



(12) **United States Design Patent**
Kouketsu et al.

(10) **Patent No.:** **US D736,901 S**
(45) **Date of Patent:** **** Aug. 18, 2015**

(54) **VAPORIZATION DEVICE FOR A VAPORIZATION UNIT OF A LIQUID CONTROL APPARATUS**

(57) **CLAIM**
The ornamental design for a vaporization device for a vaporization unit of a liquid control apparatus, as shown and described.

(71) Applicant: **CKD CORPORATION**, Aichi (JP)

DESCRIPTION

(72) Inventors: **Masayuki Kouketsu**, Tokyo (JP); **Hiroshi Itafuji**, Komaki (JP); **Masayo Okada**, Kasugai (JP)

FIG. 1 is a perspective view of a vaporization device for a vaporization unit of a liquid control apparatus showing our new design;

(73) Assignee: **CKD Corporation**, Aichi (JP)

FIG. 2 is a front view thereof;

(**) Term: **14 Years**

FIG. 3 is a rear view thereof;

(21) Appl. No.: **29/441,792**

FIG. 4 is a top plan view thereof;

(22) Filed: **Jan. 9, 2013**

FIG. 5 is a cross-sectional view taken along line 5-5 in FIG. 2; FIG. 6 is an enlarged view of the portion indicated by line 6-6 in FIG. 2;

(30) **Foreign Application Priority Data**

FIG. 7 is an enlarged view of the portion indicated by line 7-7 in FIG. 2;

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FIG. 8 is an enlarged view of the portion indicated by line 8-8 in FIG. 3;

(51) **LOC (10) Cl.** **23-04**

FIG. 9 is an enlarged view of the portion indicated by line 9-9 in FIG. 3;

(52) **U.S. Cl.**
USPC **D23/360**

FIG. 10 is an enlarged view of the portion indicated by line 10-10 in FIG. 6;

(58) **Field of Classification Search**
USPC D23/355, 359, 360, 364, 365, 386, 392, D23/393, 401; D6/663, 667, 675; D5/1-3
CPC A47C 1/02; A47C 7/24; A47C 17/00; A47C 17/02; A47C 17/04; A47C 17/045; A47C 17/12; A47C 17/132; A47C 17/136
See application file for complete search history.

FIG. 11 is an enlarged view of the portion indicated by line 11-11 in FIG. 6;

(56) **References Cited**

FIG. 12 is an enlarged view of the portion indicated by line 12-12 in FIG. 7;

U.S. PATENT DOCUMENTS

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FIG. 13 is an enlarged view of the portion indicated by line 13-13 in FIG. 7;

(Continued)

FIG. 14 is an enlarged view of the portion indicated by line 14-14 in FIG. 8;

Primary Examiner — Sandra Snapp

FIG. 15 is an enlarged view of the portion indicated by line 15-15 in FIG. 8;

(74) *Attorney, Agent, or Firm* — Patterson Thuent Pedersen, P.A.

FIG. 16 is an enlarged view of the portion indicated by line 16-16 in FIG. 9;

1 Claim, 18 Drawing Sheets

FIG. 17 is an enlarged view of the portion indicated by line 17-17 in FIG. 9; and,

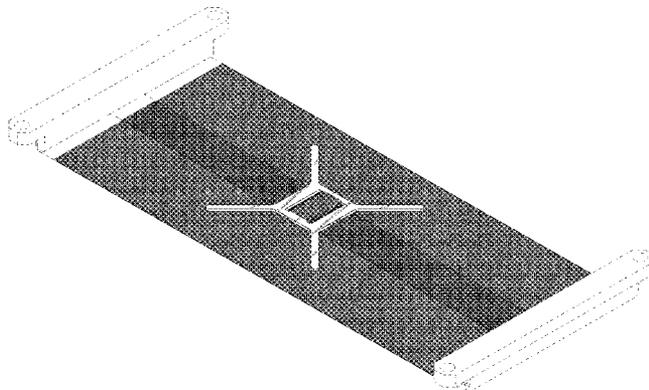


FIG. 18 is a referential view depicting the article with surrounding environmental structure.

The features shown in broken lines in the drawings depict environmental subject matter only and form no part of the claimed design.

(56)

