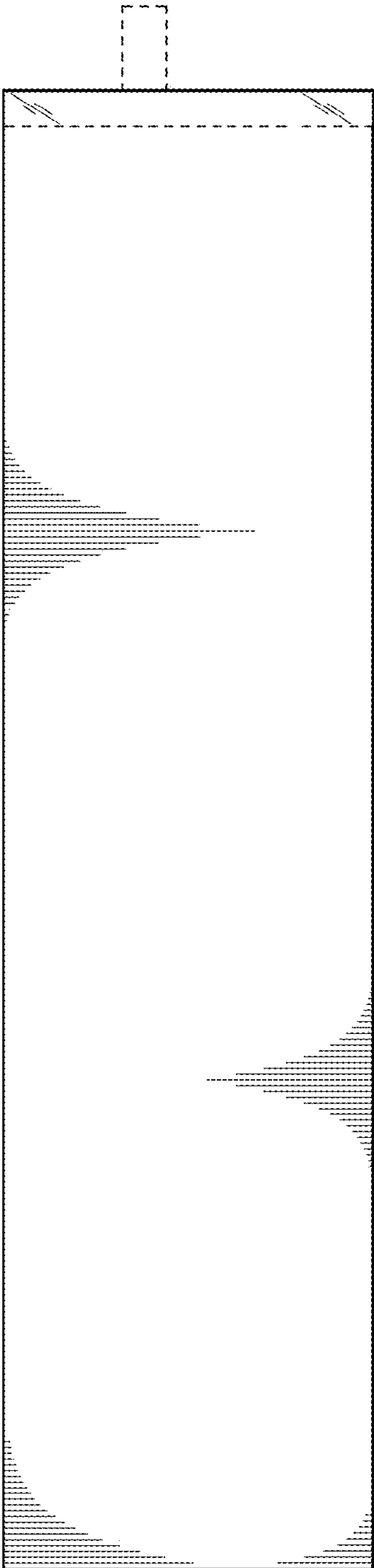


FIG. 48

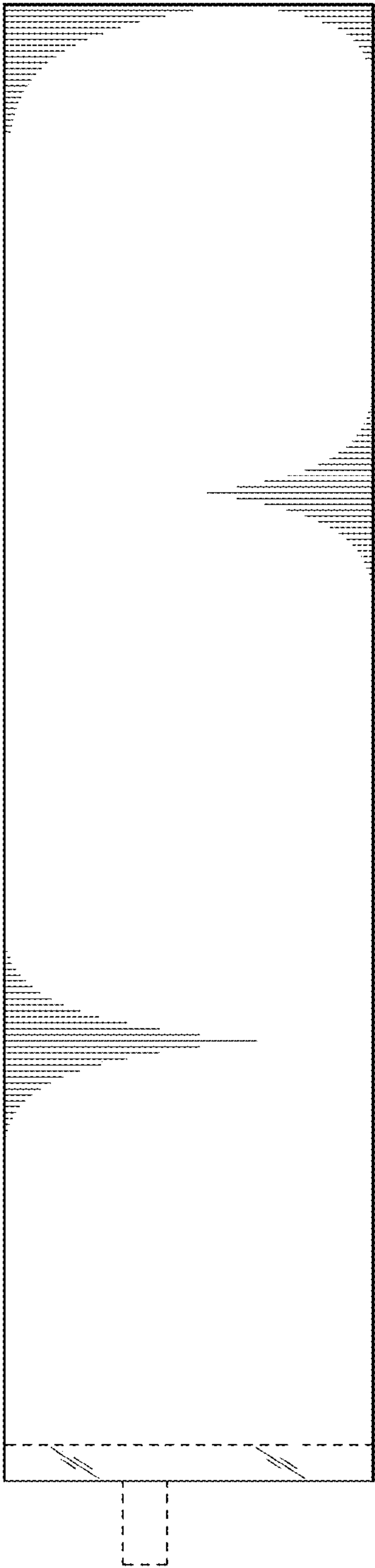


FIG. 49

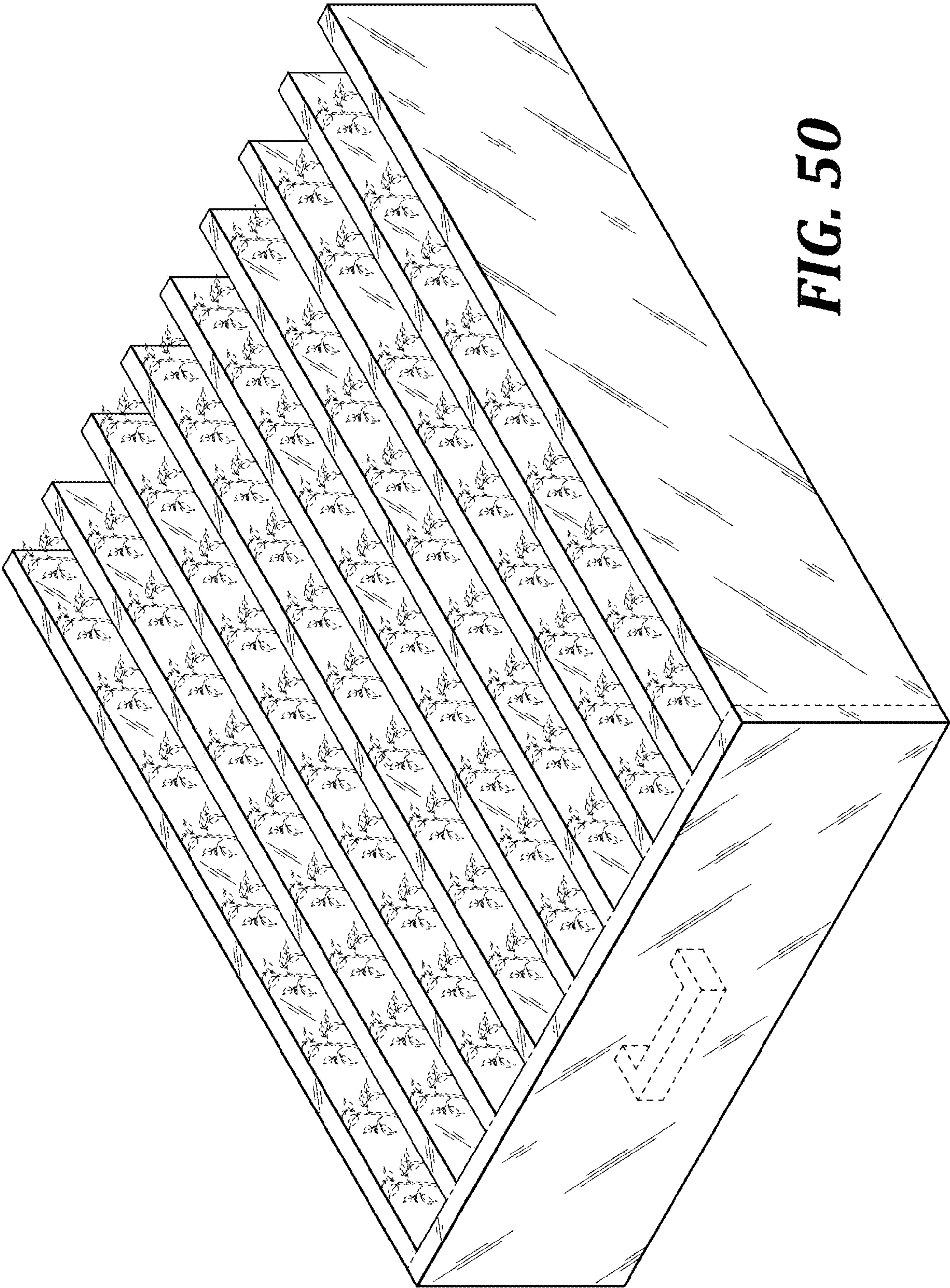


FIG. 50

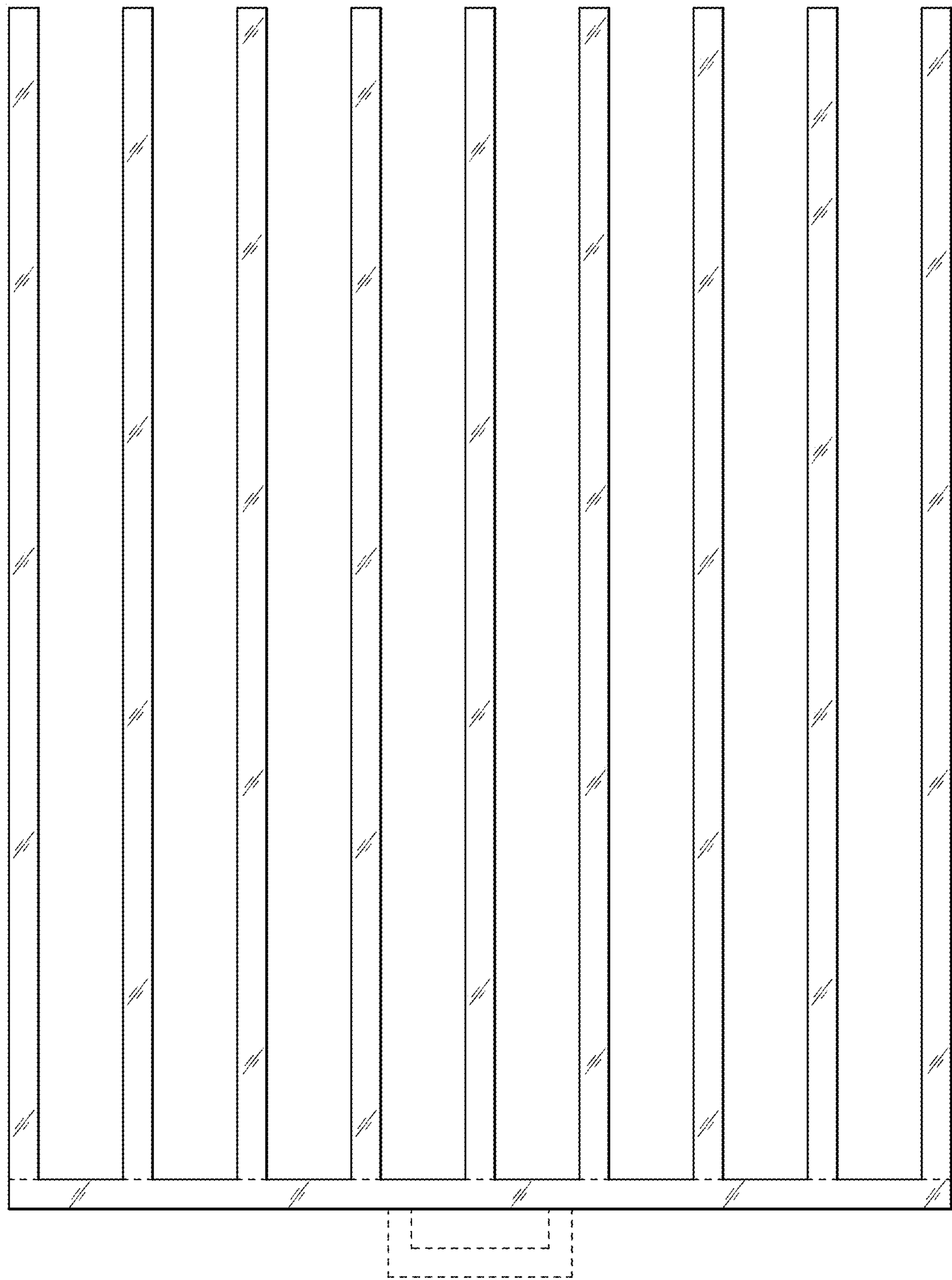


FIG. 51

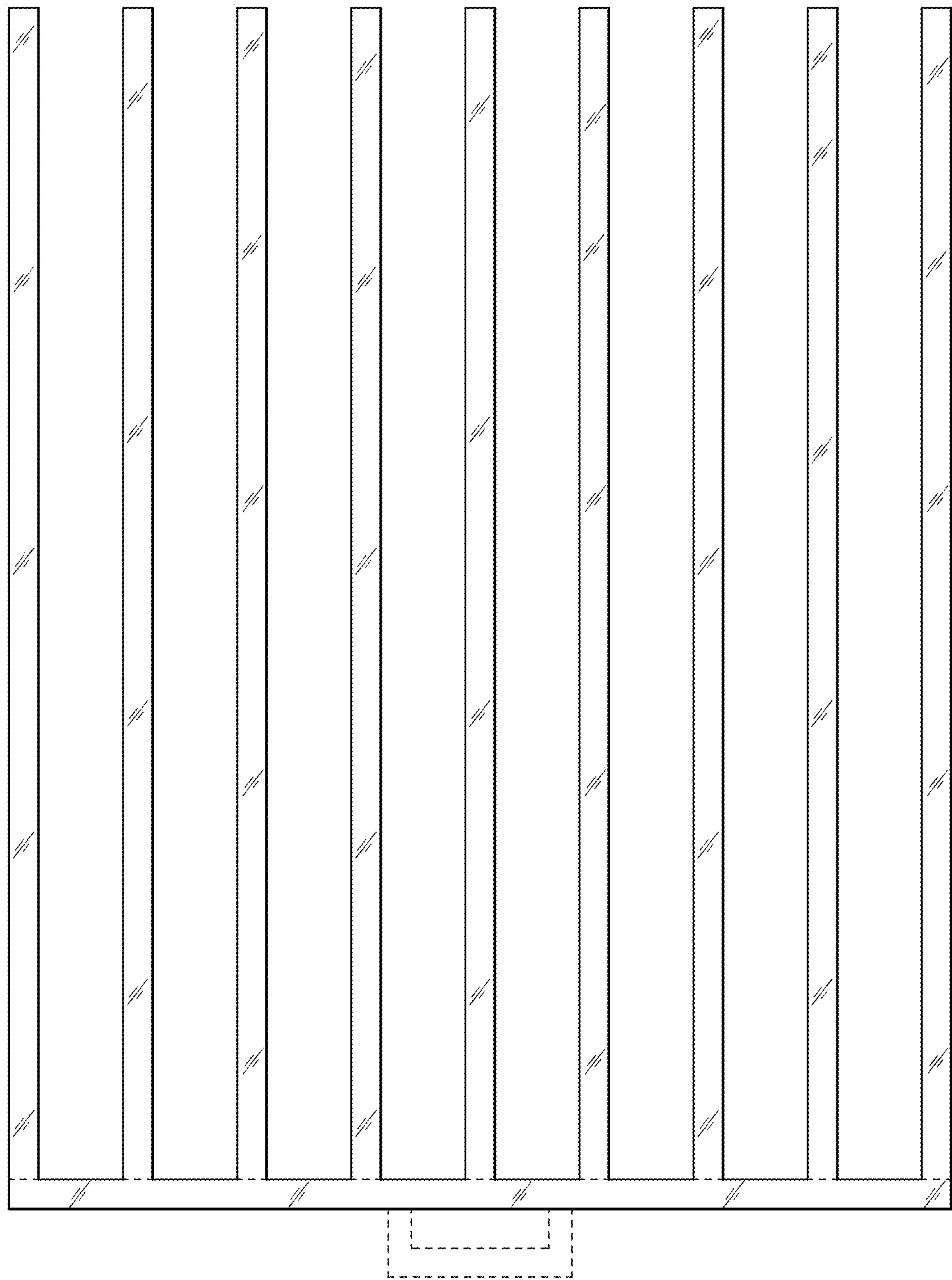


FIG. 52

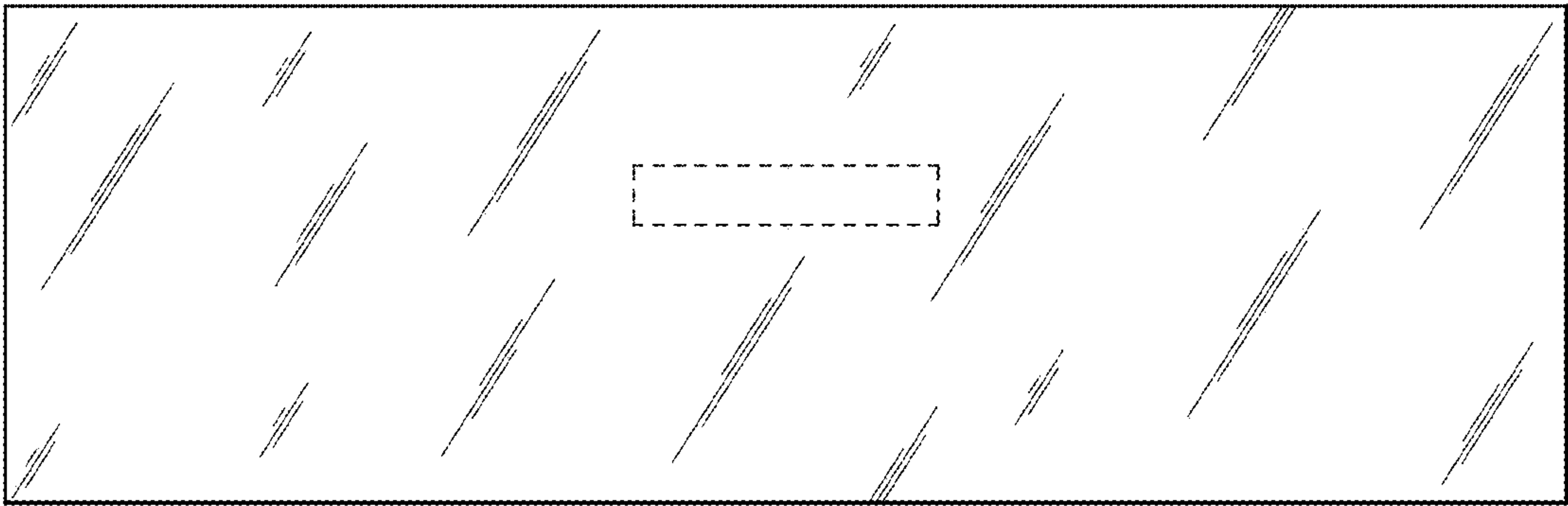


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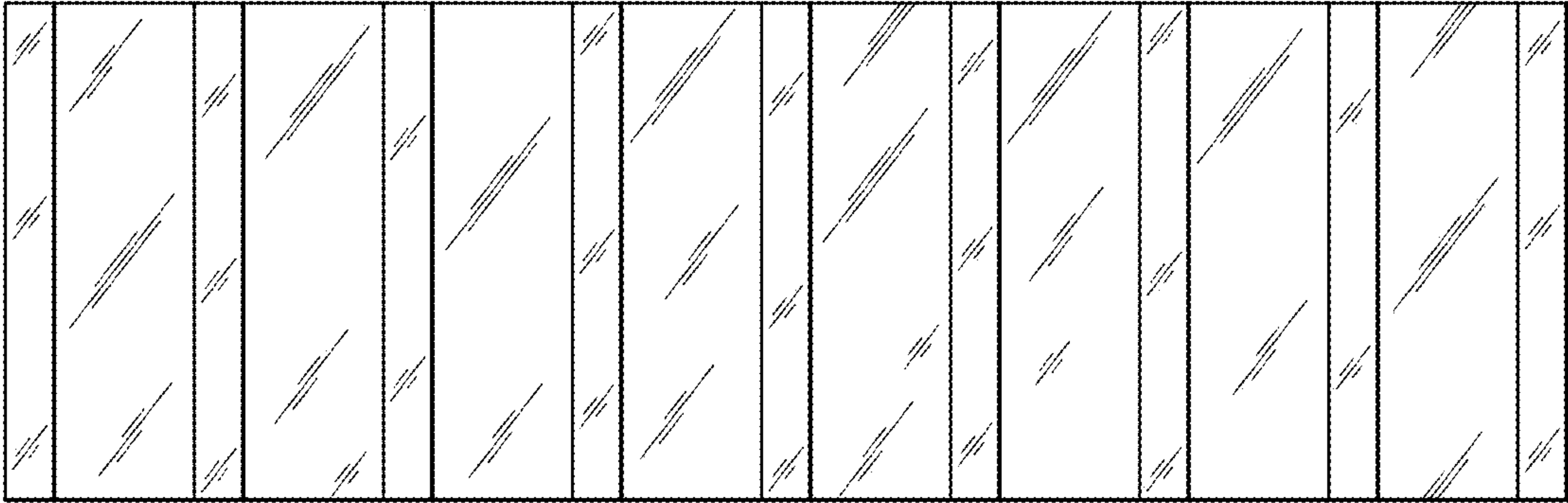


