



US00D867612S

(12) **United States Design Patent** (10) **Patent No.:** **US D867,612 S**
Ohmura et al. (45) **Date of Patent:** **** Nov. 19, 2019**

(54) **SAMPLE HOLDER FOR IONIZED SAMPLE ANALYSIS**

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

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(30) **Foreign Application Priority Data**

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(51) **LOC (12) Cl.** **24-02**

(52) **U.S. Cl.**
USPC **D24/226; D10/103**

(58) **Field of Classification Search**
USPC D10/81, 103; D24/224, 225, 226, 227,
D24/229, 230

(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

D239,548 S * 4/1976 Schiff D24/225
D290,042 S * 5/1987 Ford D24/225

(Continued)

OTHER PUBLICATIONS

Notice of Allowance dated Jul. 11, 2019 that issued in U.S. Appl.
No. 29/656,981.

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LLP

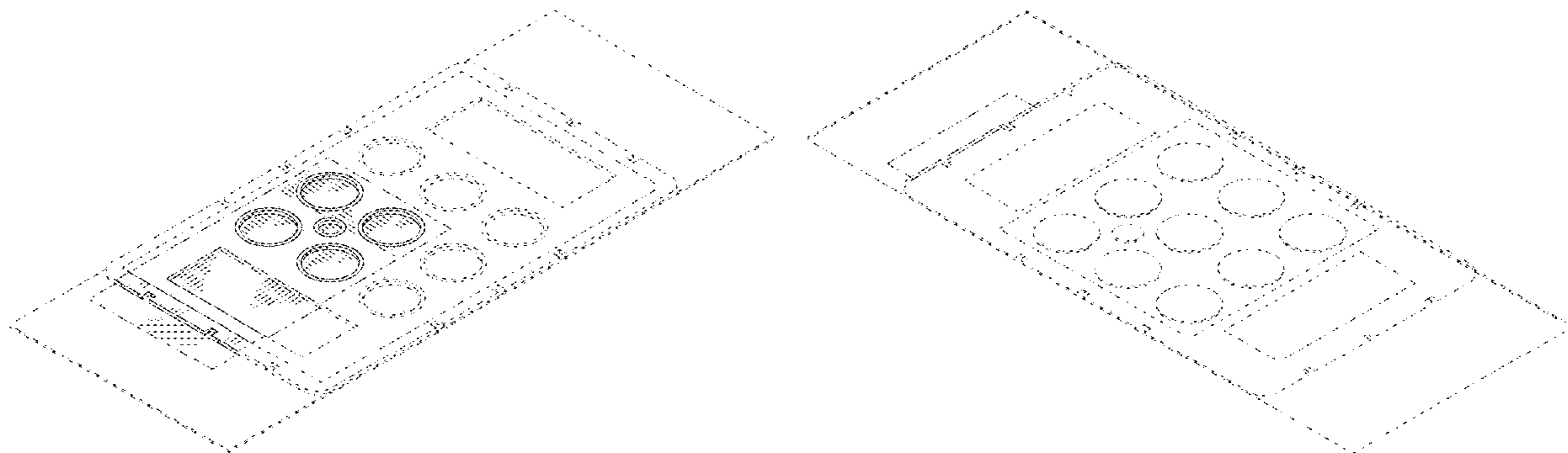
(57) **CLAIM**

The ornamental design for a sample holder for ionized
sample analysis, as shown and described.

DESCRIPTION

FIG. 1 is a front view of a sample holder for ionized sample
analysis of the present invention;
FIG. 2 is a rear view thereof;
FIG. 3 is a top plan view thereof;
FIG. 4 is a bottom plan view thereof;
FIG. 5 is a right side view thereof;
FIG. 6 is a left side view thereof;
FIG. 7 is a front perspective view thereof;
FIG. 8 is a rear perspective view thereof;
FIG. 9 is an enlarged cross-sectional view along the line 9-9
in FIG. 1, in the area designated by 9'-9' in FIG. 1;
FIG. 10 is an enlarged cross-sectional view along the line
10-10 in FIG. 1, in the area designated by 10'-40' in FIG. 1;
FIG. 11 is an enlarged cross-sectional view along the line
11-11 in FIG. 1, in the area designated by 11'-11' in FIG. 1;
FIG. 12 is an enlarged cross-sectional view along the line
12-12 in FIG. 1, in the area designated by 12'-12' in FIG. 1;
FIG. 13 is an enlarged cross-sectional view along the line
13-13 in FIG. 1, in the area designated by 13'-13' in FIG. 1;
and,
FIG. 14 is an enlarged cross-sectional view along the line
14-14 in FIG. 4, in the area designated by 14'-14' in FIG. 1.
The features shown in evenly-dashed broken lines depict
environmental subject matter only and form no part of the
claimed design. The dot-dash broken lines in the drawings
represent the bounds of the claimed subject matter, the
dot-dash broken lines, themselves forming no part thereof.
The portions shown in solid-broken alternated hatching lines
in FIGS. 9 to 14 are transparent.

1 Claim, 14 Drawing Sheets



(58) **Field of Classification Search**

CPC B01L 3/5027; B01L 2300/0809; B01L
2300/0812; B01L 2300/0816; B01L
2300/0819; B01L 2300/0822; B01L
2300/0825; B01L 2300/0829; G01N
27/62; H01J 49/0418

See application file for complete search history.

