

US00D842801S

(12) **United States Design Patent** (10) **Patent No.:** **US D842,801 S**
Yang (45) **Date of Patent:** **** Mar. 12, 2019**

(54) **MOSAIC SOLAR CELL**

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(73) Assignee: **SolAero Technologies Corp.**,
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(**) Term: **15 Years**

(21) Appl. No.: **29/637,545**

(22) Filed: **Feb. 20, 2018**

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

(52) **U.S. Cl.**
USPC **D13/102**

(58) **Field of Classification Search**
USPC D13/101, 102, 103, 104, 105, 106, 118,
D13/184, 199
CPC H01L 31/00; H01L 31/02; H01L 31/042;
H01L 31/045; H01L 31/046; H01L
31/048; H01L 31/05; H01L 31/052; H01L
31/0525; H02S 30/00; H02S 20/10; H02S
20/23; H02S 20/30; H02S 40/34; H02S
40/44; H02S 30/10; F24J 2/52; F03G
6/00

See application file for complete search history.

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Primary Examiner — Daniel D Bui

(57) **CLAIM**

The ornamental design for a mosaic solar cell, as shown and described.

DESCRIPTION

The present application is related to U.S. patent application Ser. No. 29/624,370 filed Oct. 31, 2017.

FIG. 1 is a top perspective view of a mosaic solar cell showing my new design, in a first embodiment;

FIG. 2 is a top plan view the mosaic solar cell of FIG. 1;

FIG. 3 is a bottom plan view of thereof;

FIG. 4 is a front elevation thereof;

FIG. 5 is a rear elevation view thereof;

FIG. 6 is a left elevation view thereof;

FIG. 7 is a right side elevation view thereof; and

FIG. 8 is a top perspective view of a mosaic solar cell showing my new design in a second embodiment;

FIG. 9 is a top plan view of the mosaic solar cell of FIG. 8;

FIG. 10 is a bottom plan view thereof;

FIG. 11 is a front elevation view thereof;

