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

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(54) **PHOTOELECTRIC SENSOR**

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(73) Assignee: **OMRON Corporation**, Kyoto (JP)

(*) Notice: This patent is subject to a terminal disclaimer.

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

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(30) **Foreign Application Priority Data**

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(51) **LOC (12) Cl.** **10-04**

(52) **U.S. Cl.**

USPC **D10/70; D10/106.5**

(58) **Field of Classification Search**

USPC D10/70, 106.3, 106.8; D13/165

CPC G01B 11/02; G01B 11/022; G01B 11/005;
G01B 11/007; G01B 11/024; G01B 11/026;
G01B 11/028; G01B 11/03; G01B 11/04;
G01B 11/043; G01B 11/046; G01B 11/06; G01B 11/0608;
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G01B 11/0641; G01B 11/065; G01B 11/0658;
G01B 11/0666; G01B 11/0675; G01B 11/0683;
G01B 11/0691; G01B 11/08; G01B 11/10; G01B 11/105;
G01B 11/12; G01B 11/14; G01B 11/16; G01B 11/161;
G01B 11/162;

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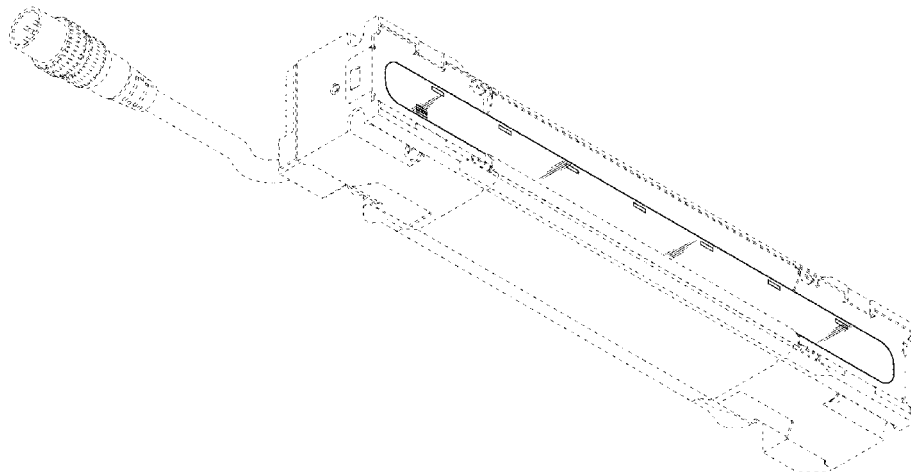
(57) **CLAIM**

The ornamental design for a photoelectric sensor, as shown and described.

DESCRIPTION

FIG. 1 is a front, bottom, and left side perspective view of a photoelectric sensor showing our new design; FIG. 2 is a front view thereof; FIG. 3 is a rear view thereof; FIG. 4 is a left side view thereof; FIG. 5 is a right side view thereof; FIG. 6 is a top view thereof; FIG. 7 is a bottom view thereof; FIG. 8 is an enlarged partial view of the left end of the photoelectric sensor as shown in FIG. 2; FIG. 9 is an enlarged partial view thereof in an alternative state of use; FIG. 10 is an enlarged partial view thereof in another alternative state of use; FIG. 11 is an enlarged partial view thereof in another alternative state of use; and, FIG. 12 is an enlarged partial view thereof in another alternative state of use.

(Continued)



The broken lines in the figures show portions of the photo-electric sensor that form no part of the claimed design.

1 Claim, 9 Drawing Sheets

(58) **Field of Classification Search**

CPC ... G01B 11/164; G01B 11/165; G01B 11/167; G01B 11/18; G01B 11/20; G01B 11/22; G01B 11/24; G01B 11/2408; G01B 11/2416; G01B 11/2425; G01B 11/2433; G01B 11/2441; G01B 11/245; G01B 11/25; G01B 11/2504; G01B 11/2509; G01B 11/2513; G01B 11/2518; G01B 11/2522; G01B 11/2527; G01B 11/2531; G01B 11/2536; G01B 11/254; G01B 11/2545; G01B 11/255; G01B 11/26; G01B 11/27; G01B 11/272; G01B 11/275; G01B 11/2755; G01B 11/28; G01B 11/285; G01B 11/30; G01B 11/303; G01B 11/306; G01J 1/00; G01J 1/02; G01J 1/0204; G01J 1/0209; G01J 1/0214; G01J 1/0219; G01J 1/0223; G01J 1/0228; G01J 1/0233; G01J 1/0238; G01J