9,034,634 B2 5/2015 Miller
D733,313 S 6/2015 Kouge et al.
D733,912 S 7/2015 Ito et al.
D787,356 S * 5/2017 Johnston D10/103
D800,336 S 10/2017 Chang et al.
D806,892 S 1/2018 Walden, II et al.
D827,857 S 9/2018 Buschtez
D838,001 S 1/2019 Ito et al.
D840,049 S 2/2019 Schulz et al.
D841,183 S 2/2019 Walden, II et al.
D843,013 S 3/2019 Ito et al.
D854,184 S 7/2019 Ito et al.
D855,203 S 7/2019 Katsumata et al.
D855,206 S 7/2019 Ito et al.
D855,207 S 7/2019 Ito et al.
D855,208 S 7/2019 Ito et al.
D855,209 S 7/2019 Ito et al.
D855,210 S 7/2019 Ito et al.
2015/0330776 A1 11/2015 Hayashi et al.
2016/0175840 A1 6/2016 Ingber et al.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,425,451 A 6/1995 Blase
D376,685 S 12/1996 Weller et al.
D418,228 S 12/1999 Fisch
D431,300 S 9/2000 Fisch
D431,301 S 9/2000 Fisch
D510,883 S * 10/2005 George D10/81
7,217,520 B2 * 5/2007 Tsinberg B01D 61/18
422/68.1
D702,364 S 4/2014 Iqbal et al.

