



US00D816454S

(12) **United States Design Patent** (10) **Patent No.:** **US D816,454 S**
Kawamura et al. (45) **Date of Patent:** **** May 1, 2018**

(54) **HOLDING TOOL FOR PLASTIC-MADE CAPS**

sion-Plastic-Injection-mold-Plastic-Injection-Mould-Inject-Mould-Manufacturer/32216233129.html?spm=2114.search0302.4.88.uZsFsA>.*

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(57) **CLAIM**

The ornamental design for a holding tool for plastic-made caps, as shown and described.

(73) Assignees: **Daikyo Seiko, Ltd.**, Tochigi (JP);
Nuova Ompi SRL Unipersonale,
Padua (IT)

DESCRIPTION

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

FIG. 1 is a front elevational view of a holding tool for plastic-made caps showing our new design; FIG. 2 is a rear elevational view thereof; FIG. 3 is a front perspective view thereof; FIG. 4 is an enlarged partial front elevational view thereof taken along lines 4-4 and 4'-4' Shown in FIG. 1; FIG. 5 is an enlarged partial rear elevational view thereof taken along lines 5-5 and 5'-5' shown in FIGS. 2; FIG. 6 is a cross-sectional view thereof taken along line 6-6 shown in FIG. 4; FIG. 7 is a cross-sectional view thereof taken along the line 7-7 shown in FIG. 4; FIG. 8 is an enlarged partial front elevational view thereof taken along lines 4-4 and 4'-4' shown in FIG. 1; FIG. 9 is a sectional view taken along line 9-9'-9'' as shown in FIG. 8; FIG. 10 is an enlarged partial front perspective view of FIG. 4; FIG. 11 is an enlarged partial rear perspective view of FIG. 5; FIG. 12 is a sectional view of FIG. 9 in an environment of use and FIG. 13 is an enlarged partial perspective view of FIG. 4 in an environment of use. FIG. 14 is a top plan view of FIG. 3; FIG. 15 is a bottom plan view thereof; FIG. 16 is a right side elevational view thereof; and, FIG. 17 is a left side elevational view thereof.

(21) Appl. No.: **29/569,744**

(22) Filed: **Jun. 30, 2016**

(30) **Foreign Application Priority Data**

Jan. 4, 2016 (JP) 2016-000010

(51) **LOC (11) Cl.** **08-05**

(52) **U.S. Cl.**
USPC **D8/71**

(58) **Field of Classification Search**
USPC D3/313; D6/552, 672; D7/601, 602,
D7/619.1, 620, 624.1, 701-704, 707, 708;
(Continued)

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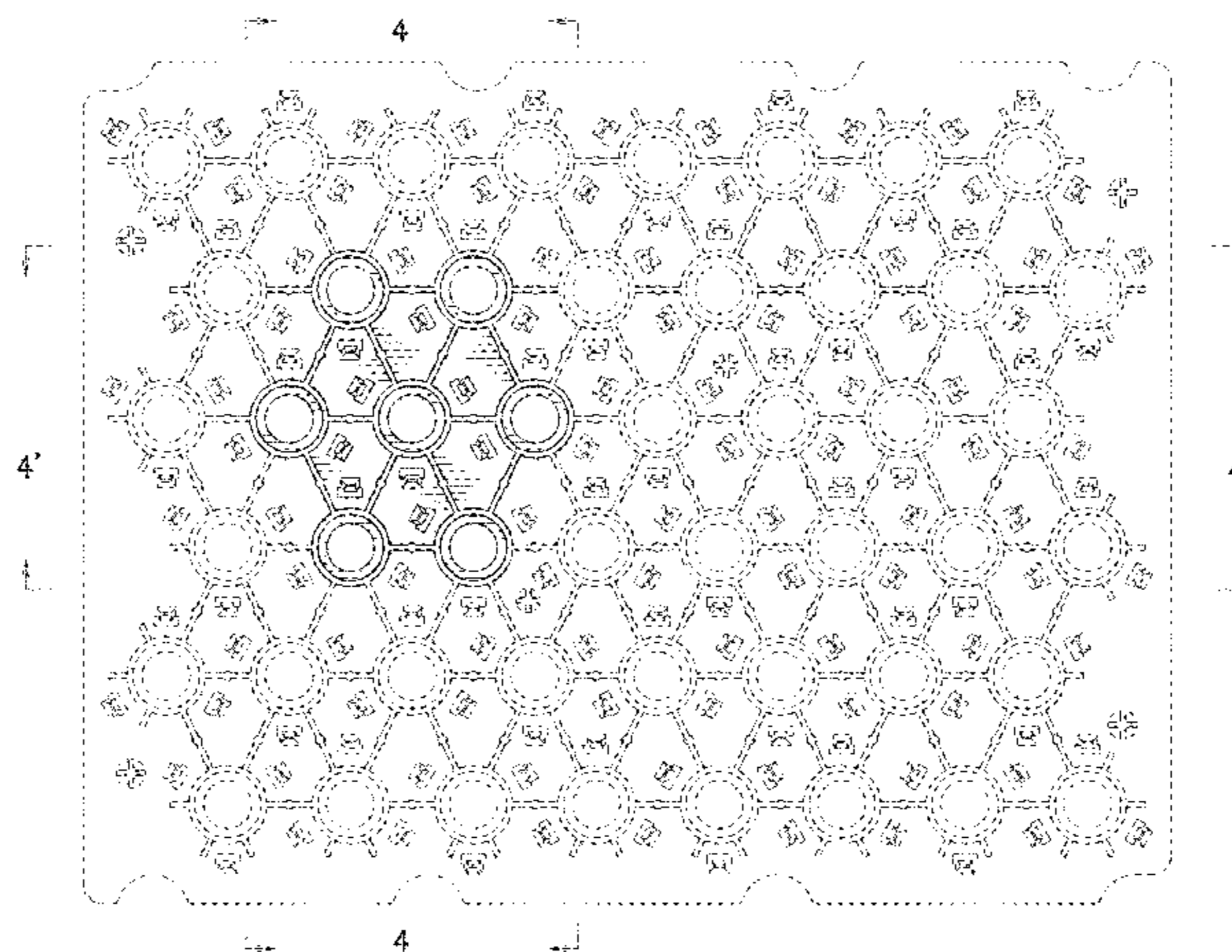
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In the drawings, the evenly-spaced broken lines showing portions of a holding tool for plastic-made caps depict environment and form no part of the claim; the dash-dot-dash lines represent boundaries of the claimed design and form no part thereof.