FIG. 54

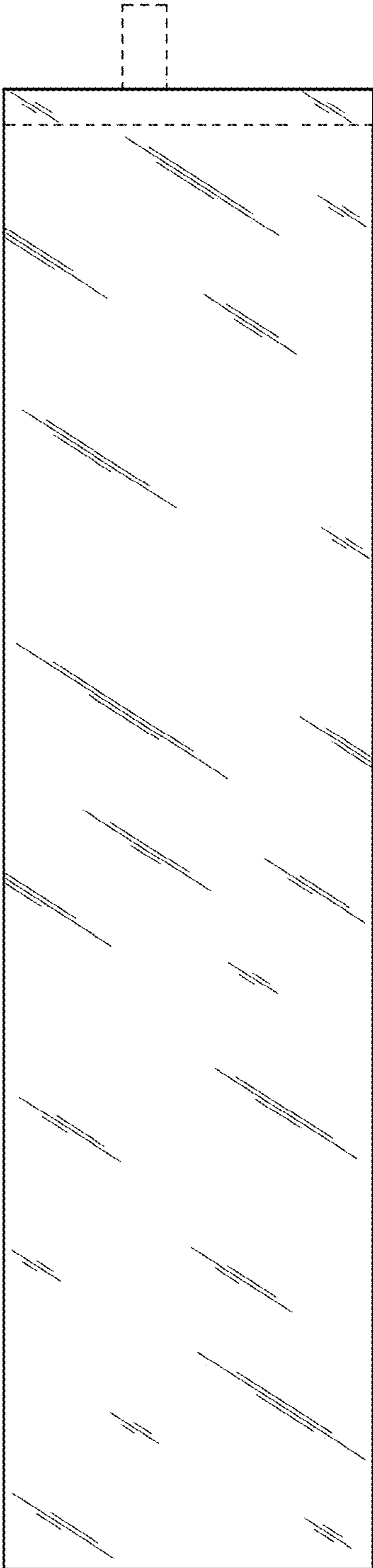


FIG. 55

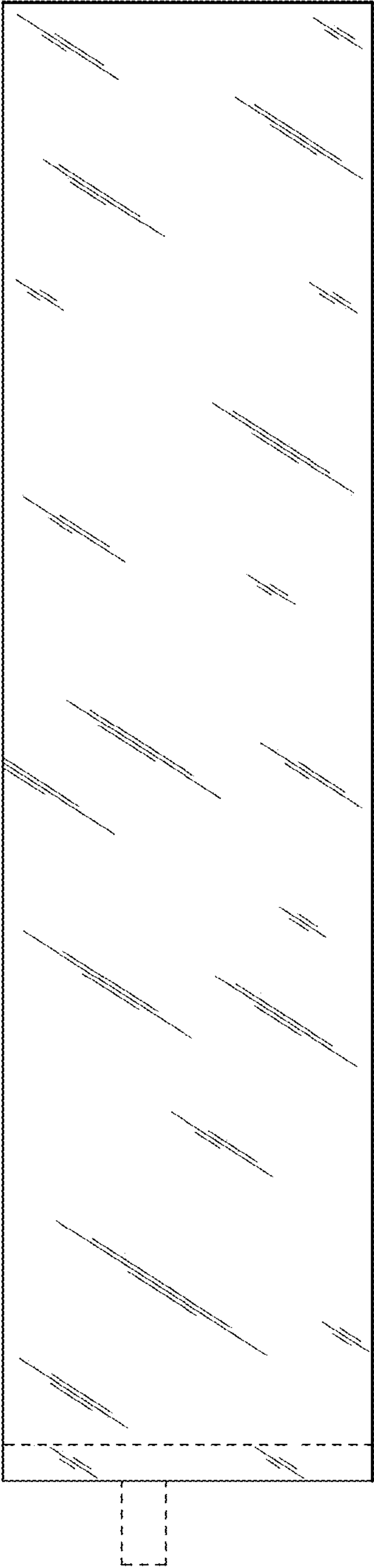


FIG. 56

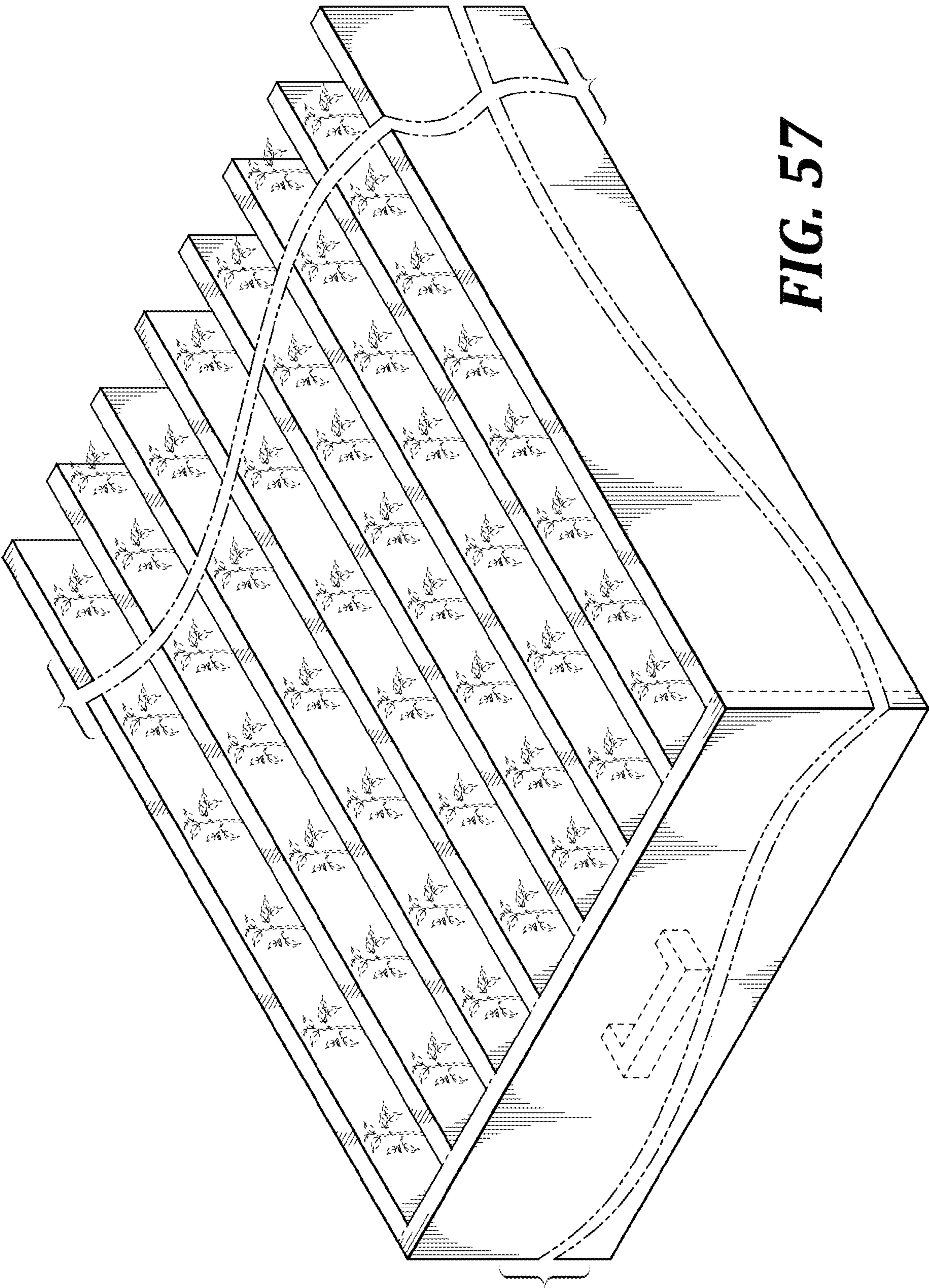


FIG. 57

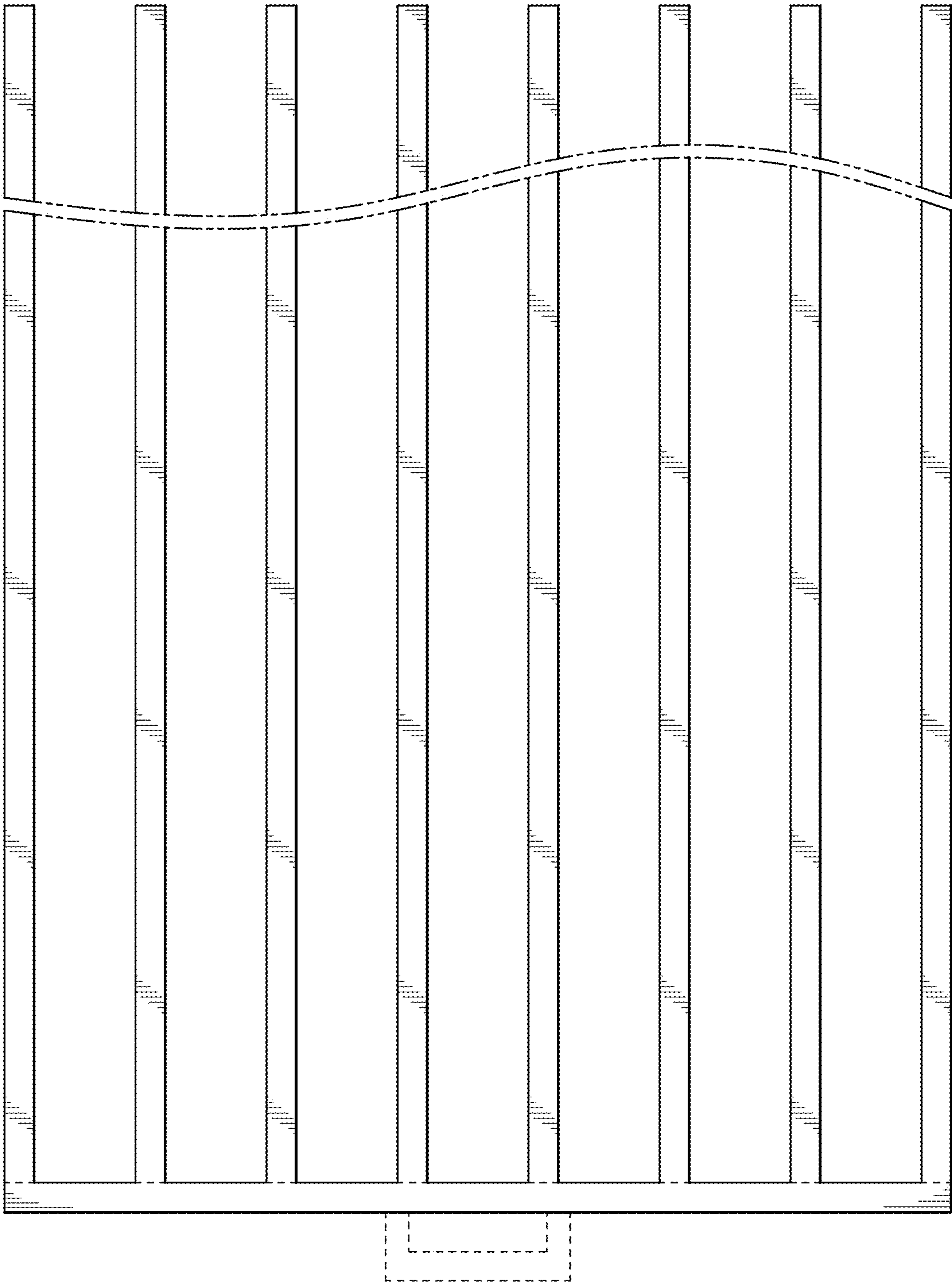


FIG. 58

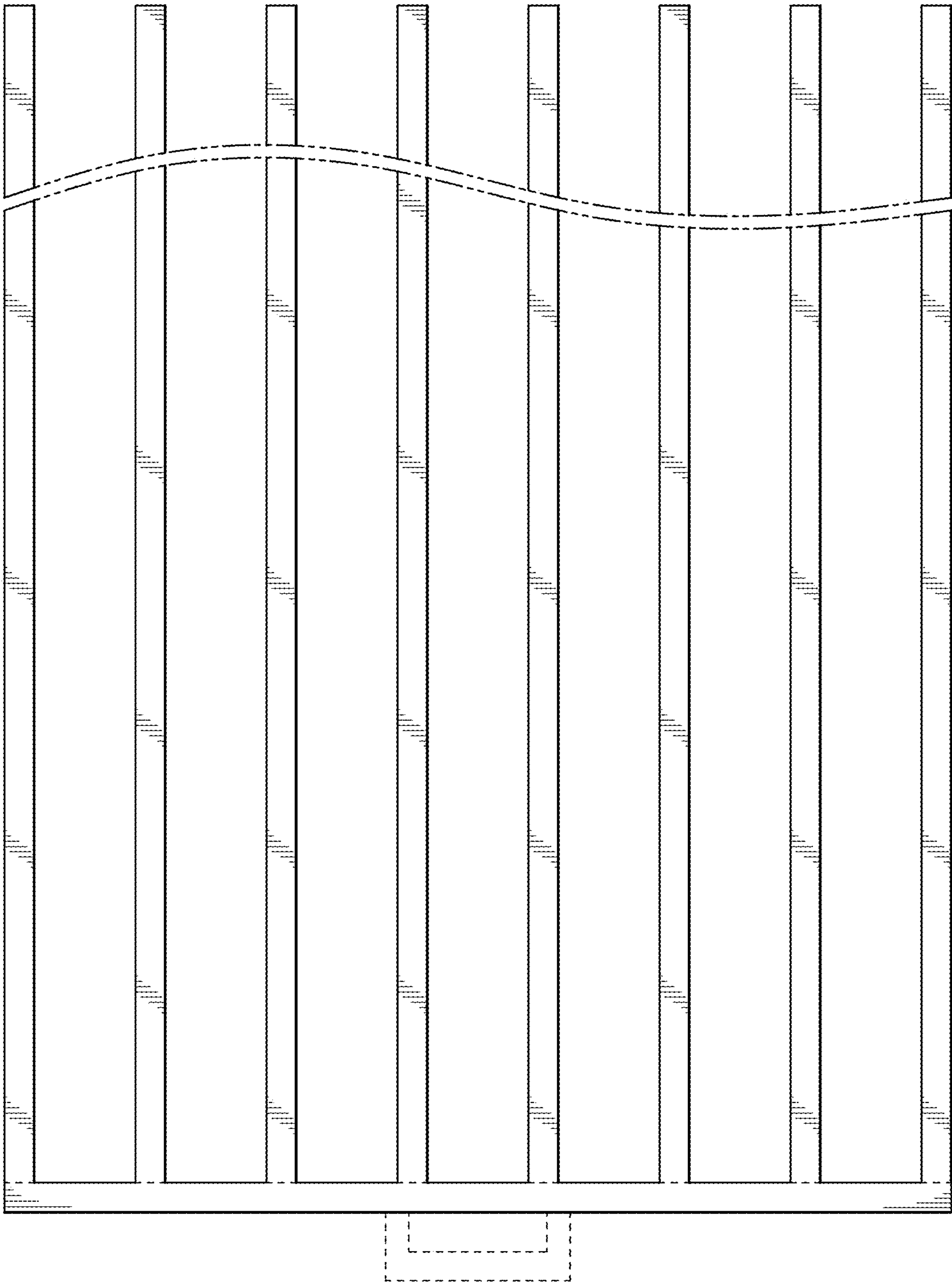


FIG. 59

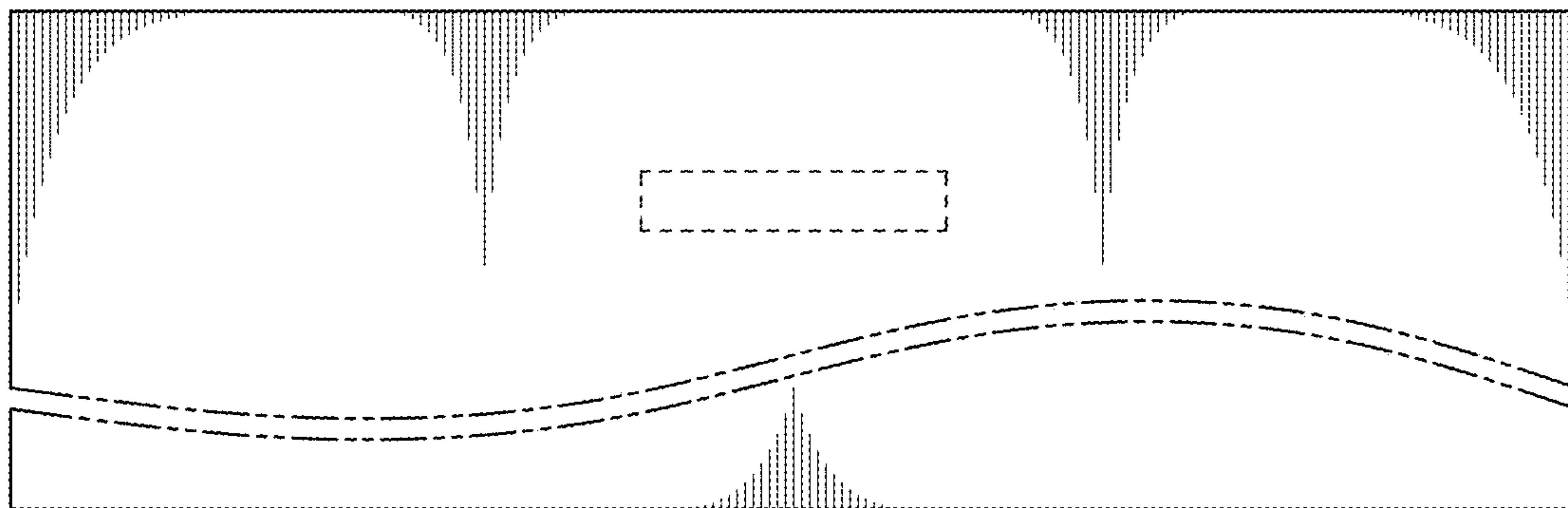


FIG. 60

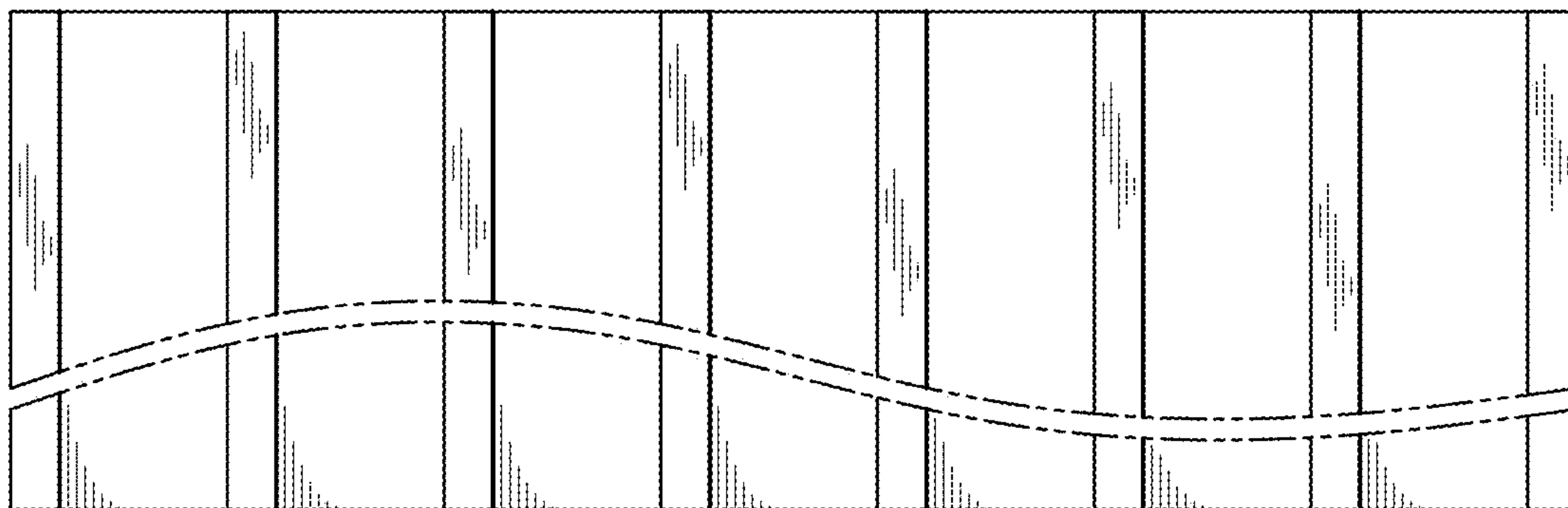


FIG. 61

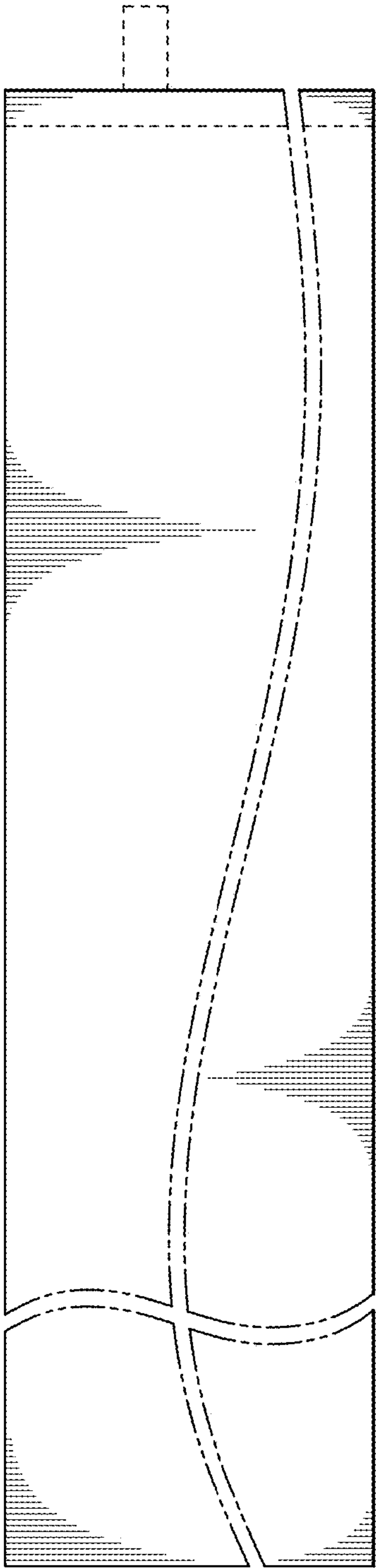


FIG. 62