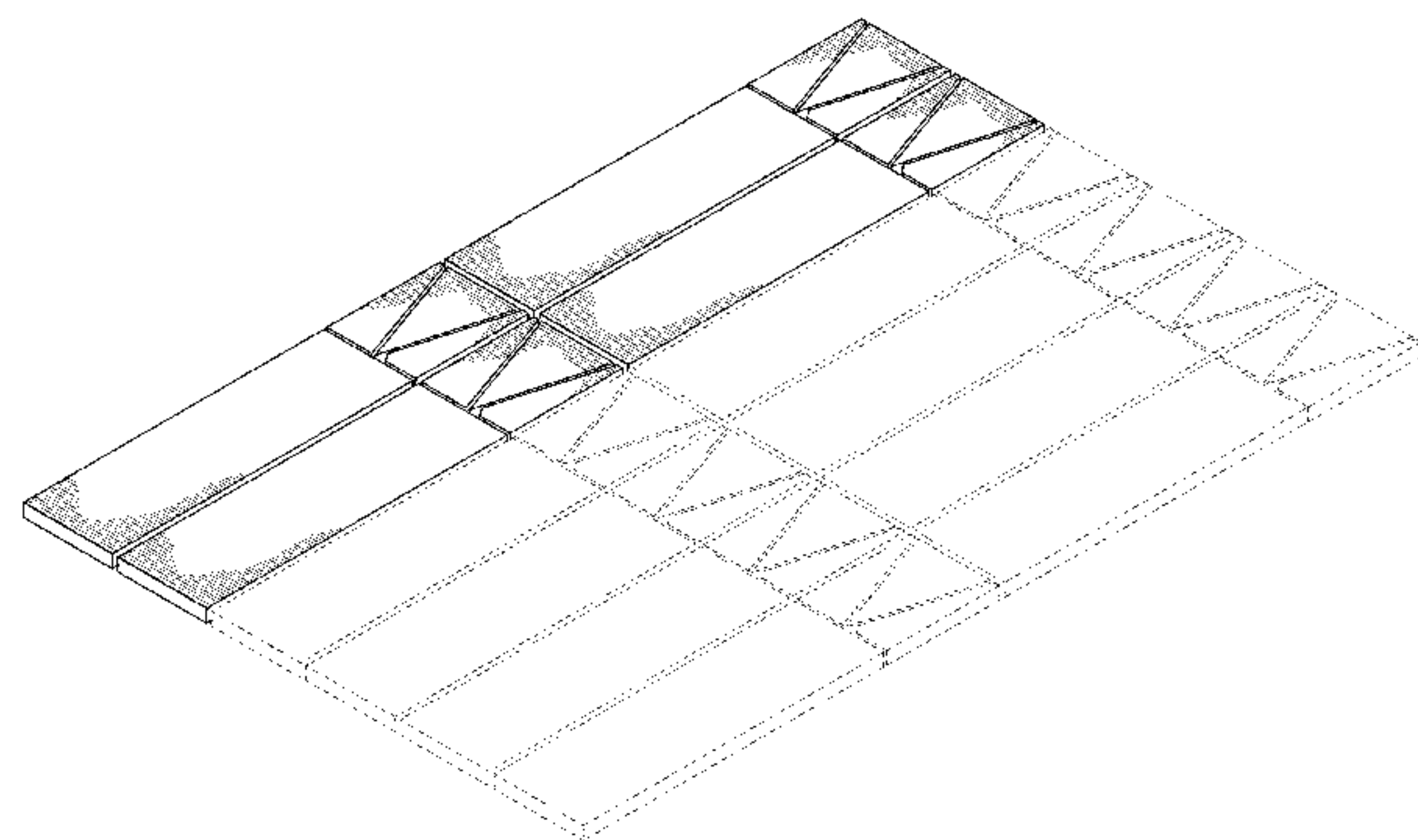
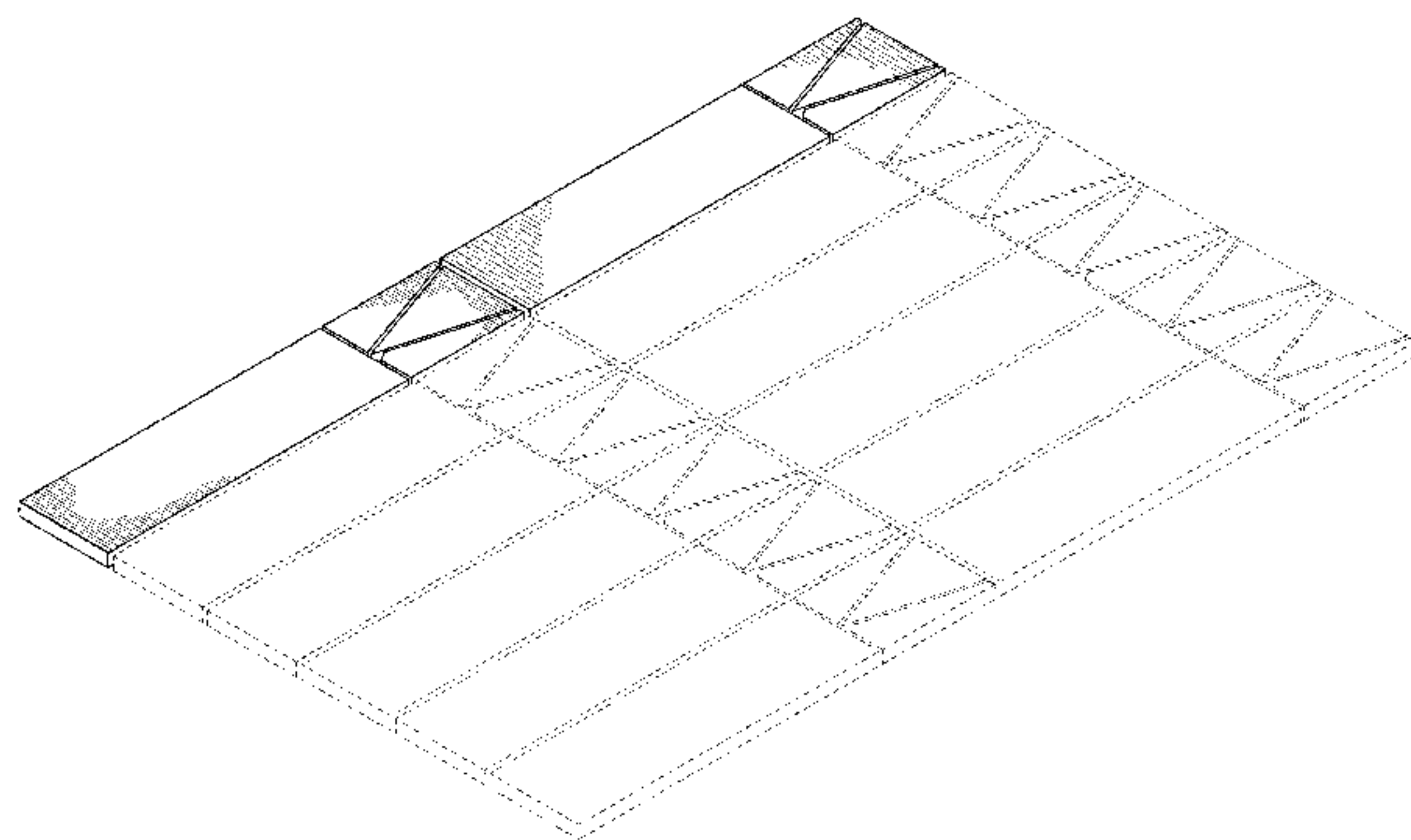
FIG. 12 is a rear elevation view thereof;

FIG. 13 is a left elevation view thereof; and

FIG. 14 is a right side elevation view thereof; and,

FIG. 15 is a top plan view of unclaimed environment of a semiconductor wafer, which has been scribed to produce the mosaic solar cell elements shown in the preceding Figures. The broken line represents unclaimed environment structure only and forms no part of the claimed design.