* cited by examiner

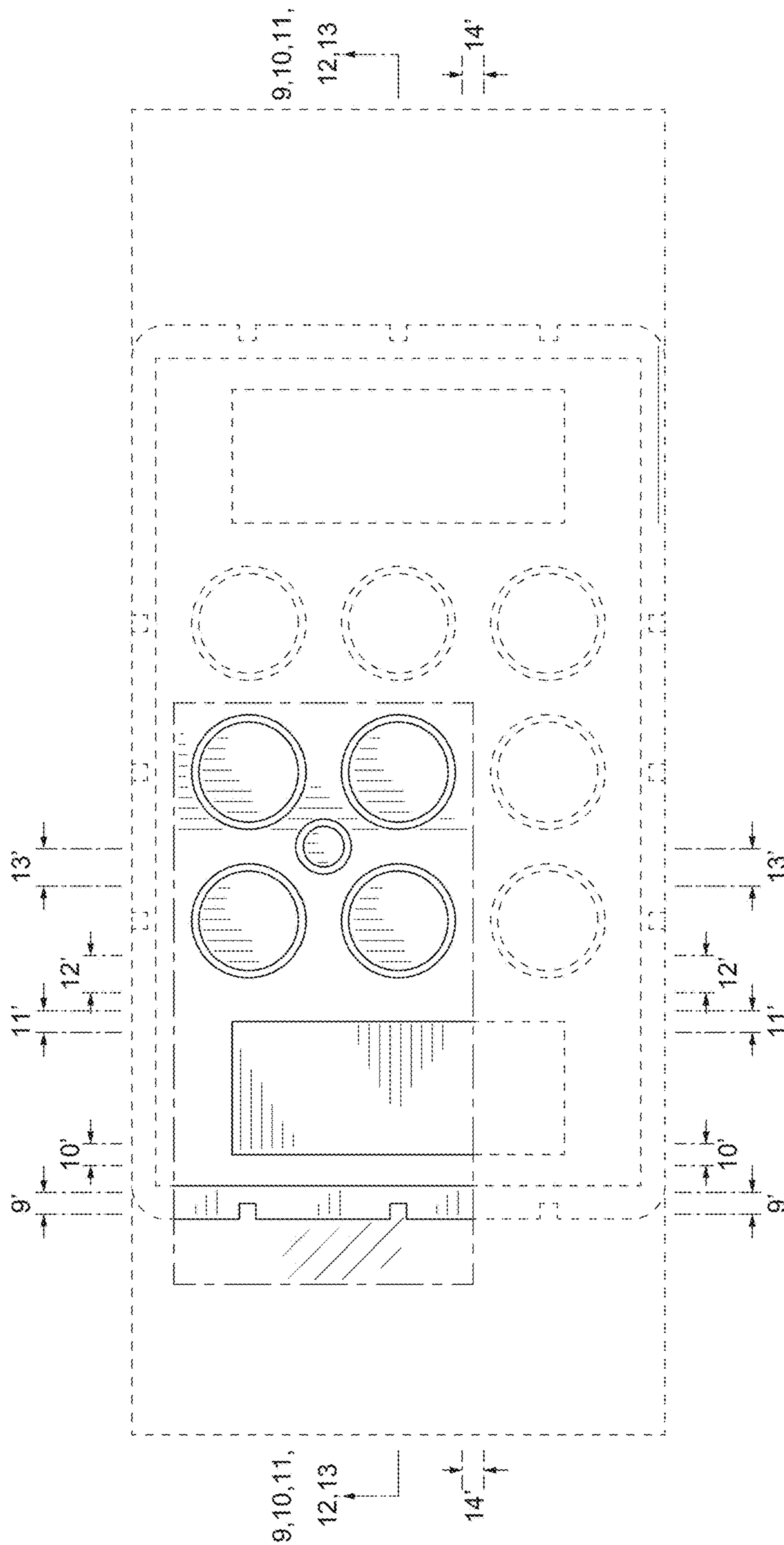


FIG. 1

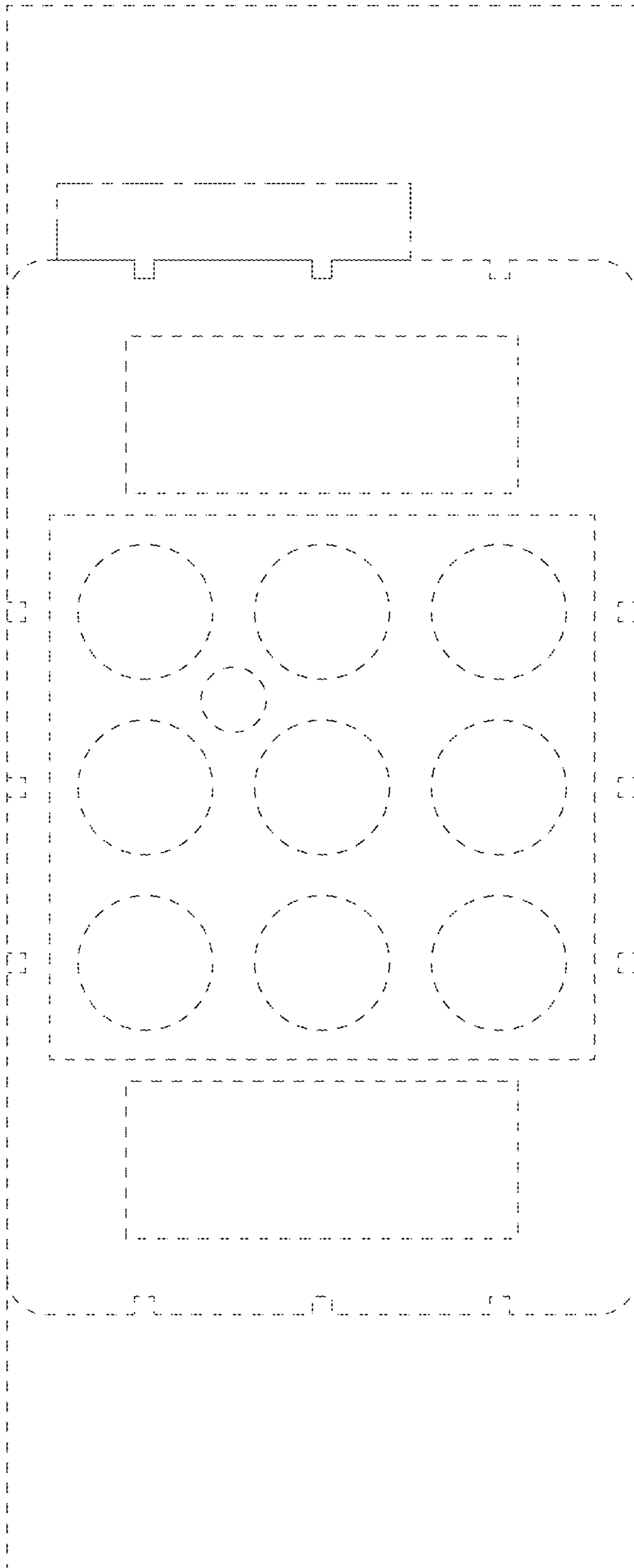


FIG. 2