1 Claim, 17 Drawing Sheets

(58) Field of Classification Search

USPC D9/414, 427, 428, 443, 455-457, 753;
D32/58; D24/216, 224, 226, 227, 231;
D8/71, 396; D15/140
CPC B65D 1/36
See application file for complete search history.

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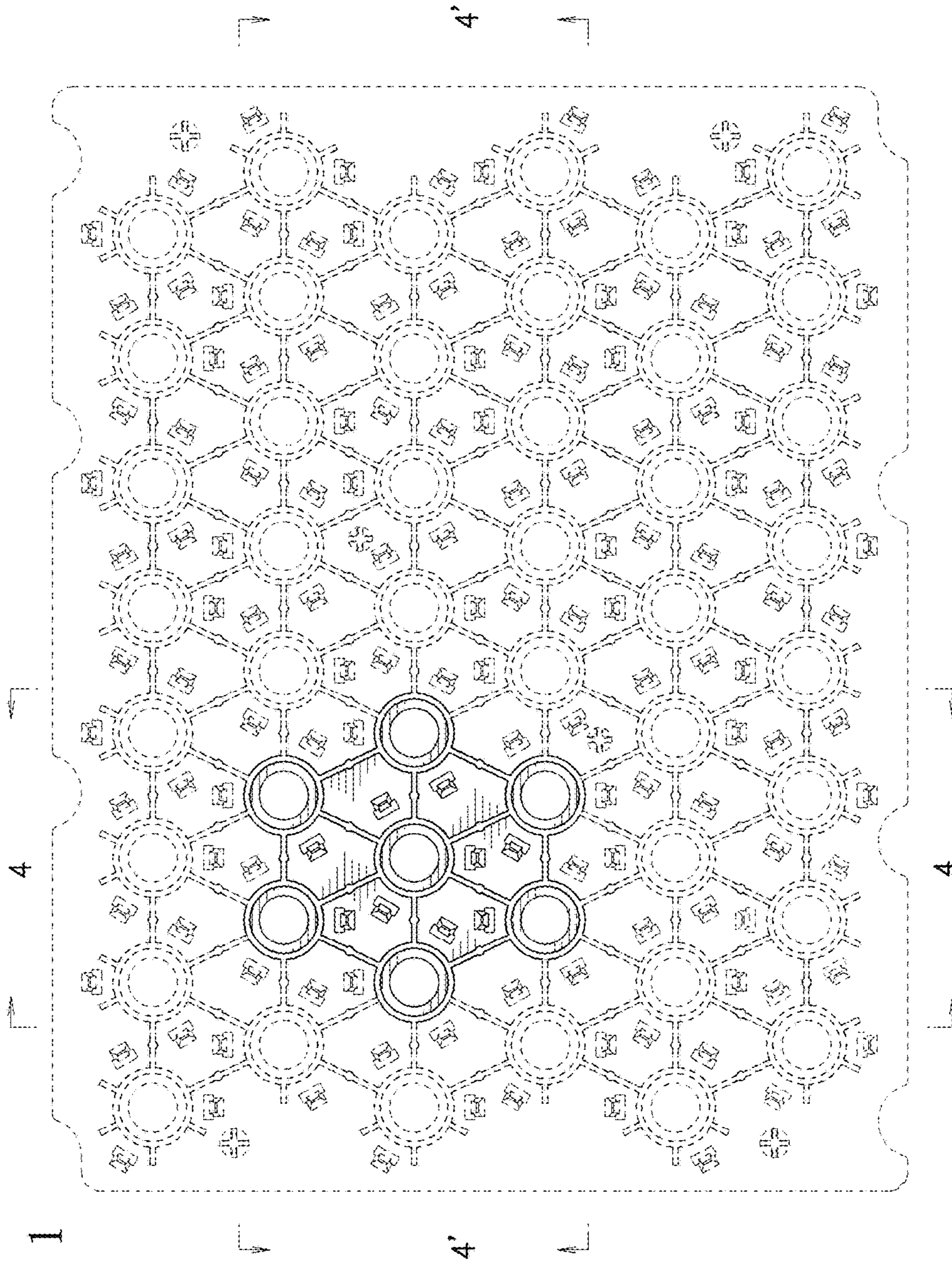