1 Claim, 9 Drawing Sheets



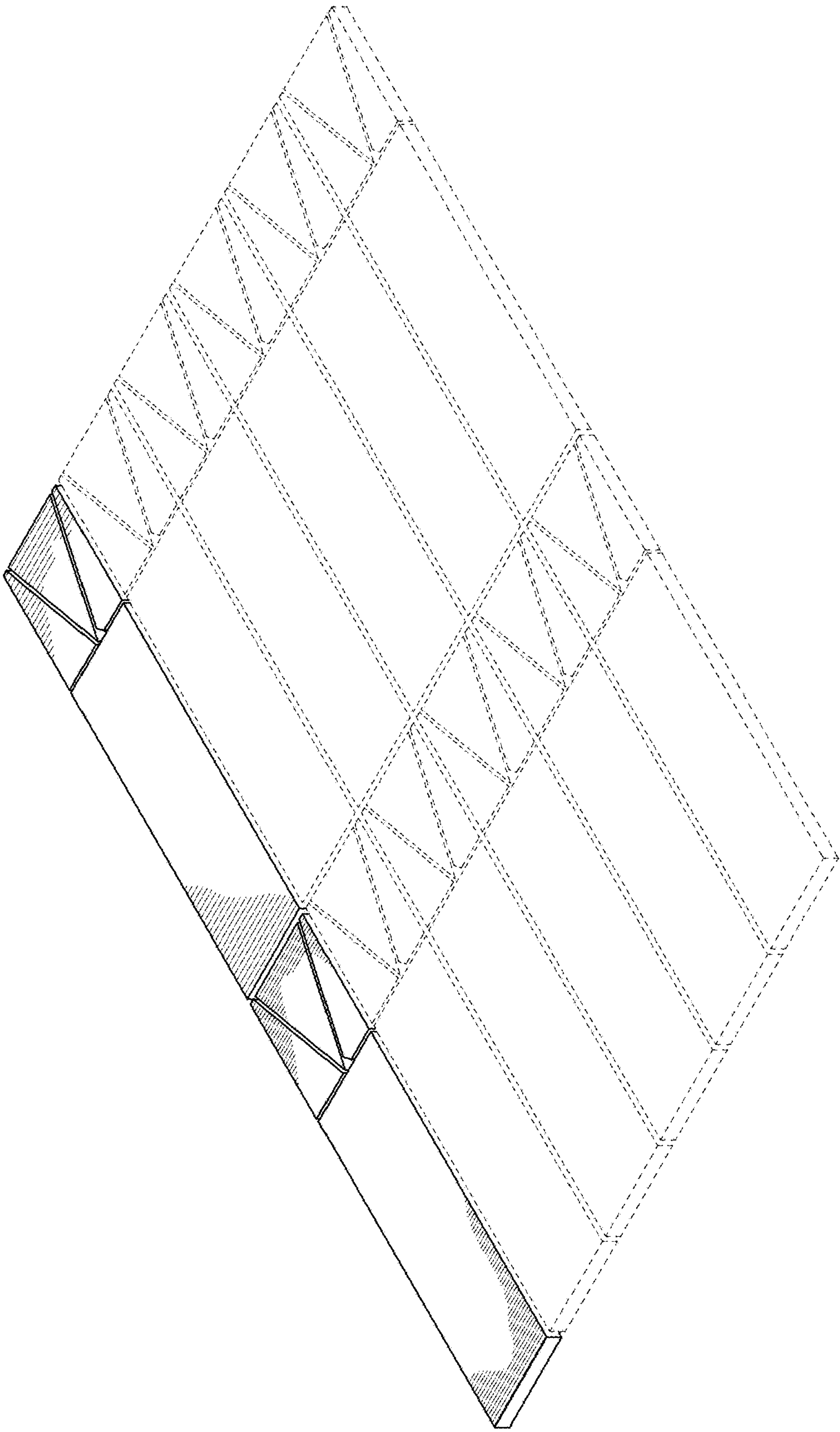


FIG. 1

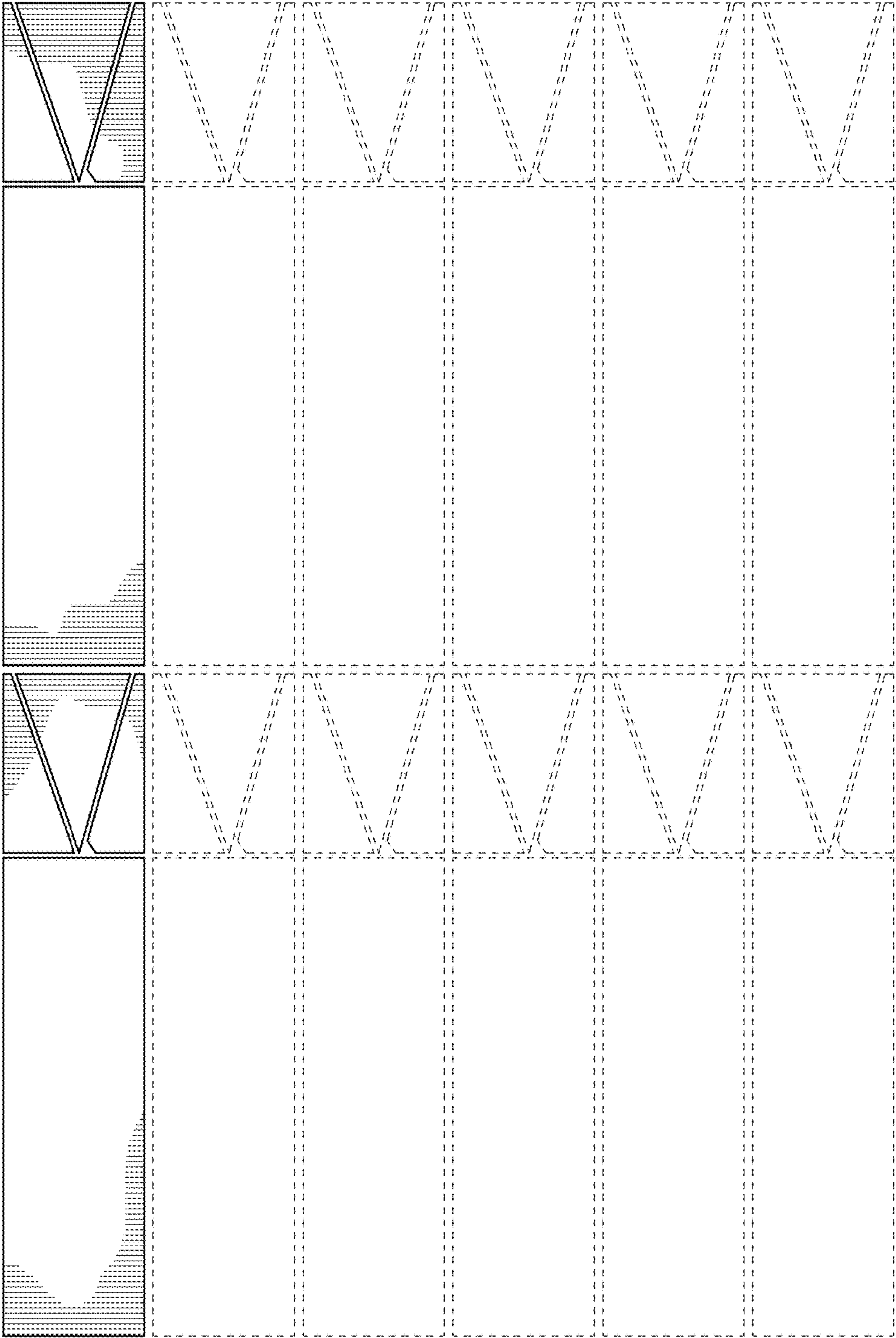