1/0242; G01J 1/0247; G01J 1/0252; G01J 2001/0257; G01J 2001/0261; G01J 1/0266; G01J 1/0271; G01J 2001/028; G01J 2001/0285; G01J 1/029; G01J 1/0295; G01J 1/18; G01J 1/16; G01V 8/00; G01V 8/005; G01V 8/02; G01V 8/10; G01V 8/12; G01V 8/14; G01V 8/16; G01V 8/18; G01V 8/20; G01V 8/22; G01V 8/24; G01V 8/26; H03K 2014/9634; H03K 17/9629; H03K 17/9631; H03K 17/9636; H03K 17/9638; H03K 2017/9634

See application file for complete search history.

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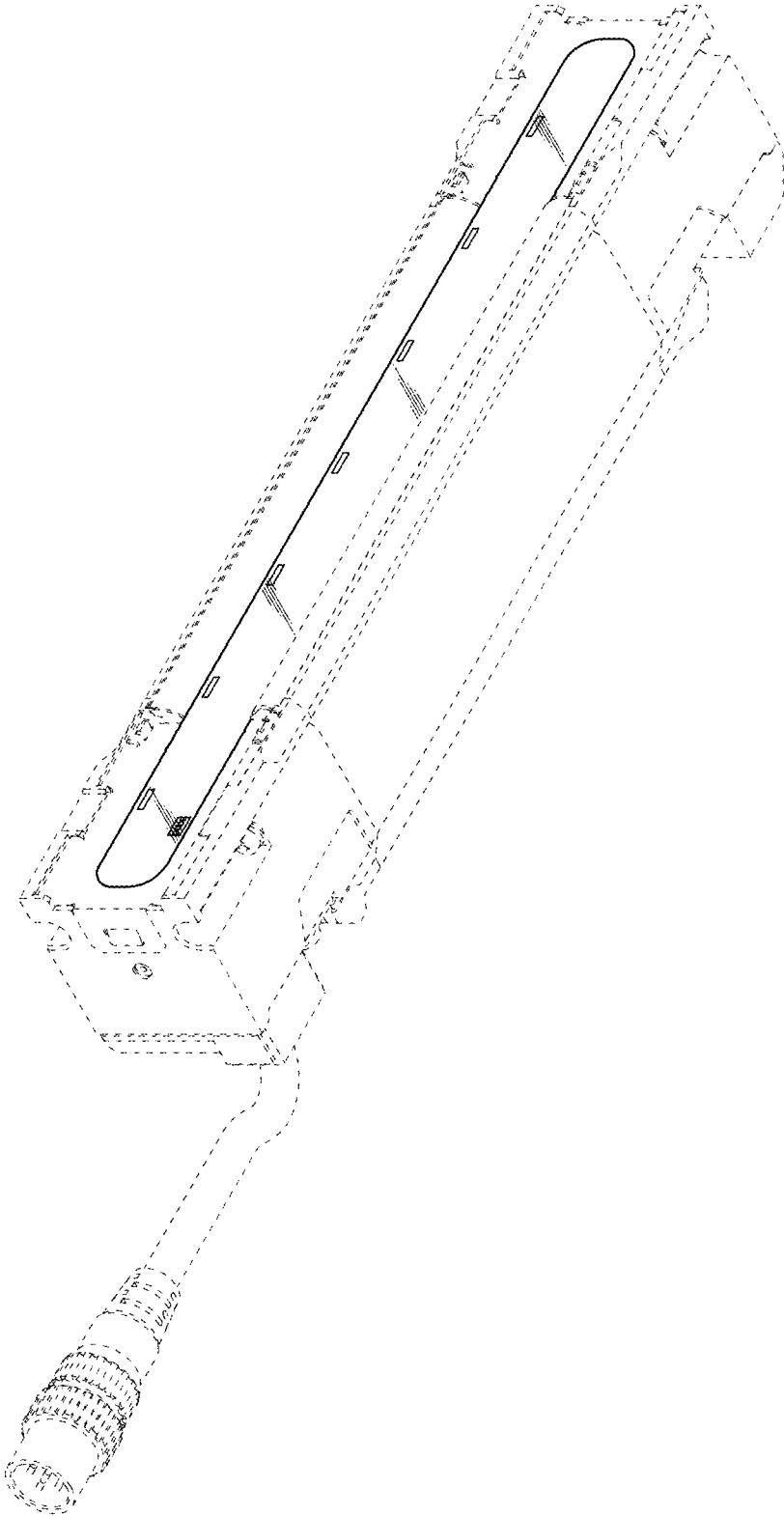