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FIG. 1

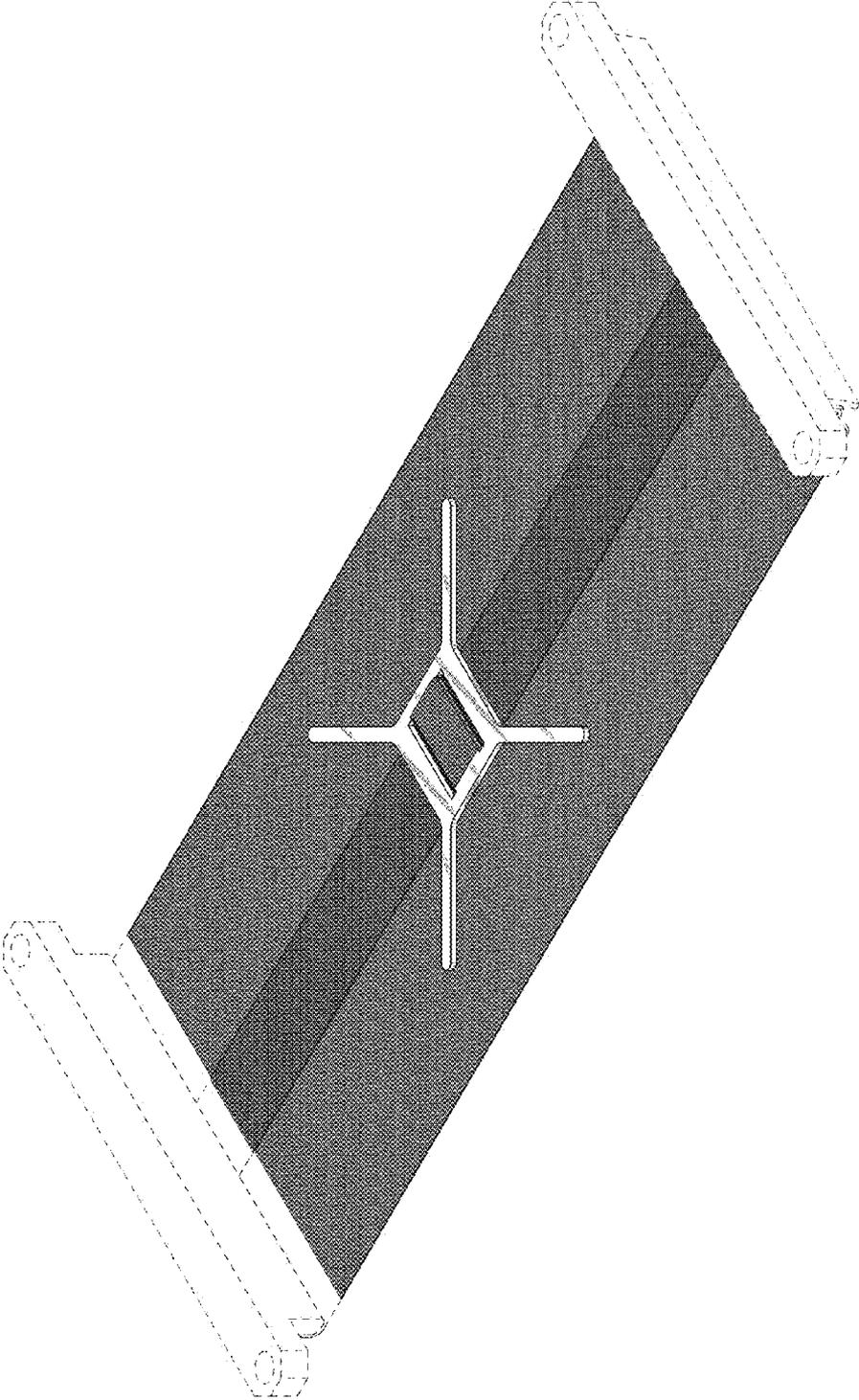


FIG. 2

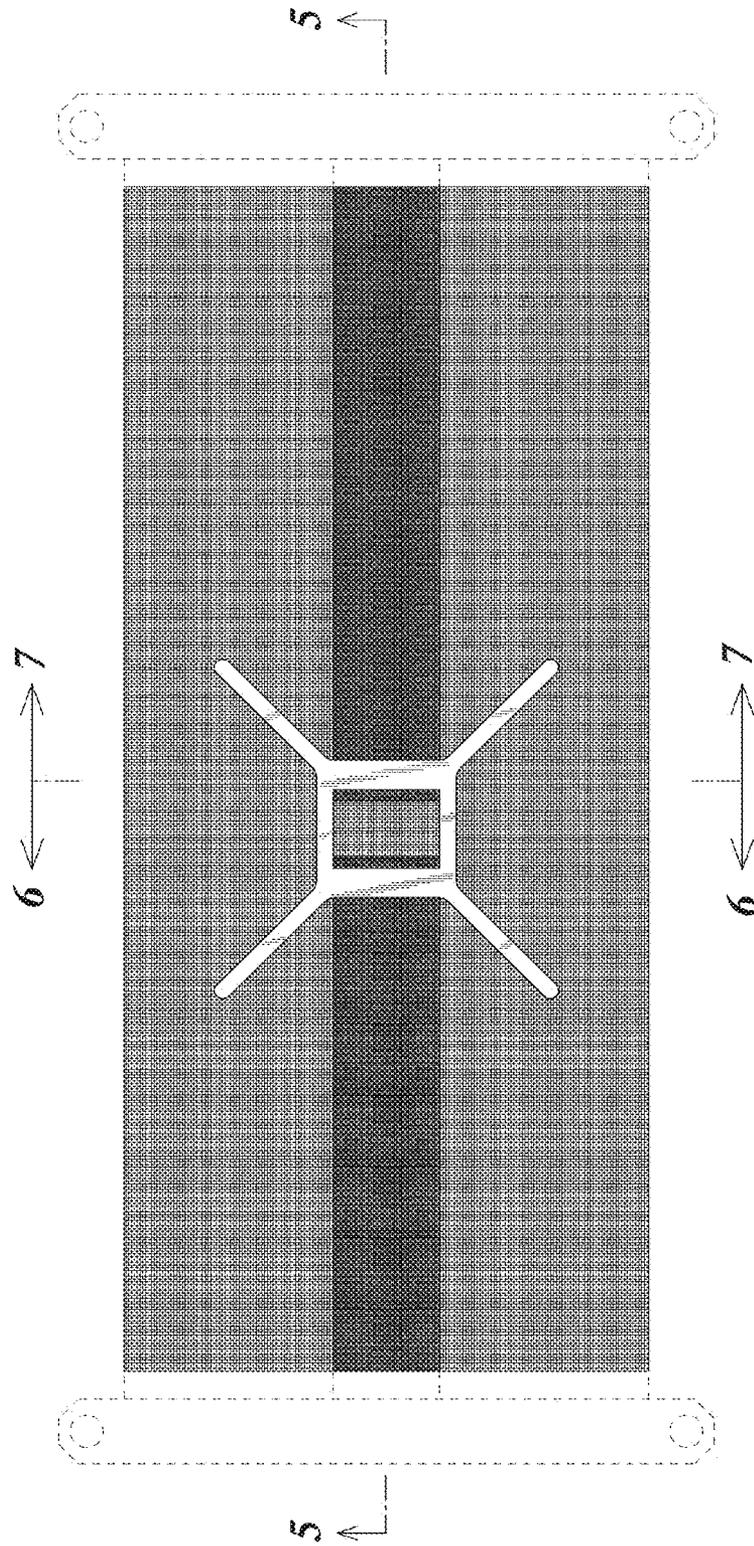