FIG. 2

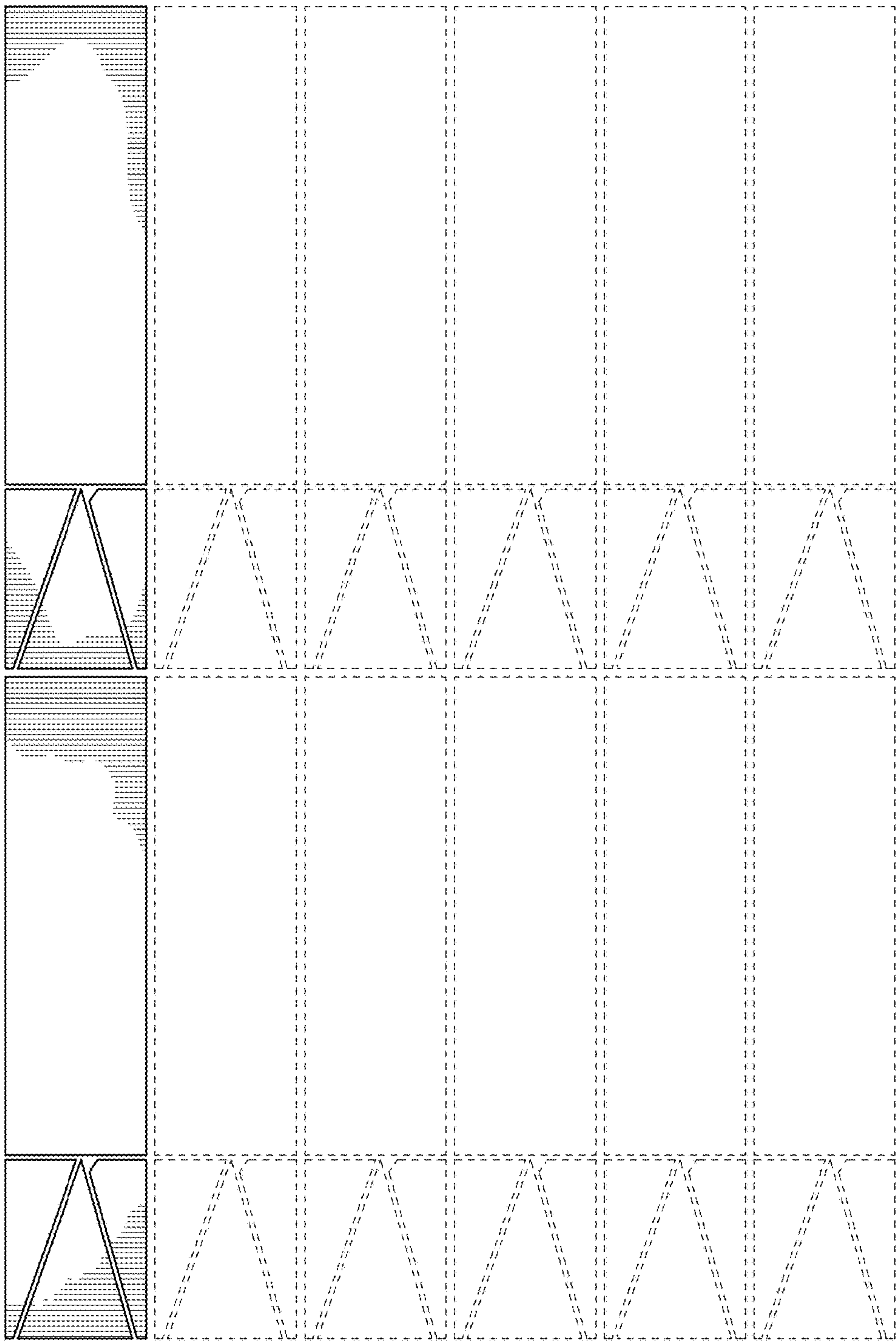


FIG. 3

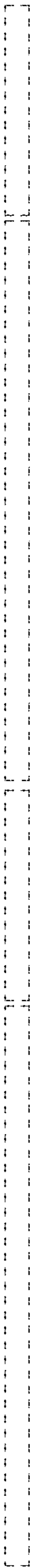