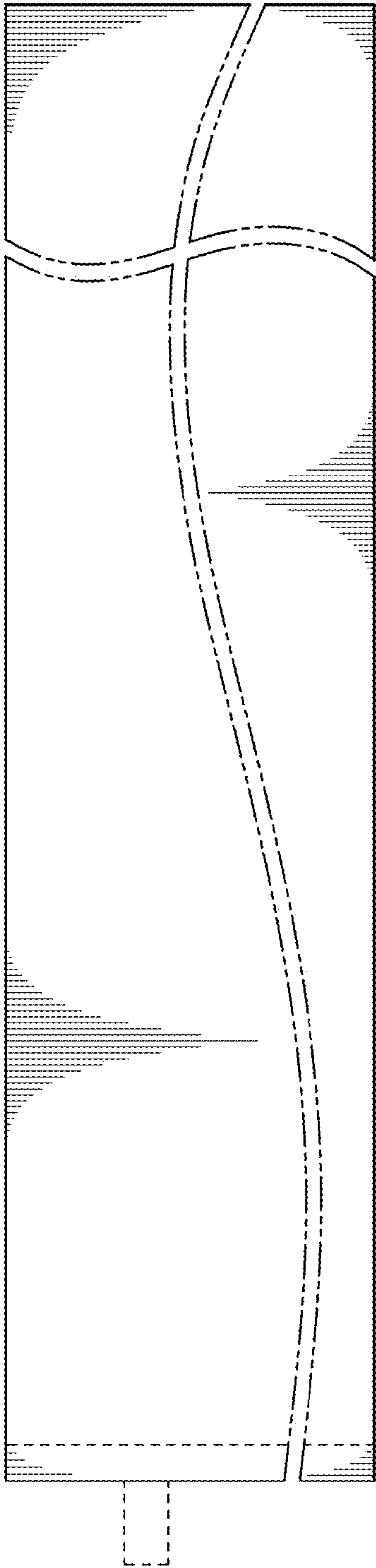


FIG. 63

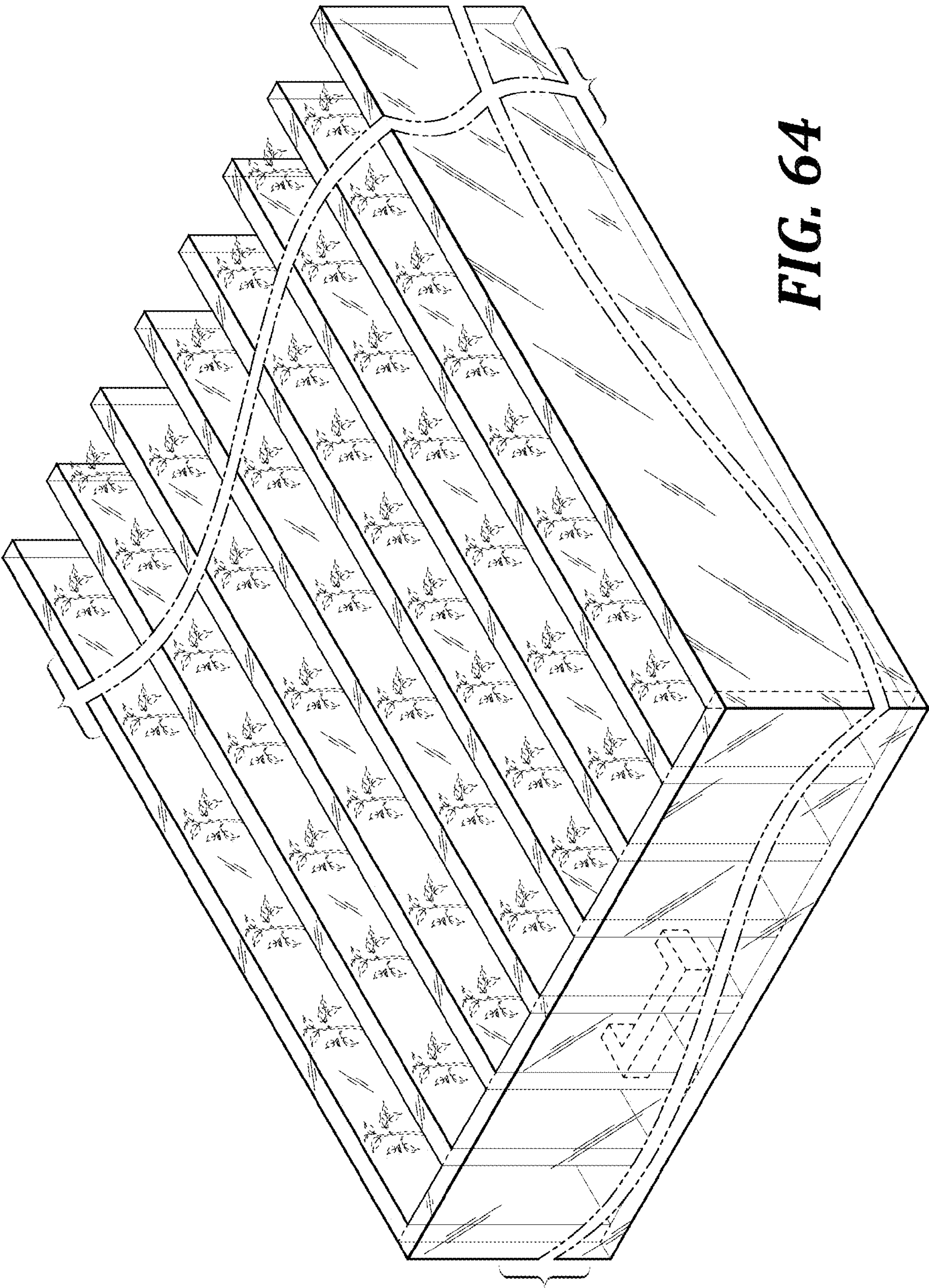


FIG. 64

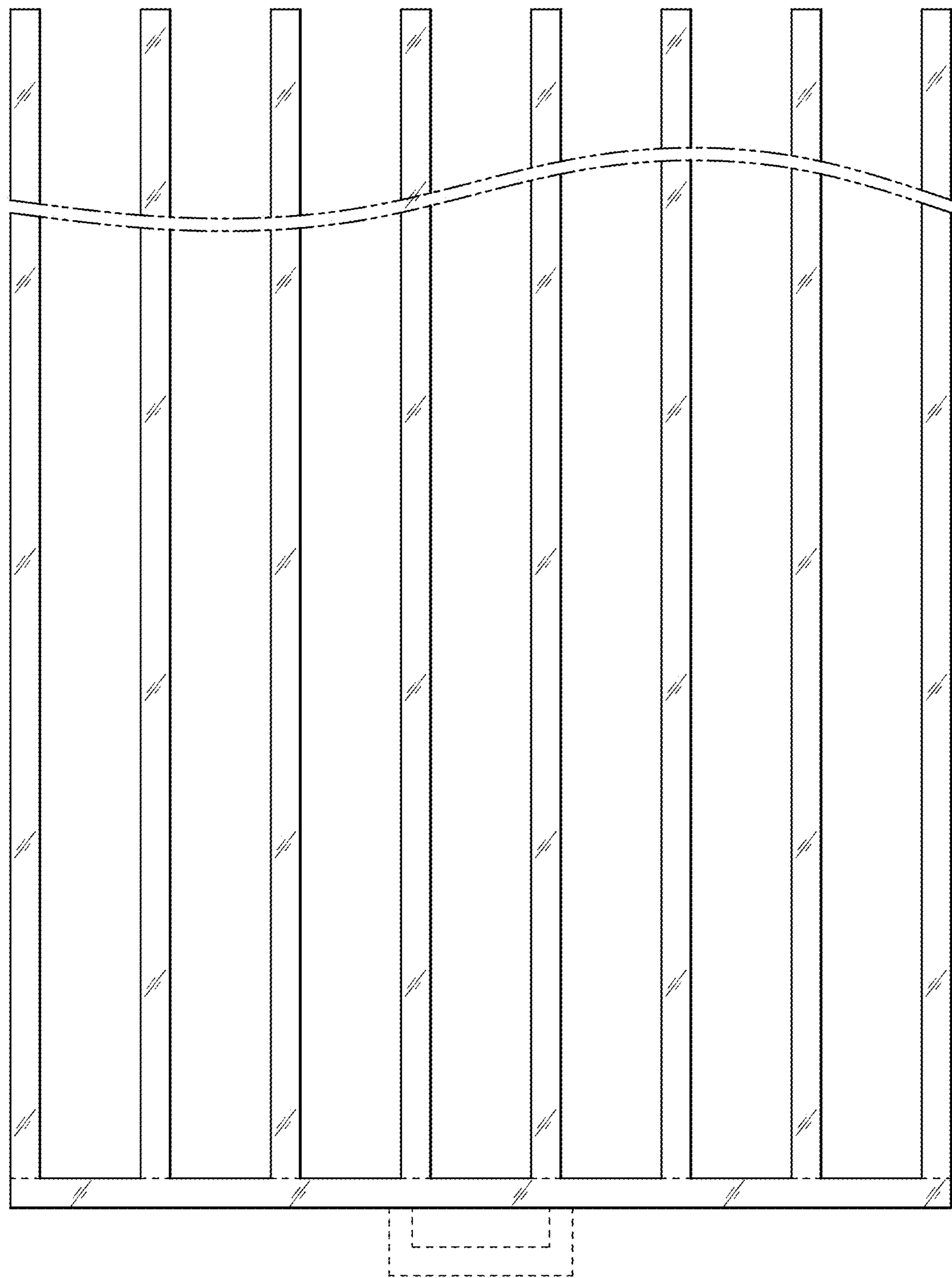


FIG. 65

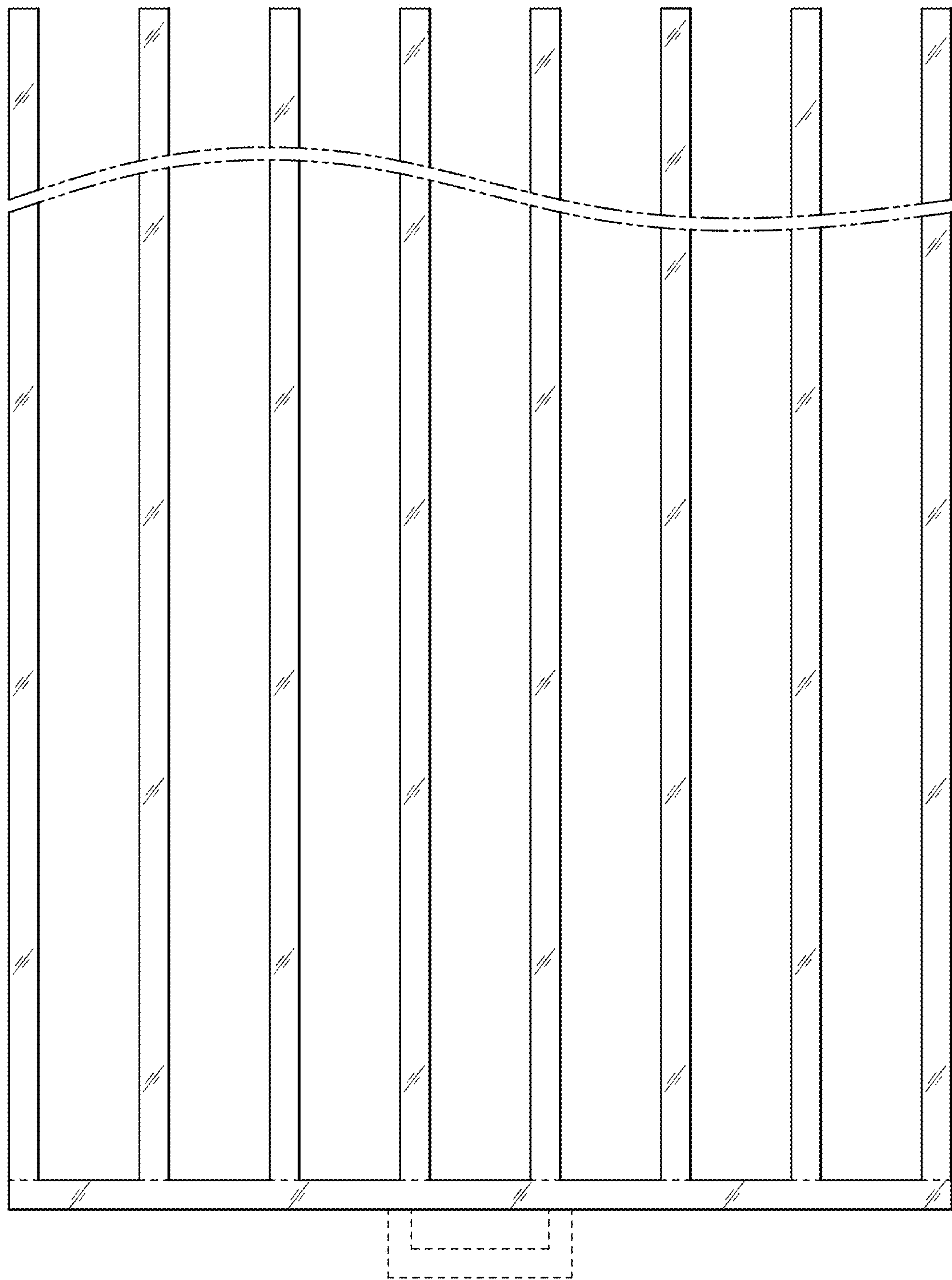


FIG. 66

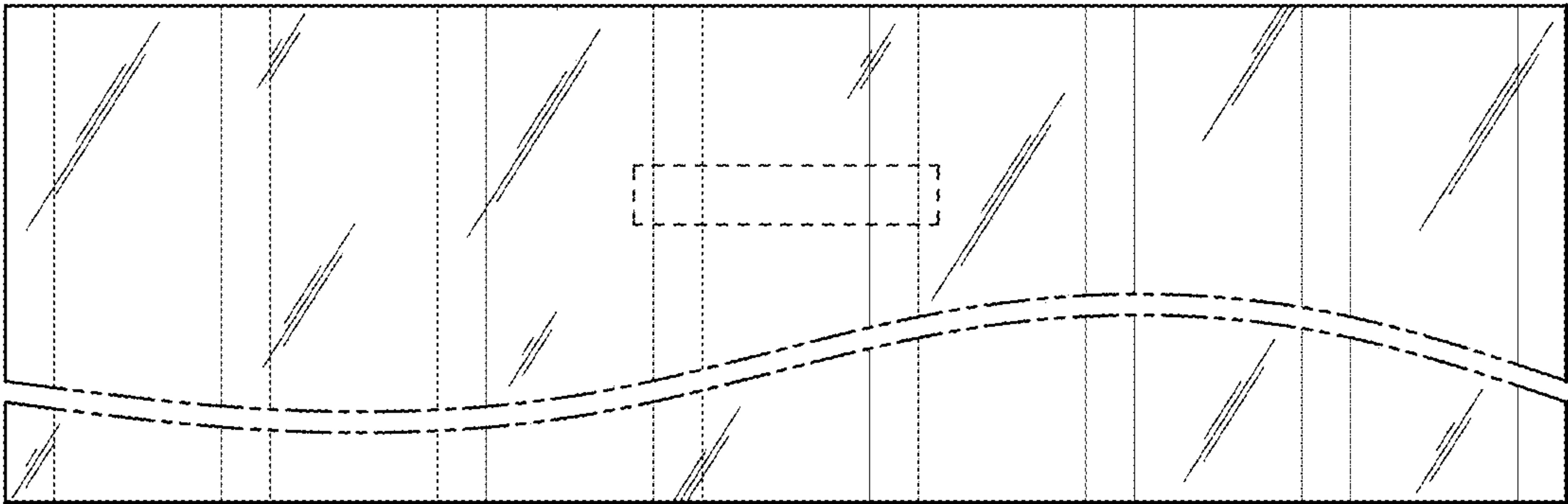


FIG. 67

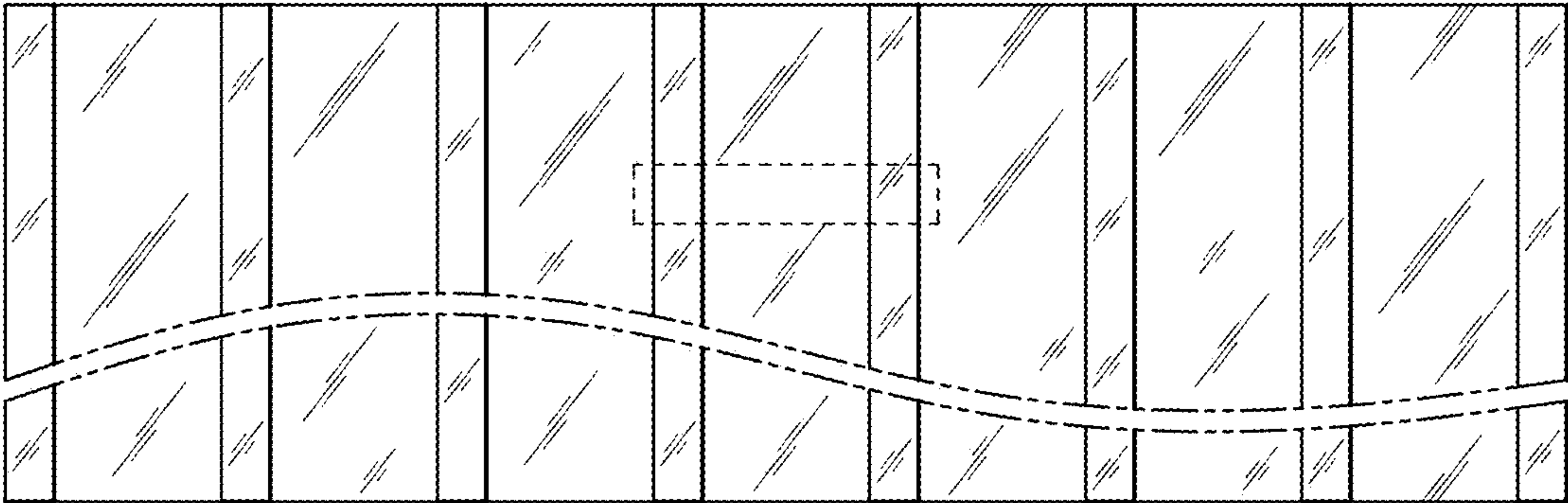


FIG. 68

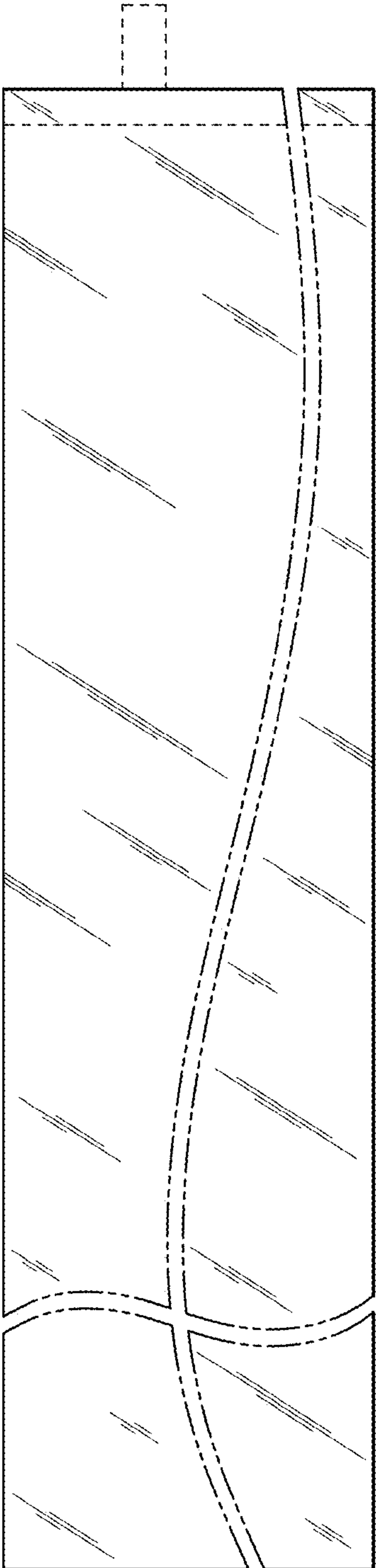


FIG. 69

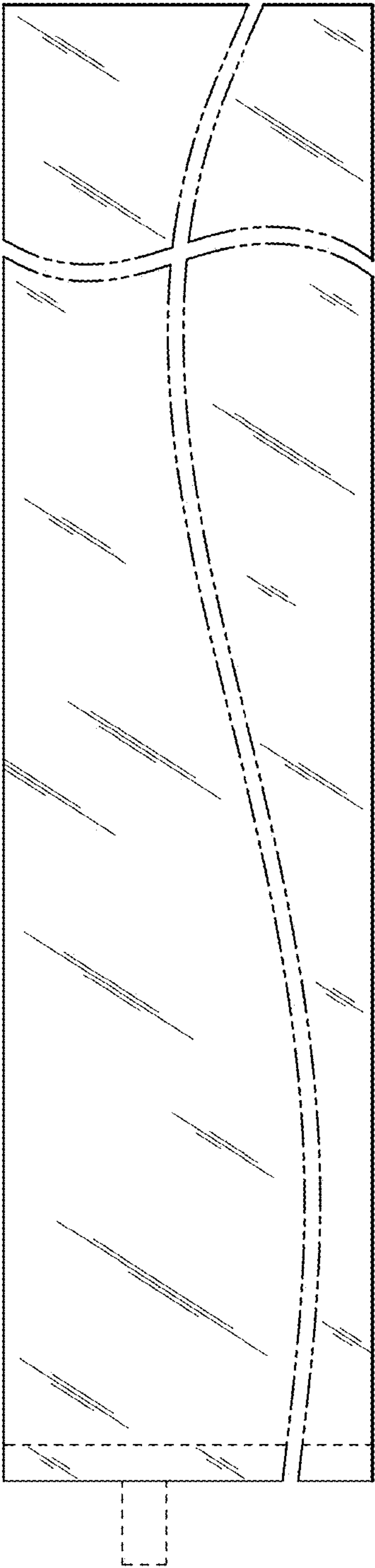


FIG. 70

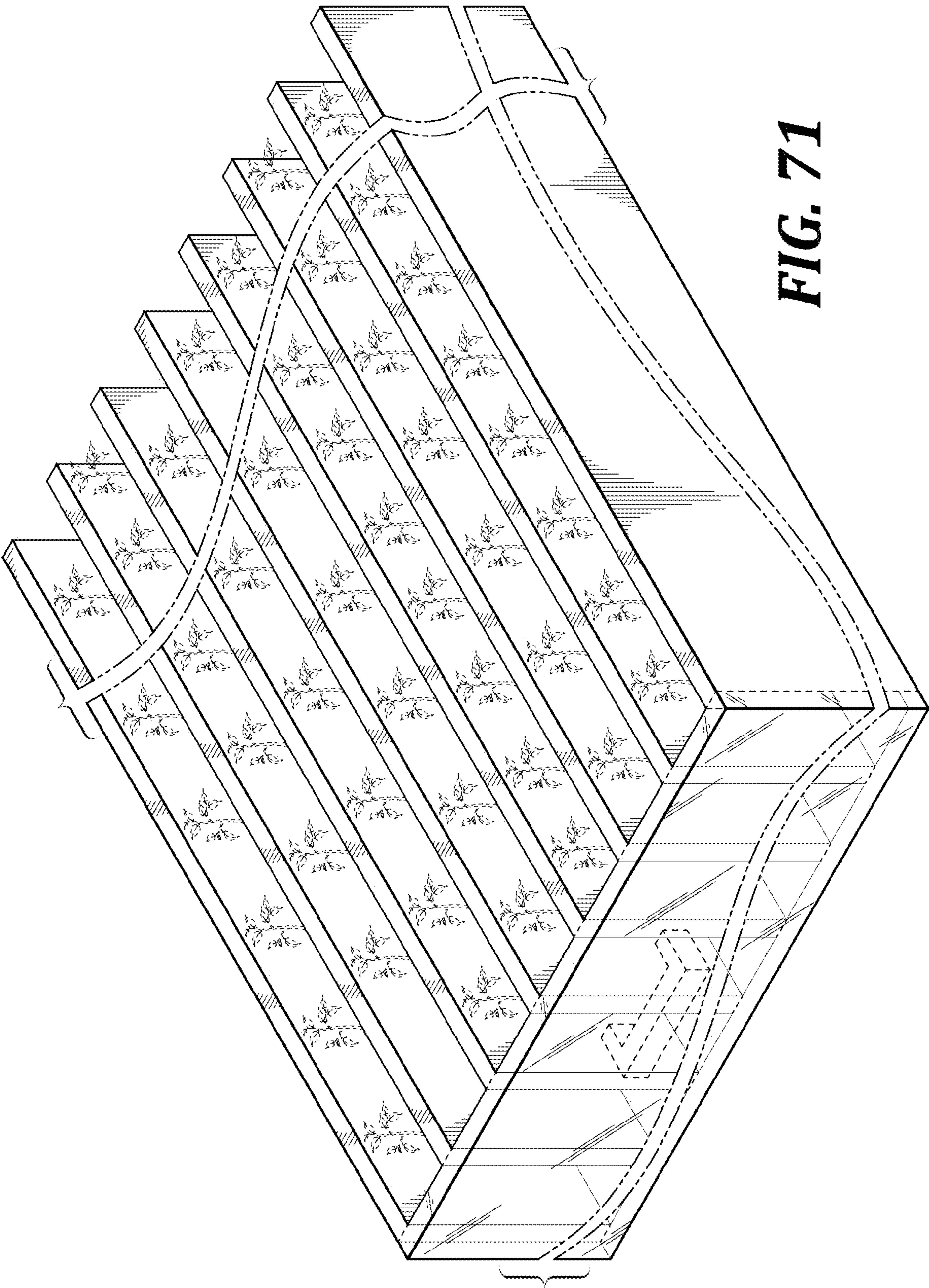