FIG. 3

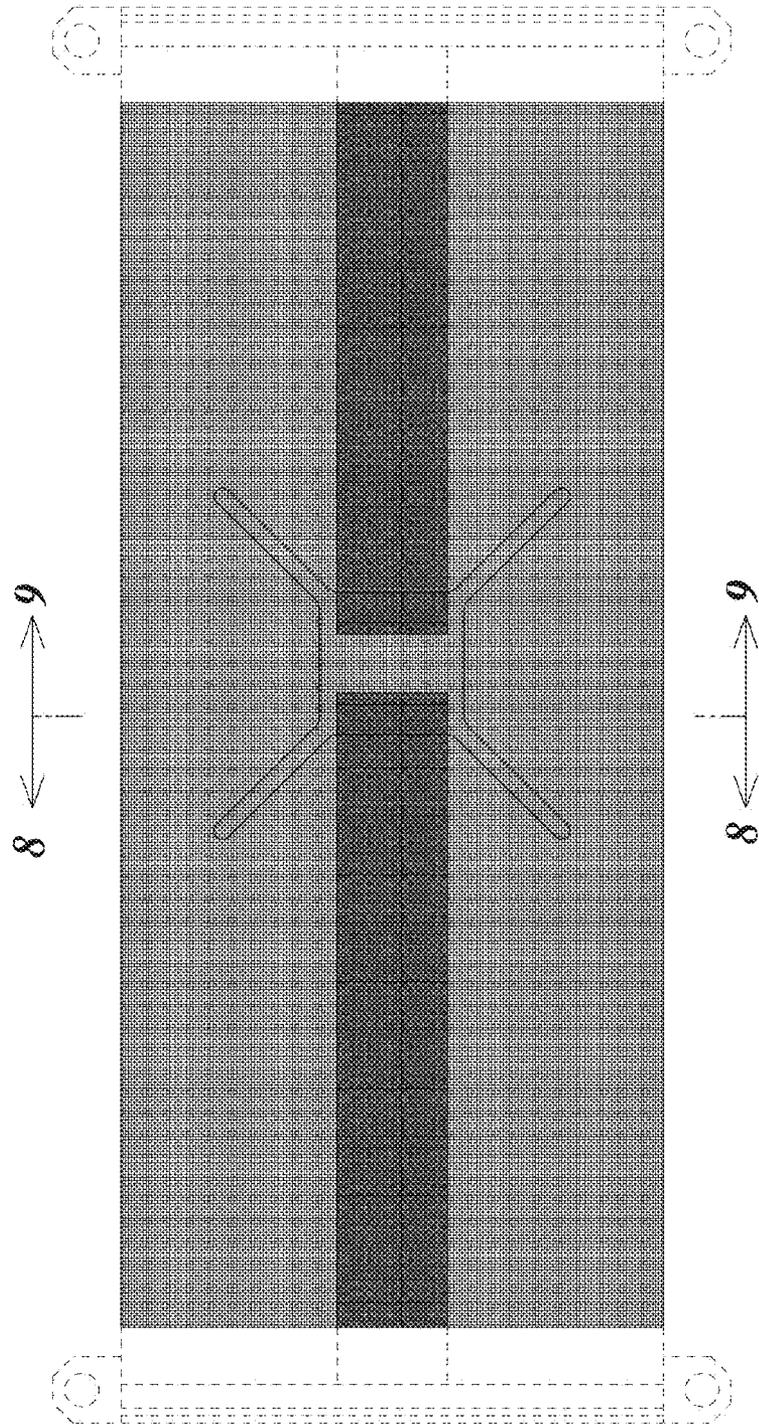


FIG. 4

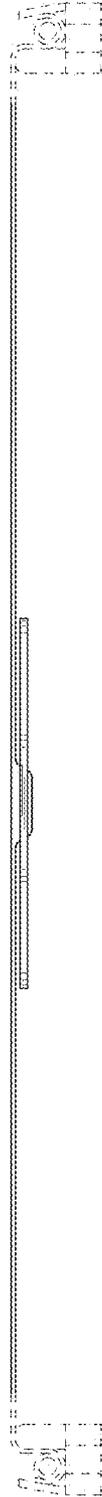


FIG. 5



FIG. 6