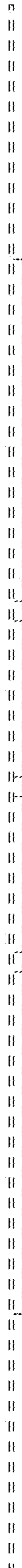


FIG. 3

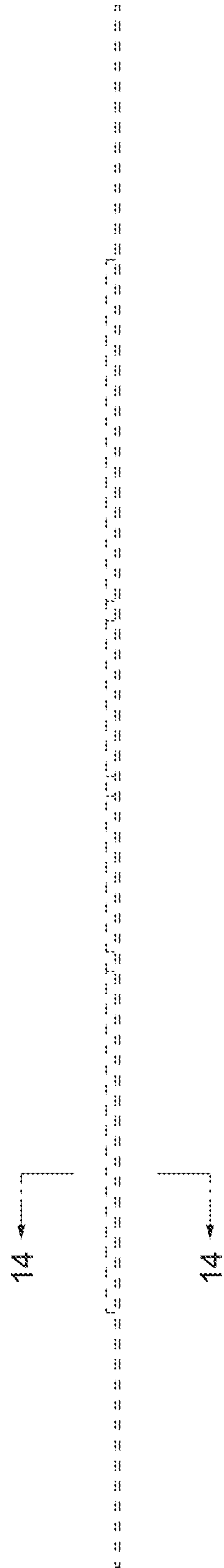


FIG. 4

