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(12) United States Design Patent

Aburatani

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(45) Date of Patent: ** Aug. 29, 2017

(54) **SUBSTRATE THERMOMETRY UNIT**

(71) Applicant: **Hitachi Kokusai Electric Inc.**, Tokyo (JP)

(72) Inventor: **Yukinori Aburatani**, Toyama (JP)

(73) Assignee: **Hitachi Kokusai Electric Inc.**, Tokyo (JP)

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

(21) Appl. No.: **29/563,035**

(22) Filed: **May 2, 2016**

(30) **Foreign Application Priority Data**

Nov. 4, 2015 (JP) 024542/2015

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

(52) **U.S. Cl.**
USPC **D10/60**

(58) **Field of Classification Search**
USPC D10/60; 174/58, 67; 339/36; 220/3.2, 220/3.3
CPC G01K 1/00; G01K 1/02; G01K 1/024; G01K 1/14; G01K 1/143; G01K 1/146; G01K 13/02; G01K 13/002
See application file for complete search history.

(56) **References Cited**

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(74) *Attorney, Agent, or Firm* — Fitch, Even, Tabin & Flannery, LLP

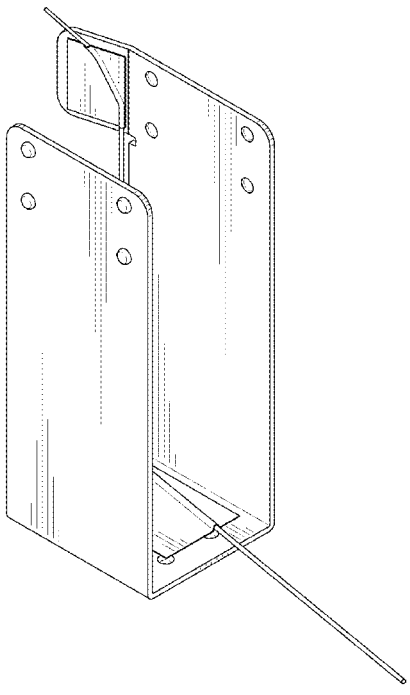
(57) **CLAIM**

I claim the ornamental design for a substrate thermometry unit, as shown (and described).

DESCRIPTION

FIG. **1** is a front, top and left side perspective view of a substrate thermometry unit showing my new design;
FIG. **2** is a front elevational view thereof;
FIG. **3** is a rear elevational view thereof;
FIG. **4** is a left side elevational view thereof;
FIG. **5** is a right side elevational view thereof;
FIG. **6** is a top plan view thereof; and
FIG. **7** is a bottom plan view thereof.
FIG. **8** is a cross sectional view take along line **6-6** in FIG. **2** thereof;
FIG. **9** is a cross sectional view take along line **7-7** in FIG. **2** thereof;
FIG. **10** is an enlarged portion view taken along line **10-10** in FIG. **4** thereof
FIG. **11** is a cross sectional view take along line **11-11** in FIG. **10** thereof;
FIG. **12** is an enlarged portion view taken along line **12-12** in FIG. **6** thereof; and,
FIG. **13** is a cross sectional view take along line **13-13** in FIG. **12**.