FIG. 71

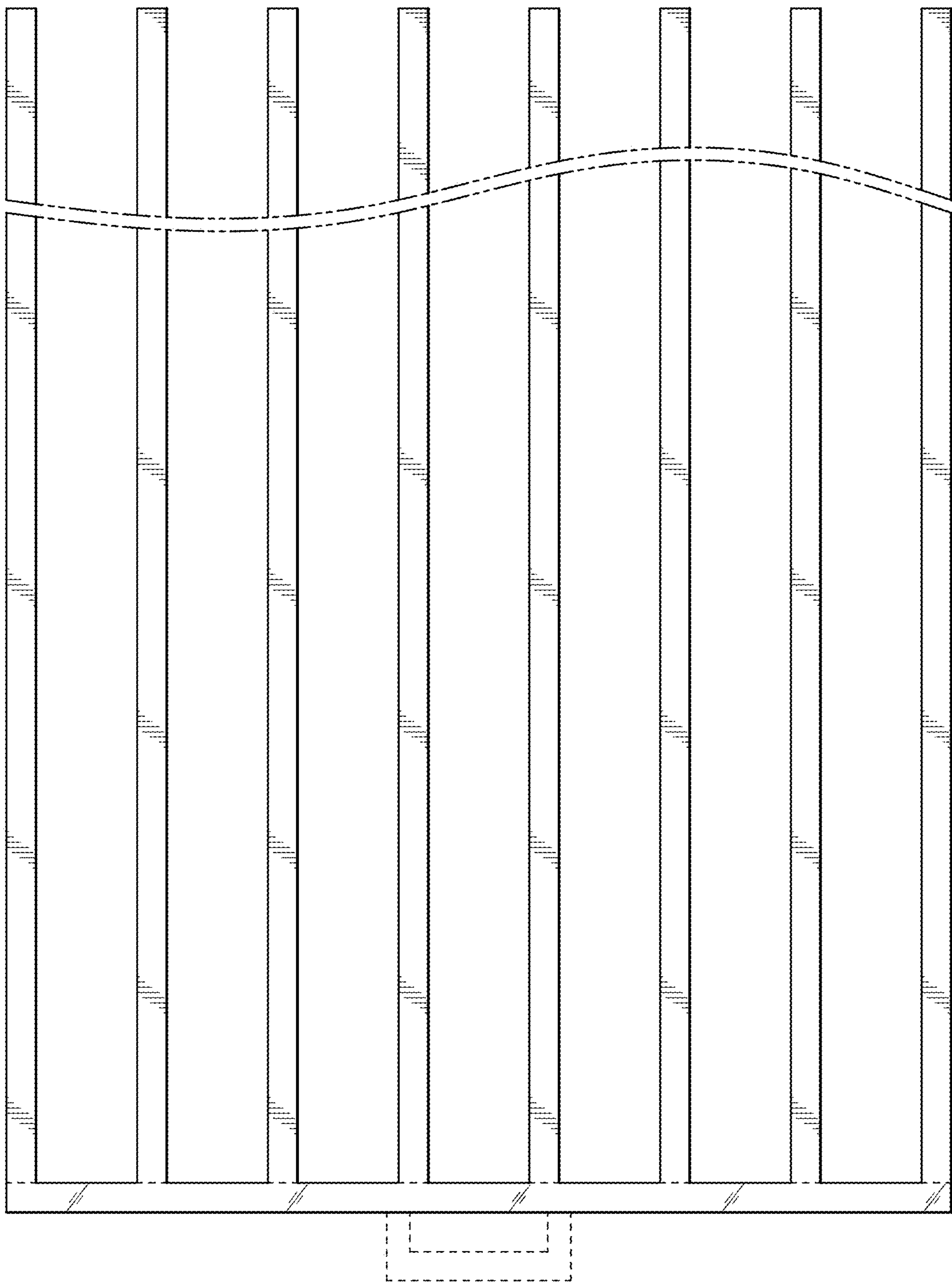


FIG. 72

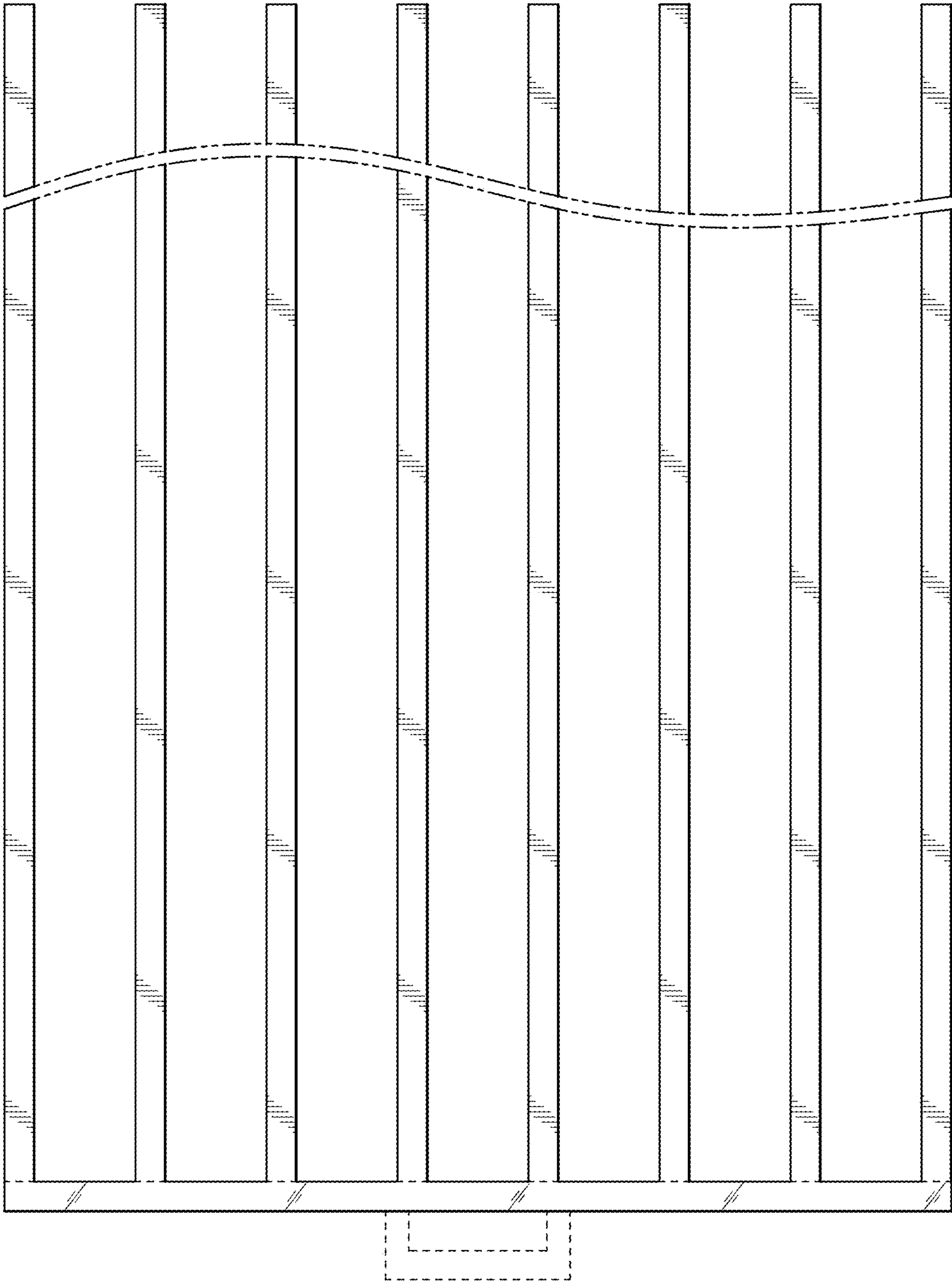


FIG. 73

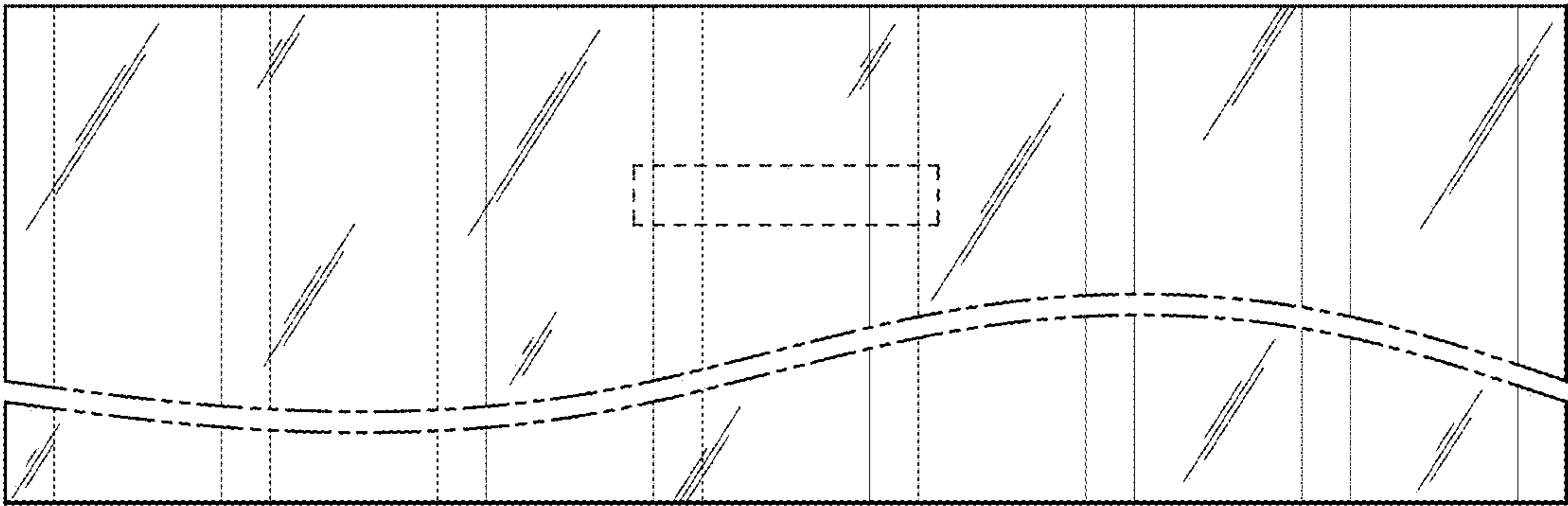


FIG. 74

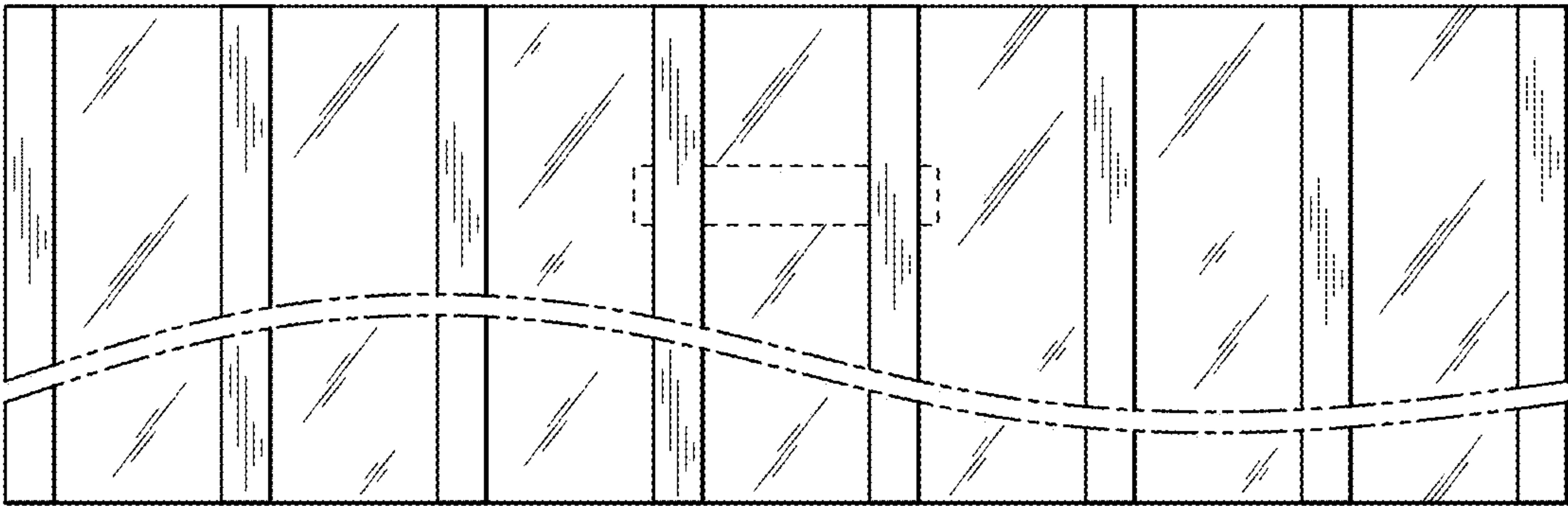


FIG. 75

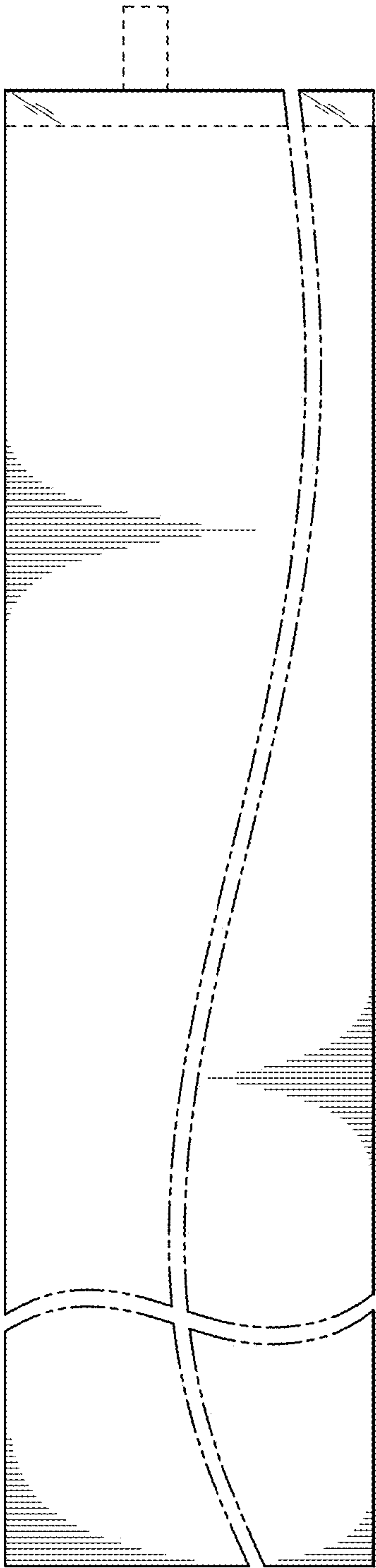


FIG. 76

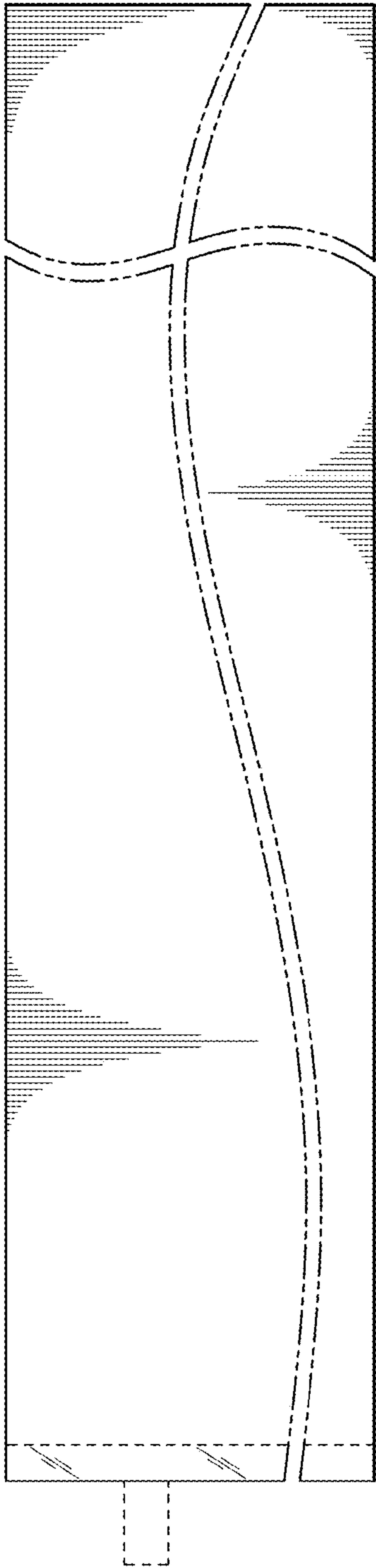


FIG. 77

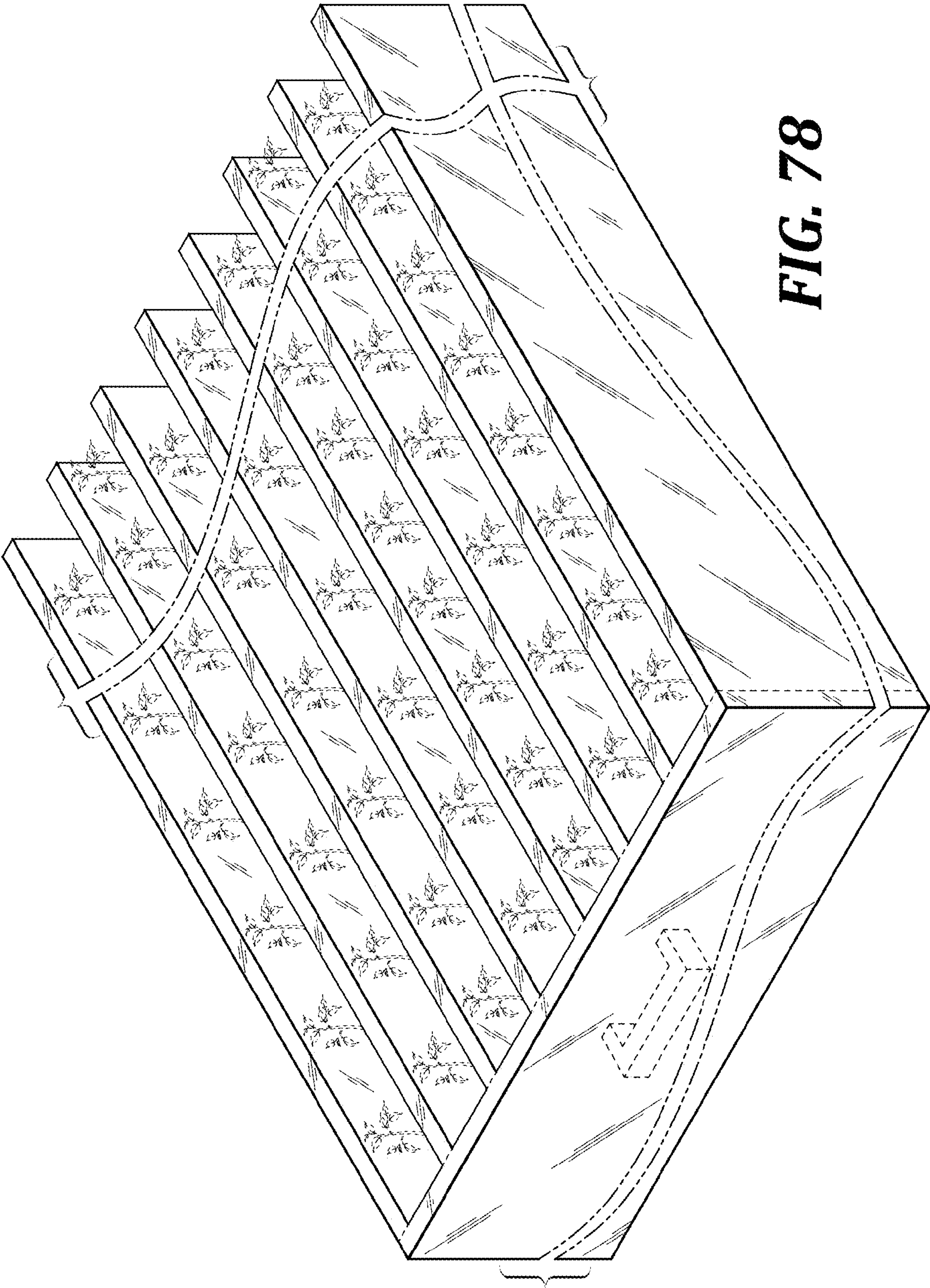


FIG. 78

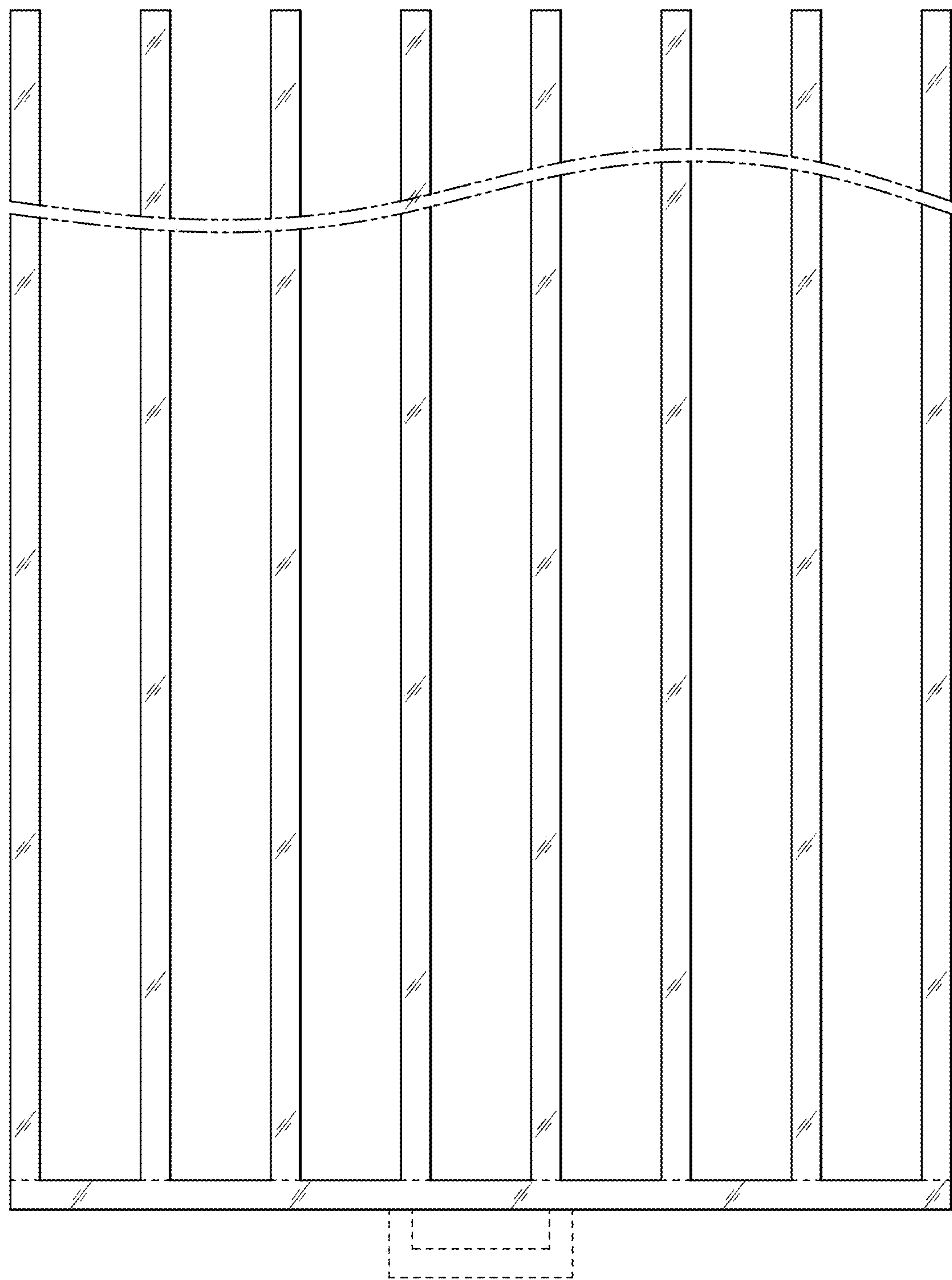