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FIG. 5

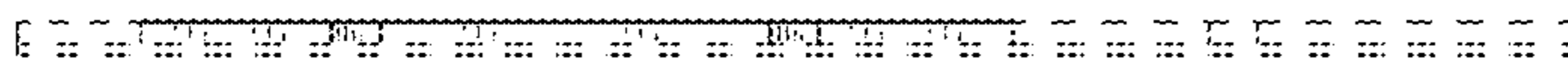


FIG. 6

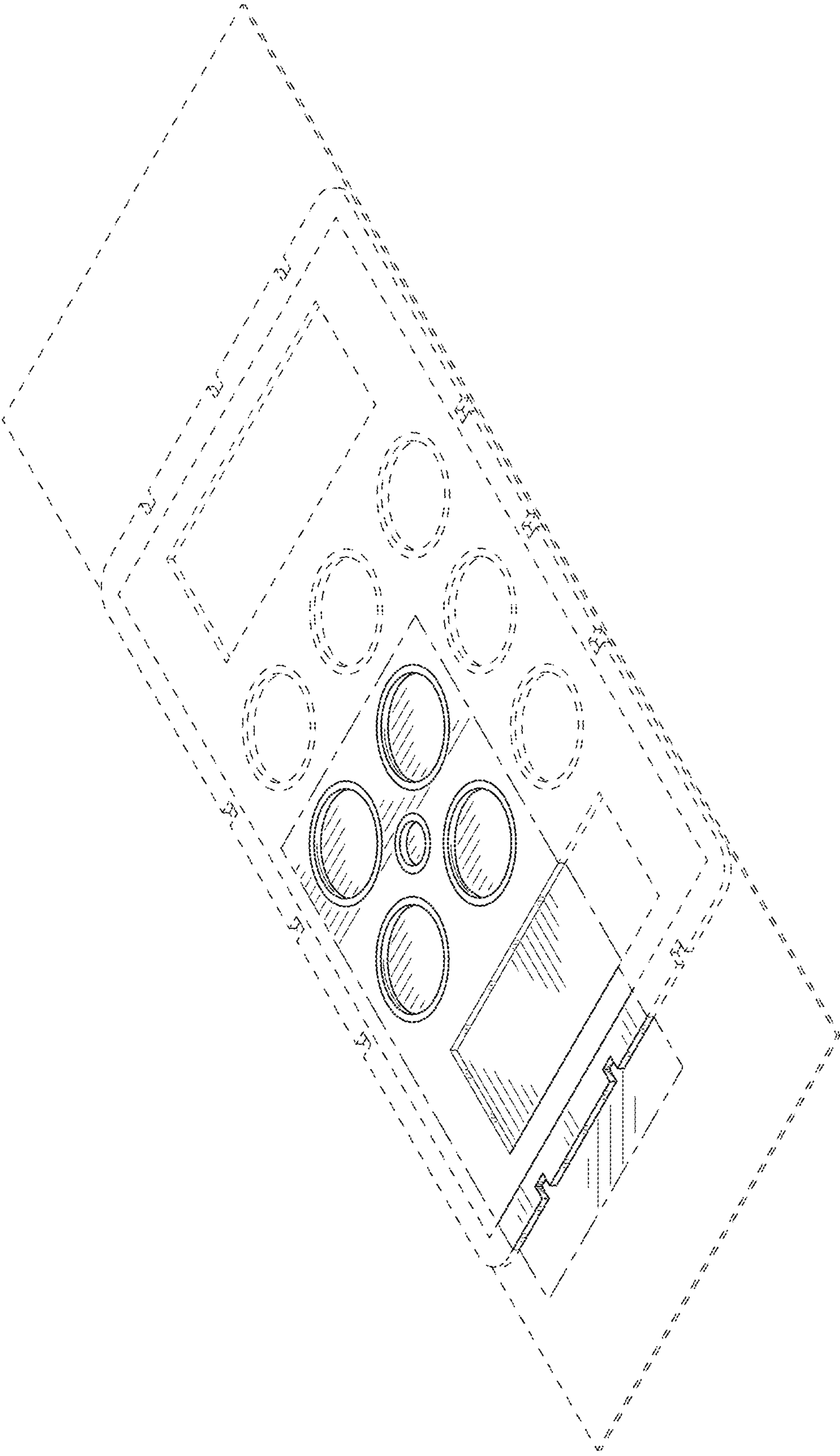