1 Claim, 8 Drawing Sheets



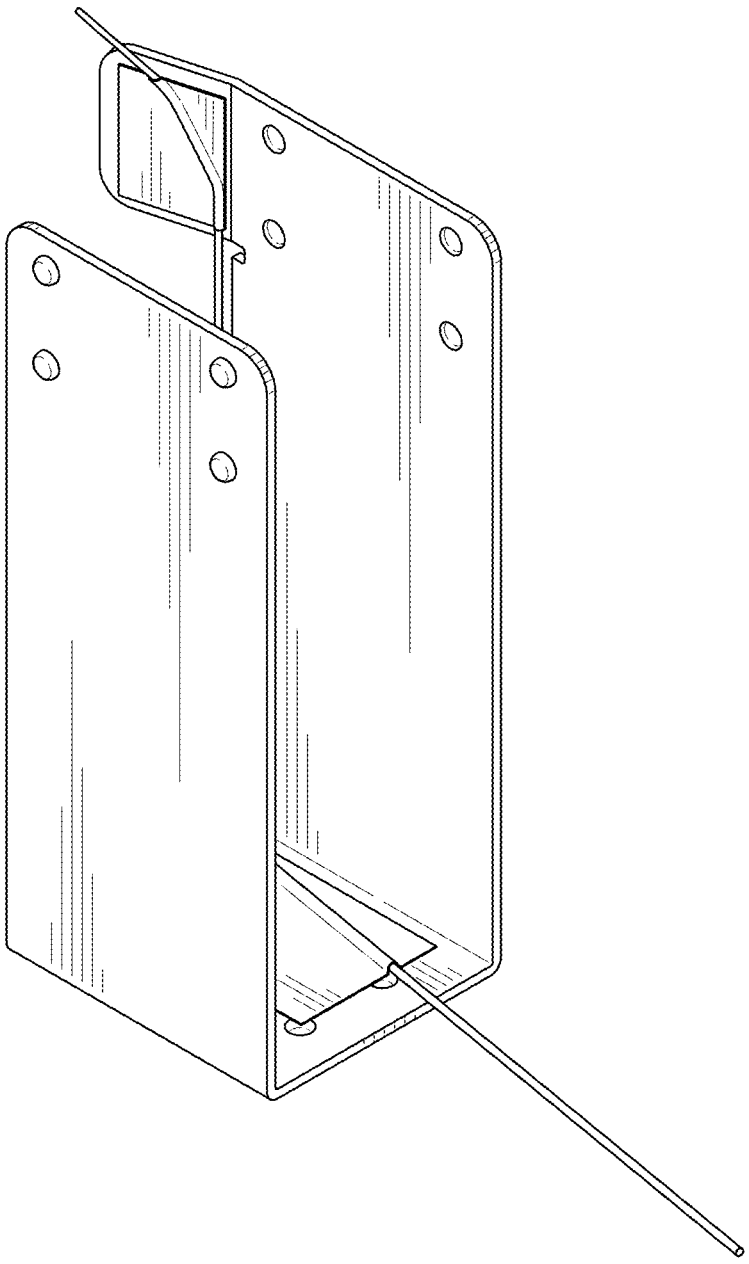


FIG. 1

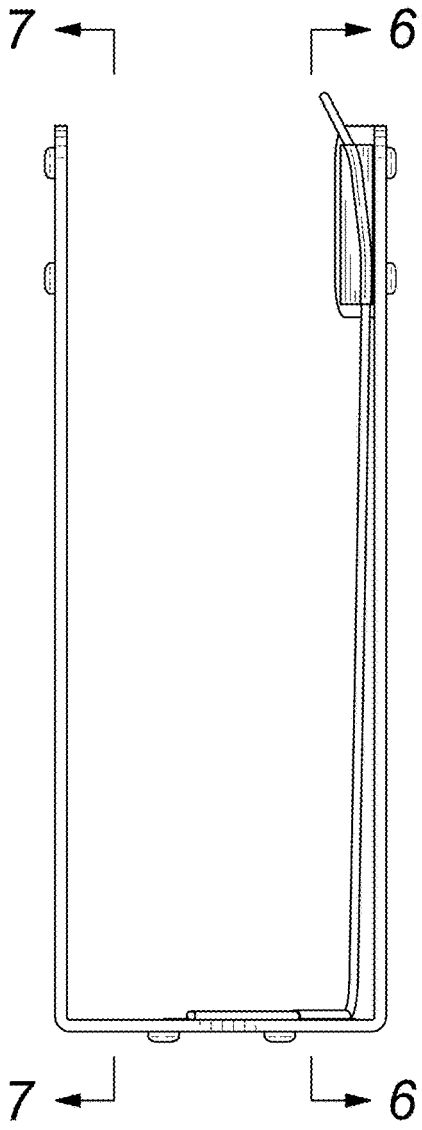