Fig. 1

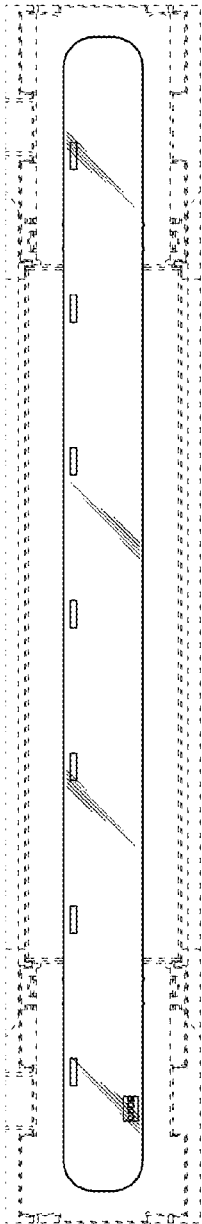


Fig. 2

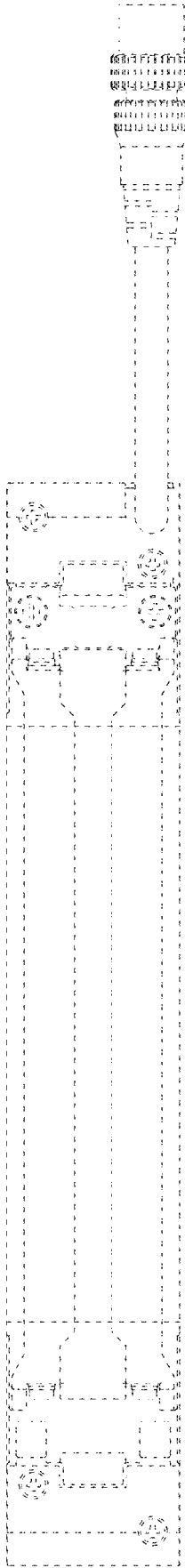


Fig. 3