FIG. 7

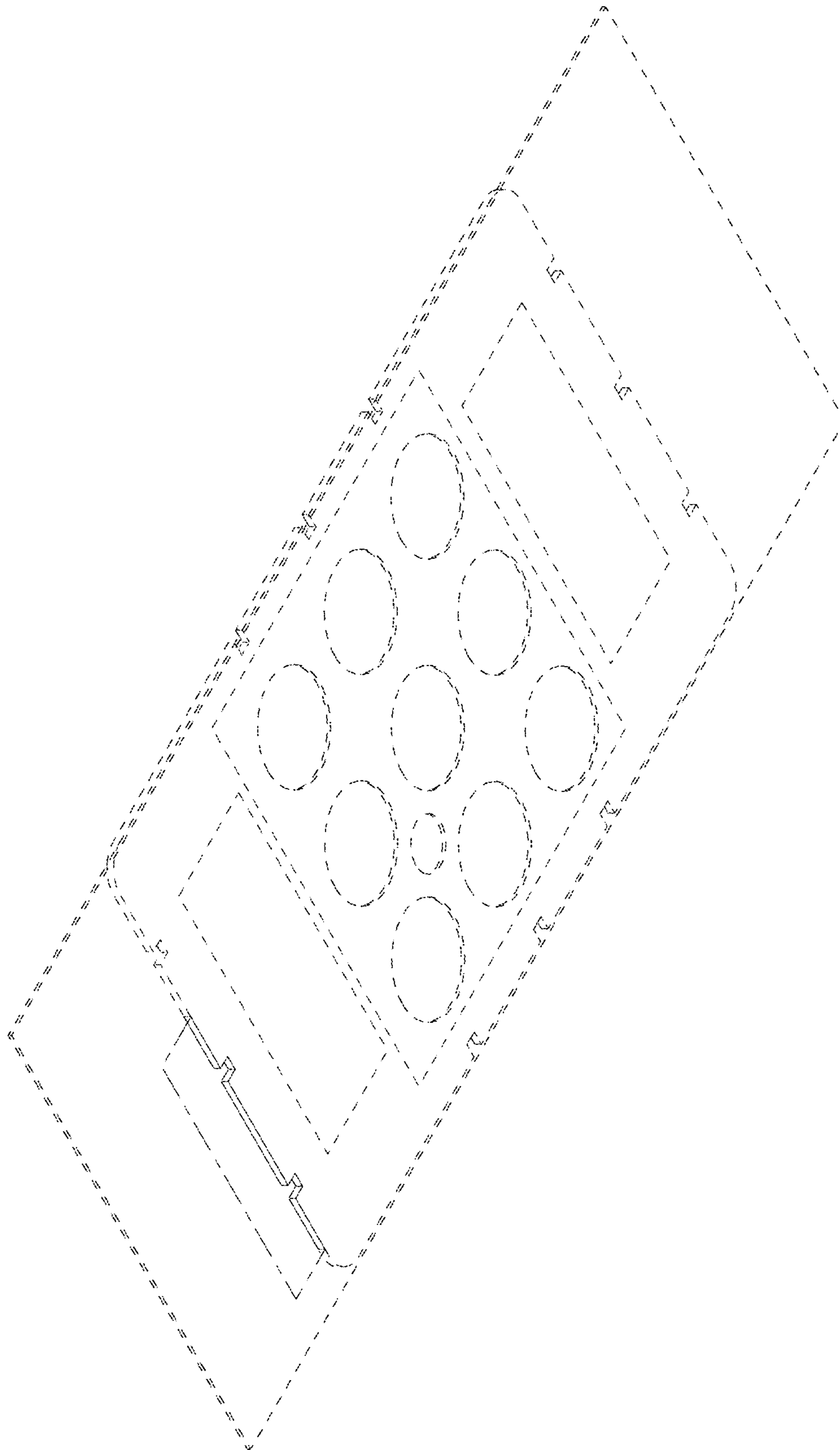


FIG. 8

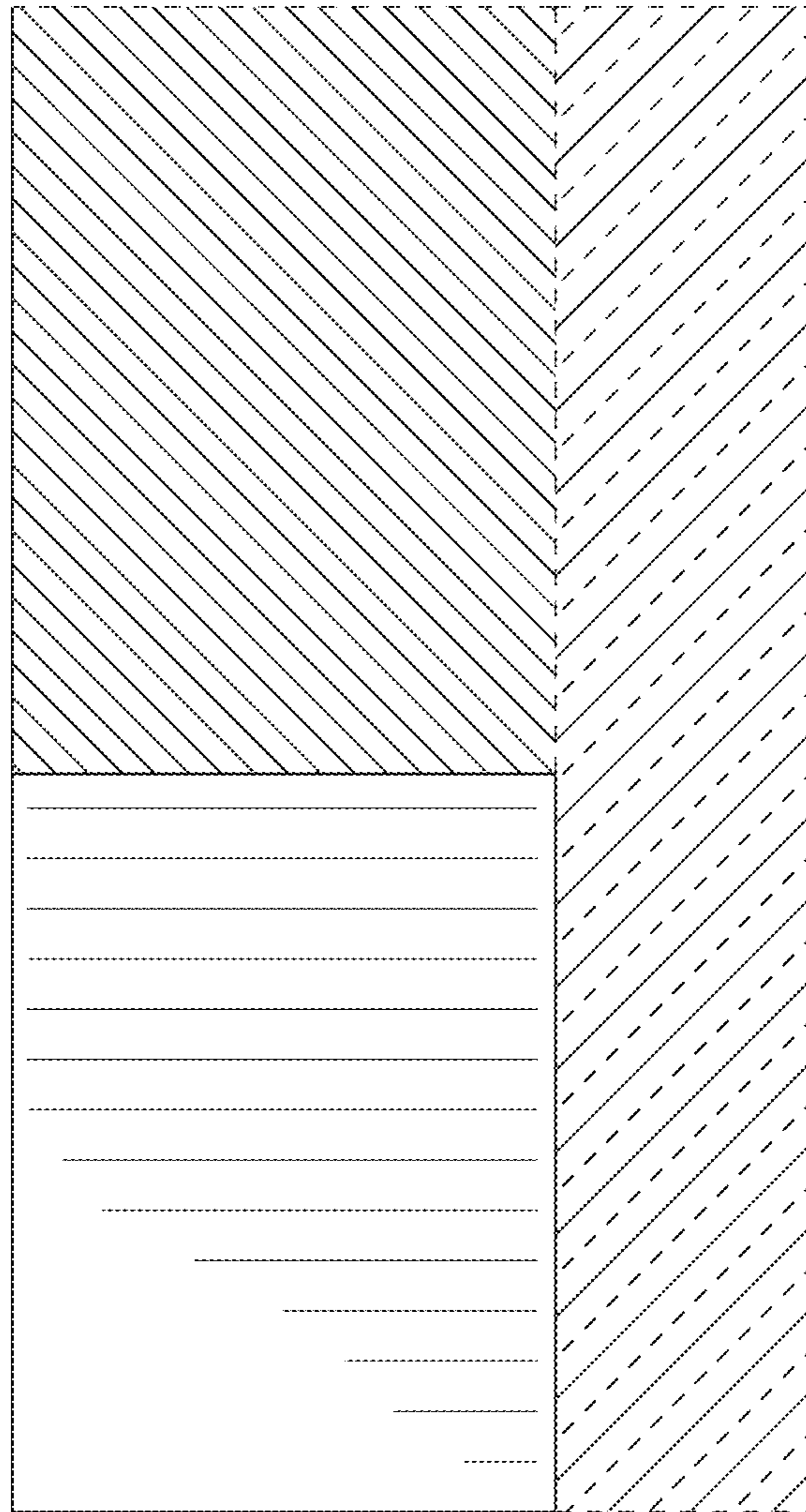


FIG. 9