FIG. 1

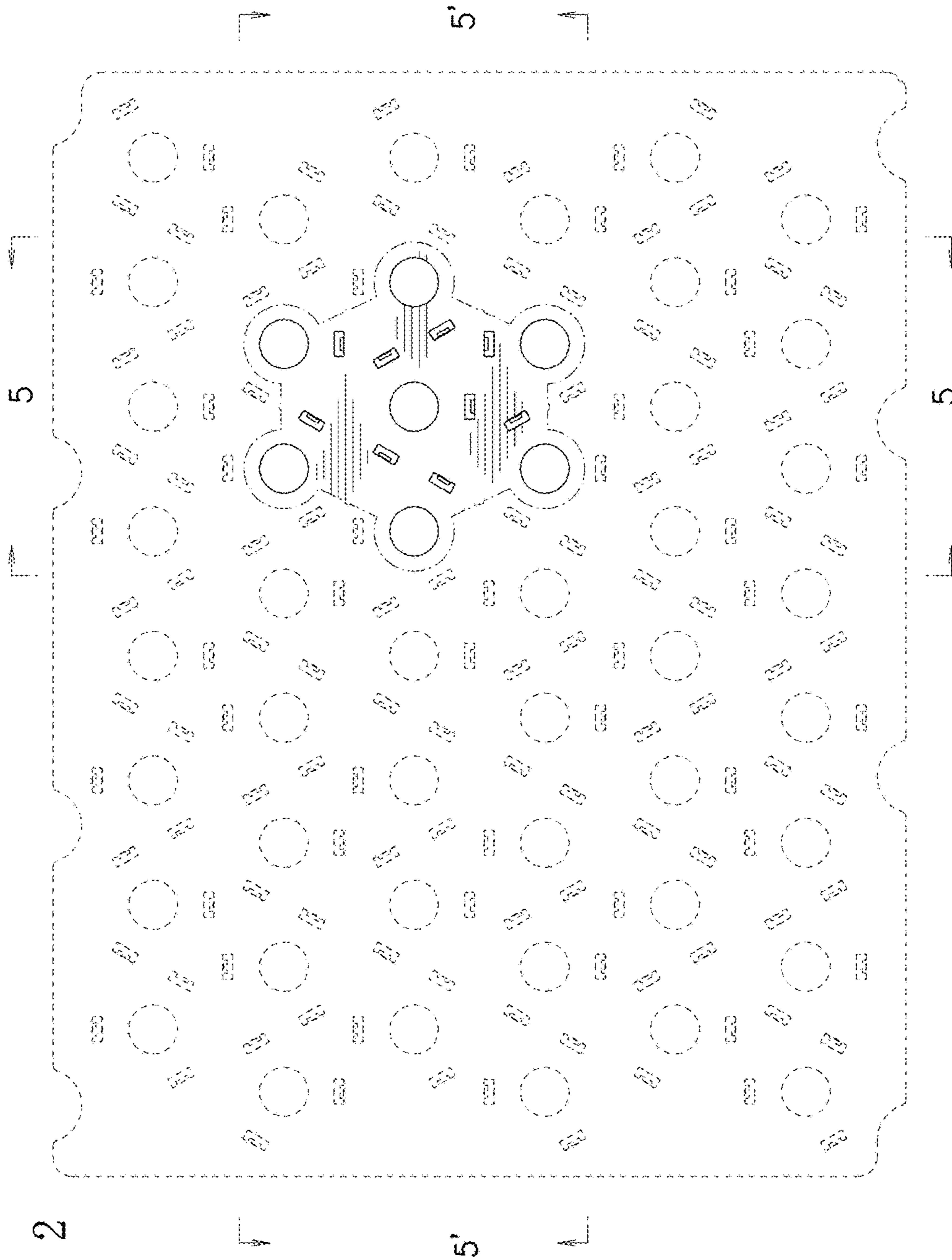


FIG. 2

FIG. 3