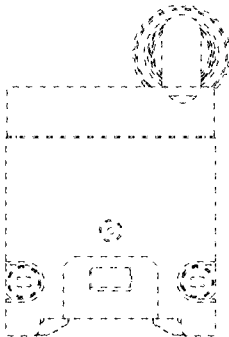


Fig. 5

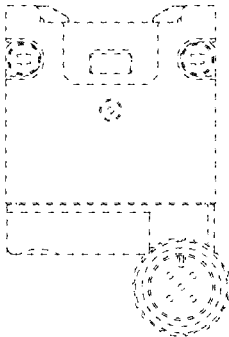


Fig. 4

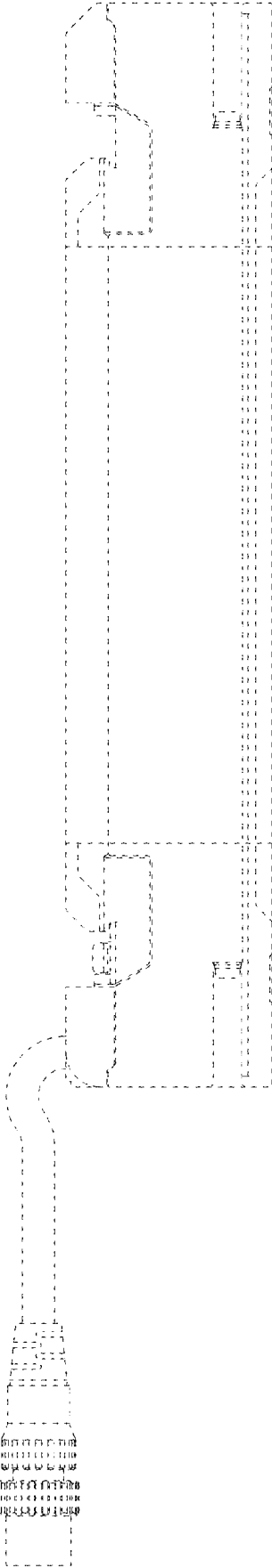


Fig. 6

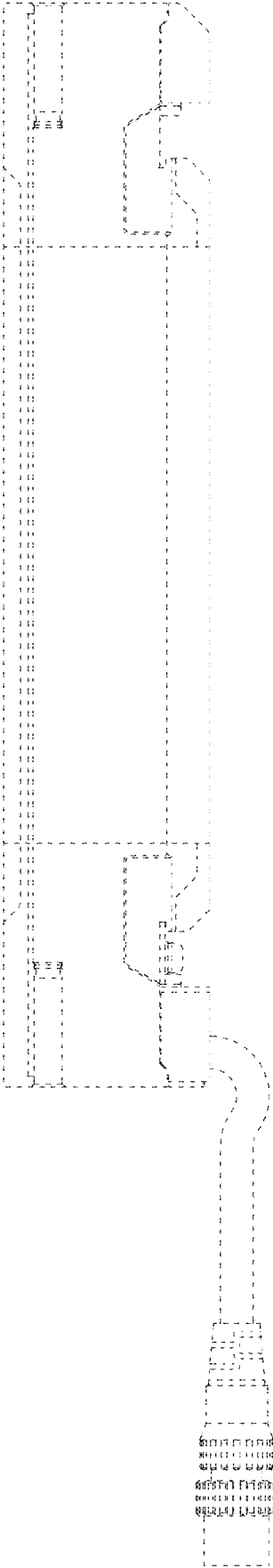


Fig. 7

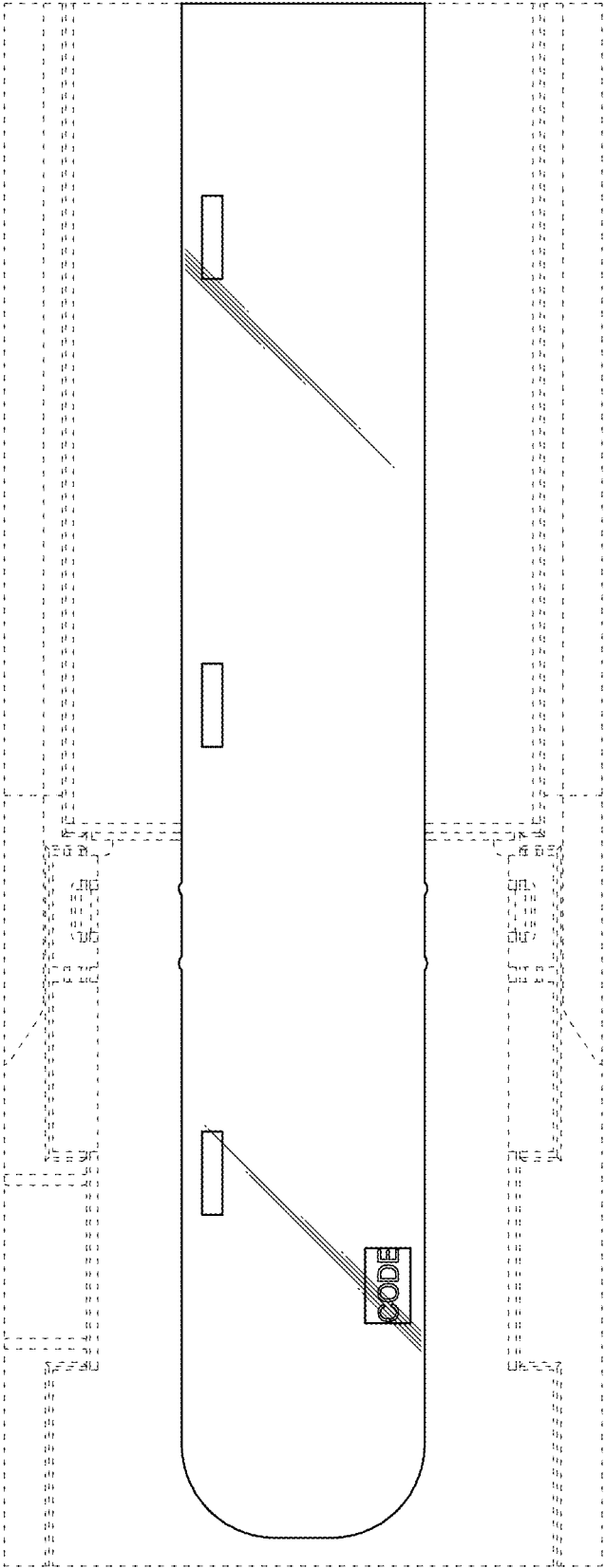