FIG. 79

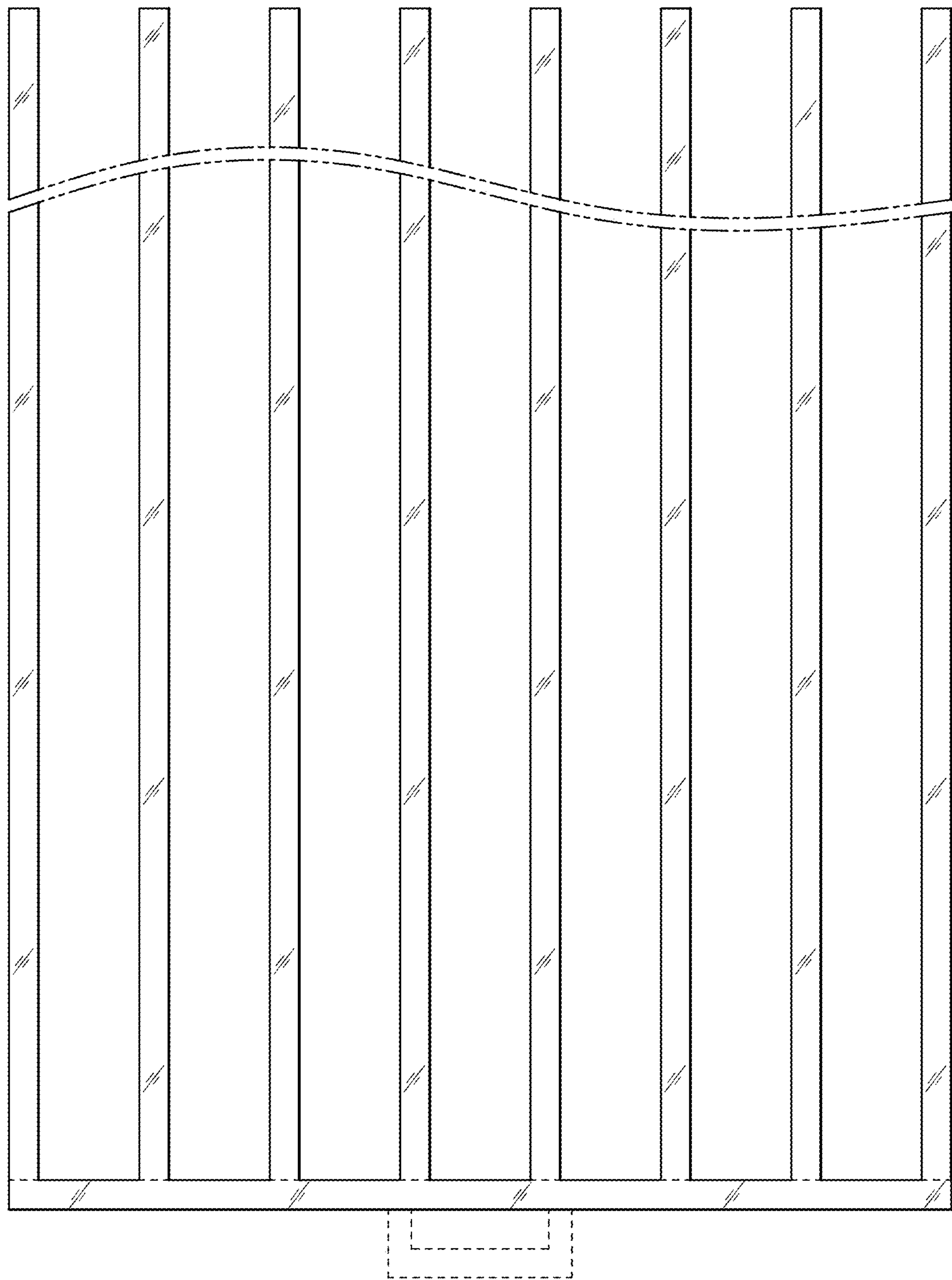


FIG. 80

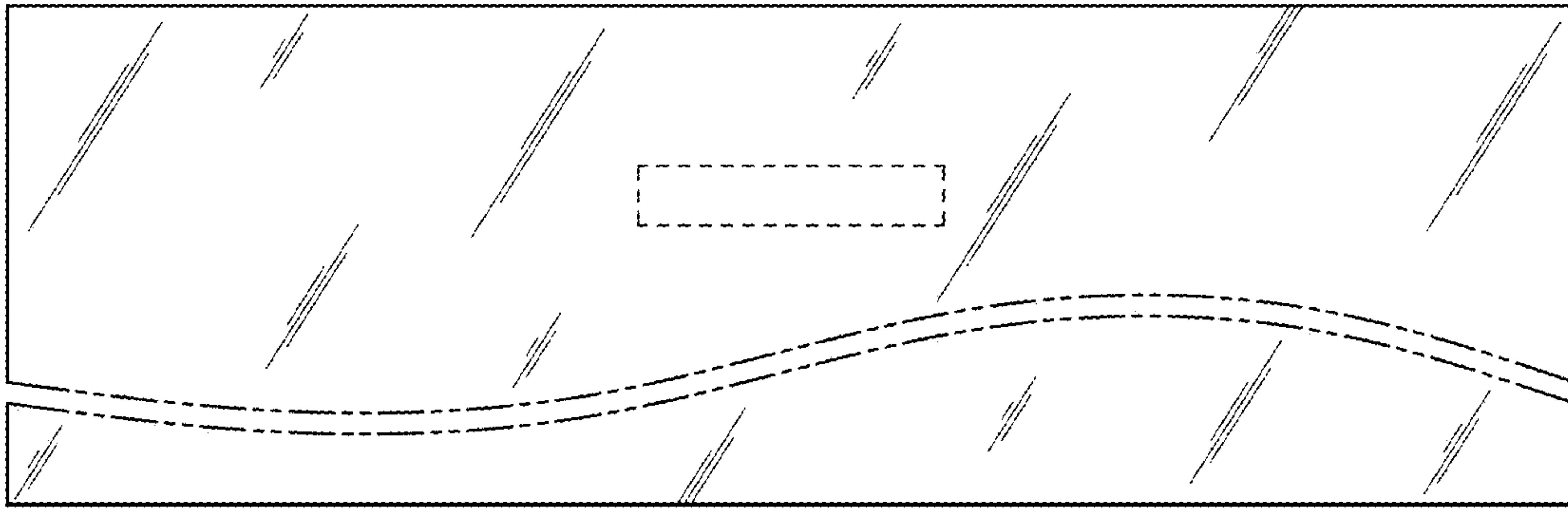


FIG. 81

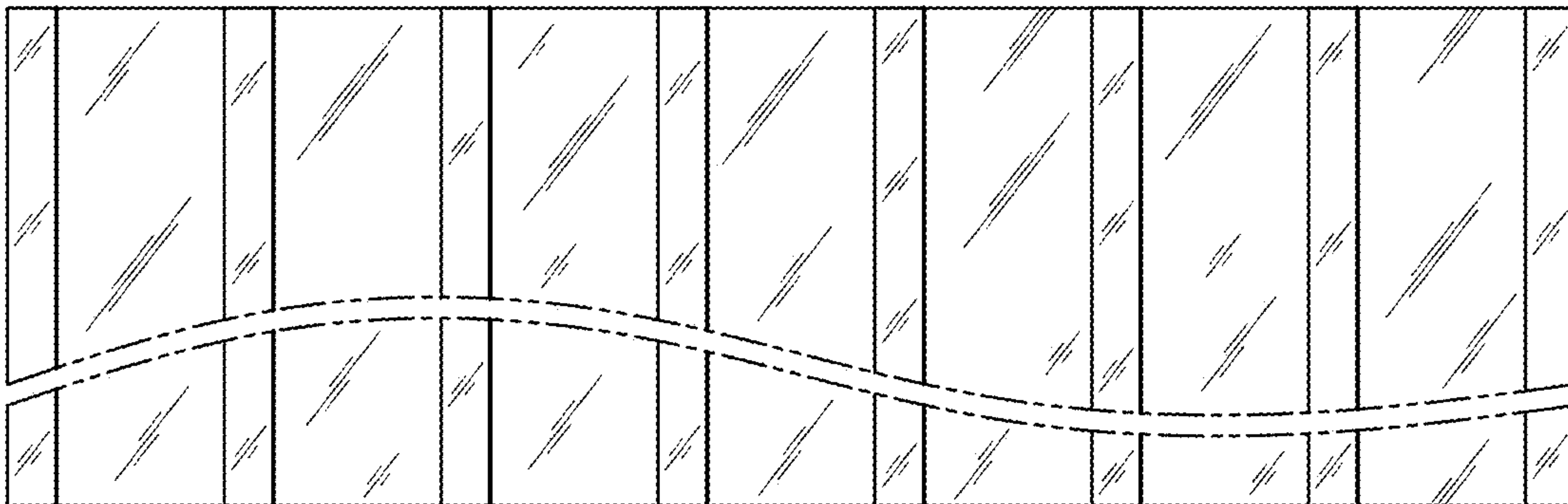


FIG. 82

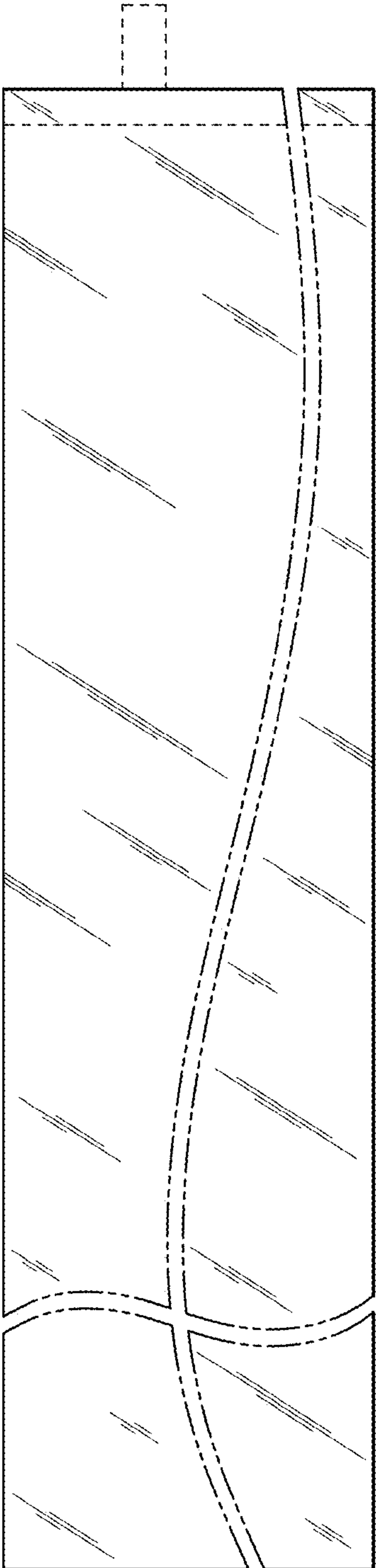


FIG. 83

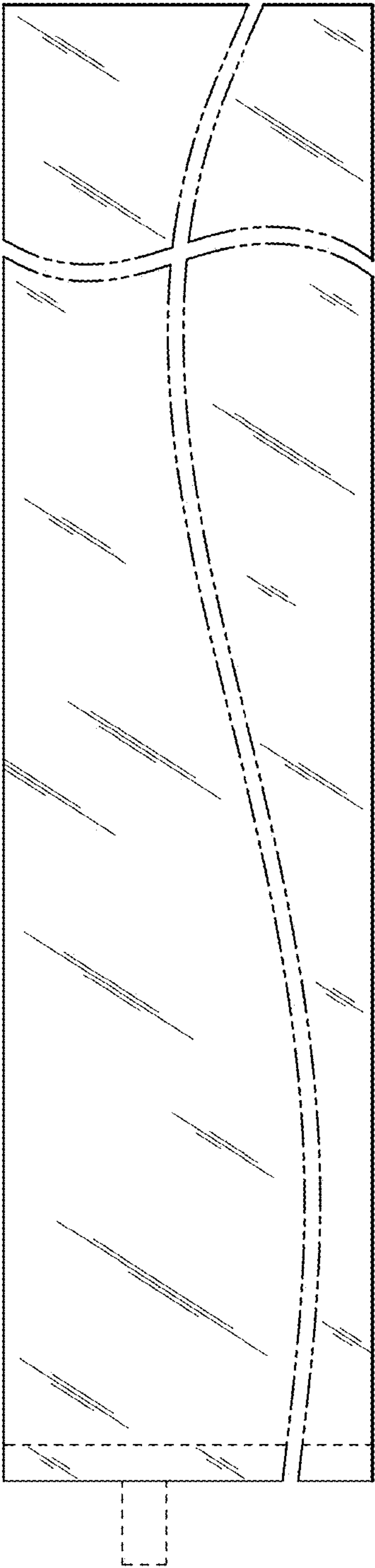


FIG. 84

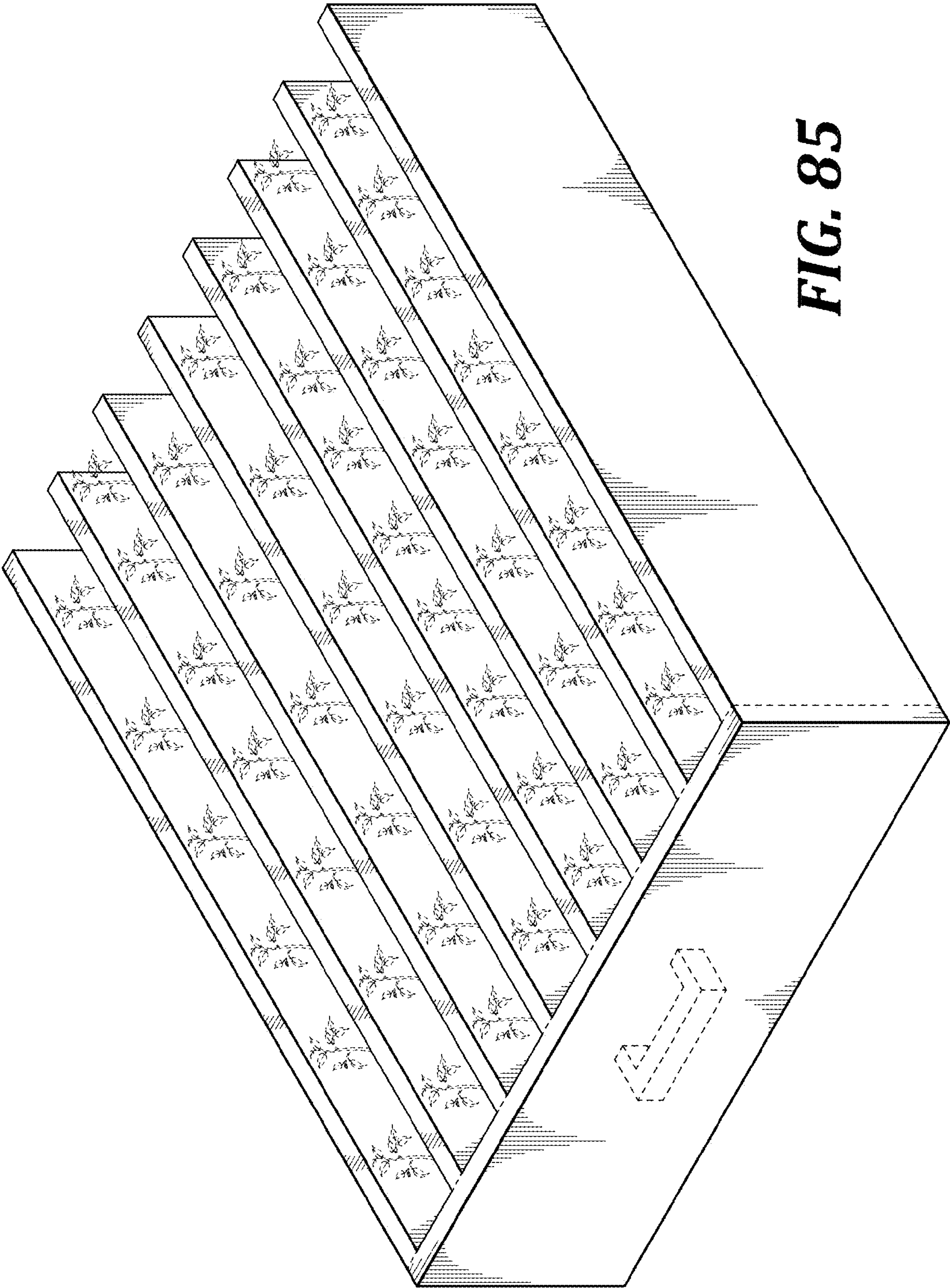


FIG. 85

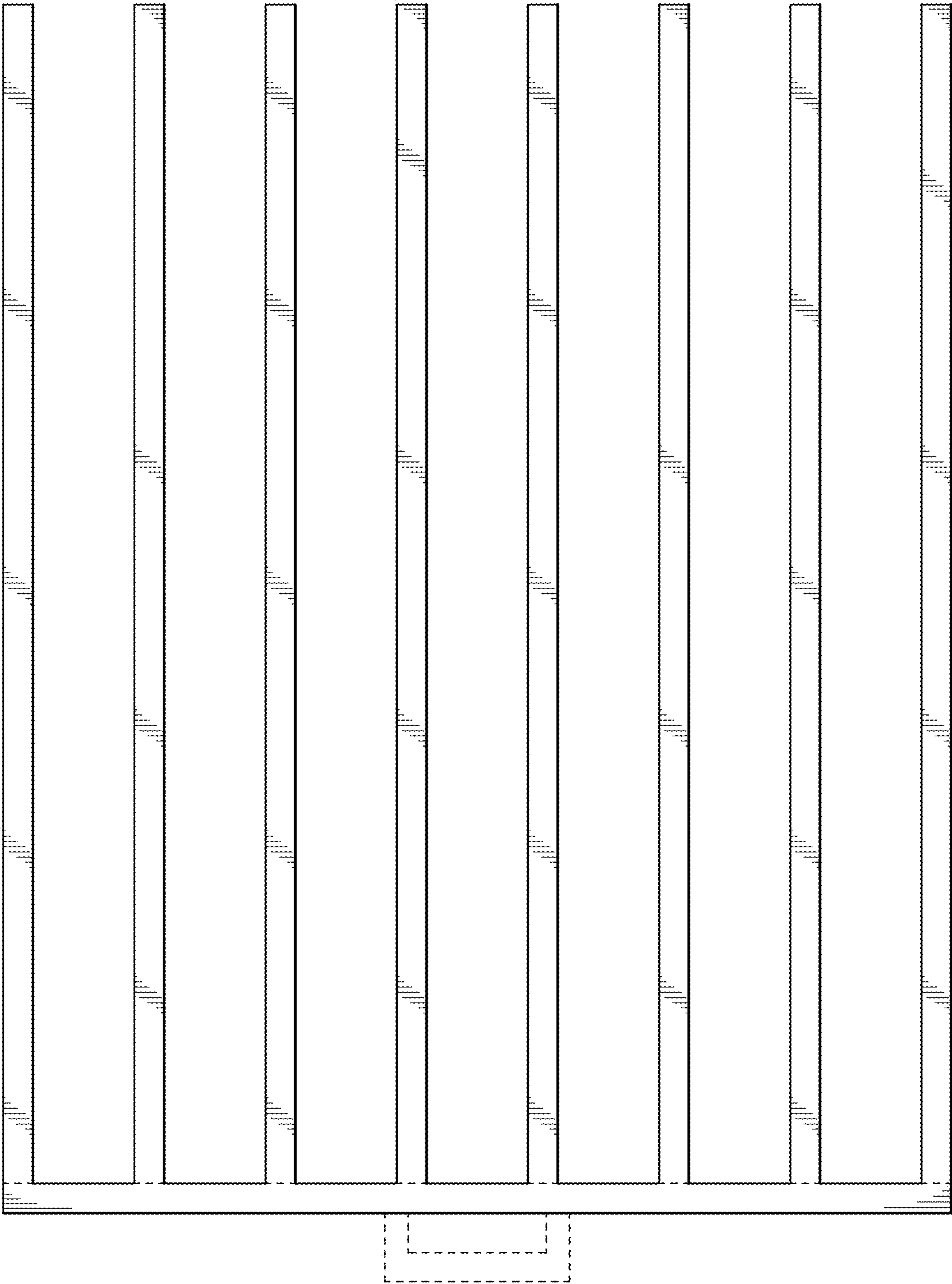


FIG. 86

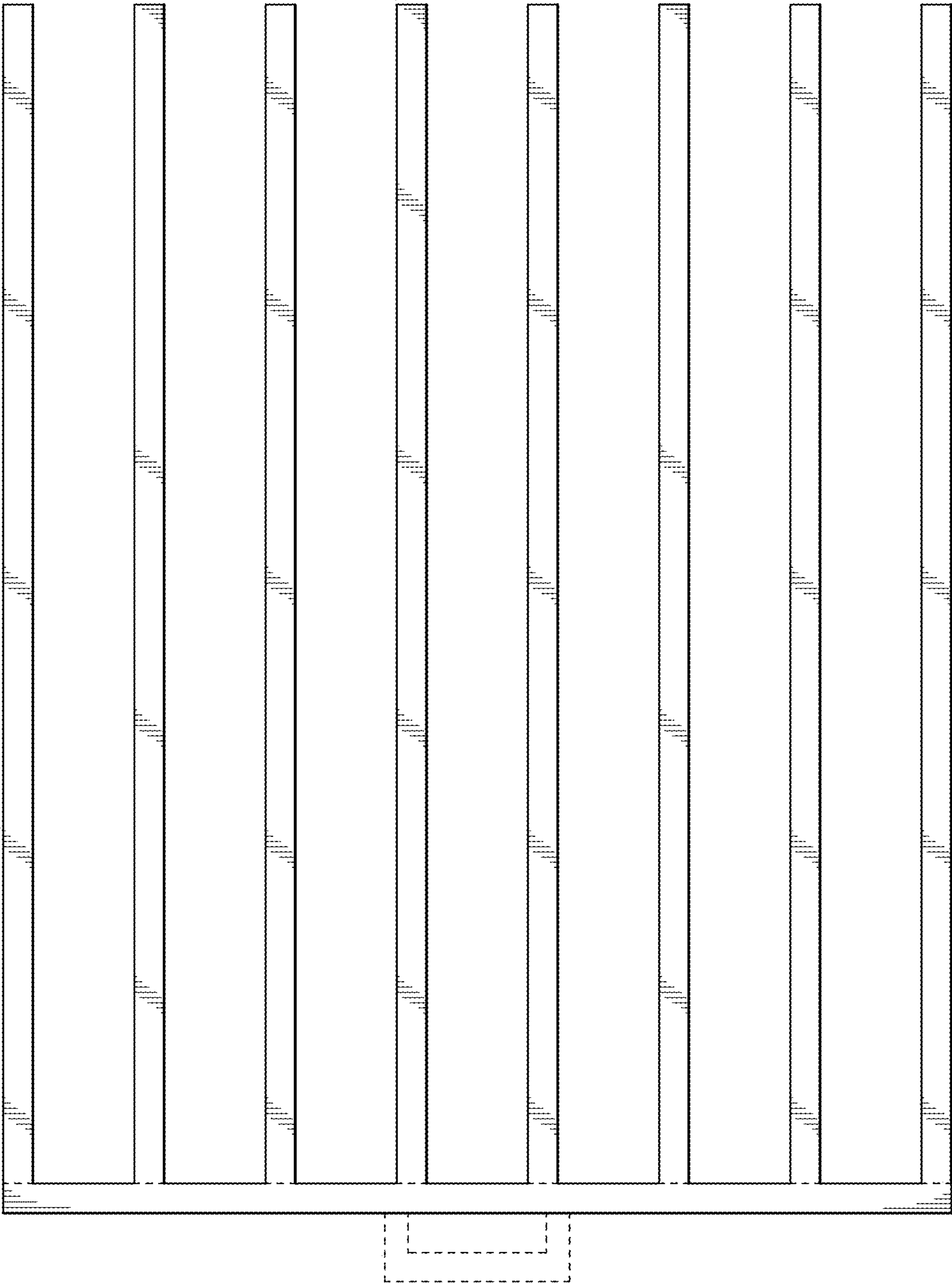


FIG. 87