FIG. 2

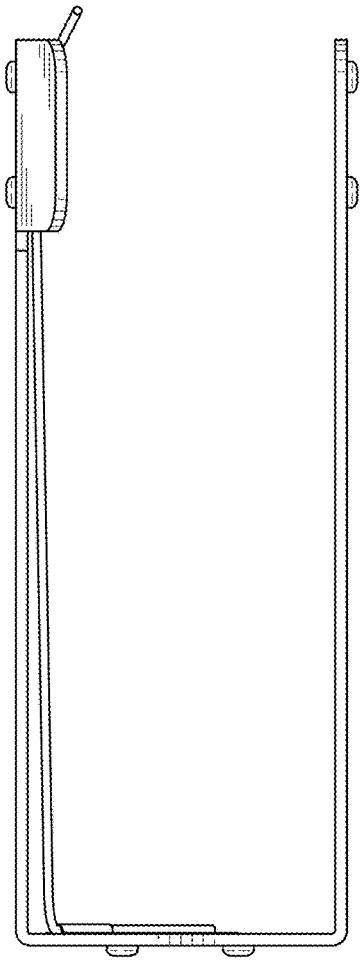


FIG. 3

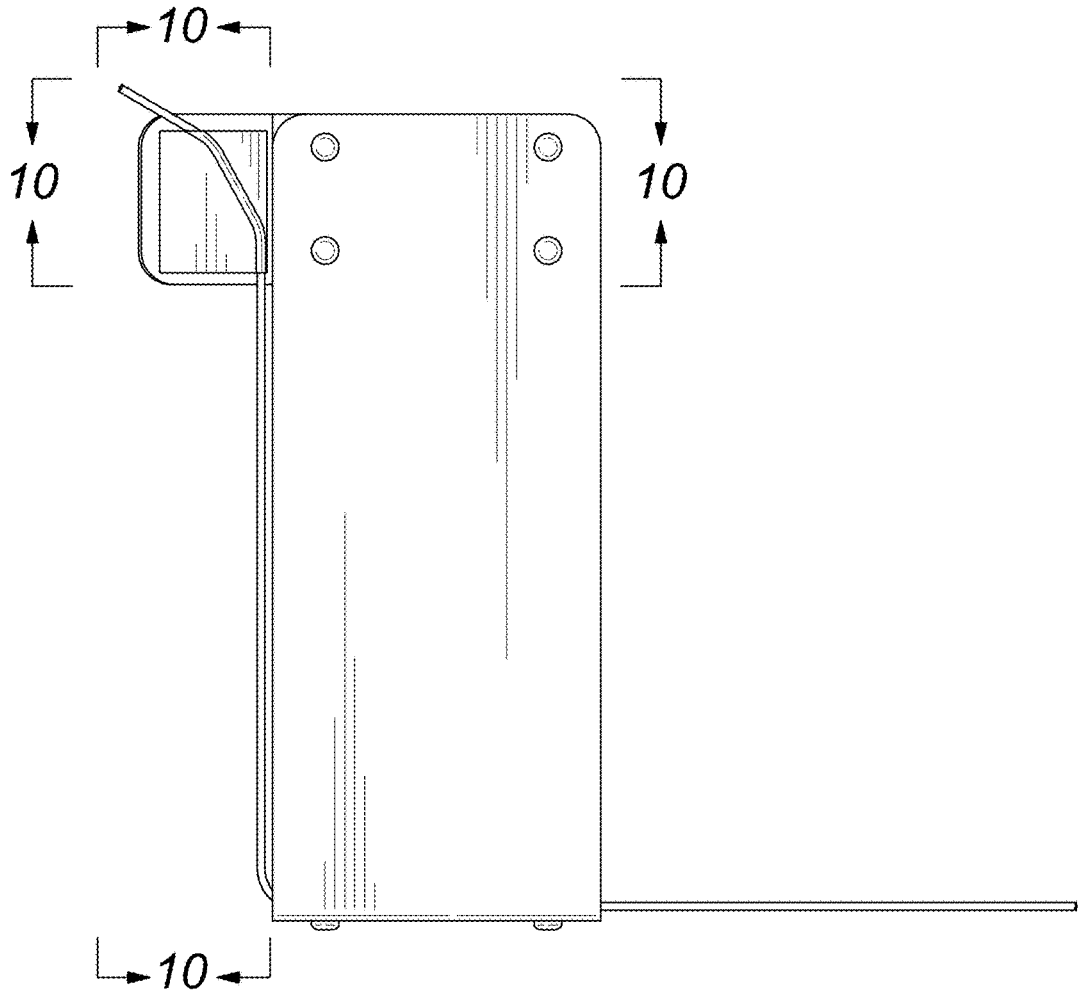


FIG. 4