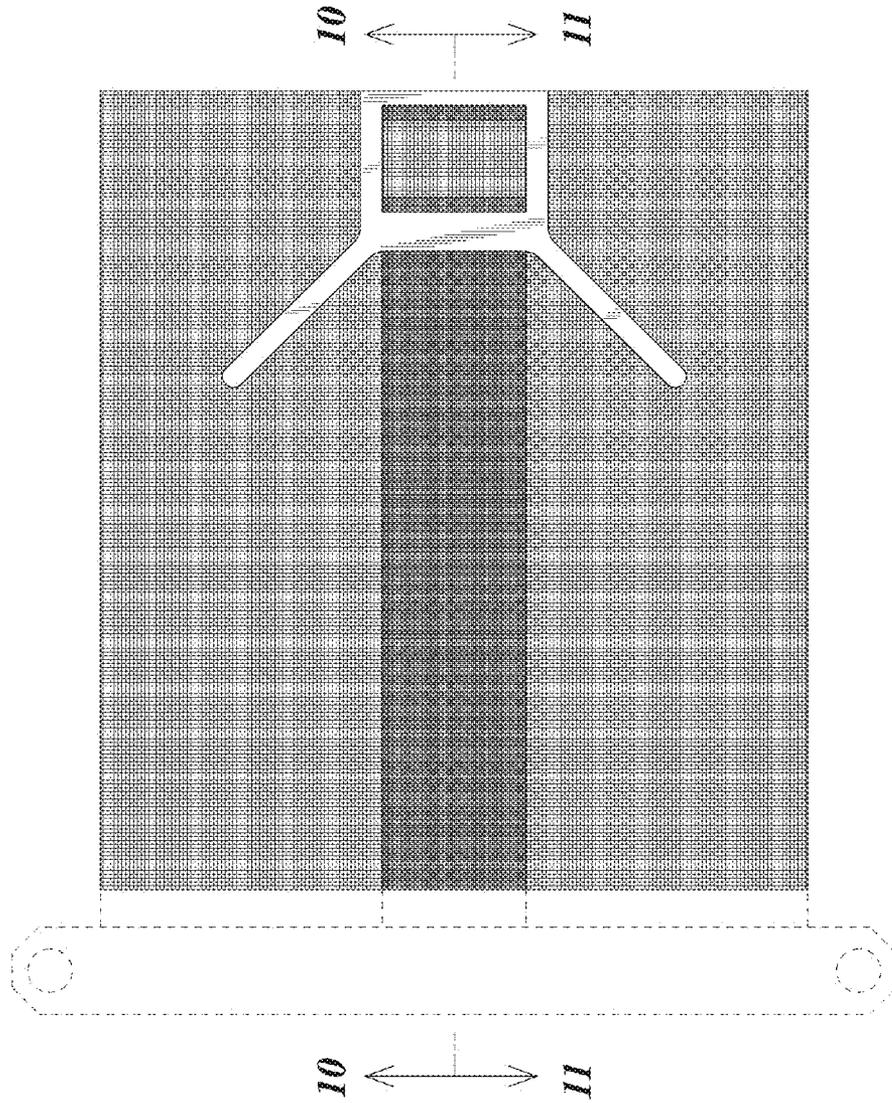


FIG. 7

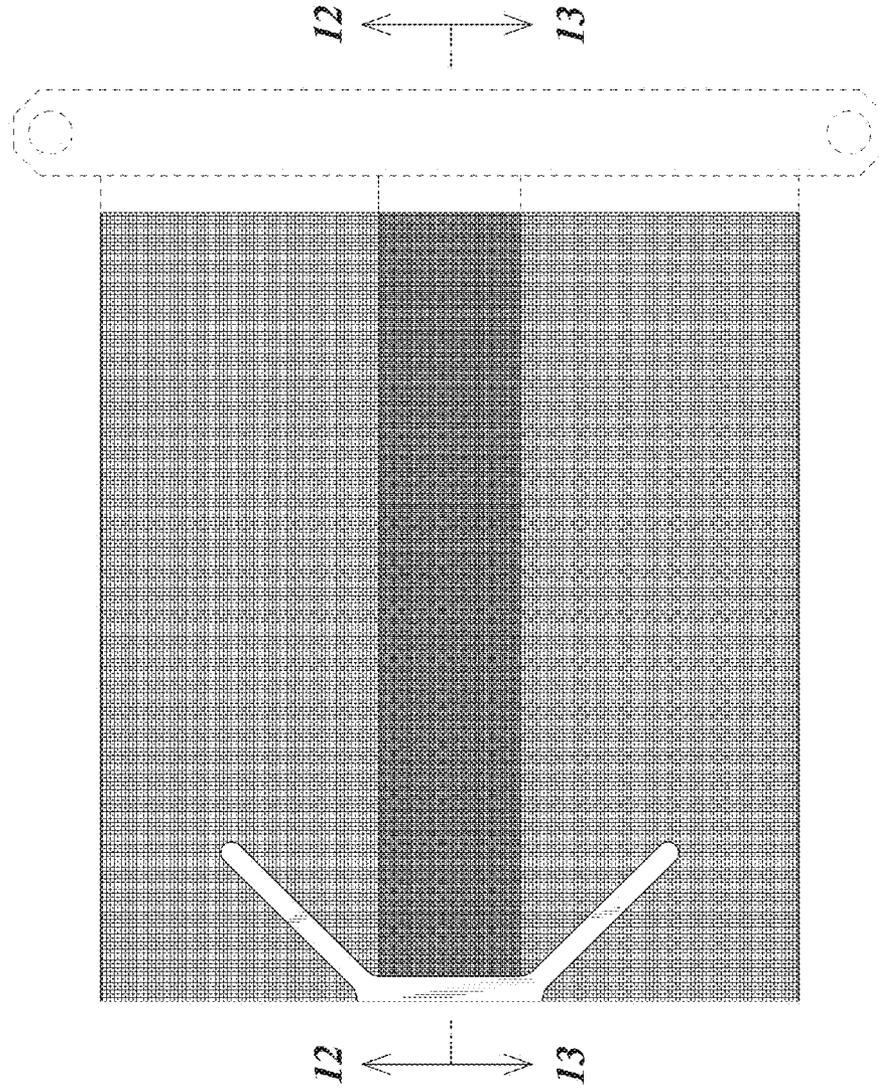


FIG. 8

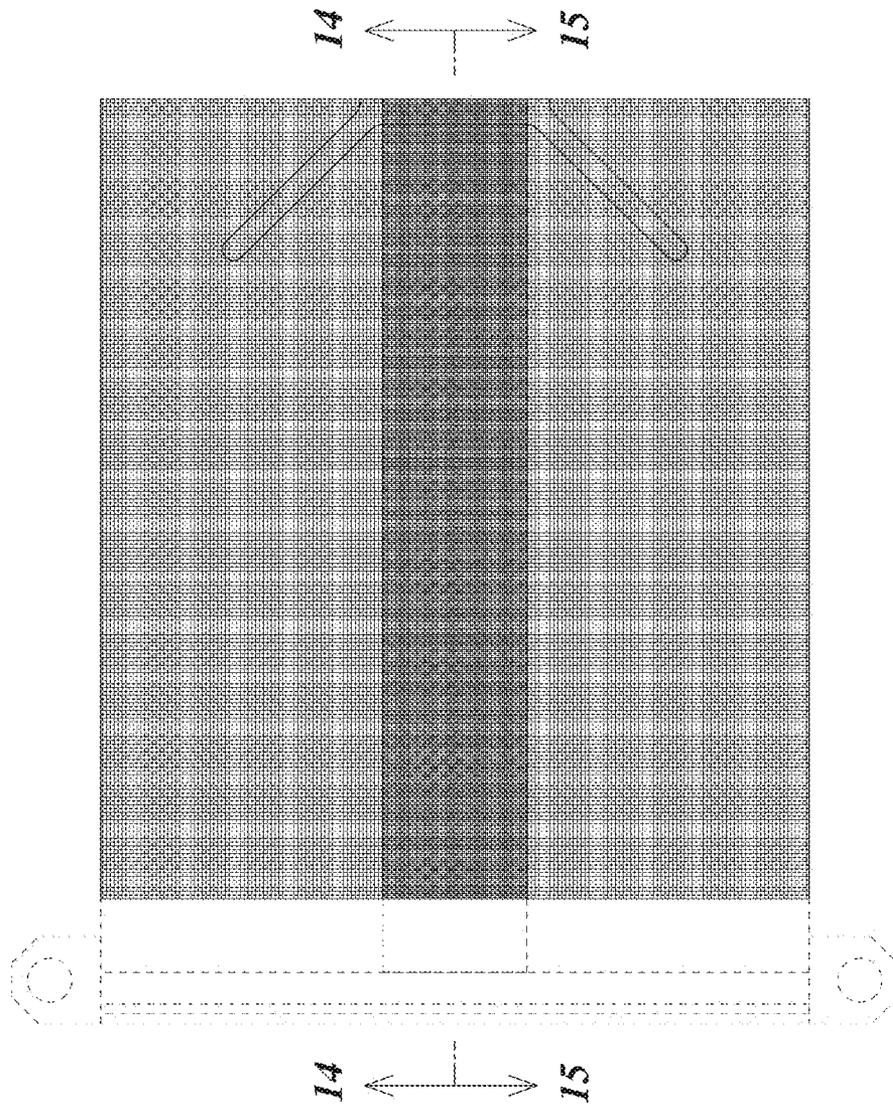