FIG. 4



FIG. 5

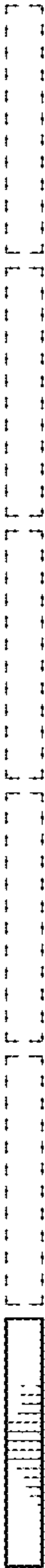


FIG. 6

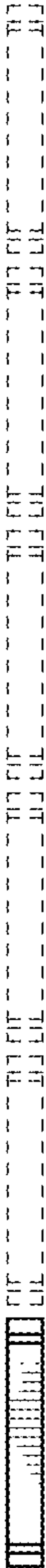


FIG. 7

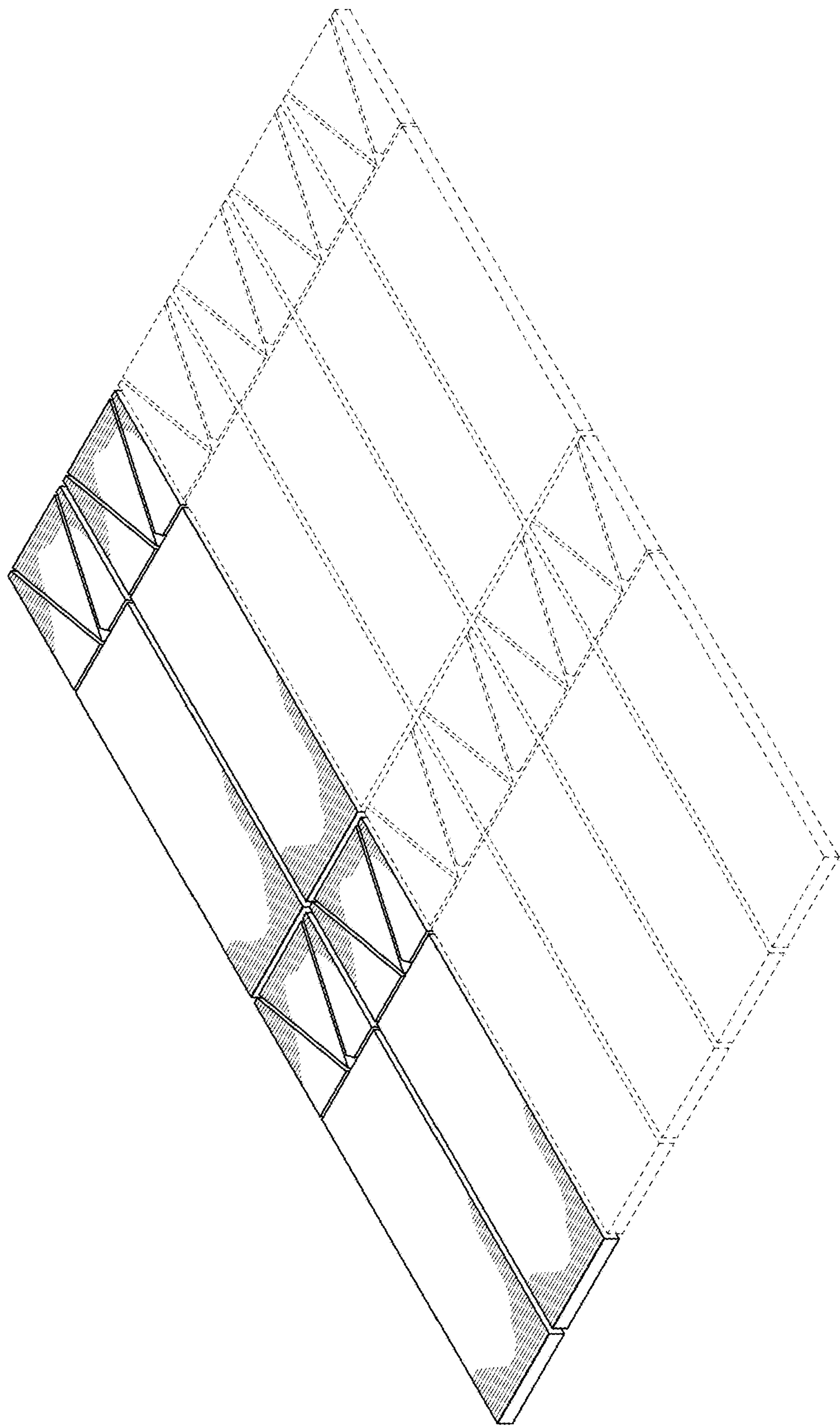


FIG. 8

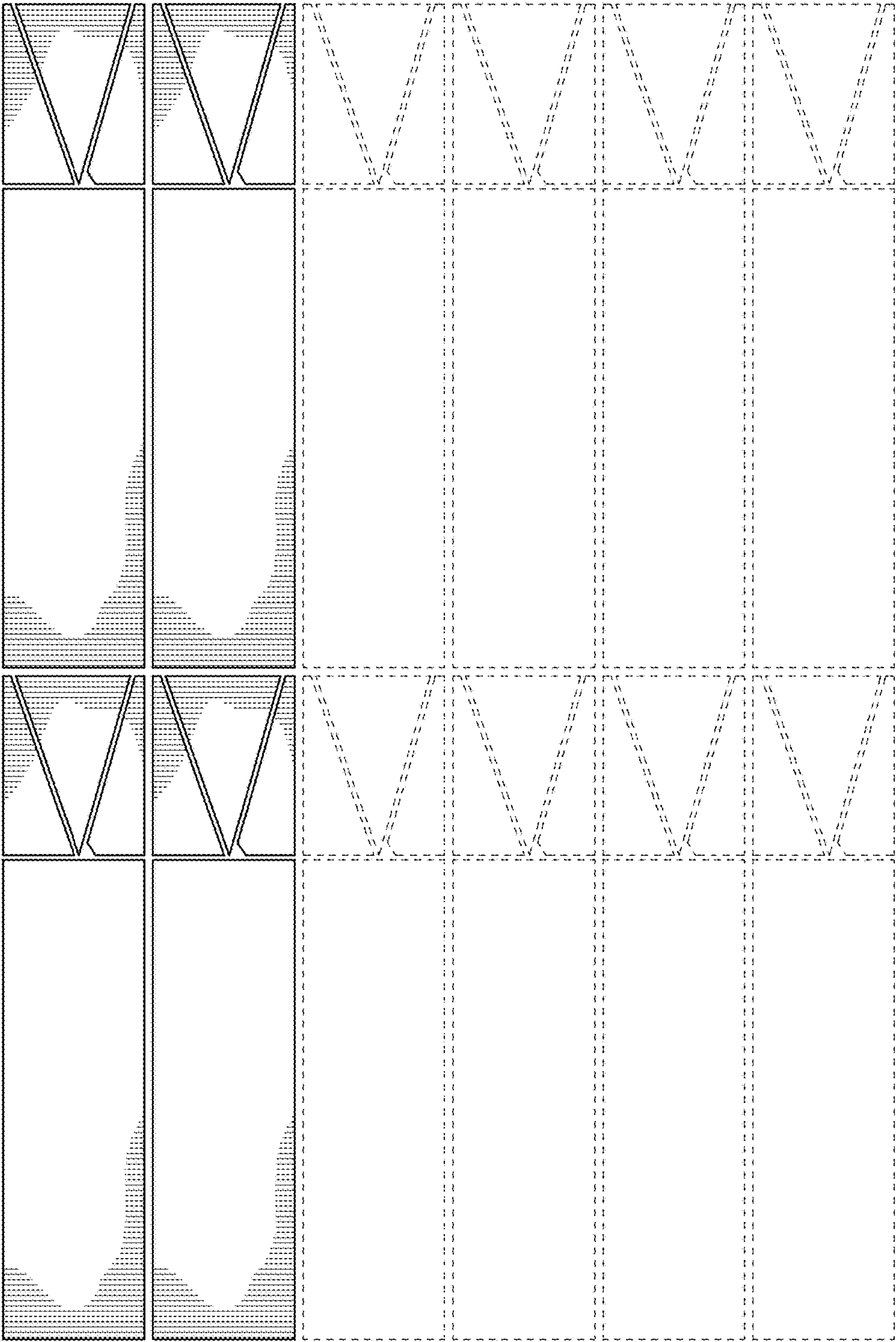


FIG. 9