Fig. 8

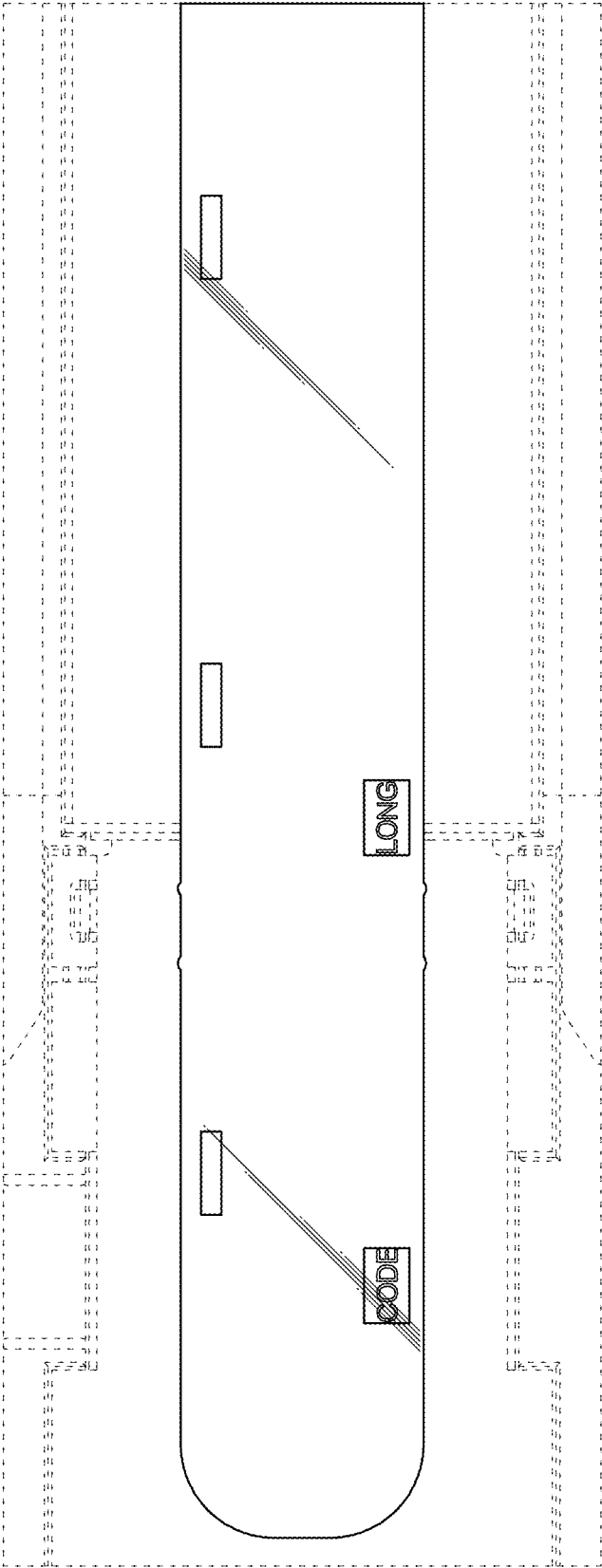


Fig. 9

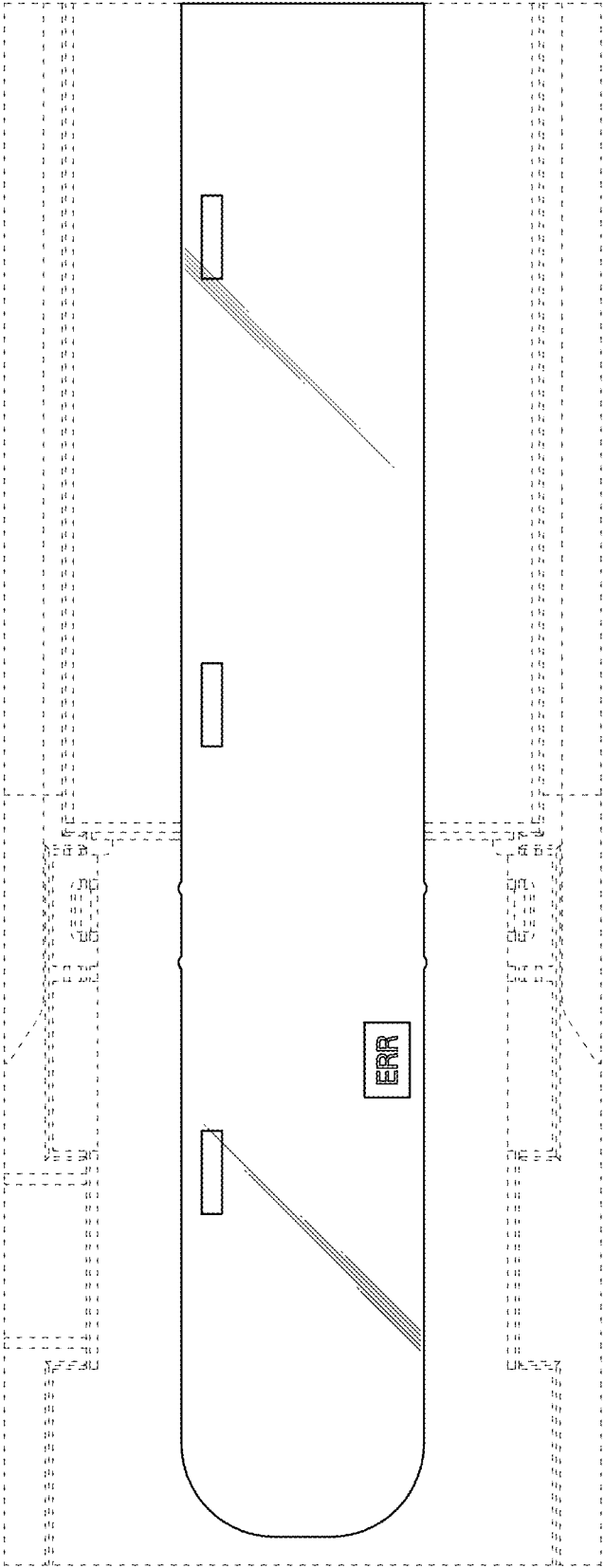