FIG. 9

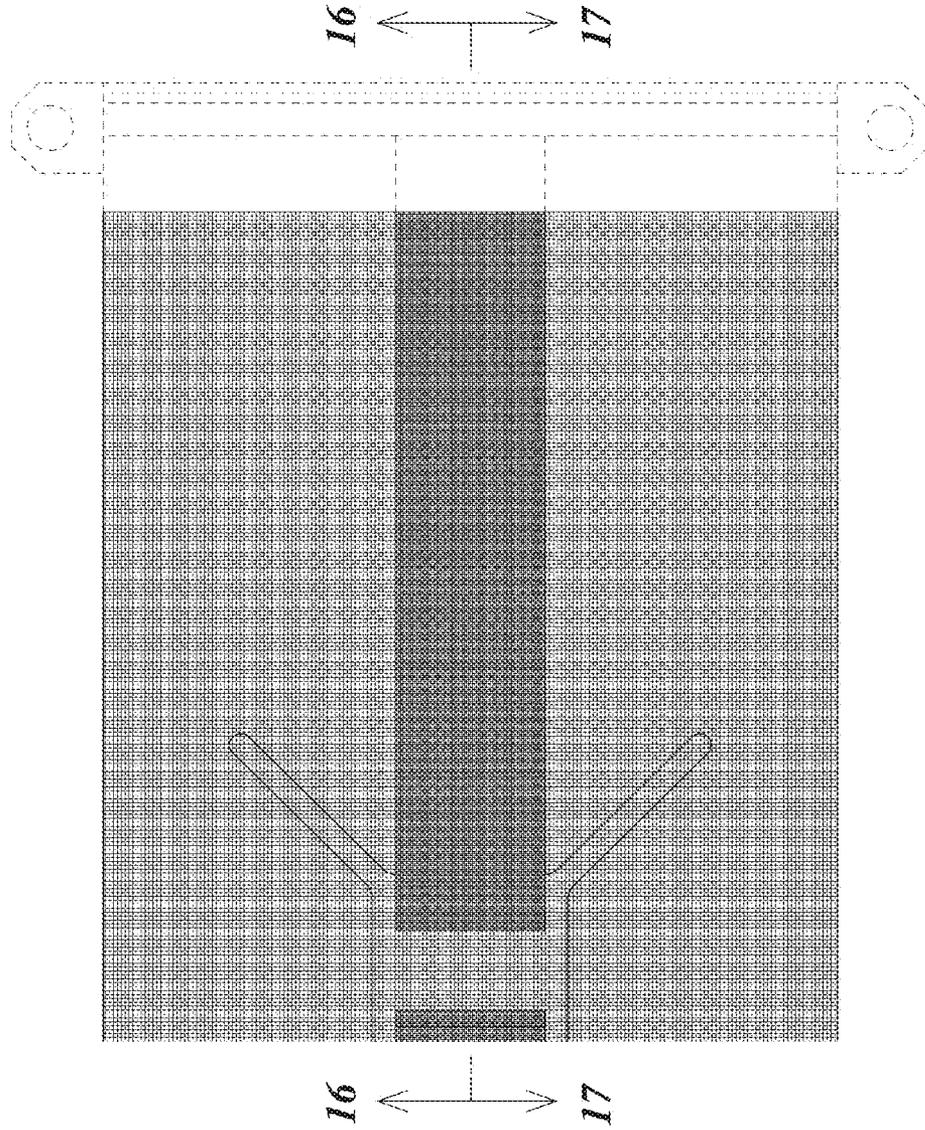


FIG. 10

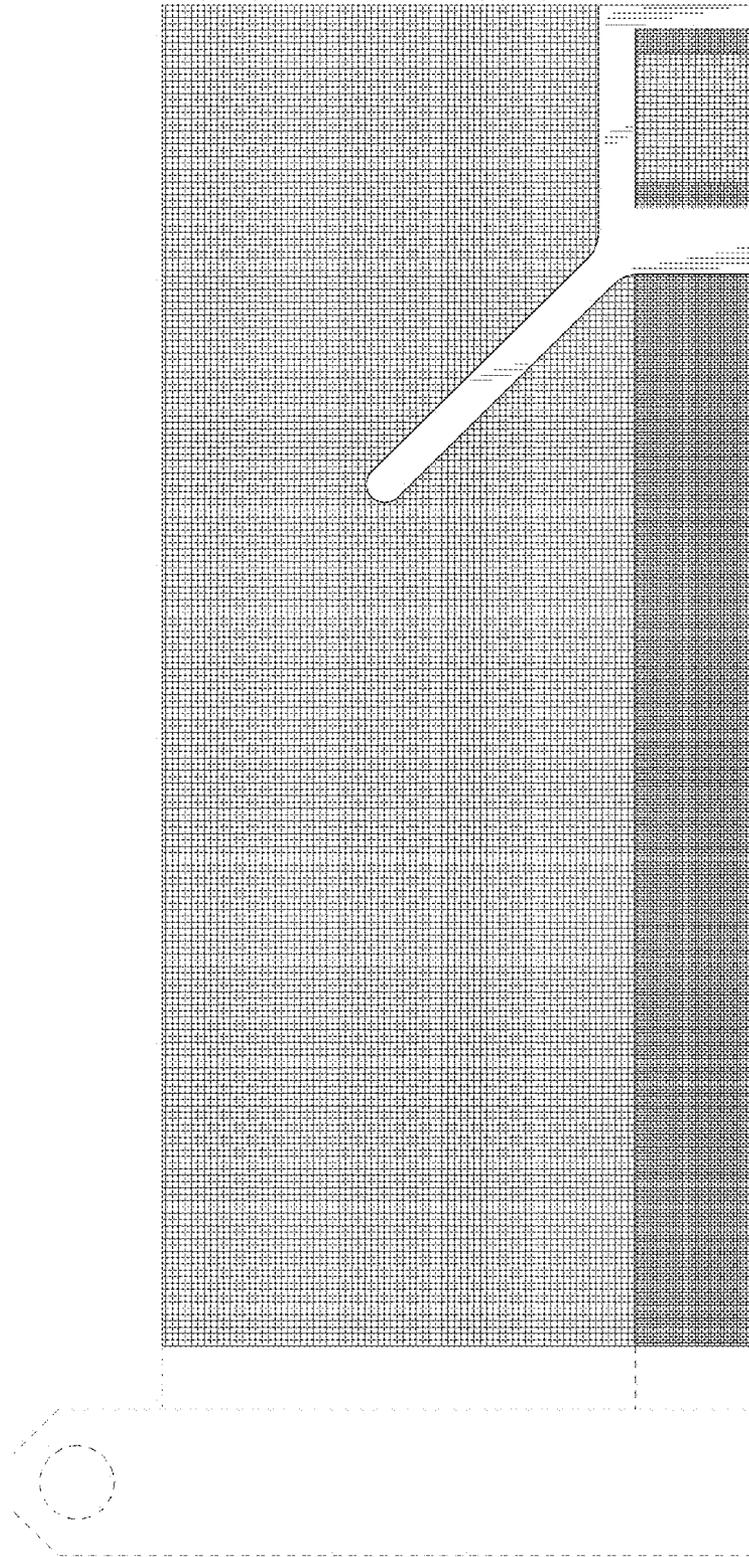
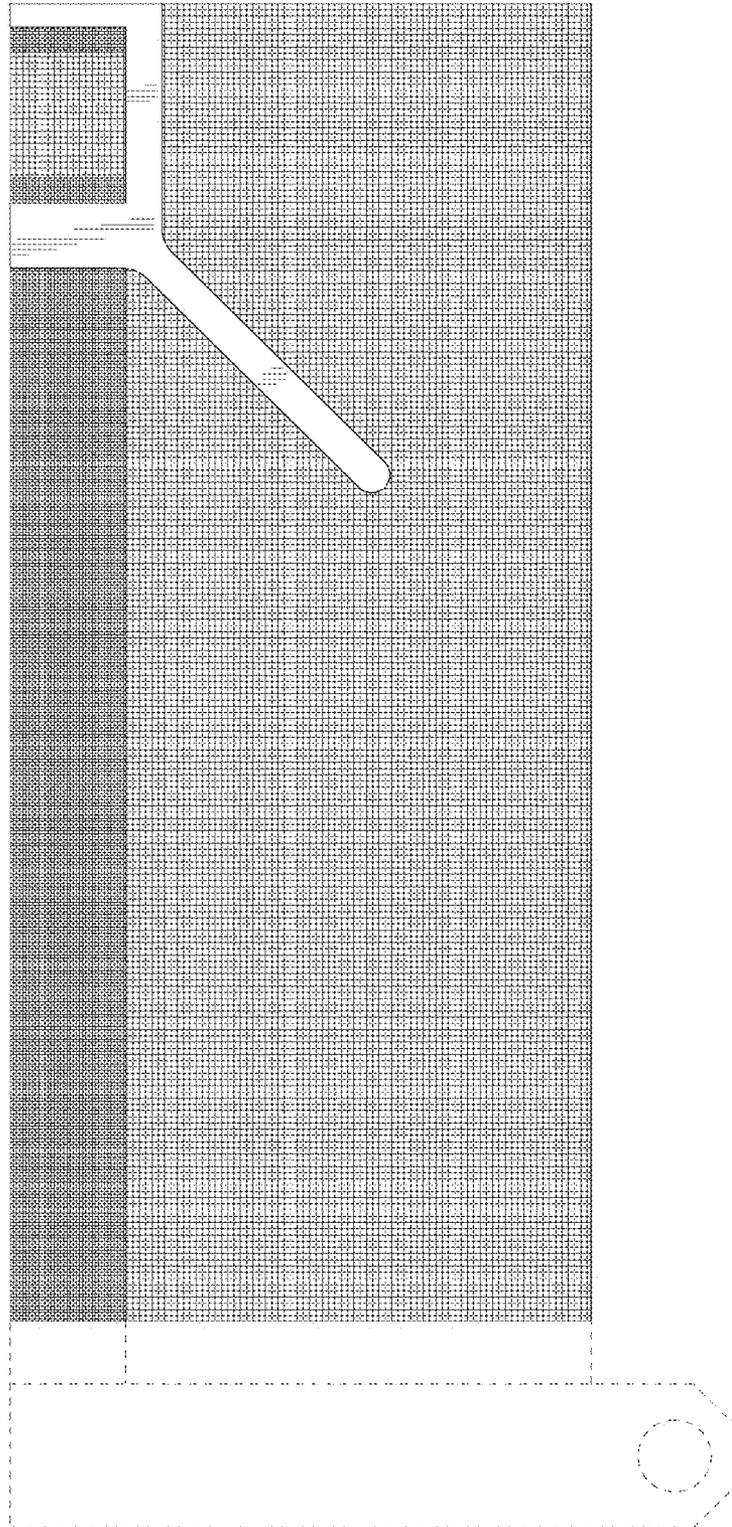