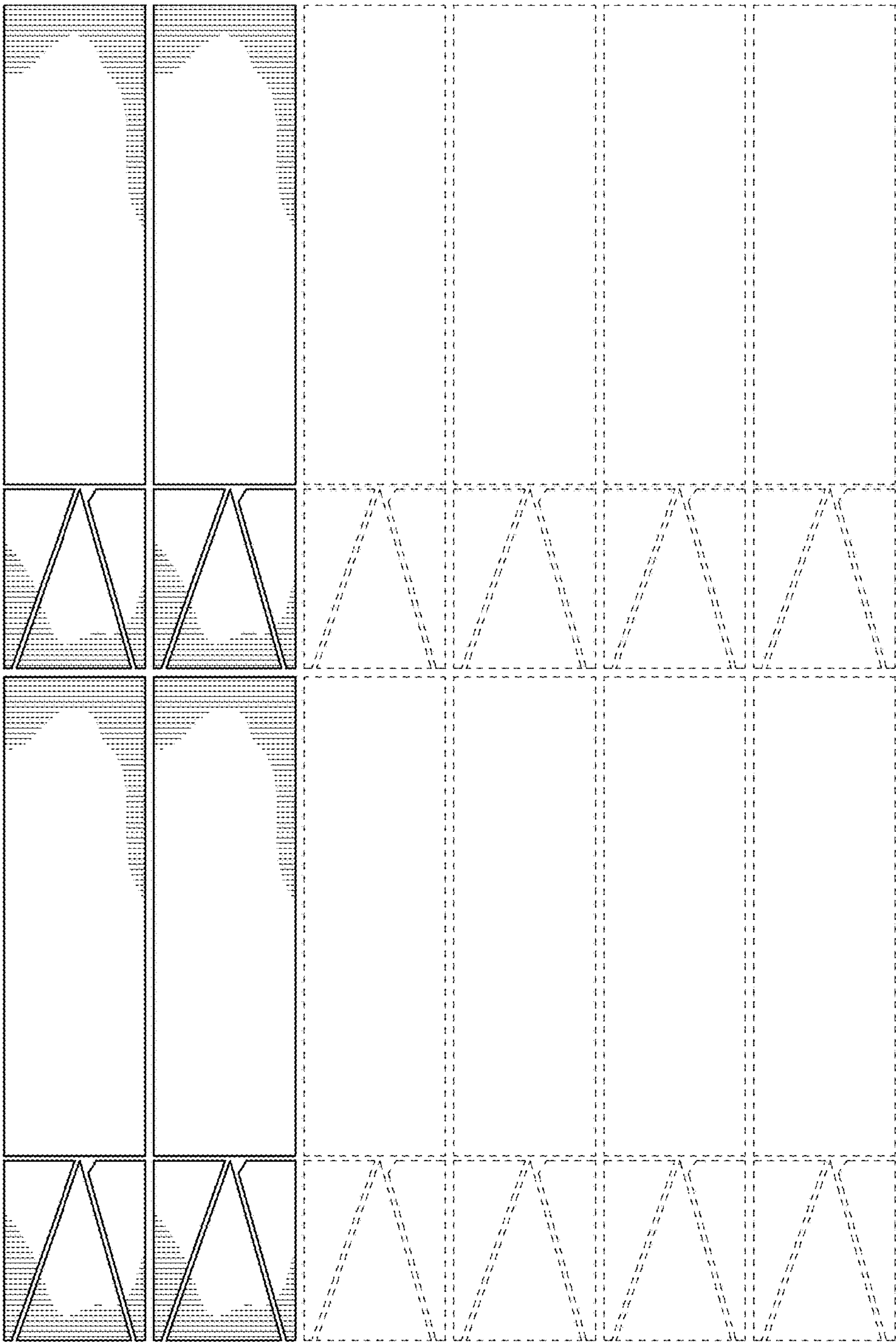


FIG. 10

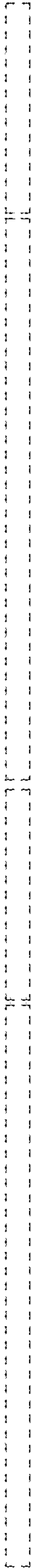


FIG. 11



FIG. 12