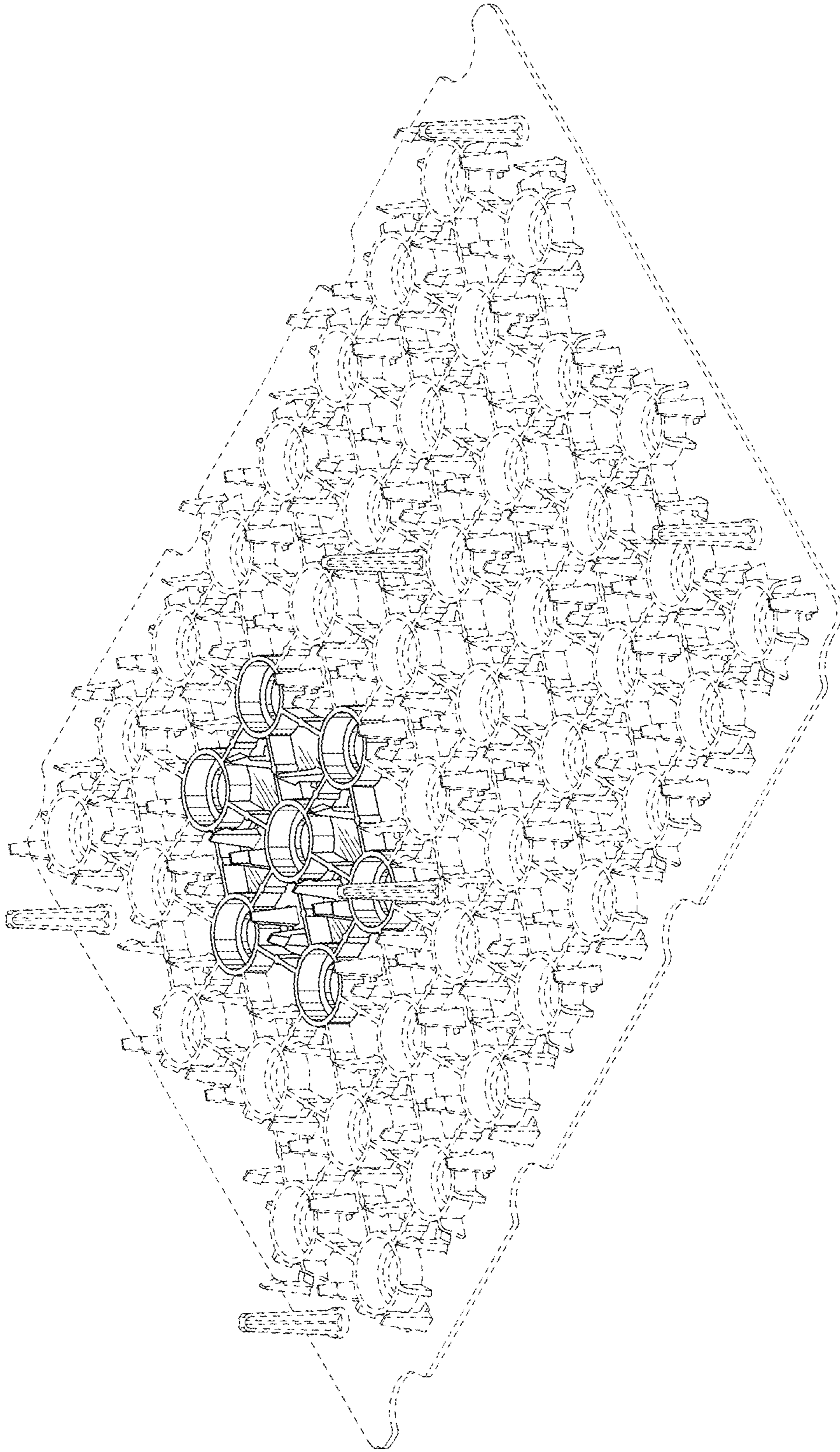
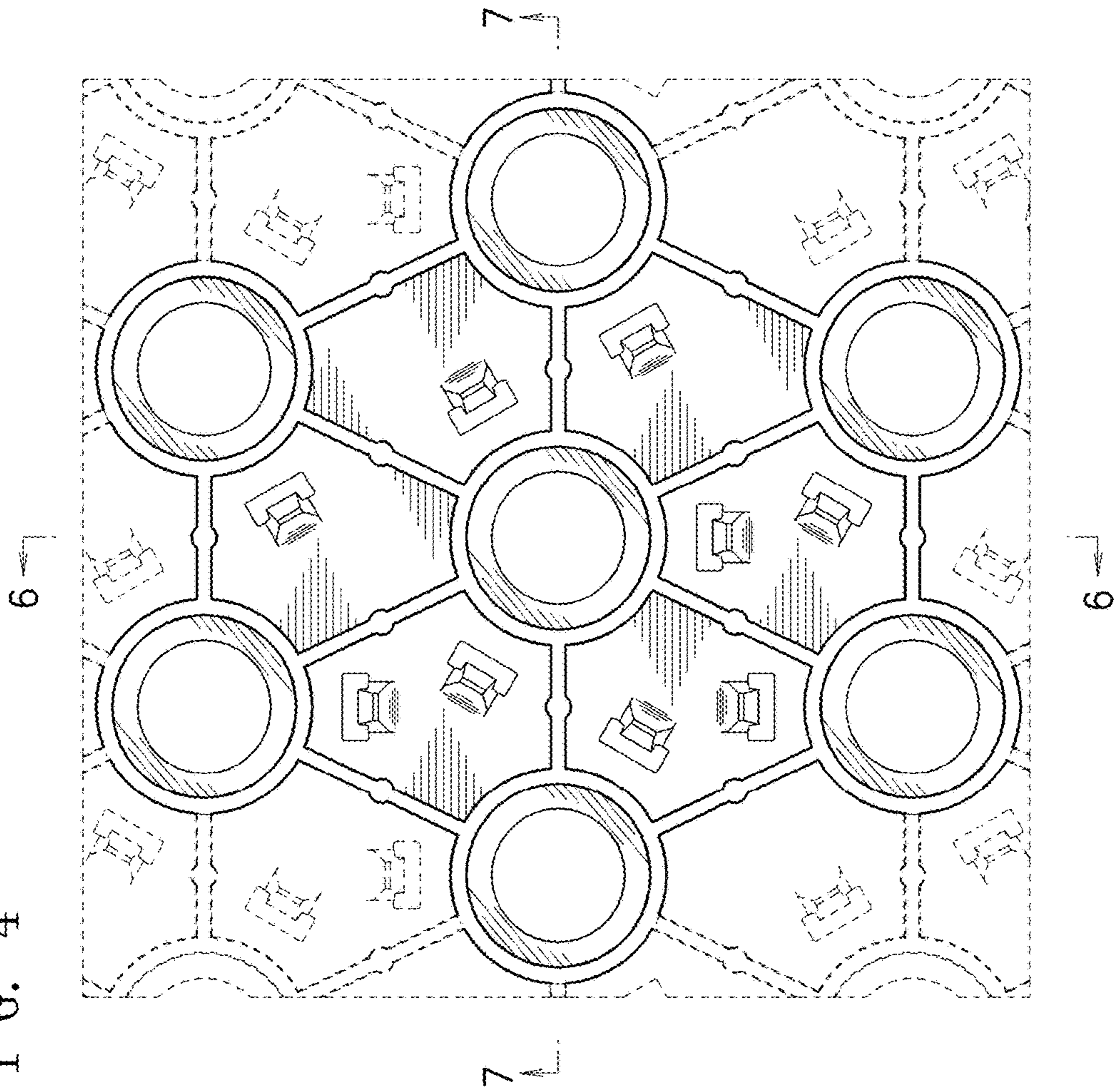