FIG. 11



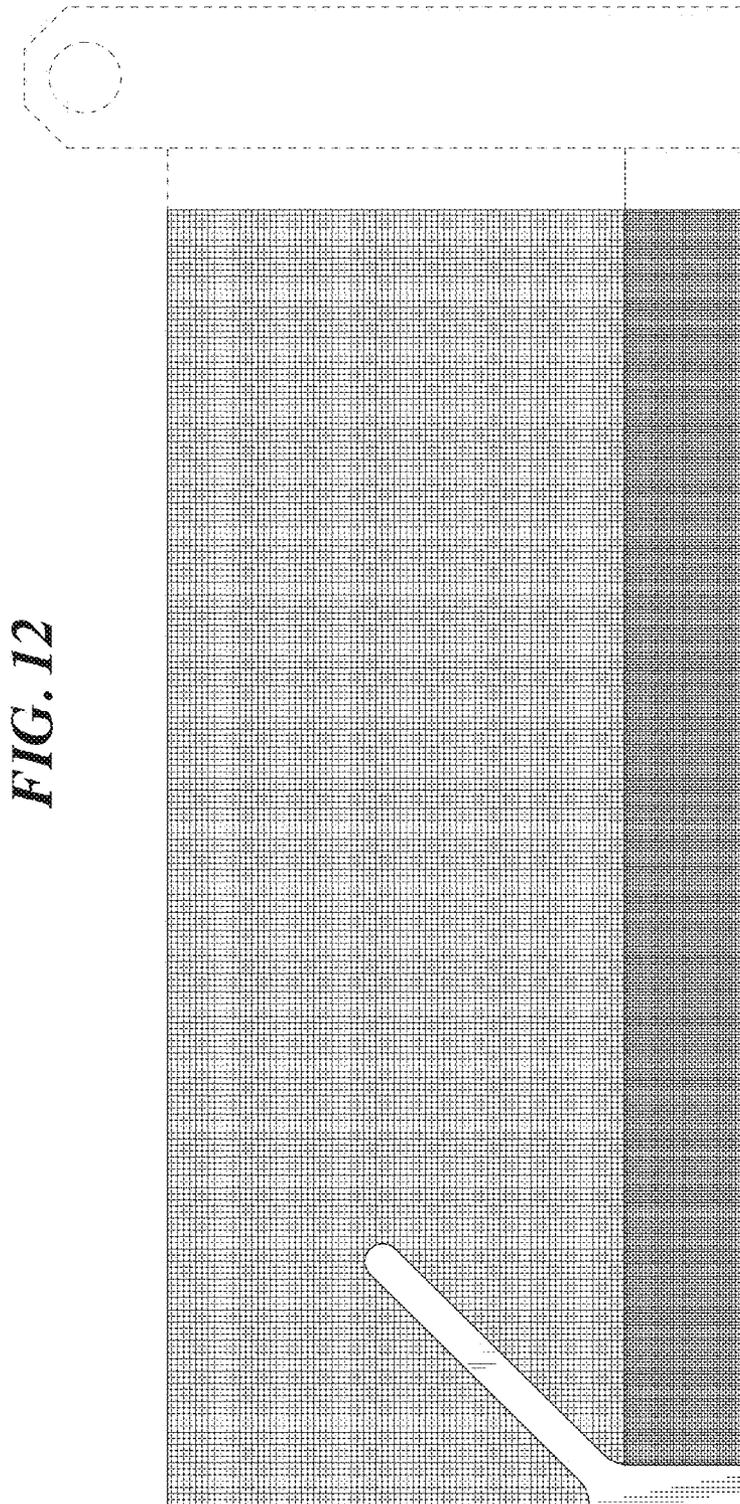


FIG. 12

FIG. 13

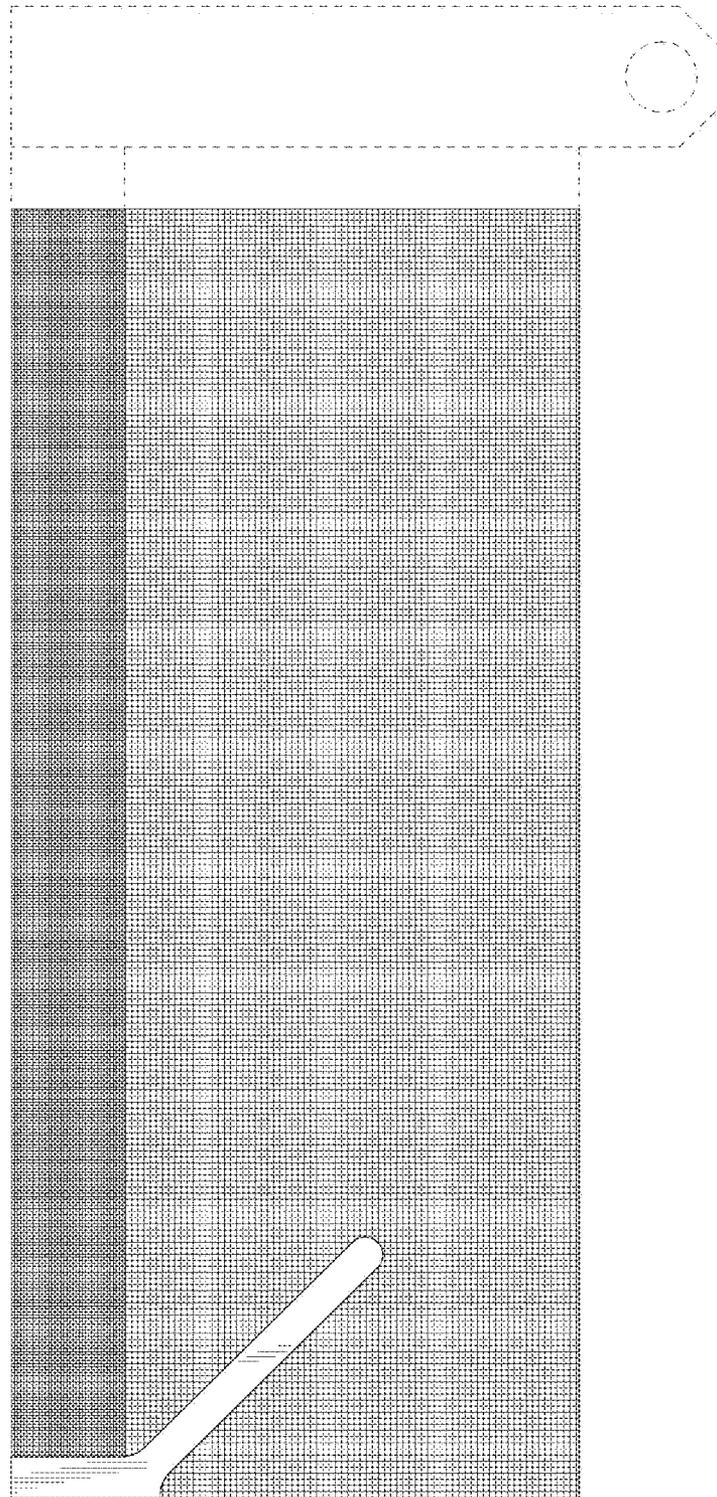