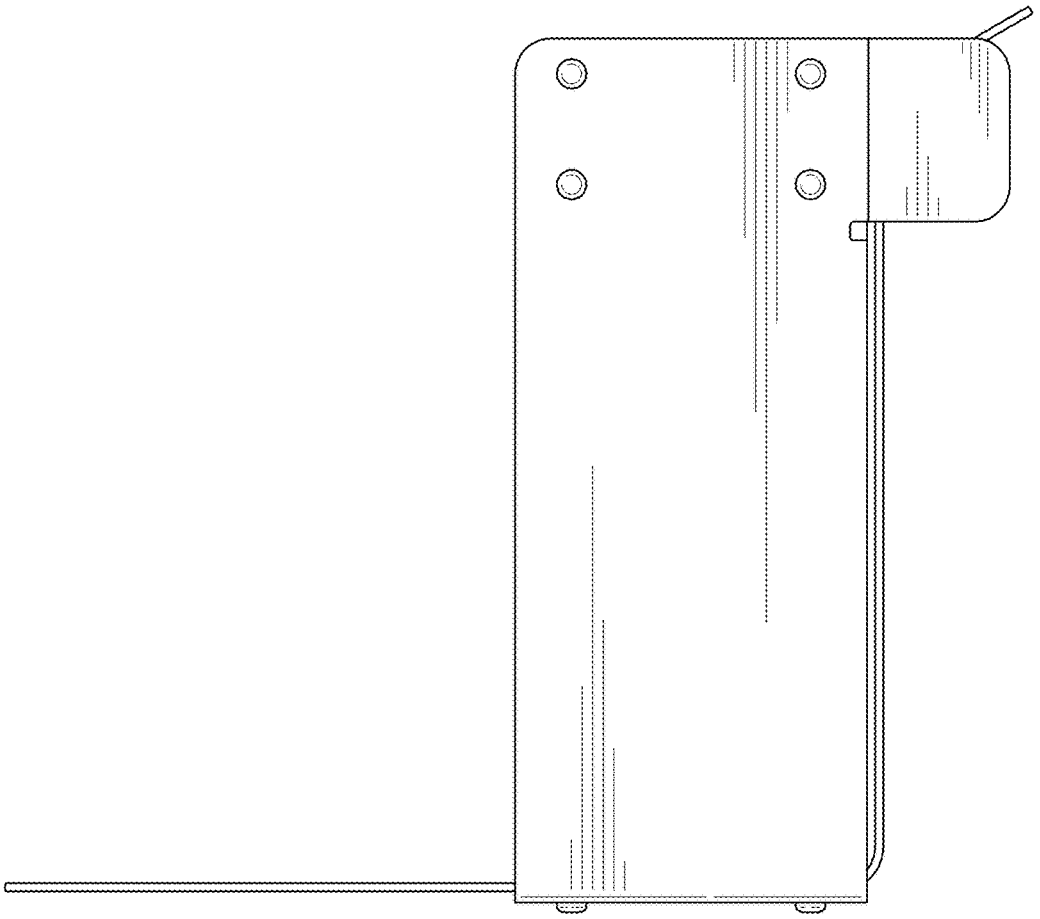


FIG. 5

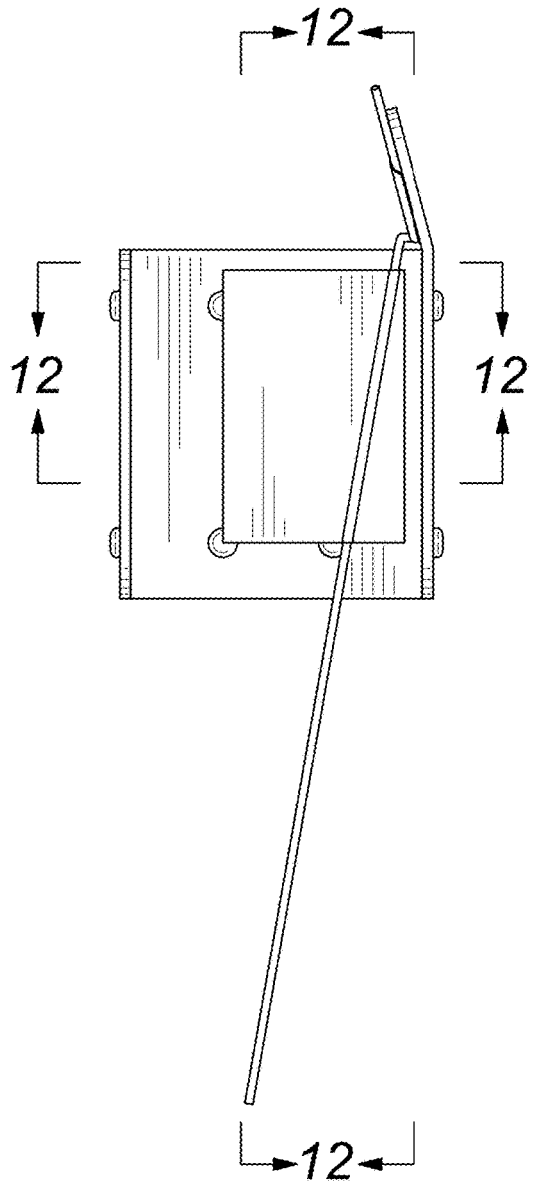


FIG. 6