FIG. 4



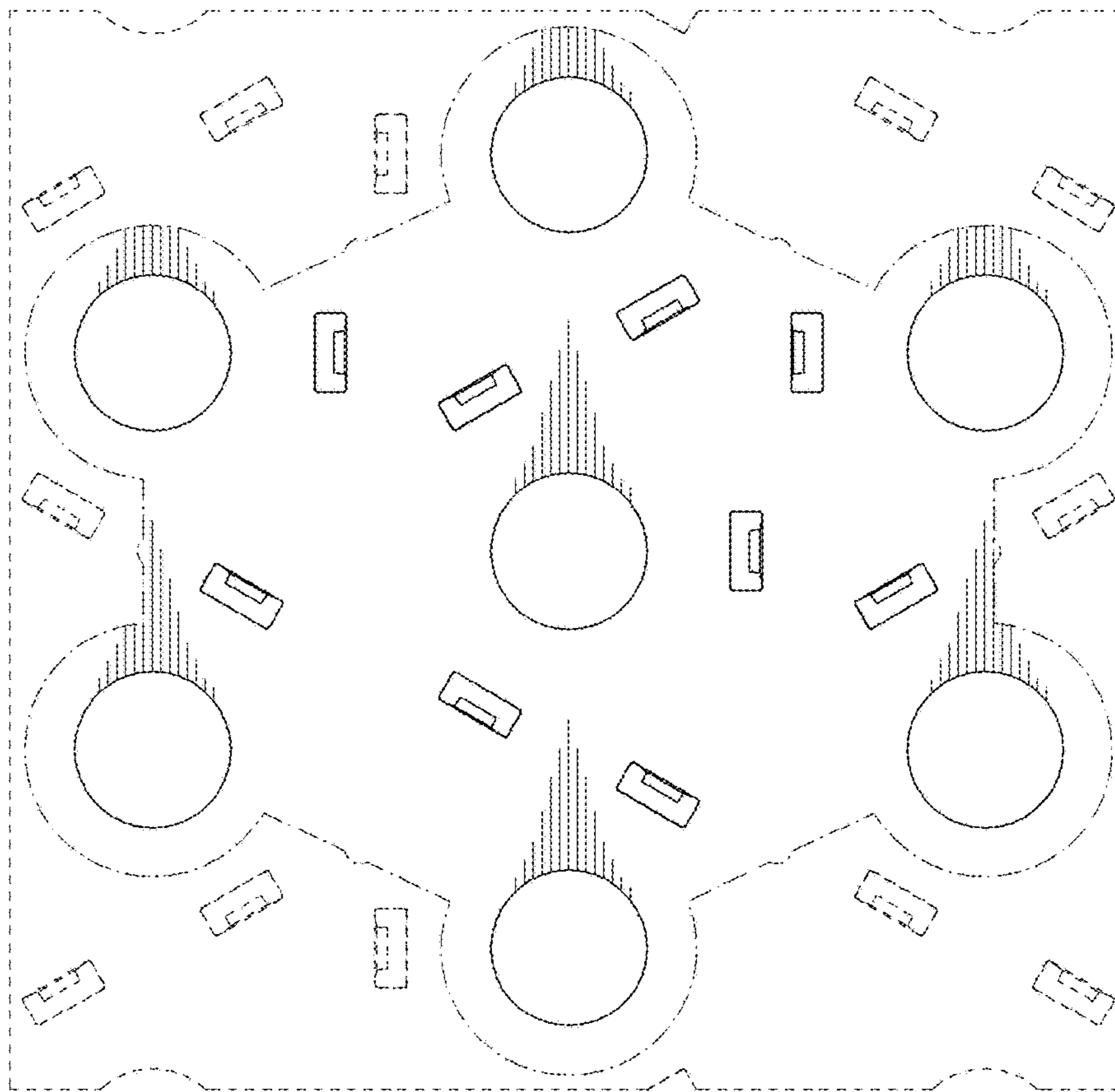


FIG. 5

FIG. 6

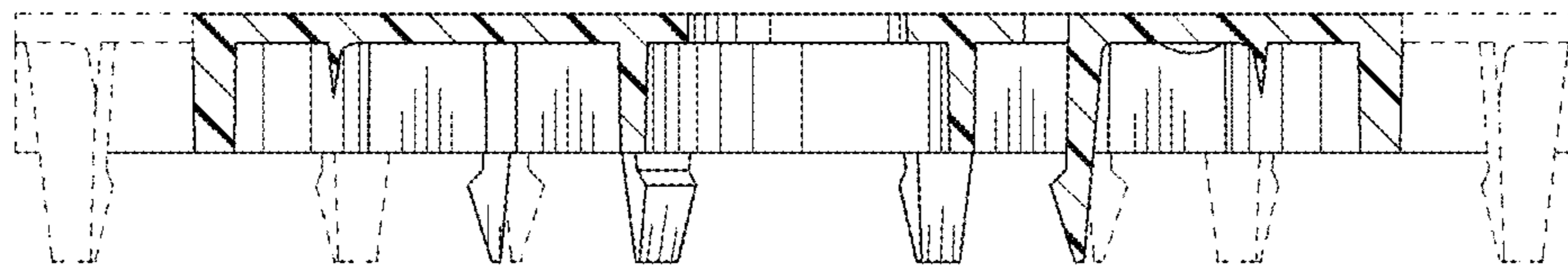
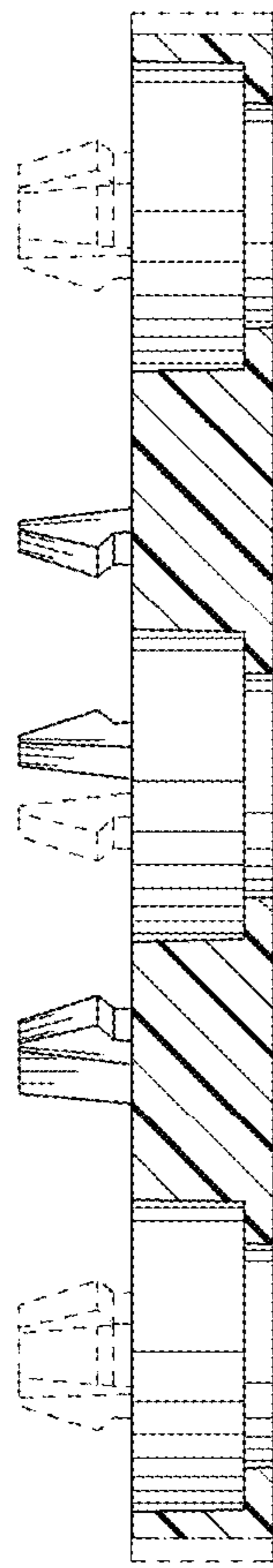