FIG. 14

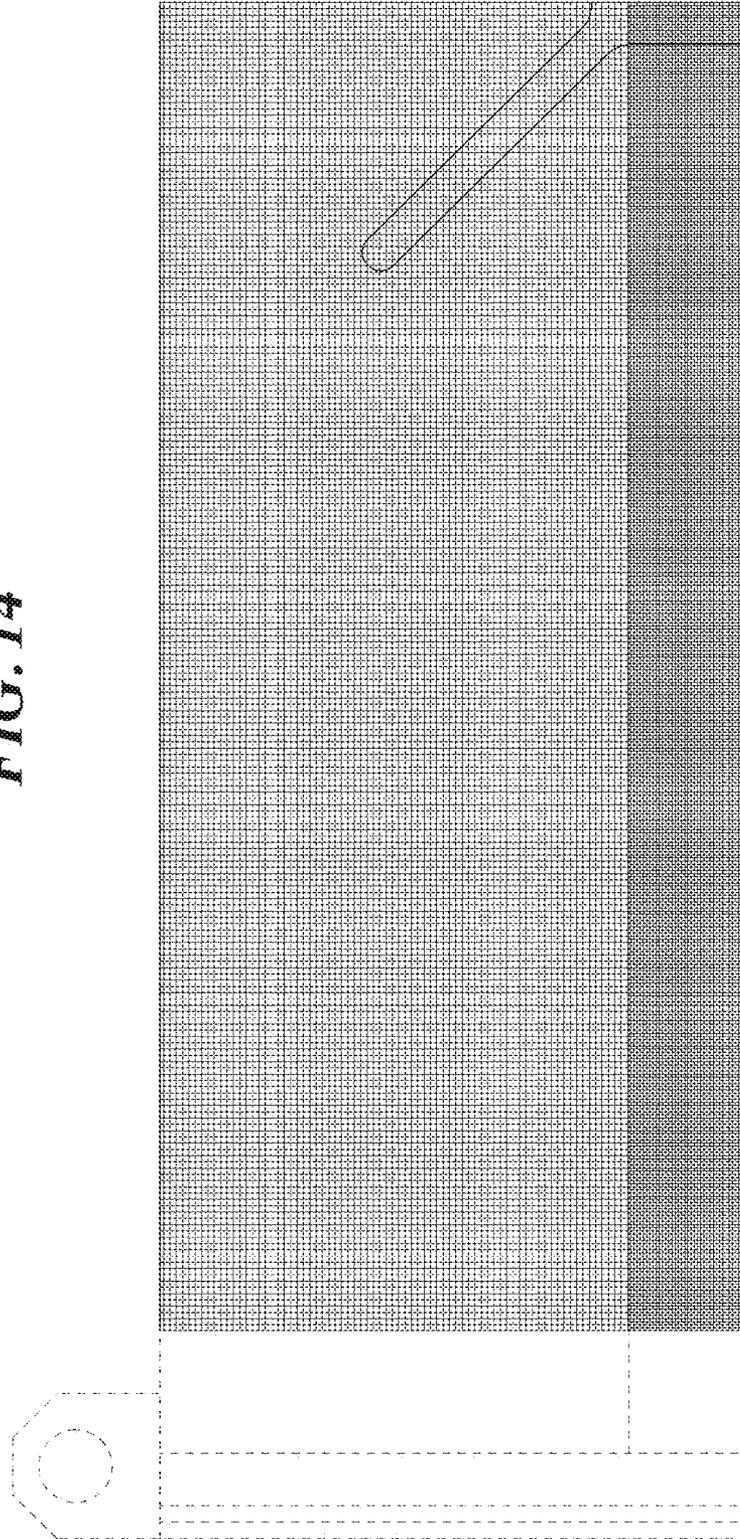


FIG. 15

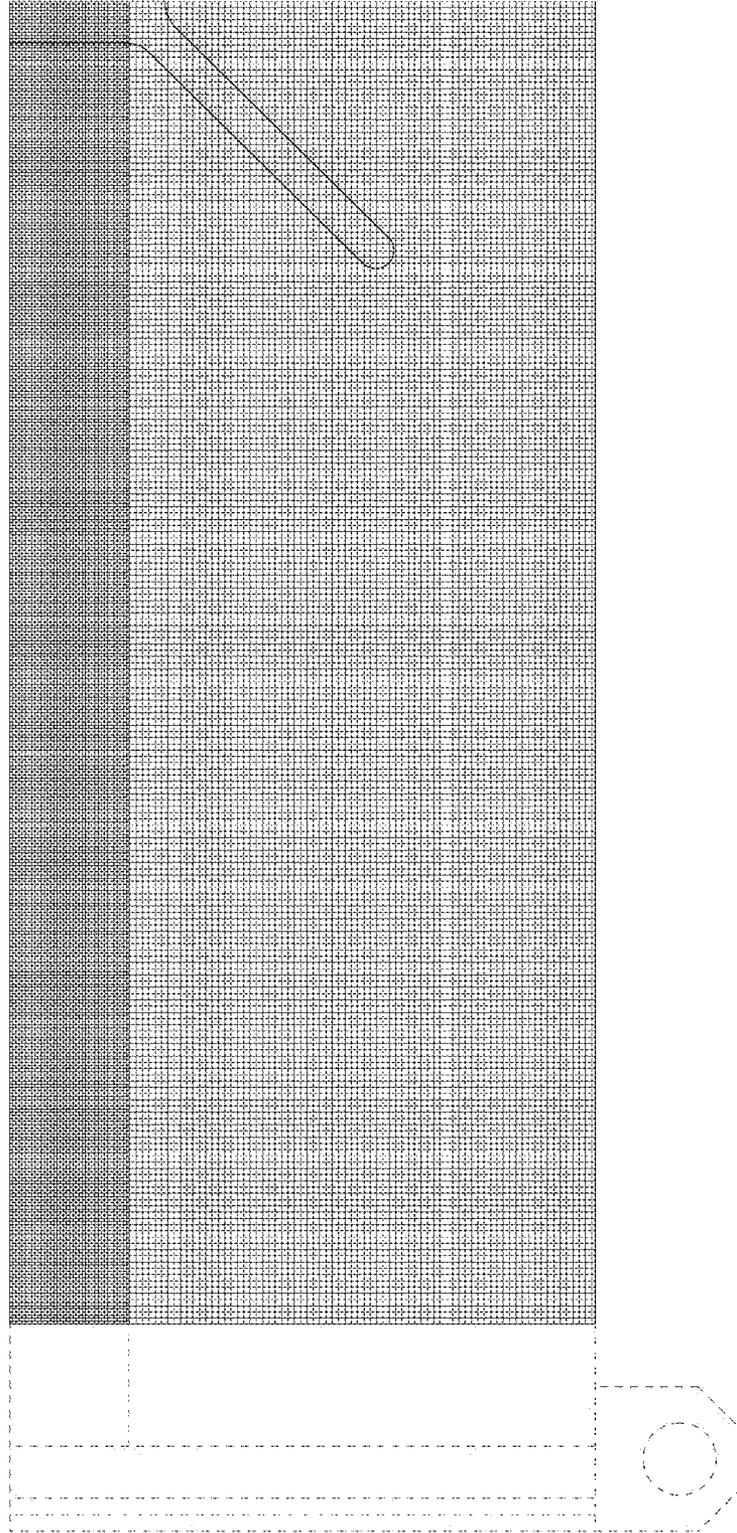