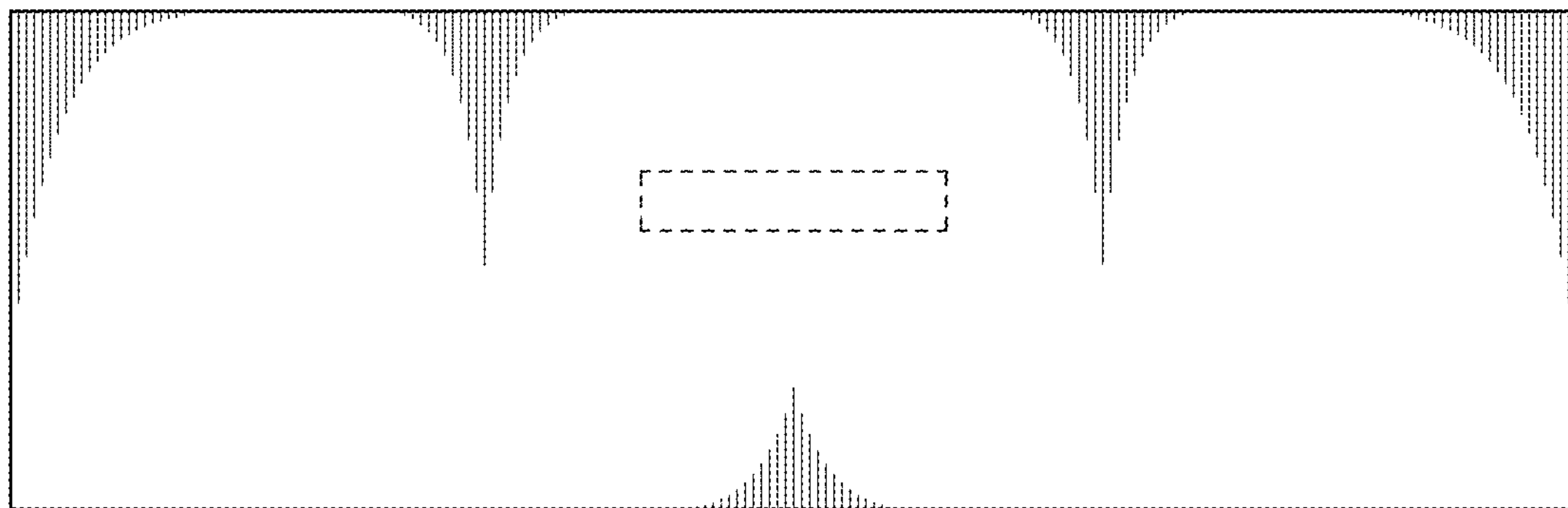


FIG. 88

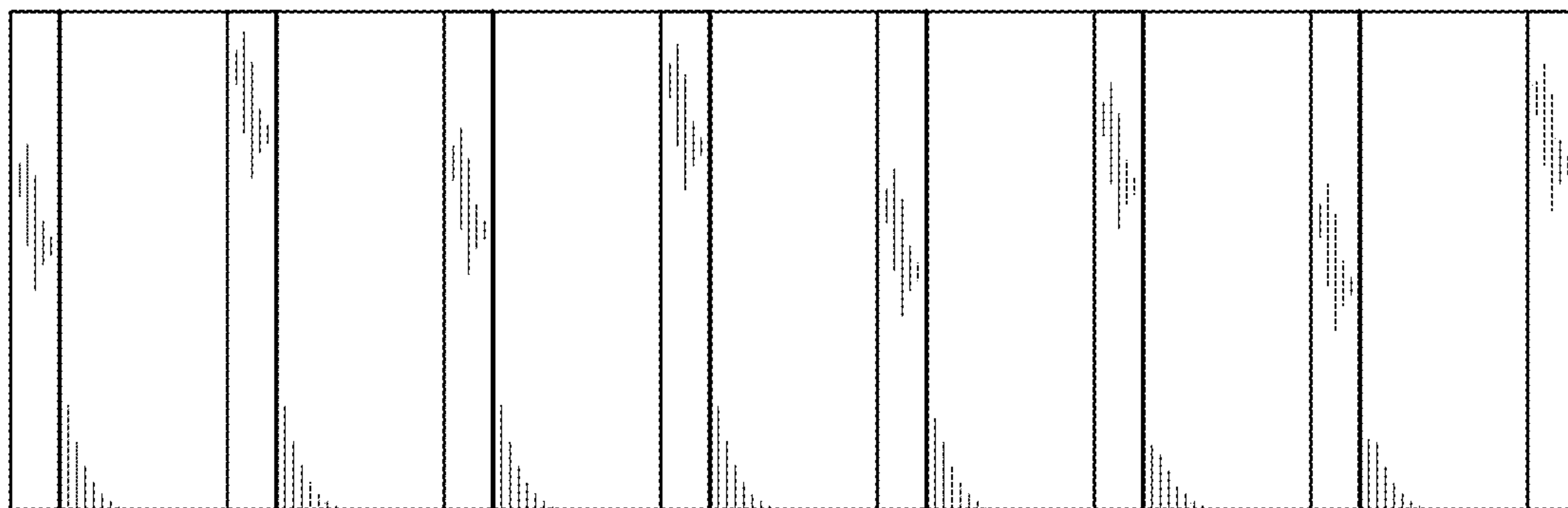


FIG. 89

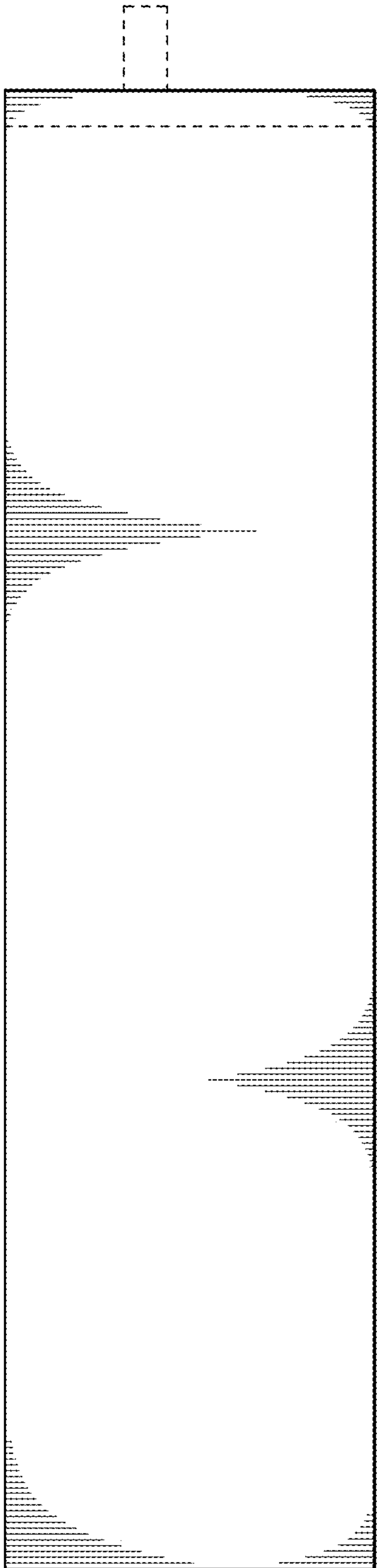


FIG. 90

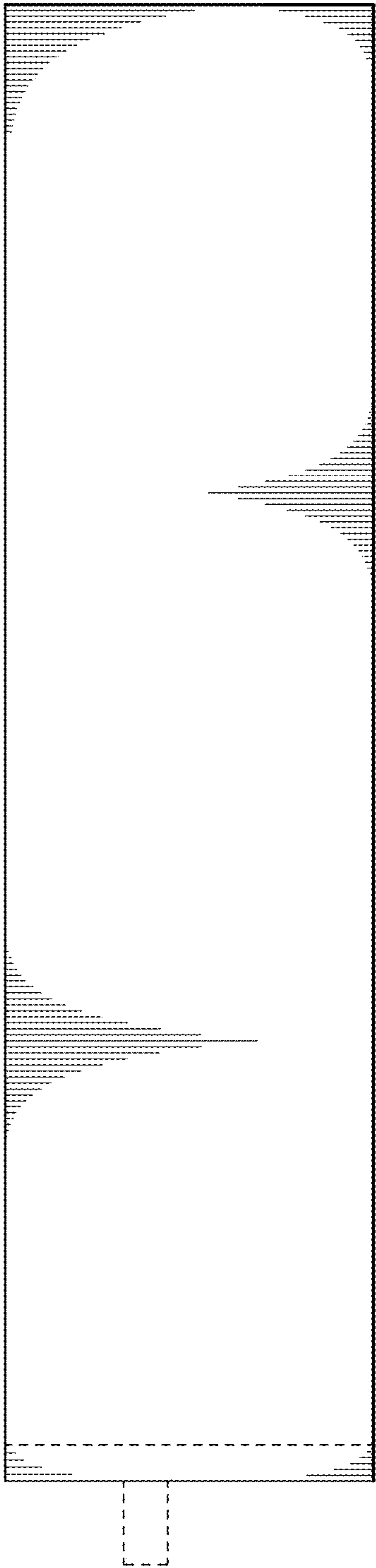


FIG. 91

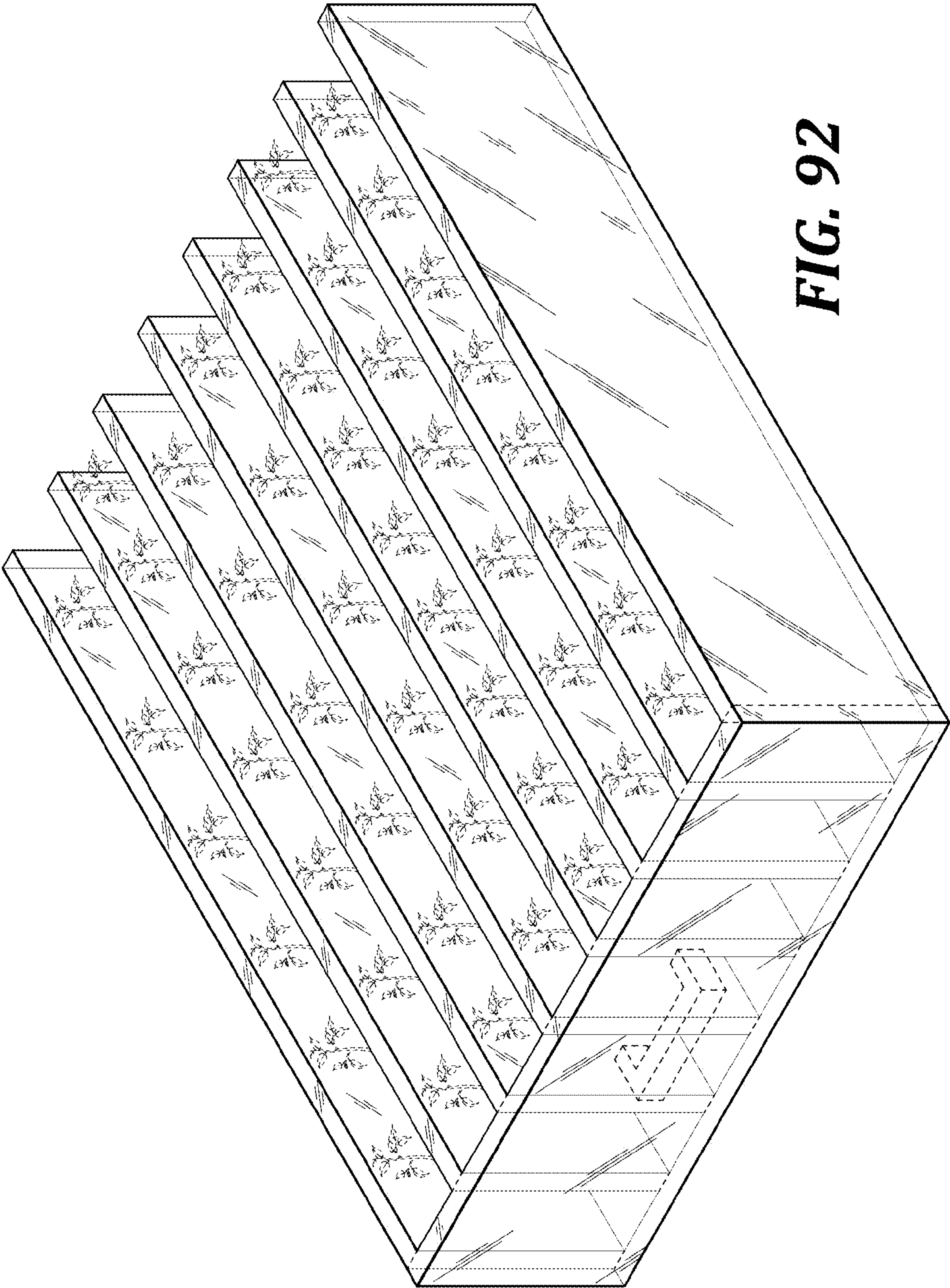


FIG. 92

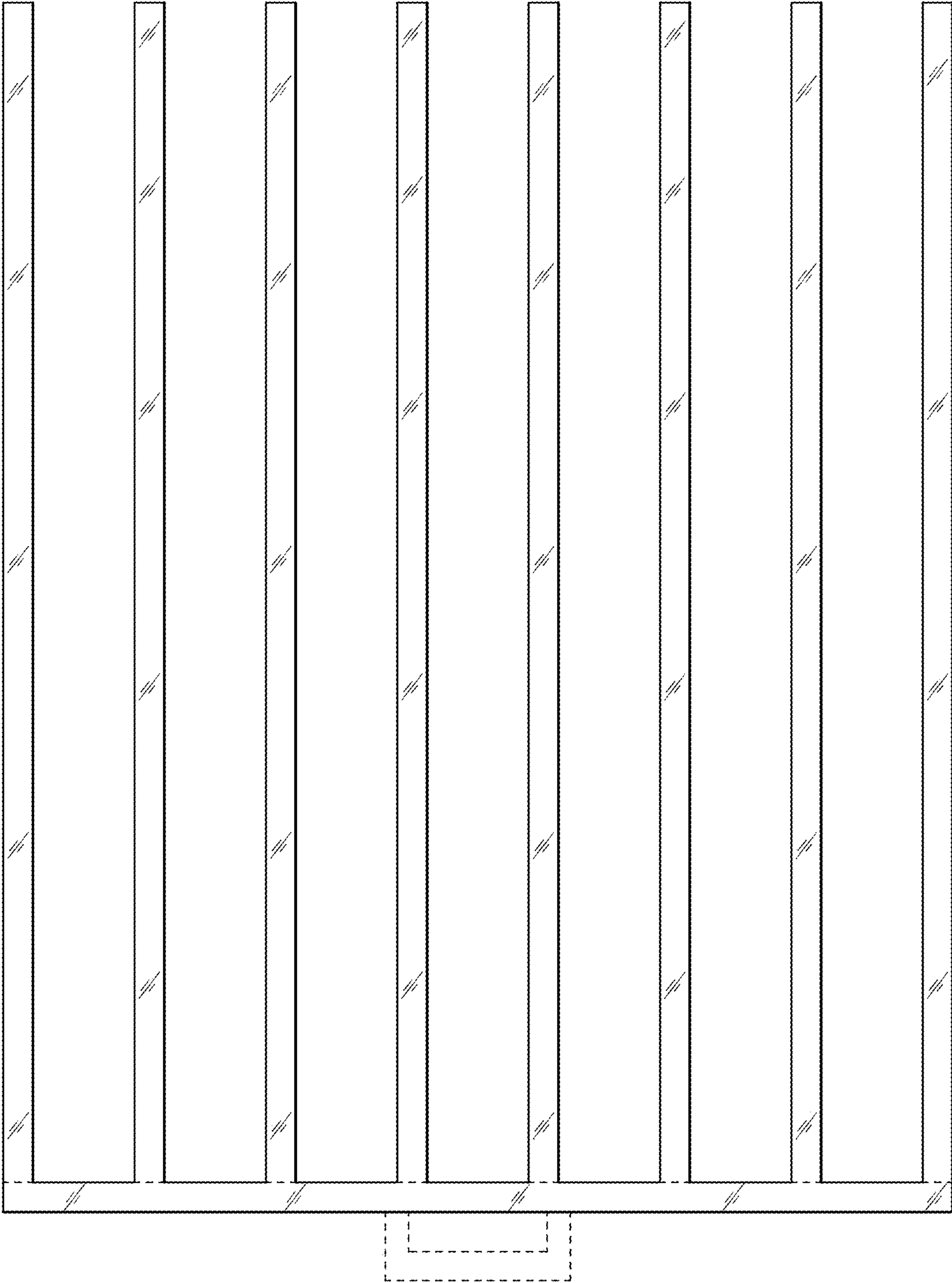


FIG. 93

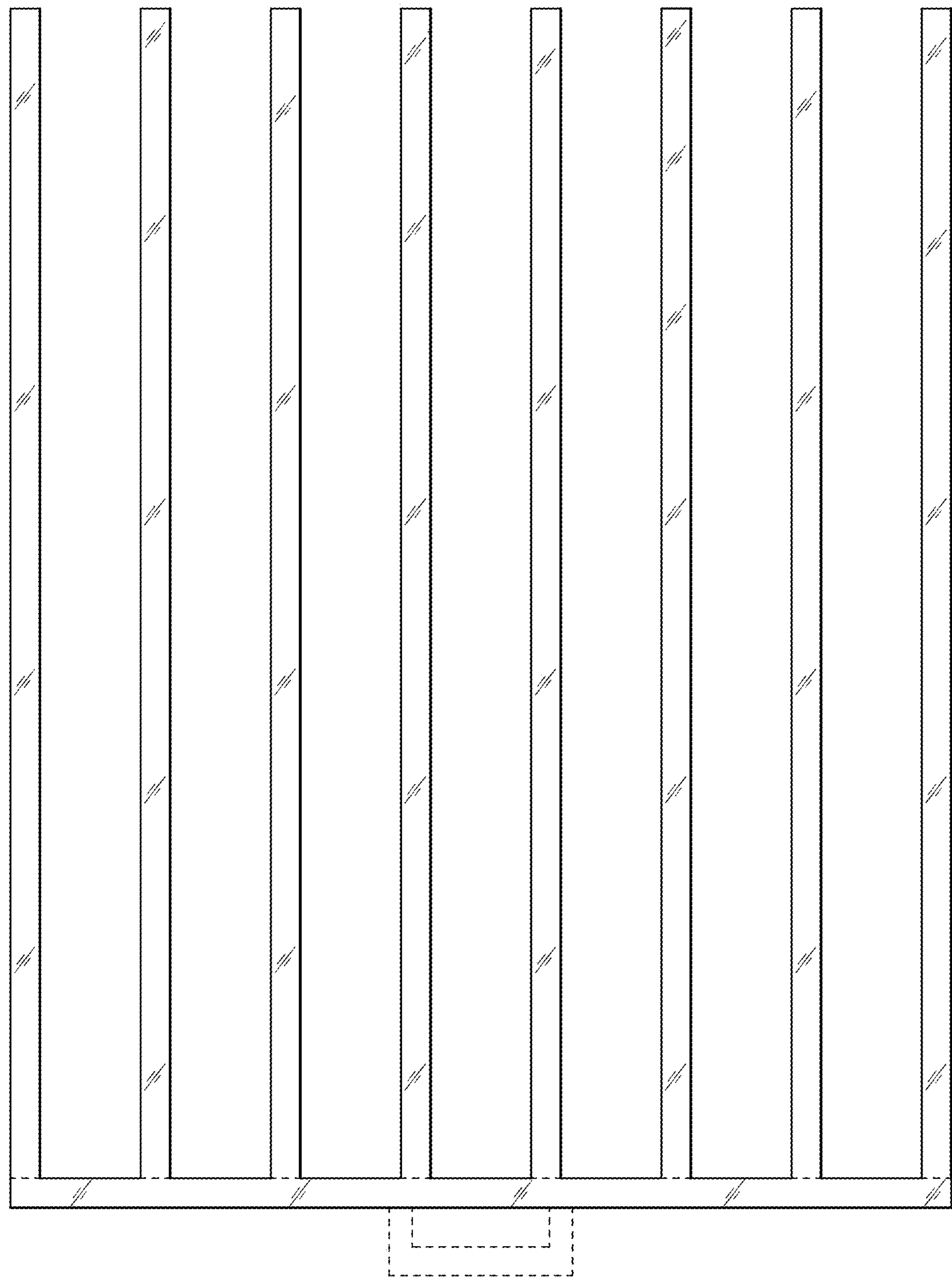


FIG. 94

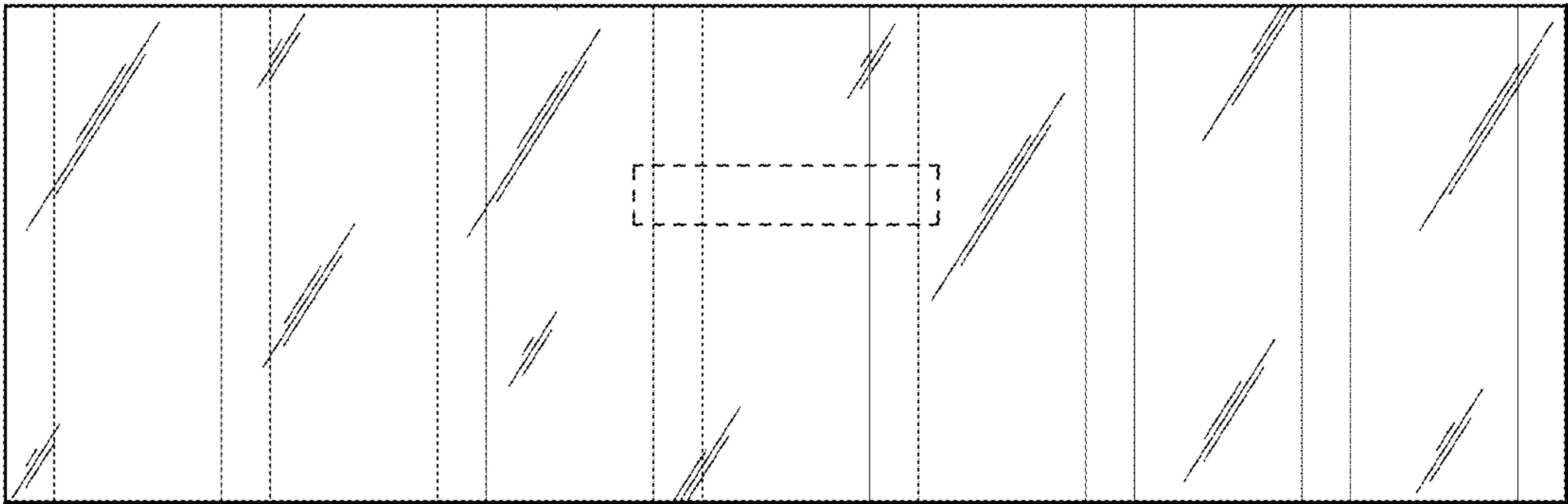


FIG. 95

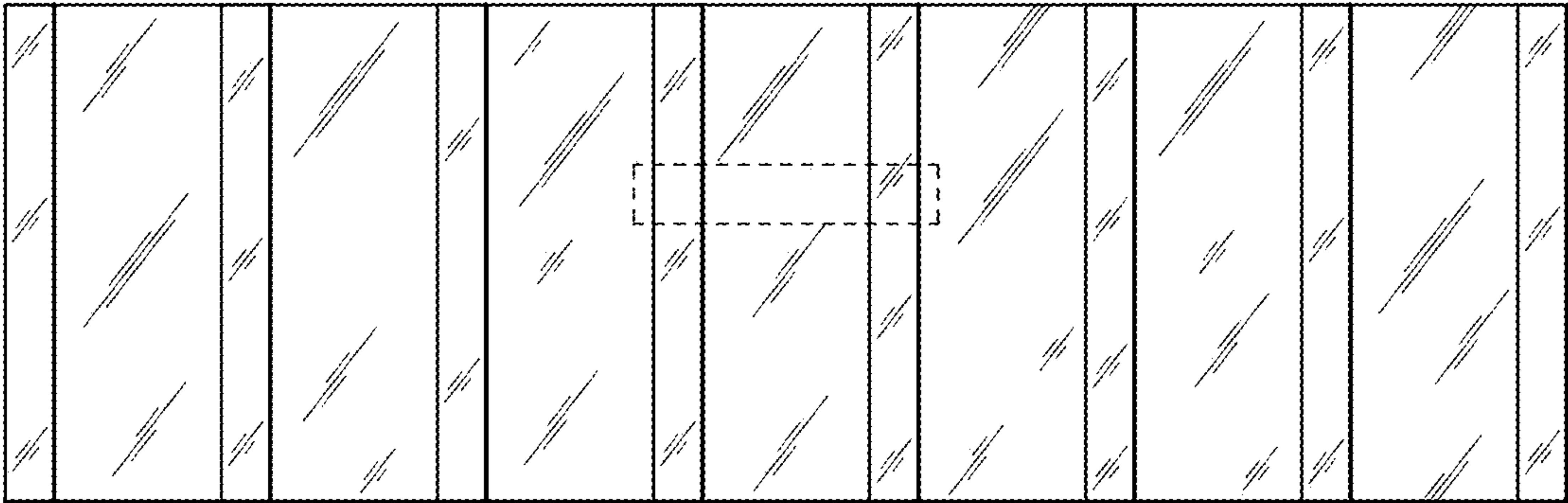