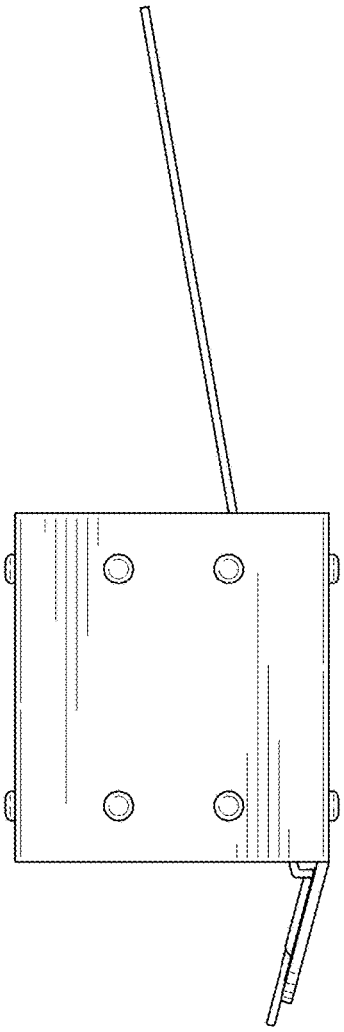


FIG. 7

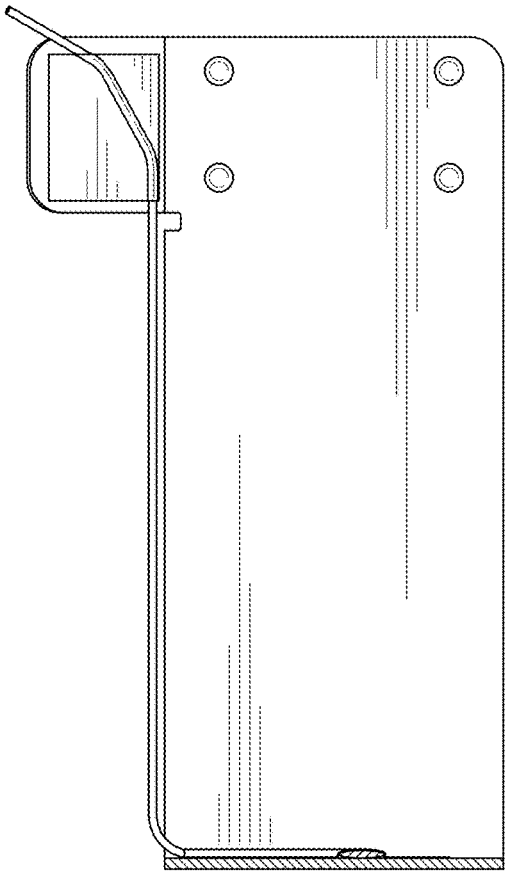


FIG. 8

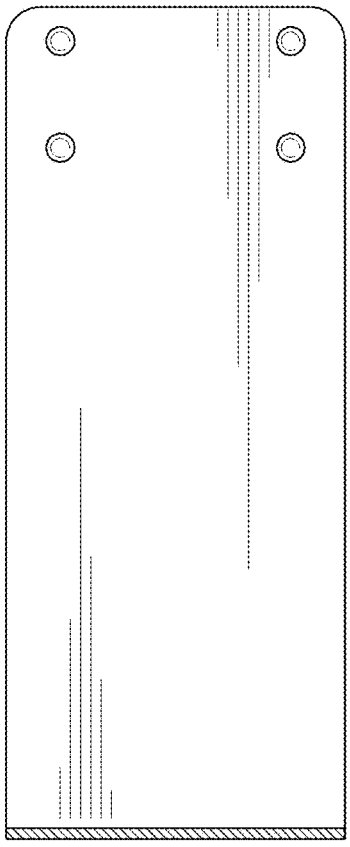