FIG. 16

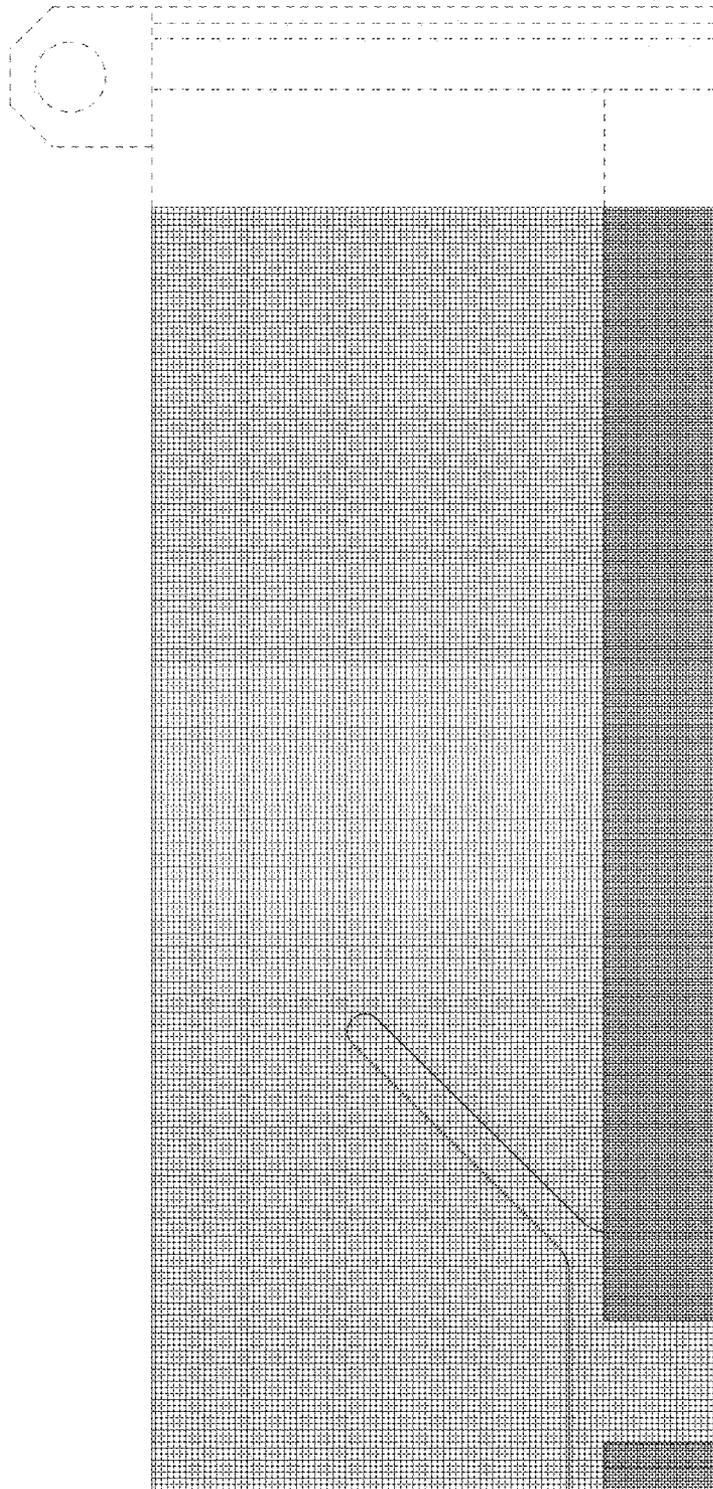


FIG. 17

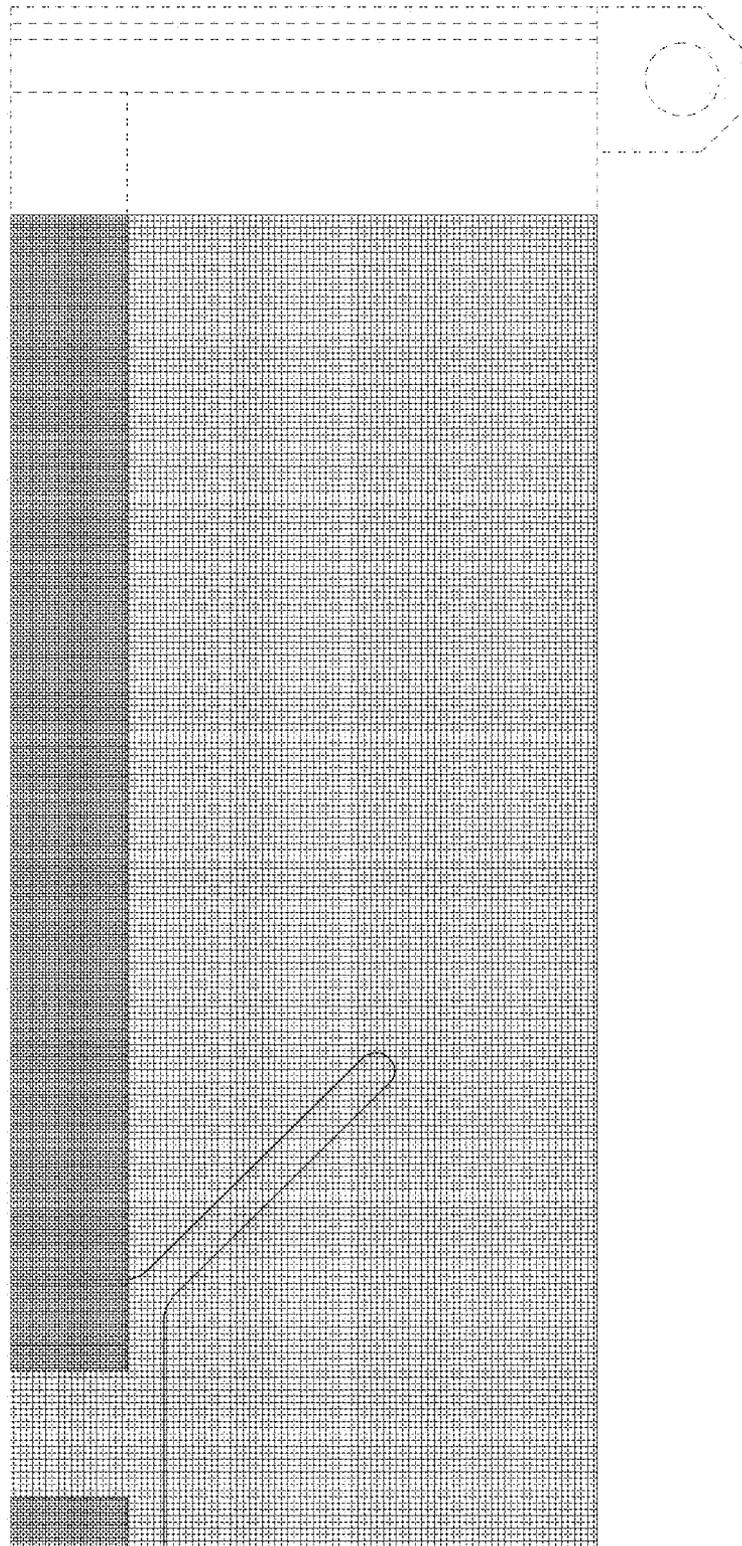


FIG. 18