FIG. 96

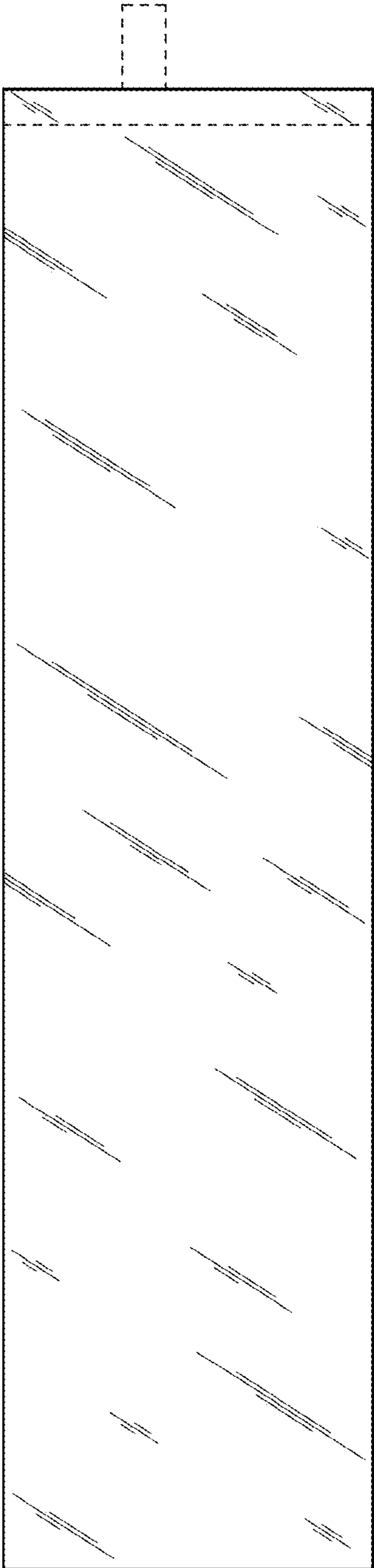


FIG. 97

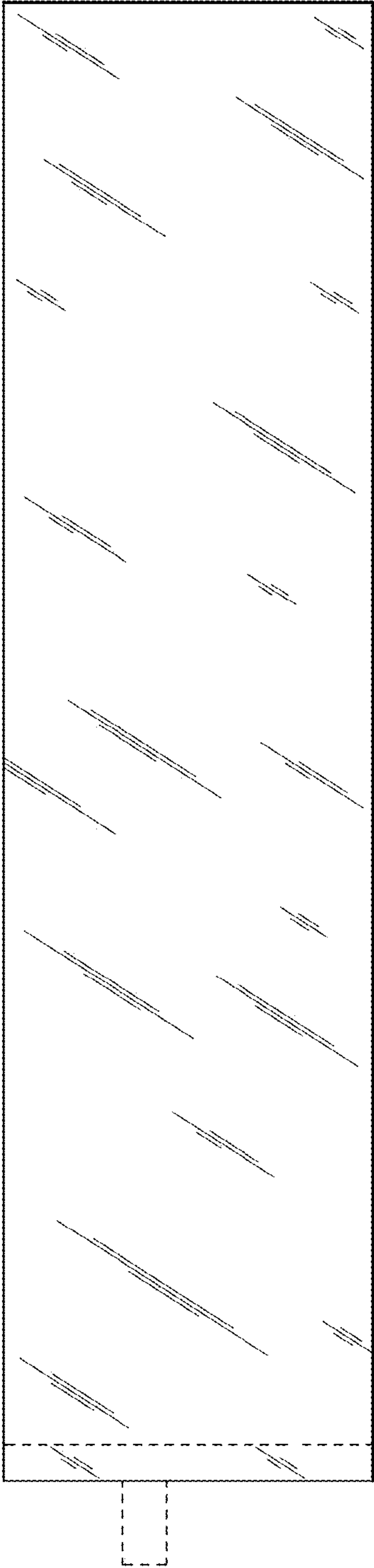


FIG. 98

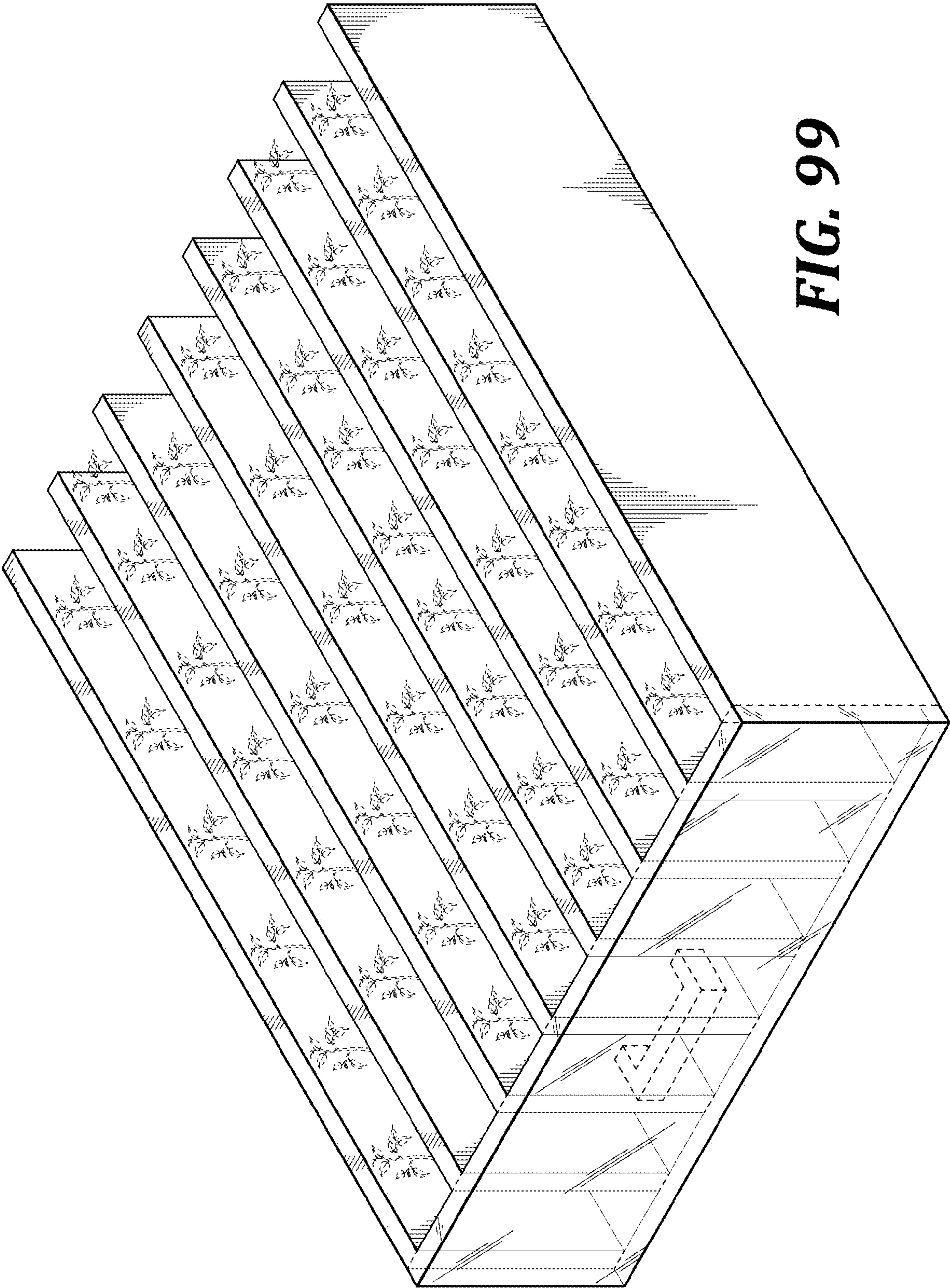


FIG. 99

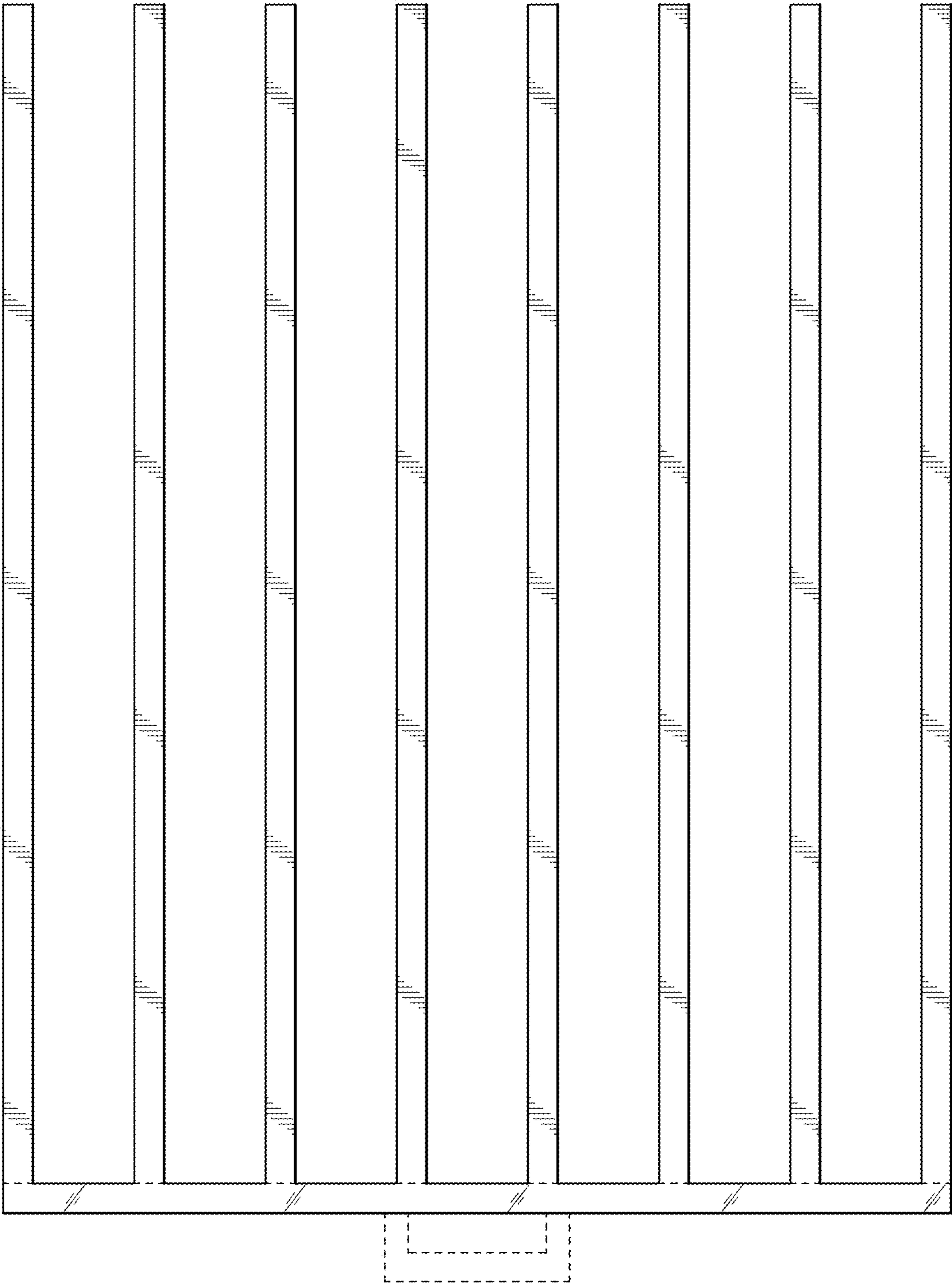


FIG. 100

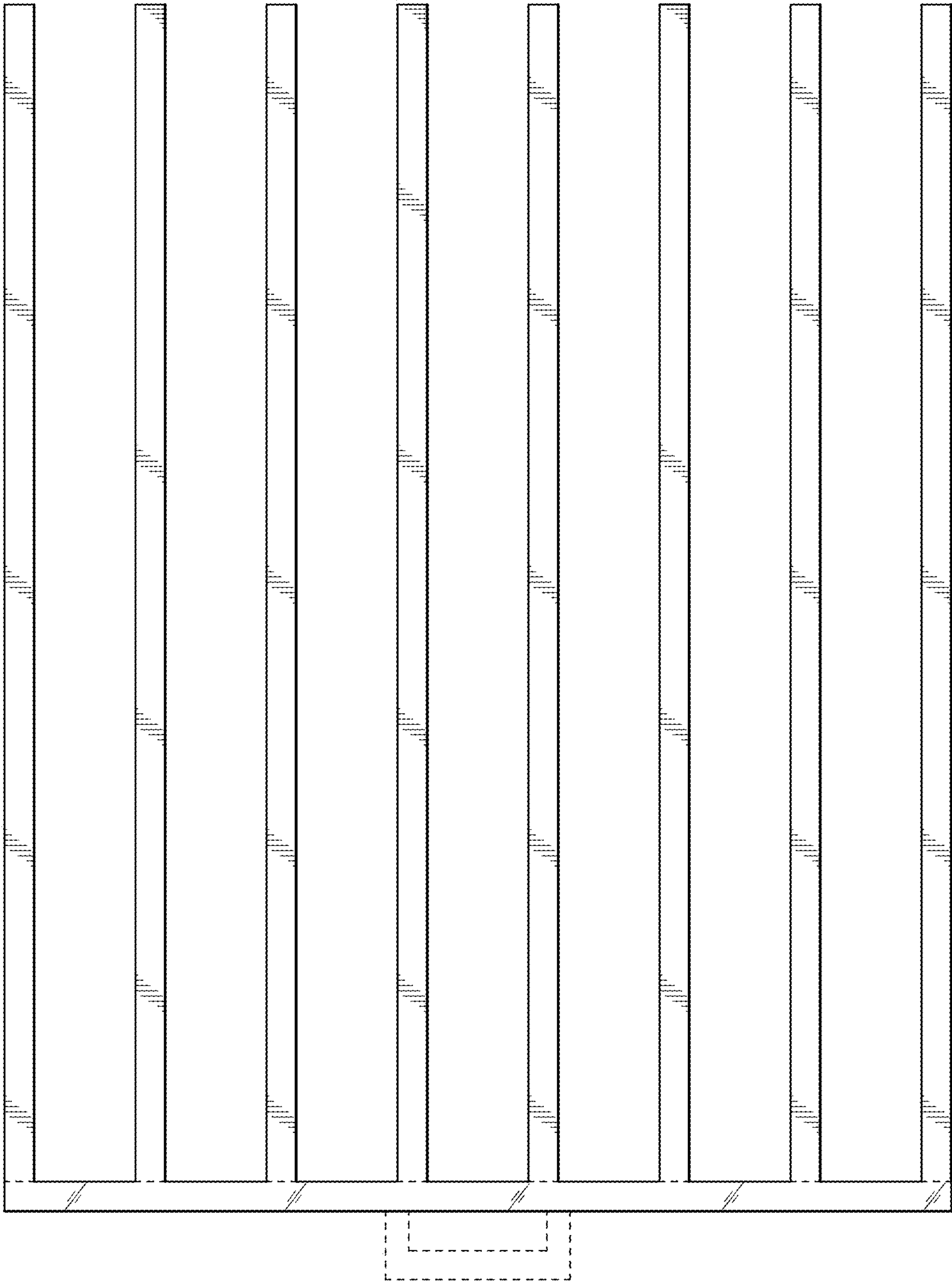


FIG. 101

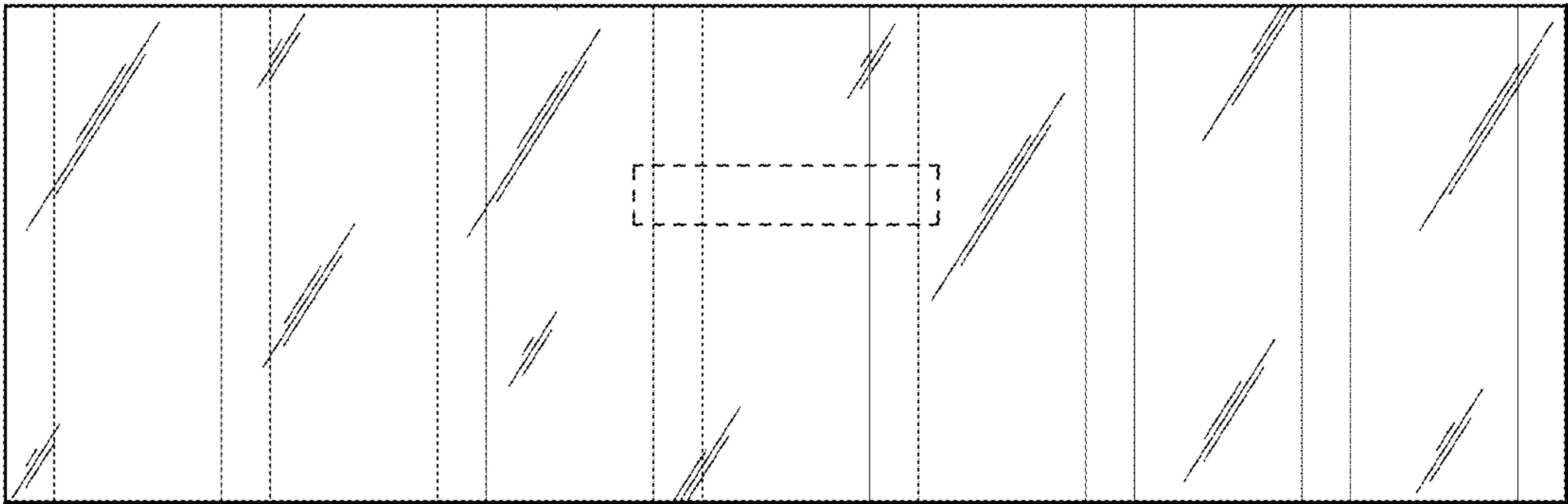


FIG. 102

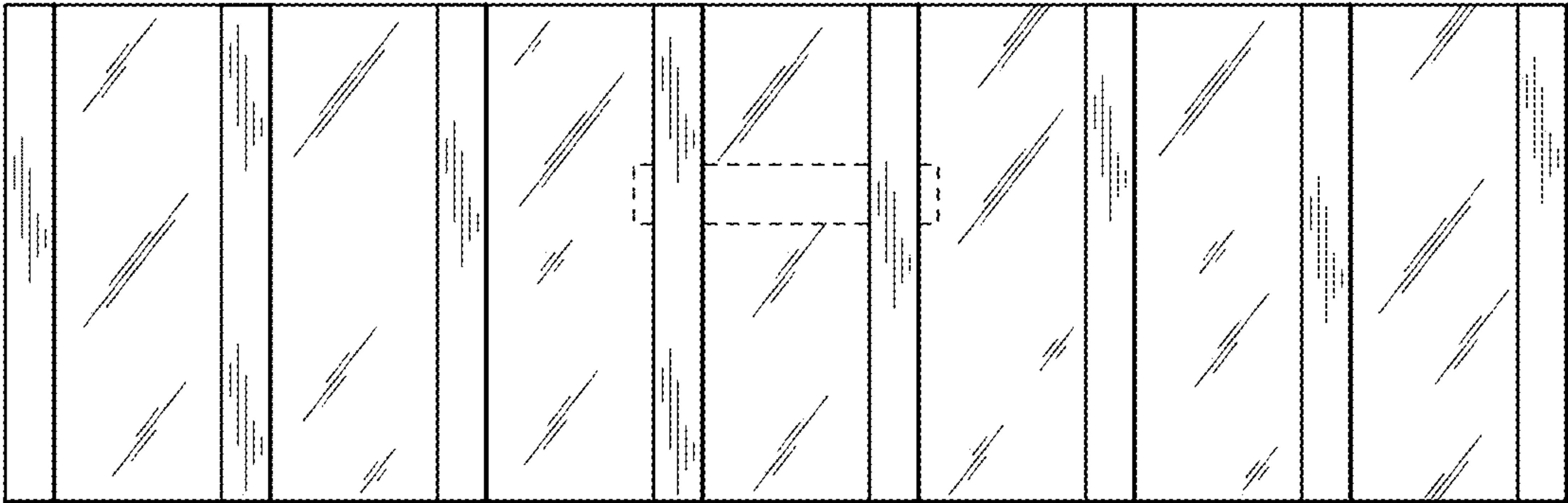


FIG. 103

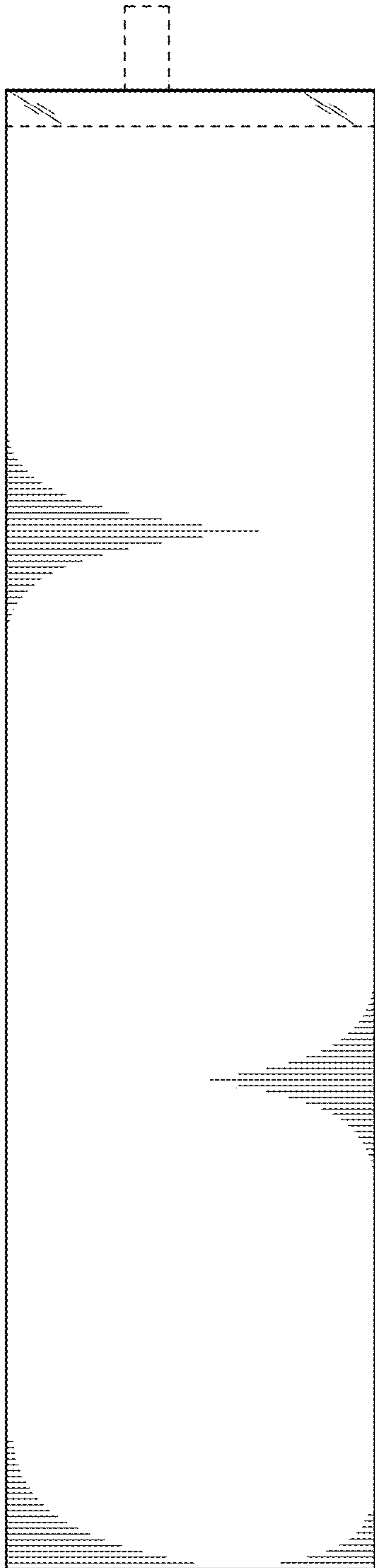