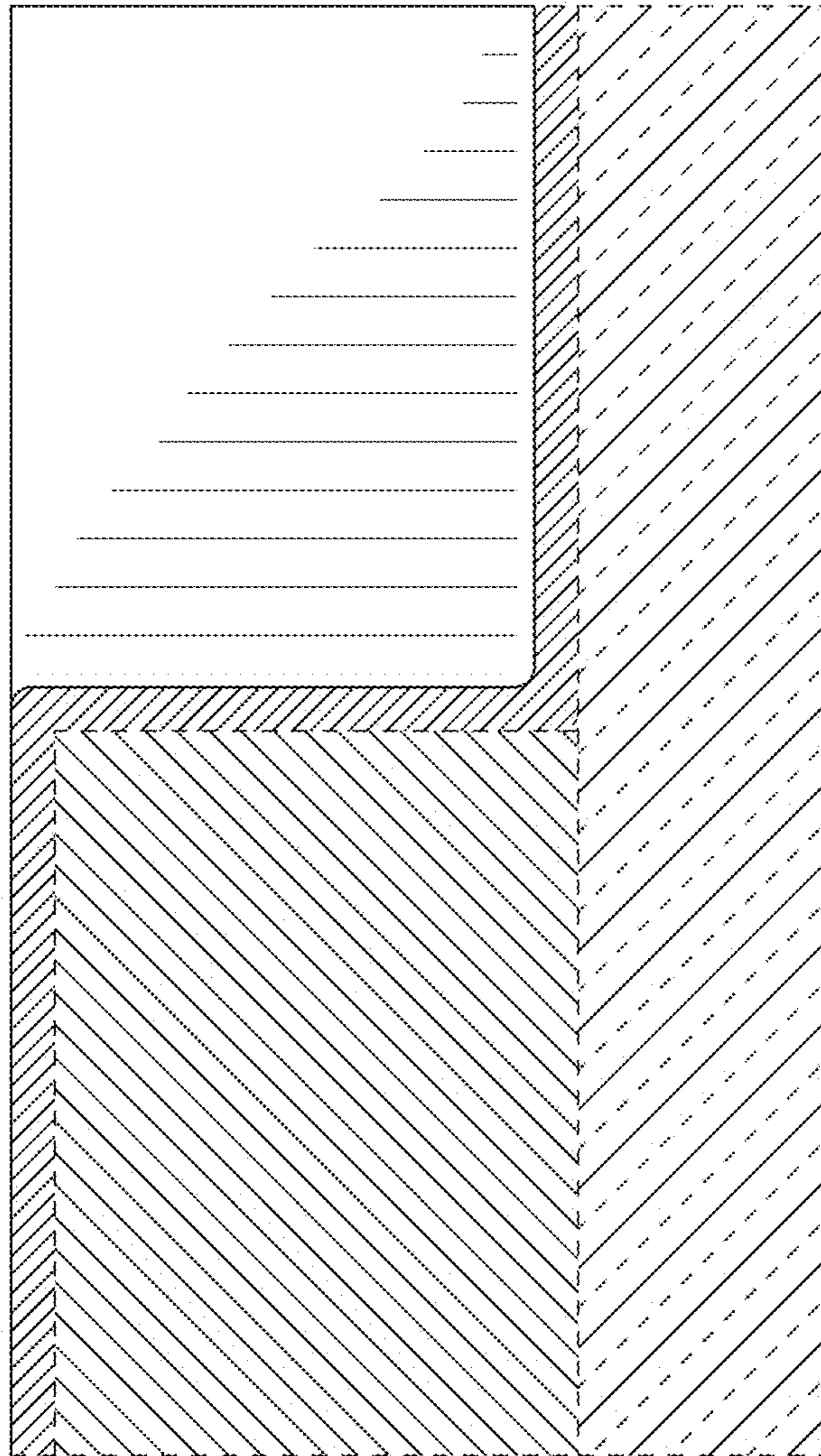


FIG. 10

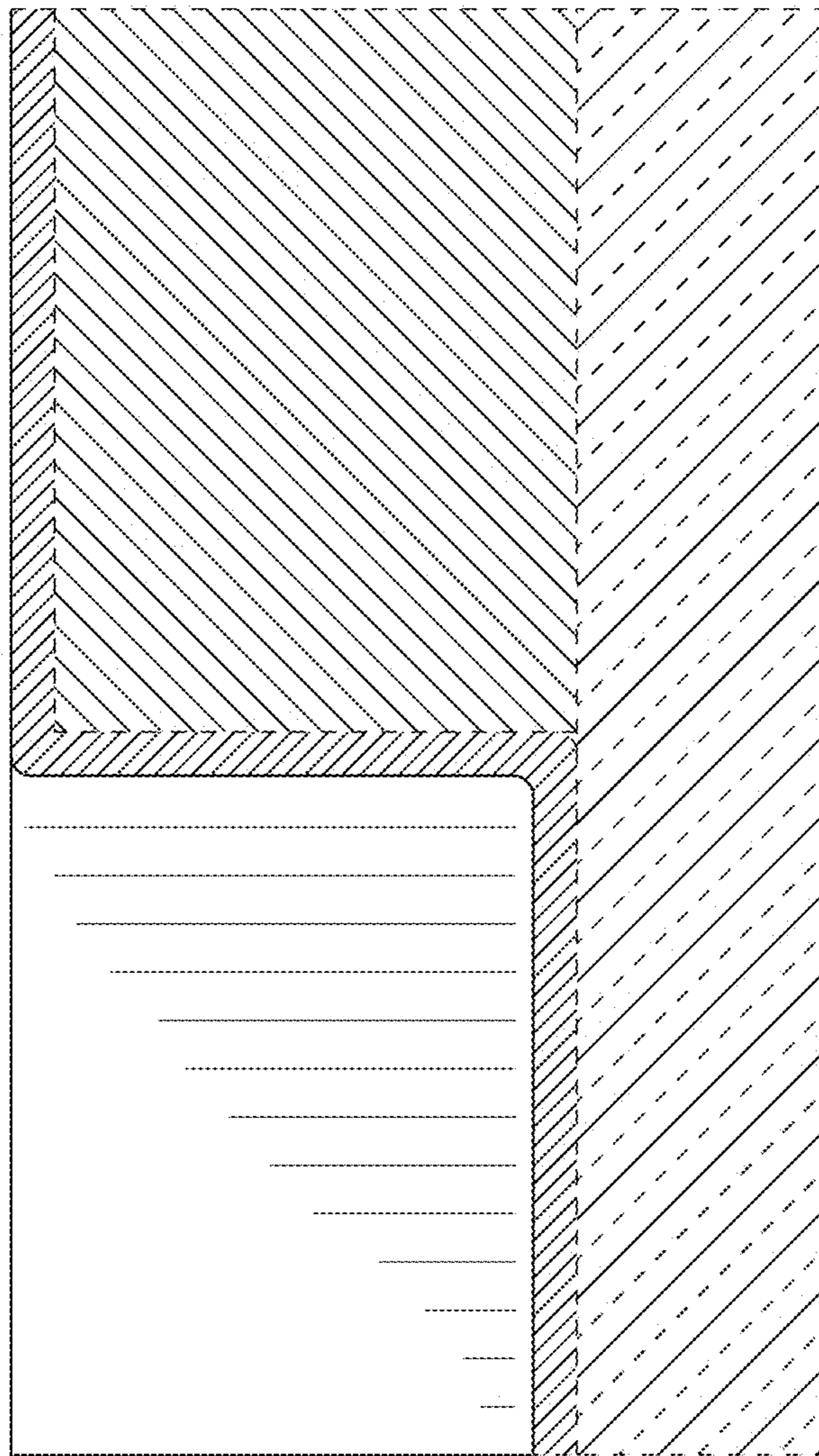


FIG. 11

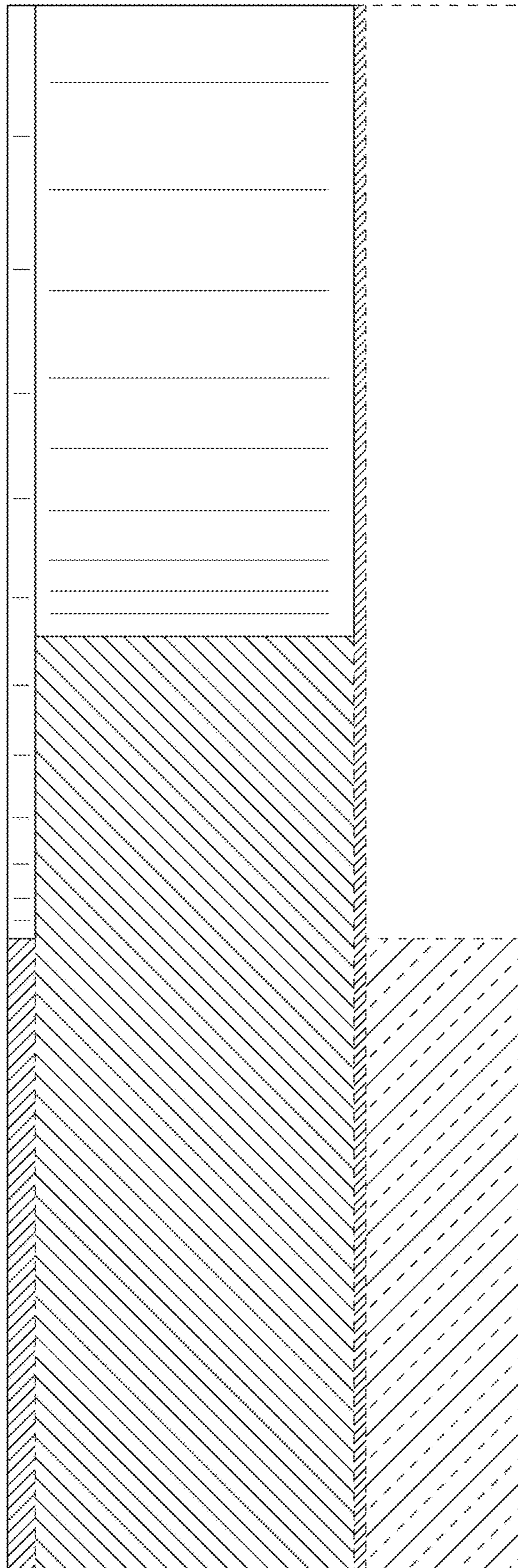