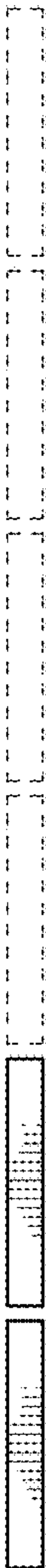


FIG. 13



FIG. 14

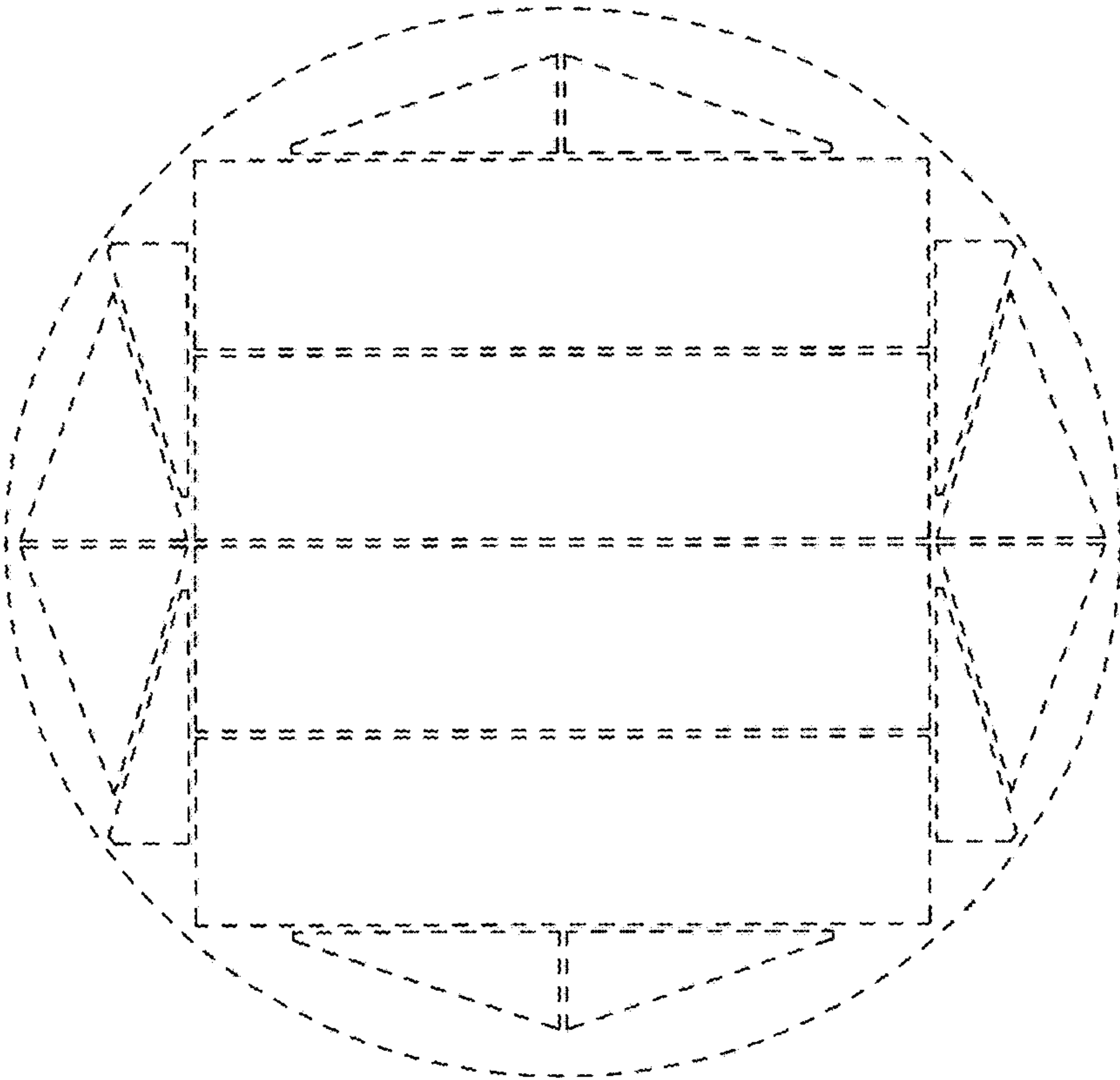


FIG. 15