FIG. 104

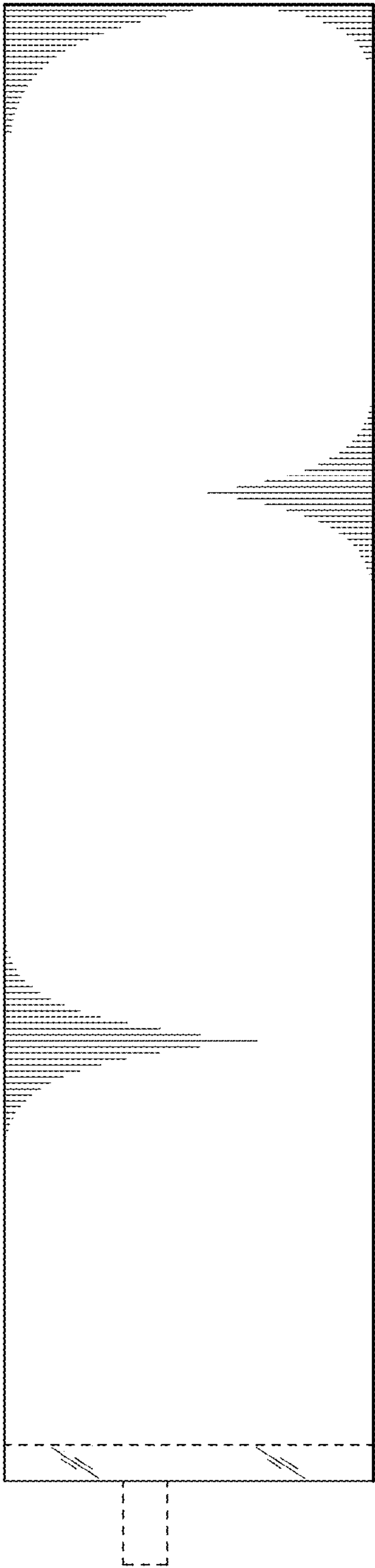


FIG. 105

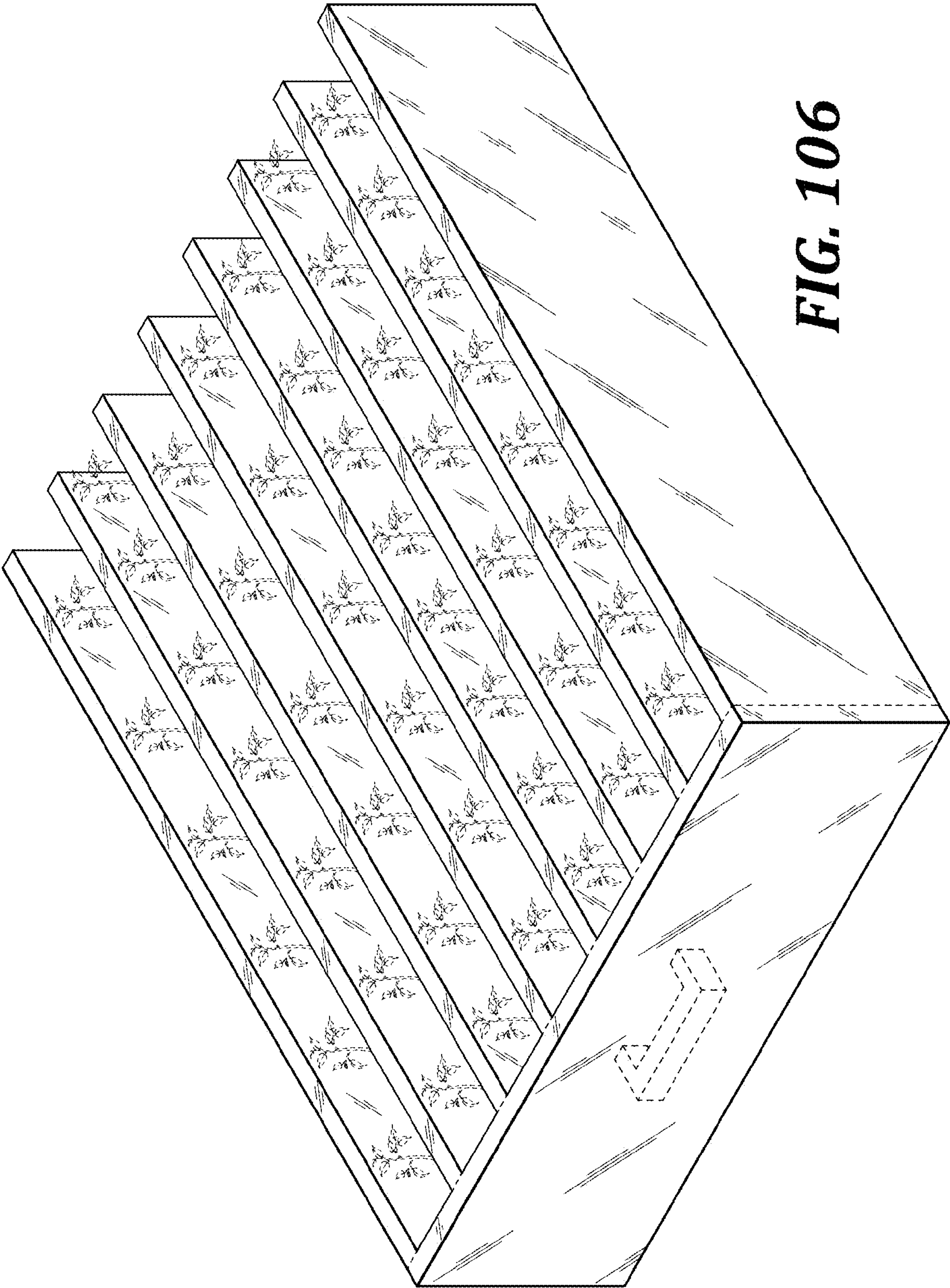


FIG. 106

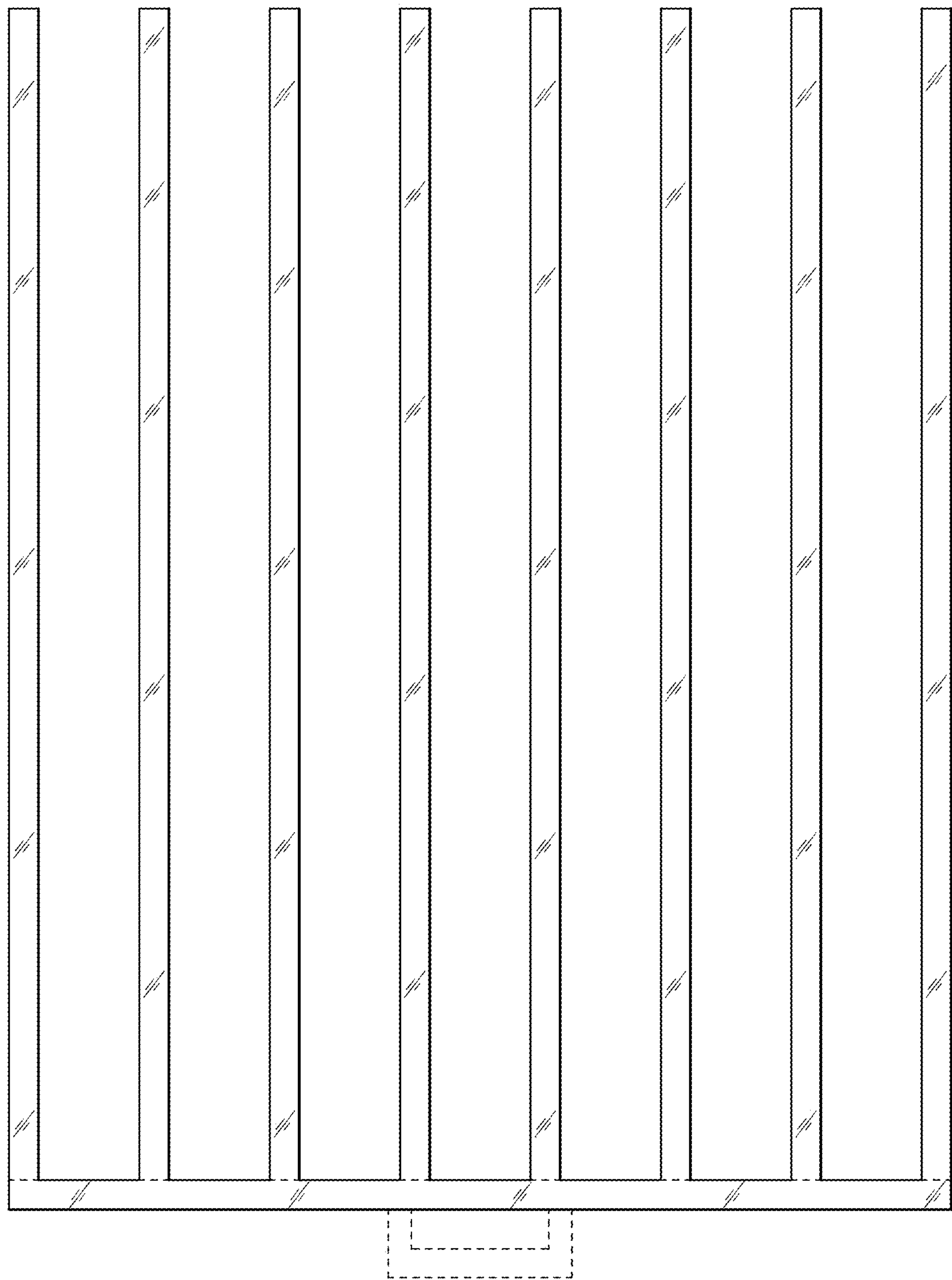


FIG. 107

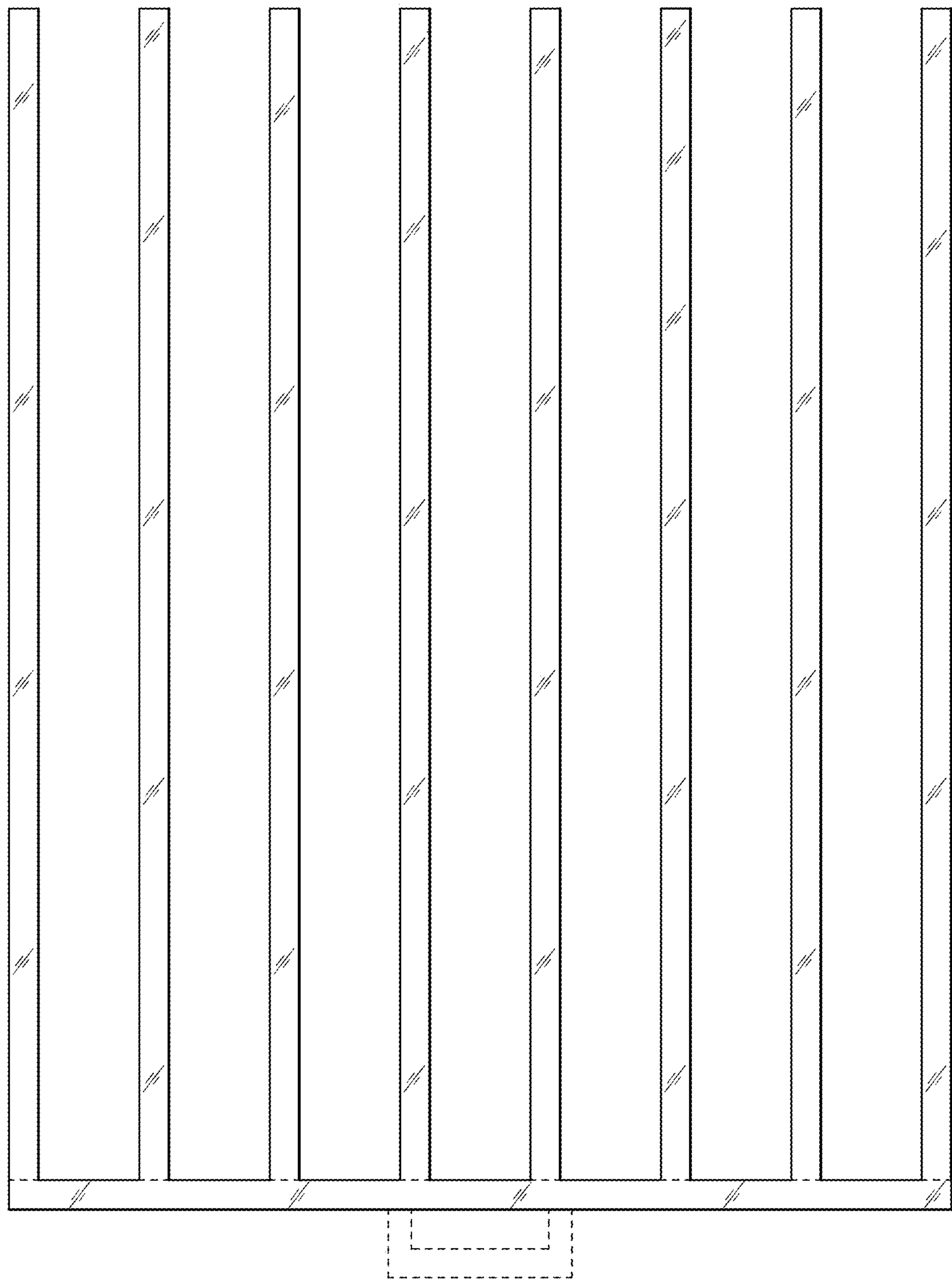


FIG. 108

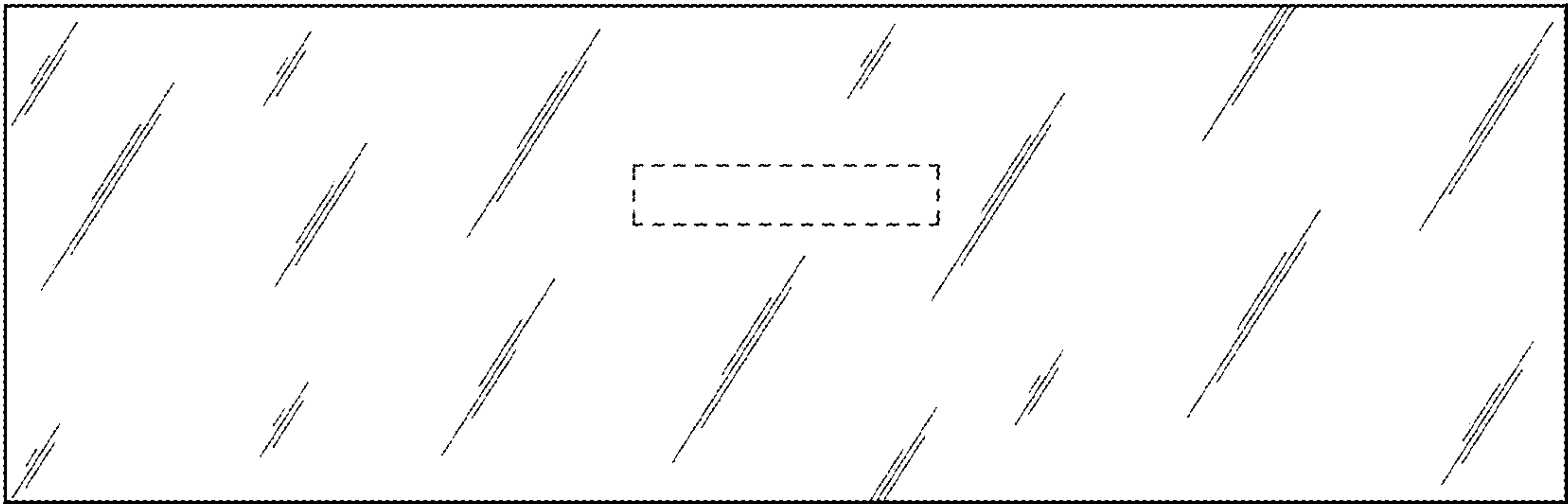


FIG. 109

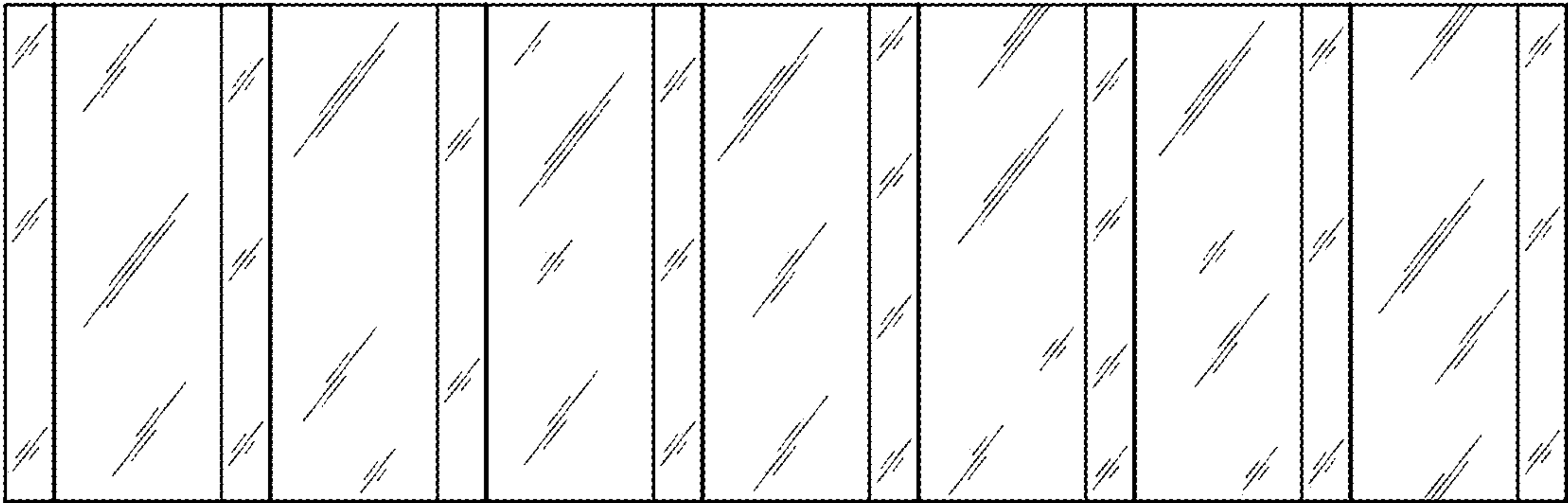


FIG. 110

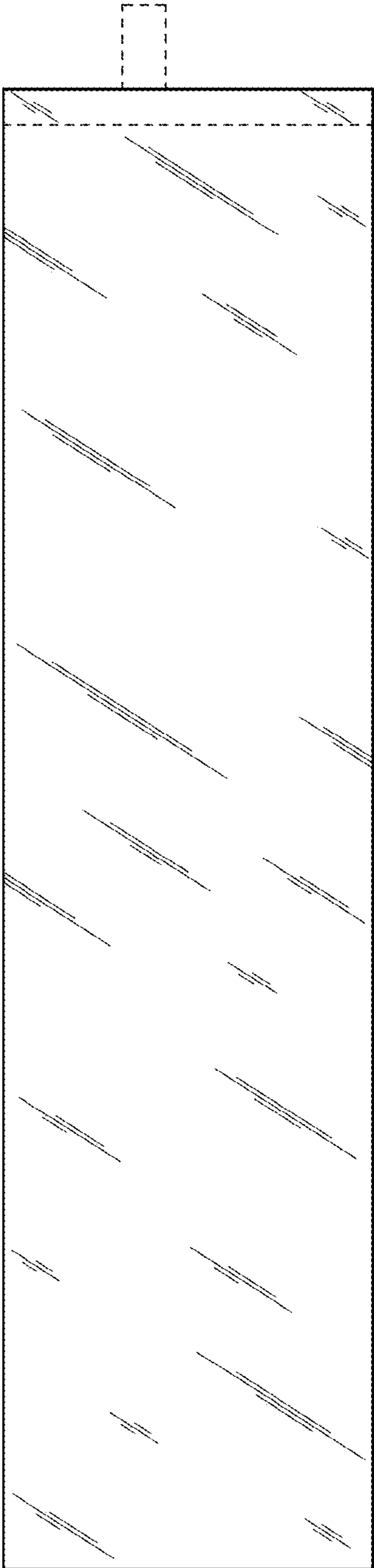


FIG. 111

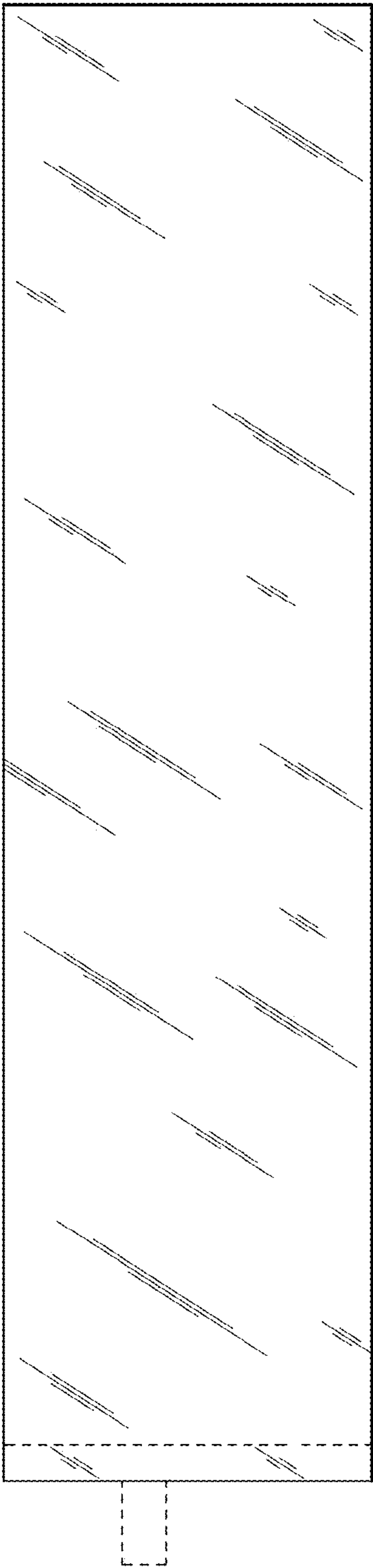


FIG. 112