Fig. 10

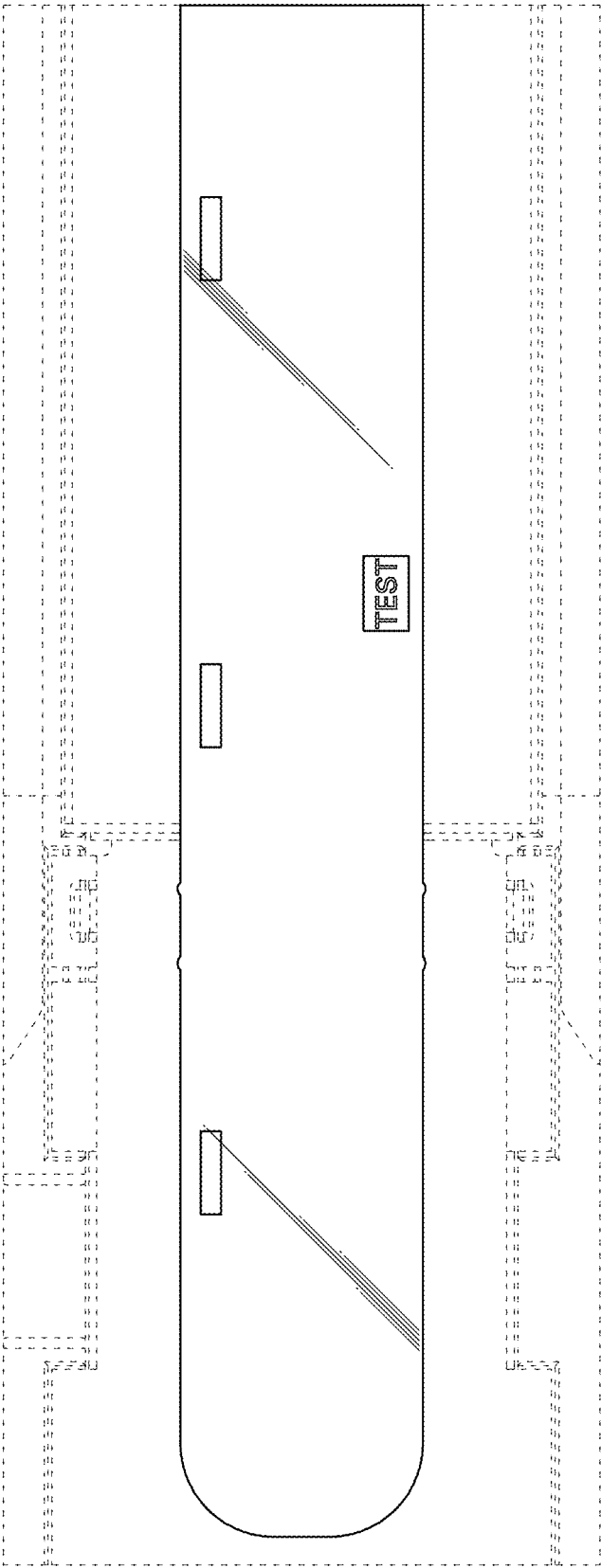


Fig. 11

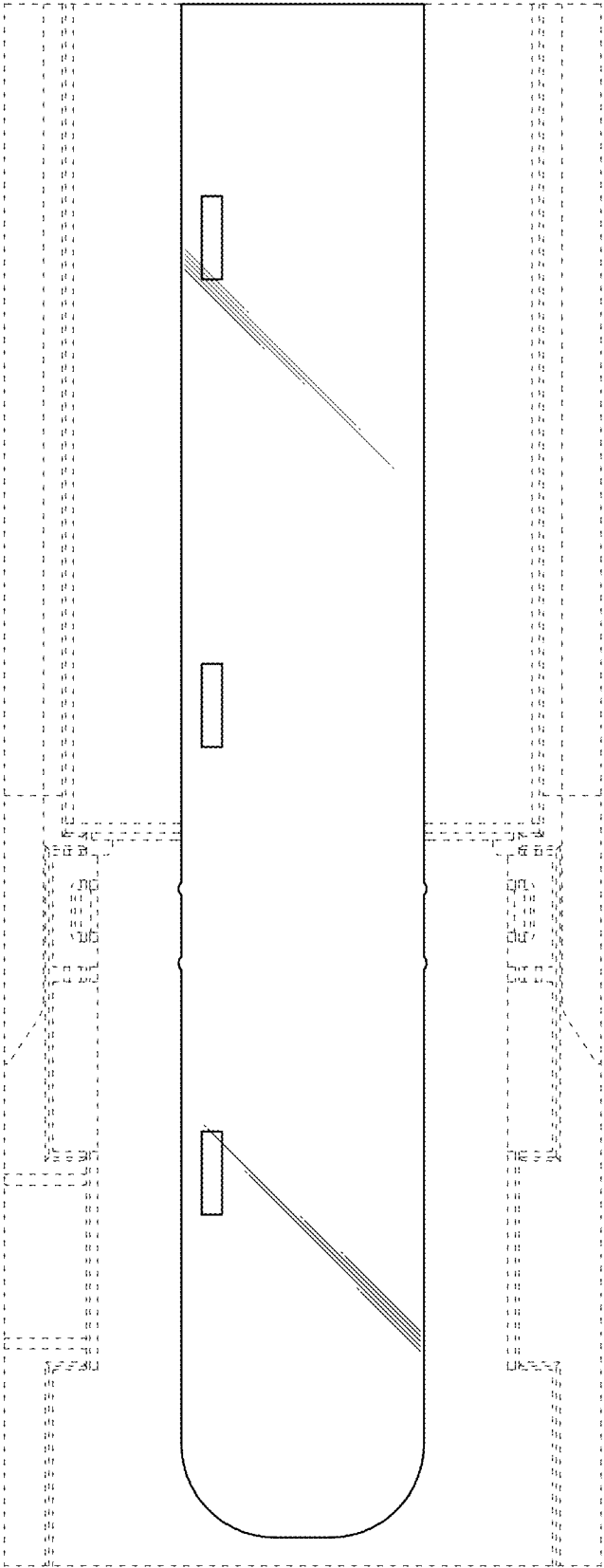


Fig. 12