FIG. 12

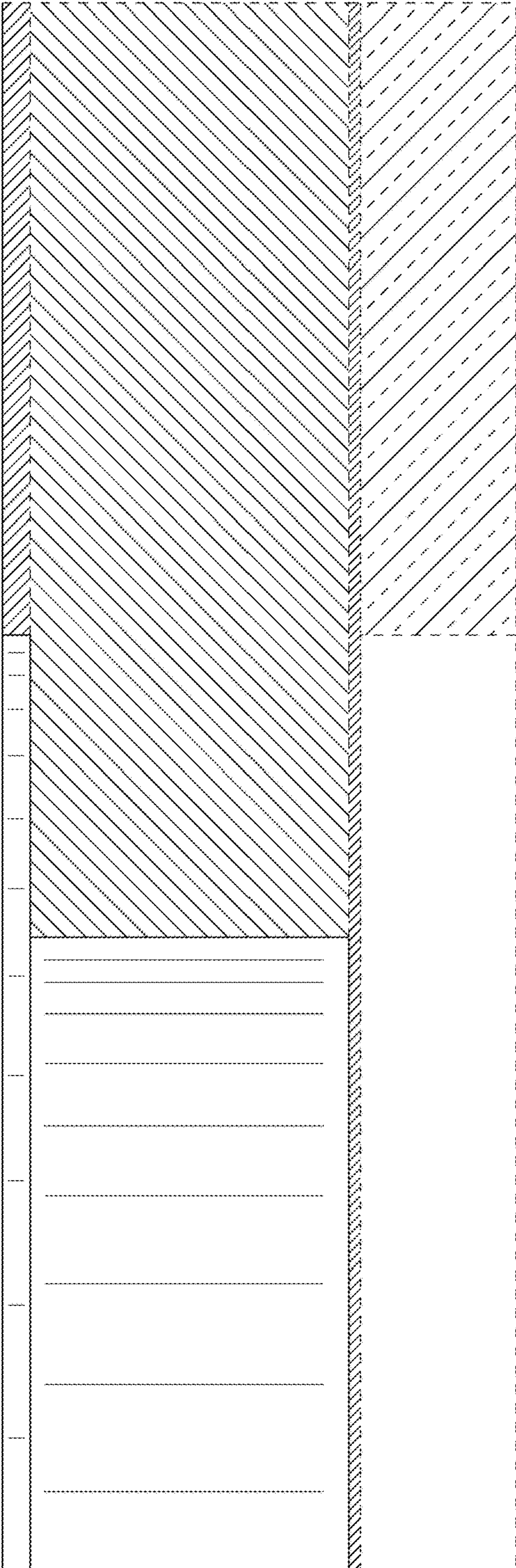


FIG. 13

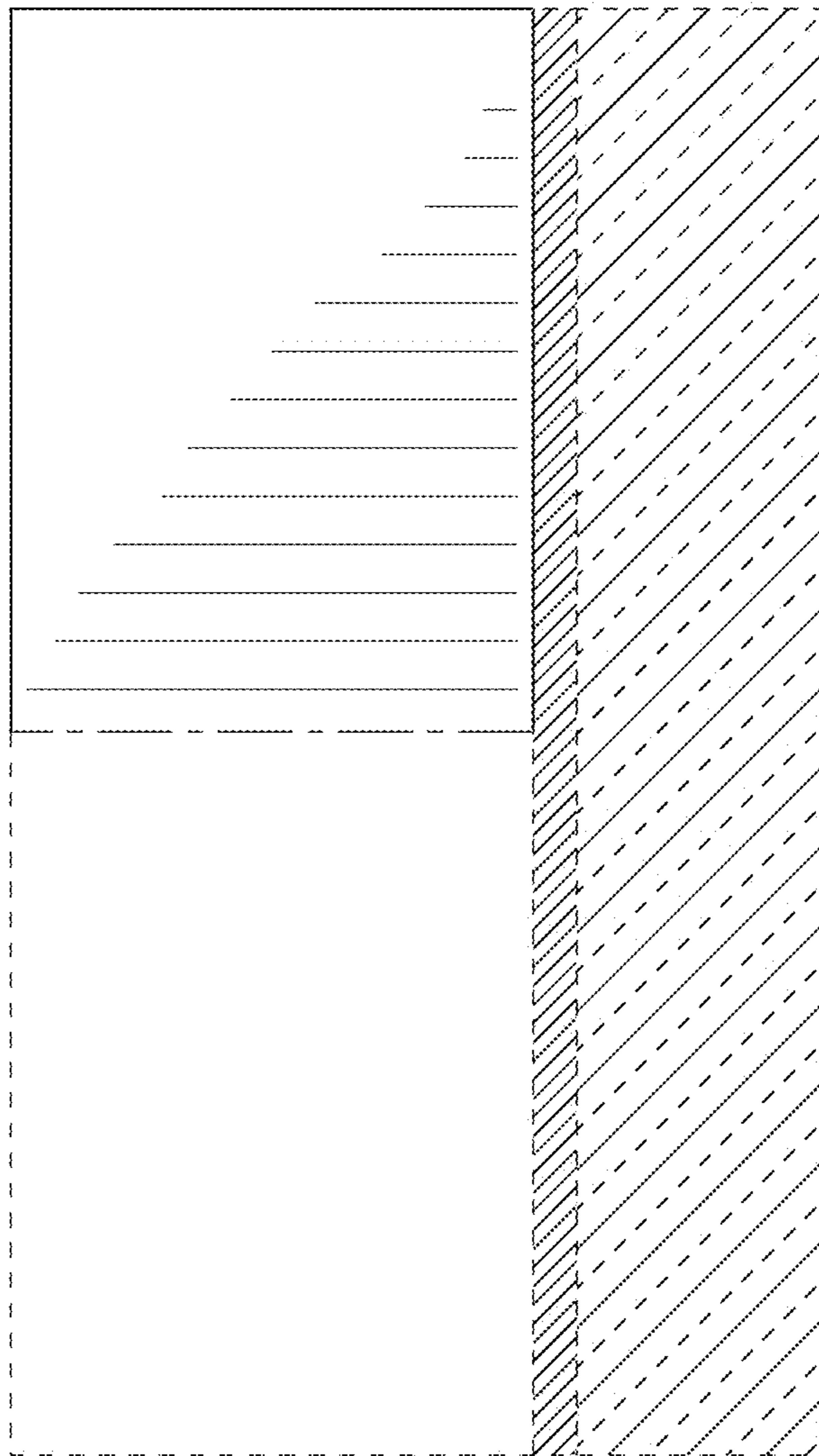


FIG. 14