FIG. 7



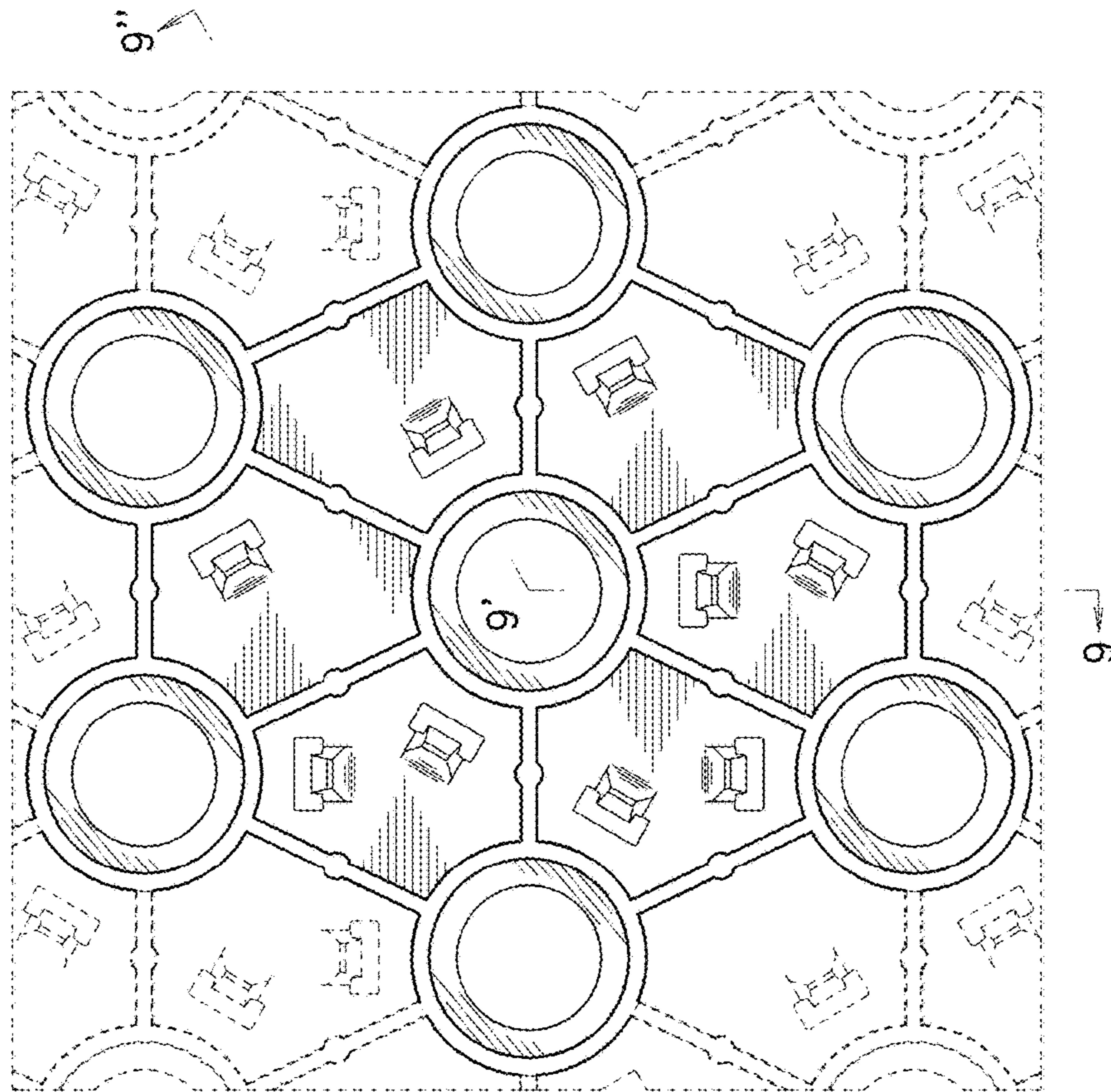


FIG. 8

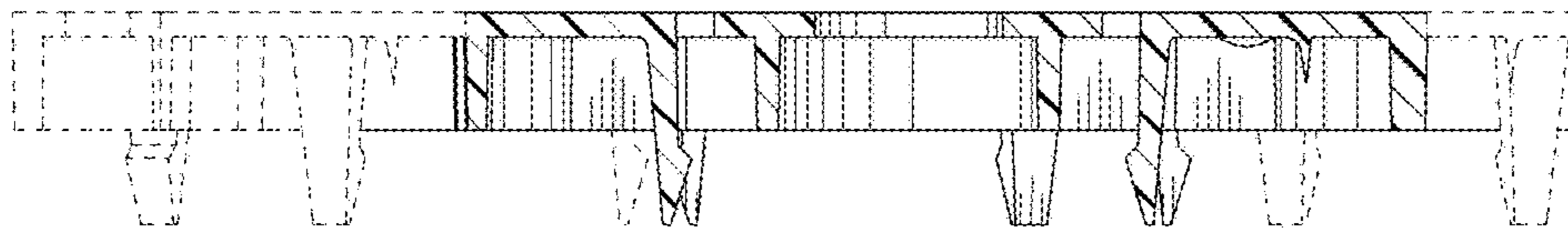