FIG. 9

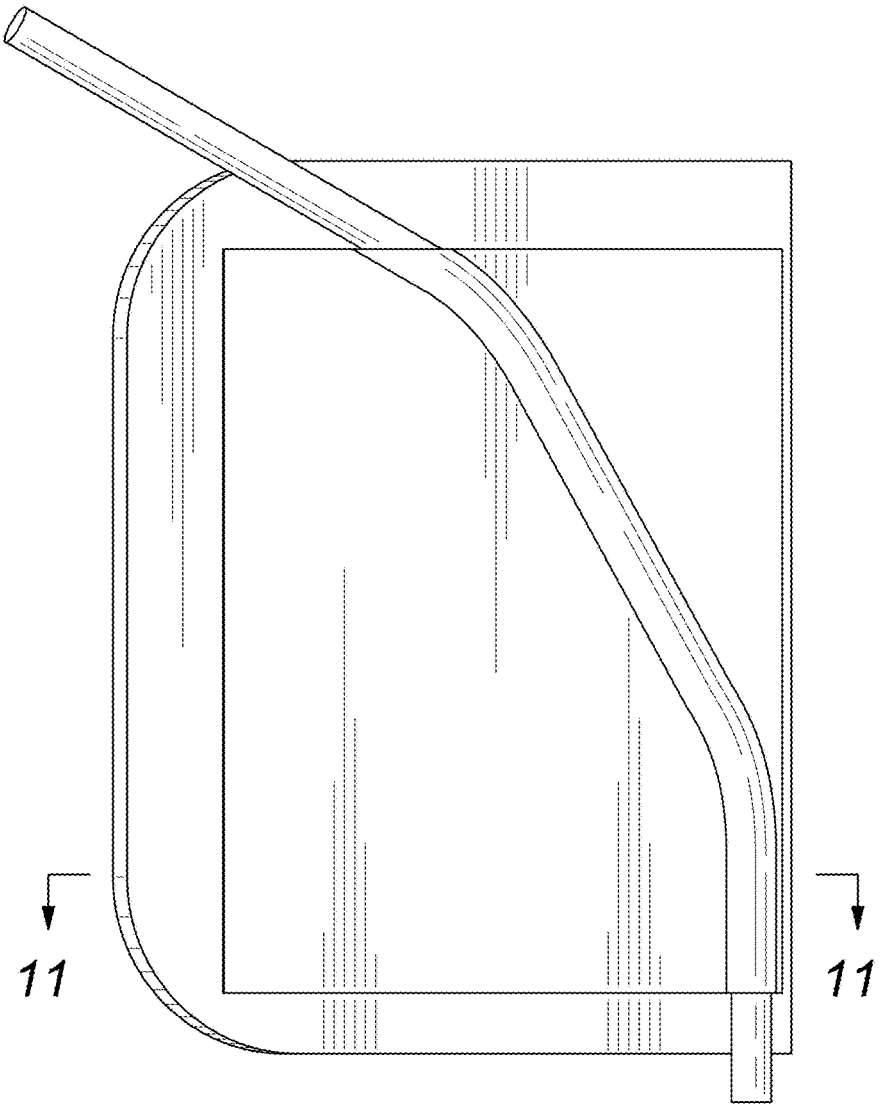


FIG. 10

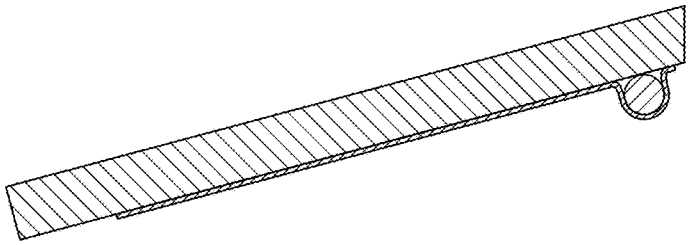