FIG. 9

FIG. 10

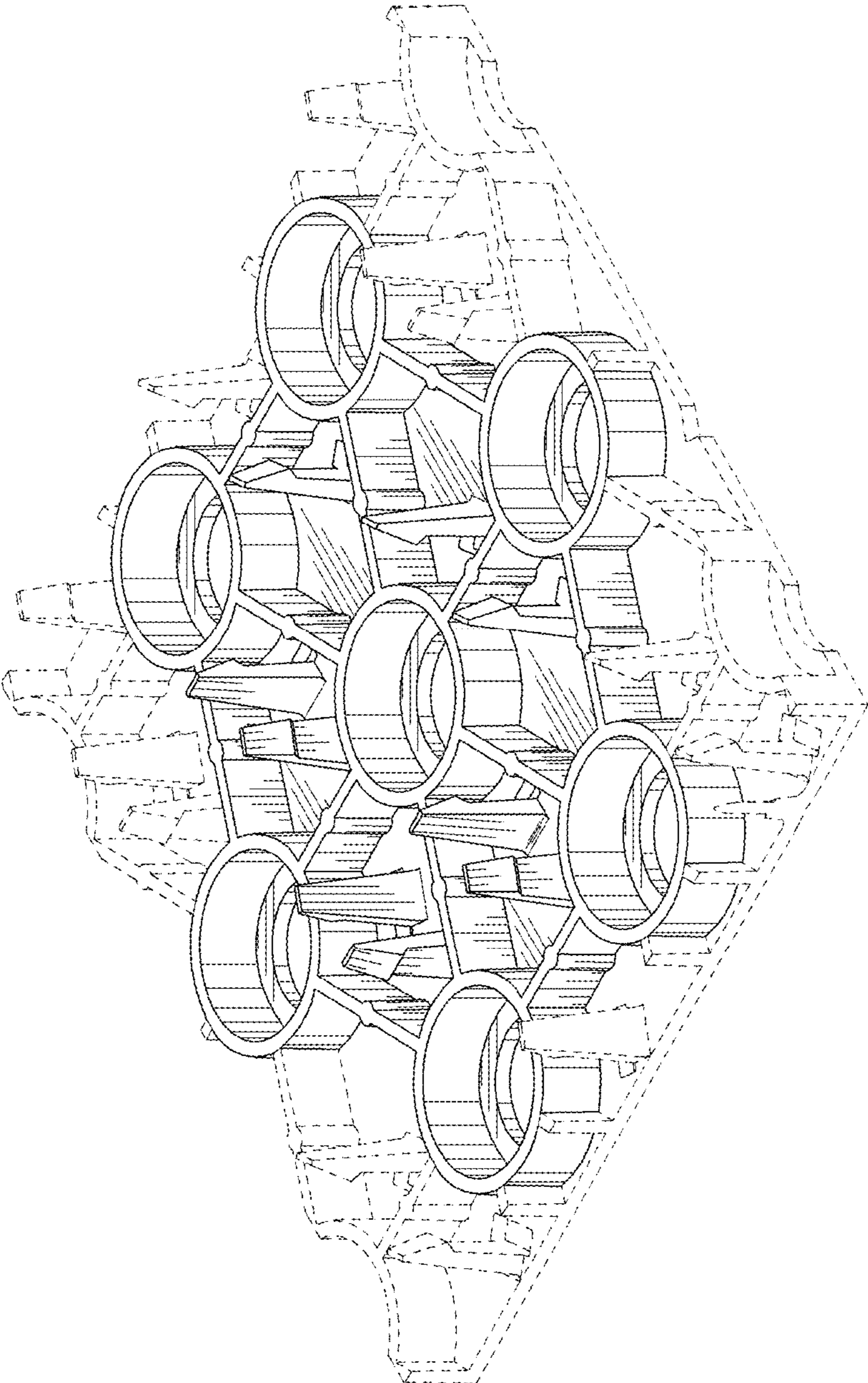
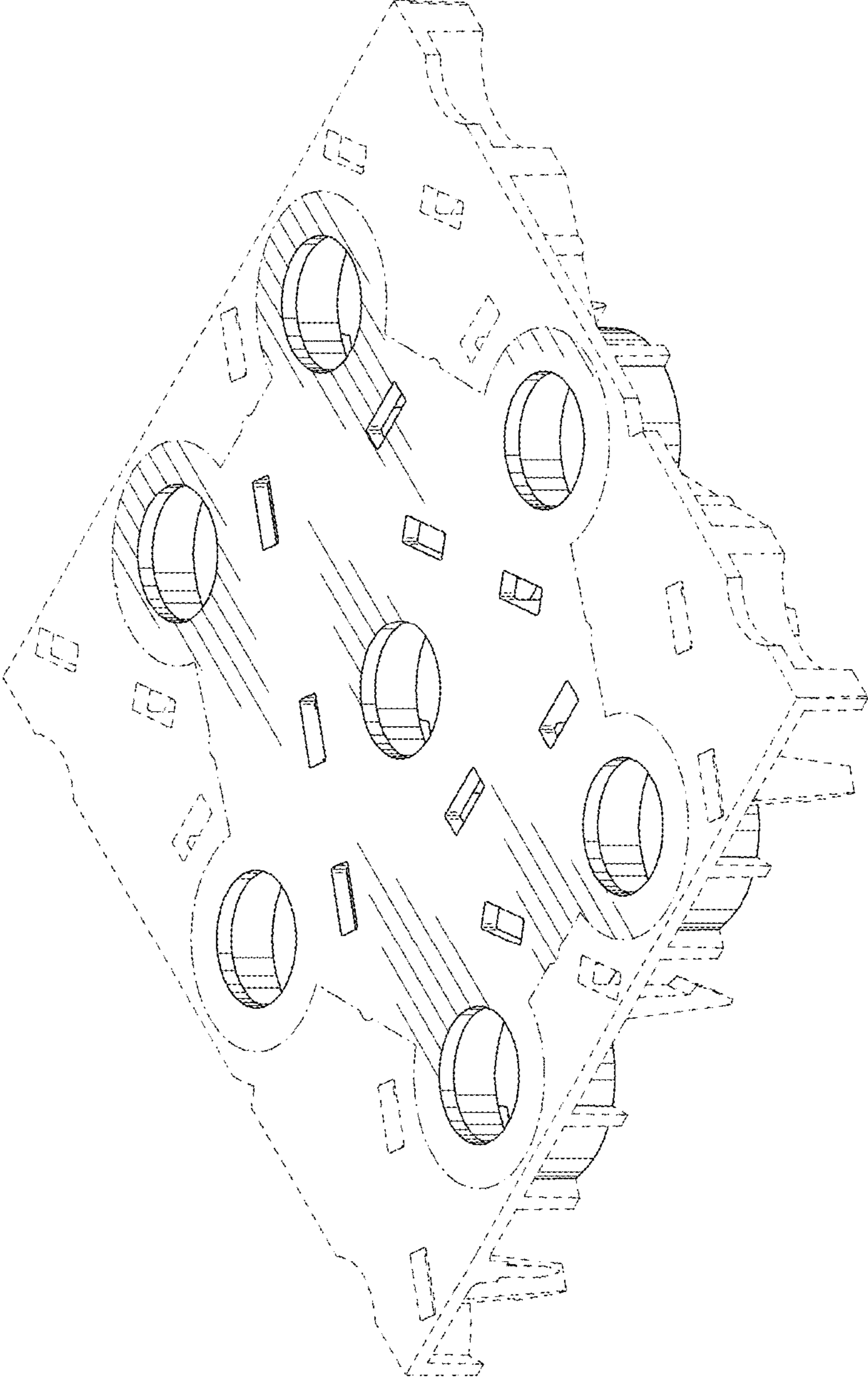