FIG. 11

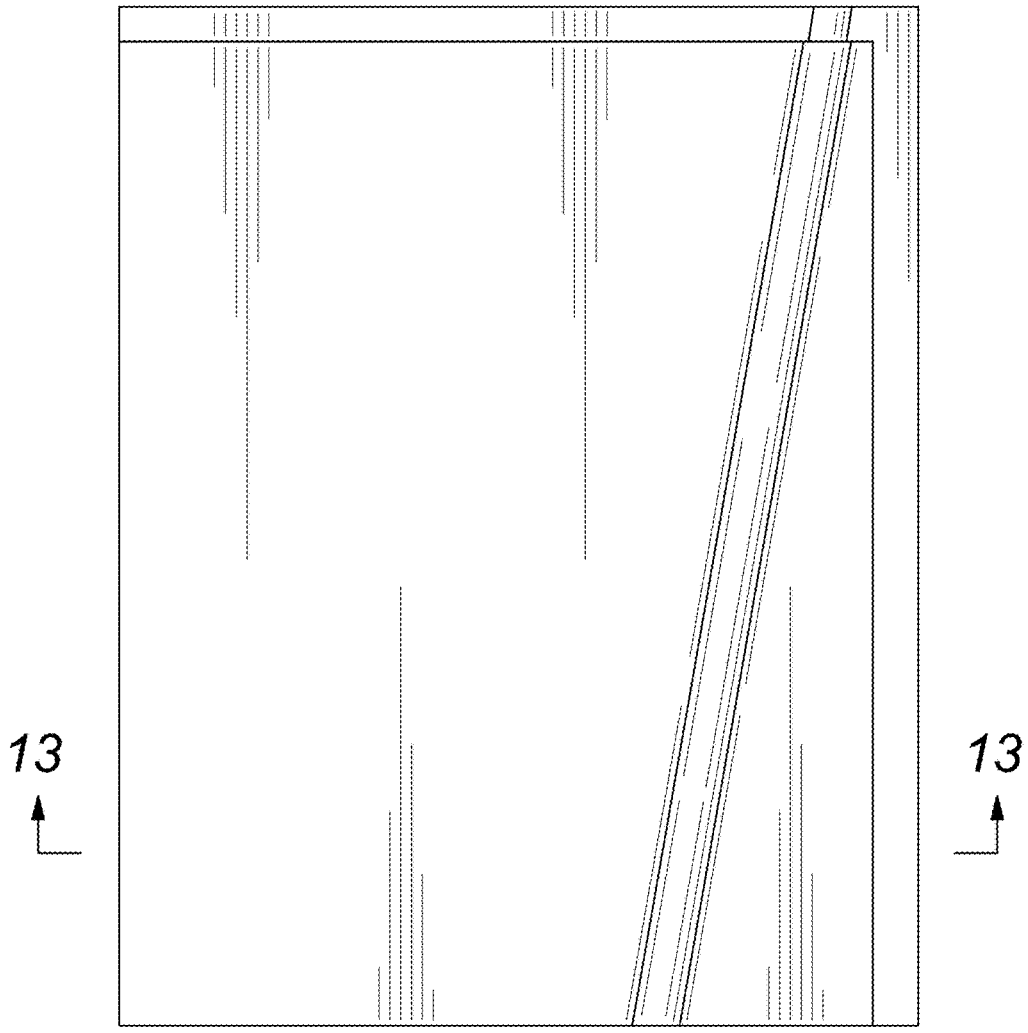


FIG. 12

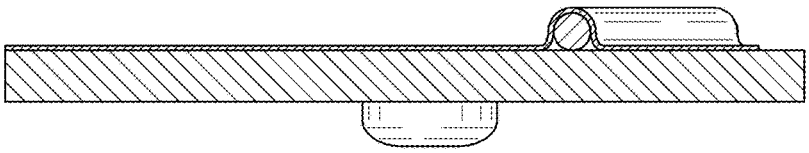


FIG. 13