FIG. 11



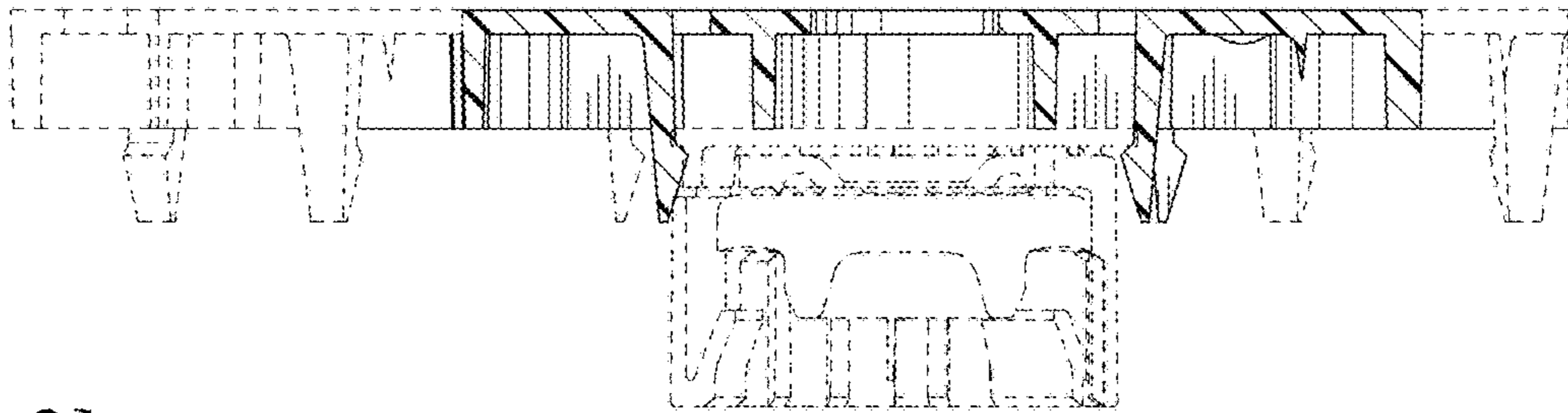


FIG. 12

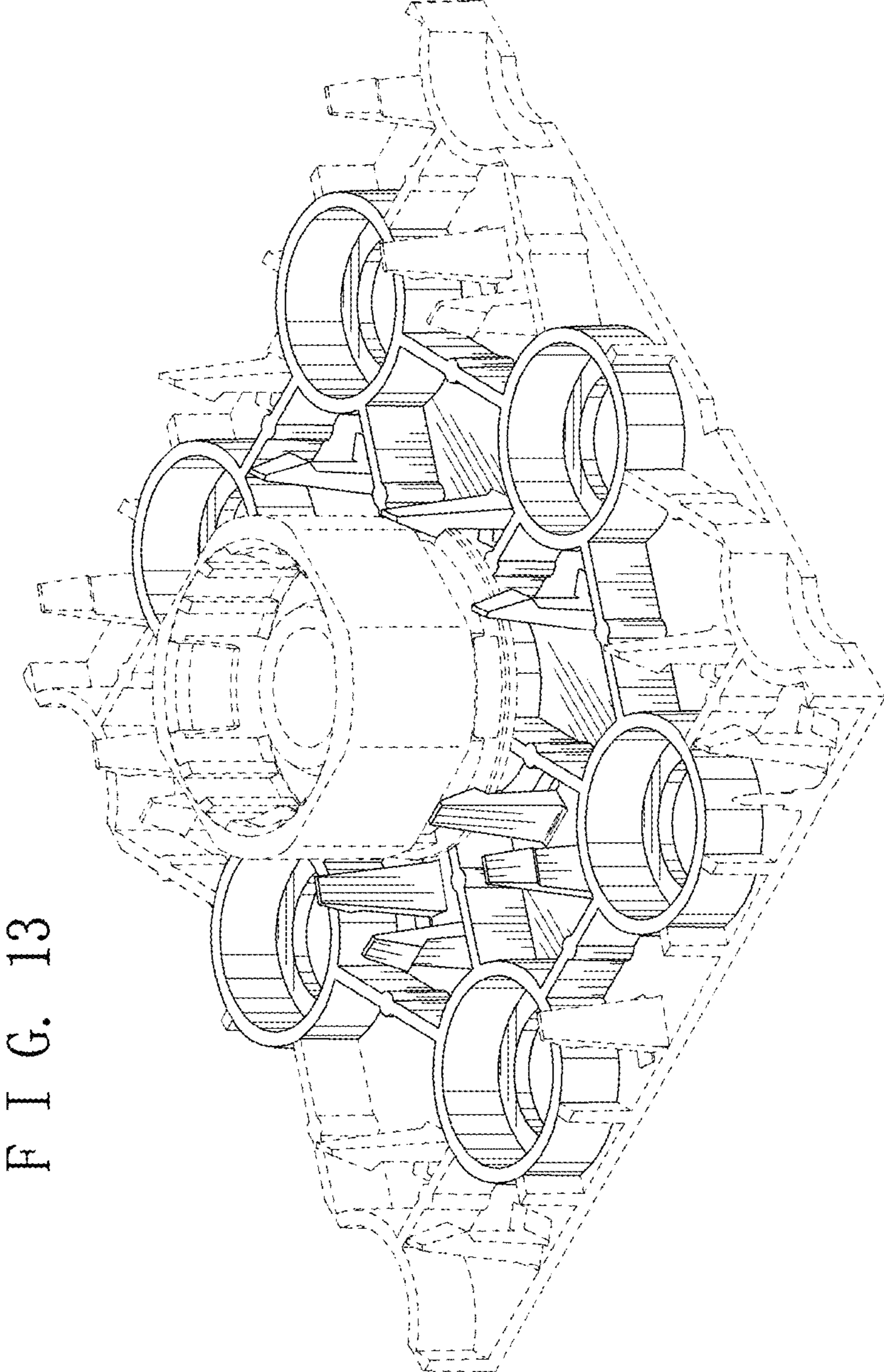


FIG. 13

FIG. 14

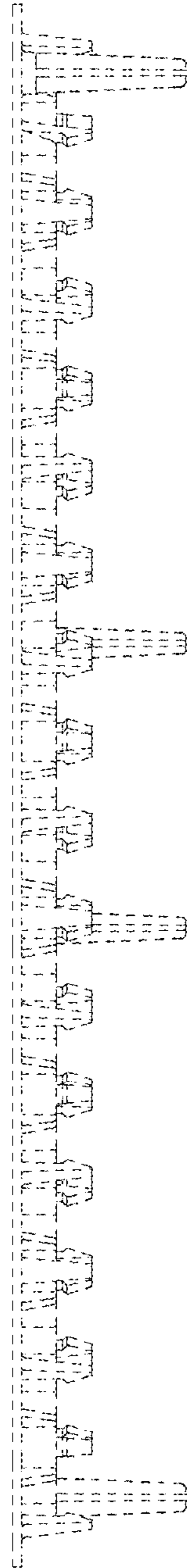
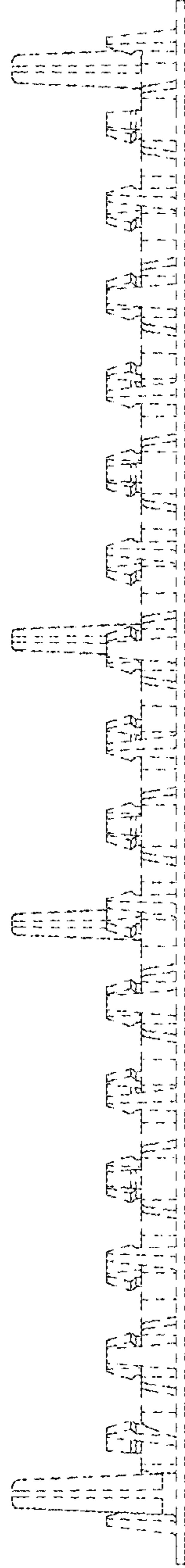


FIG. 15



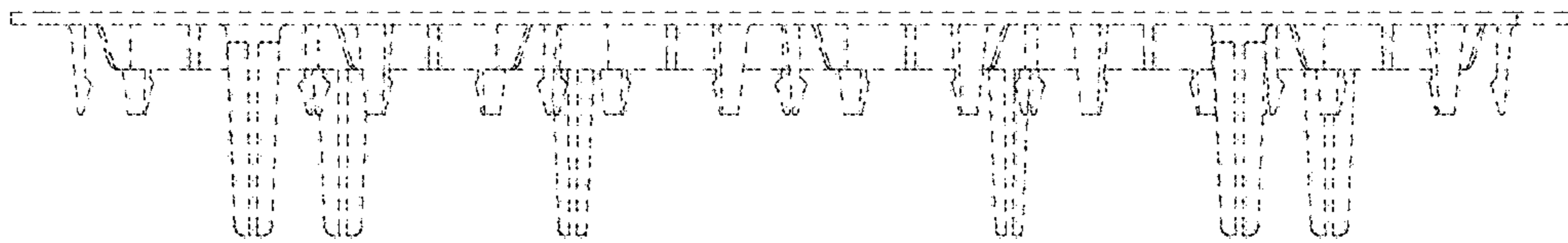


FIG. 16

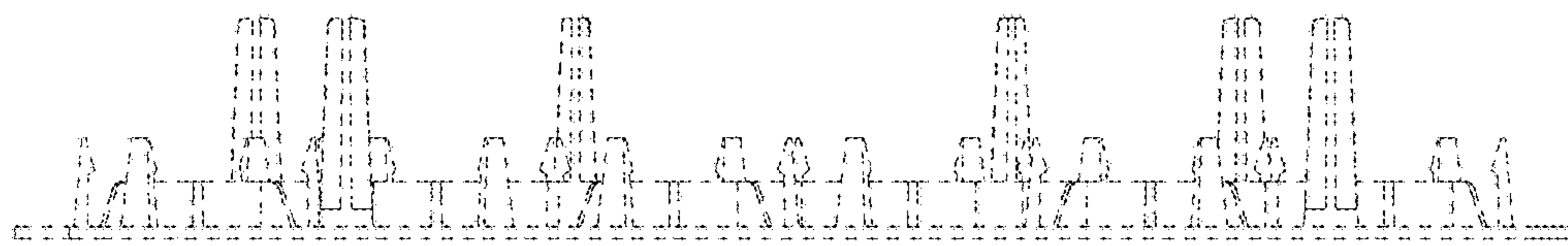


FIG. 17