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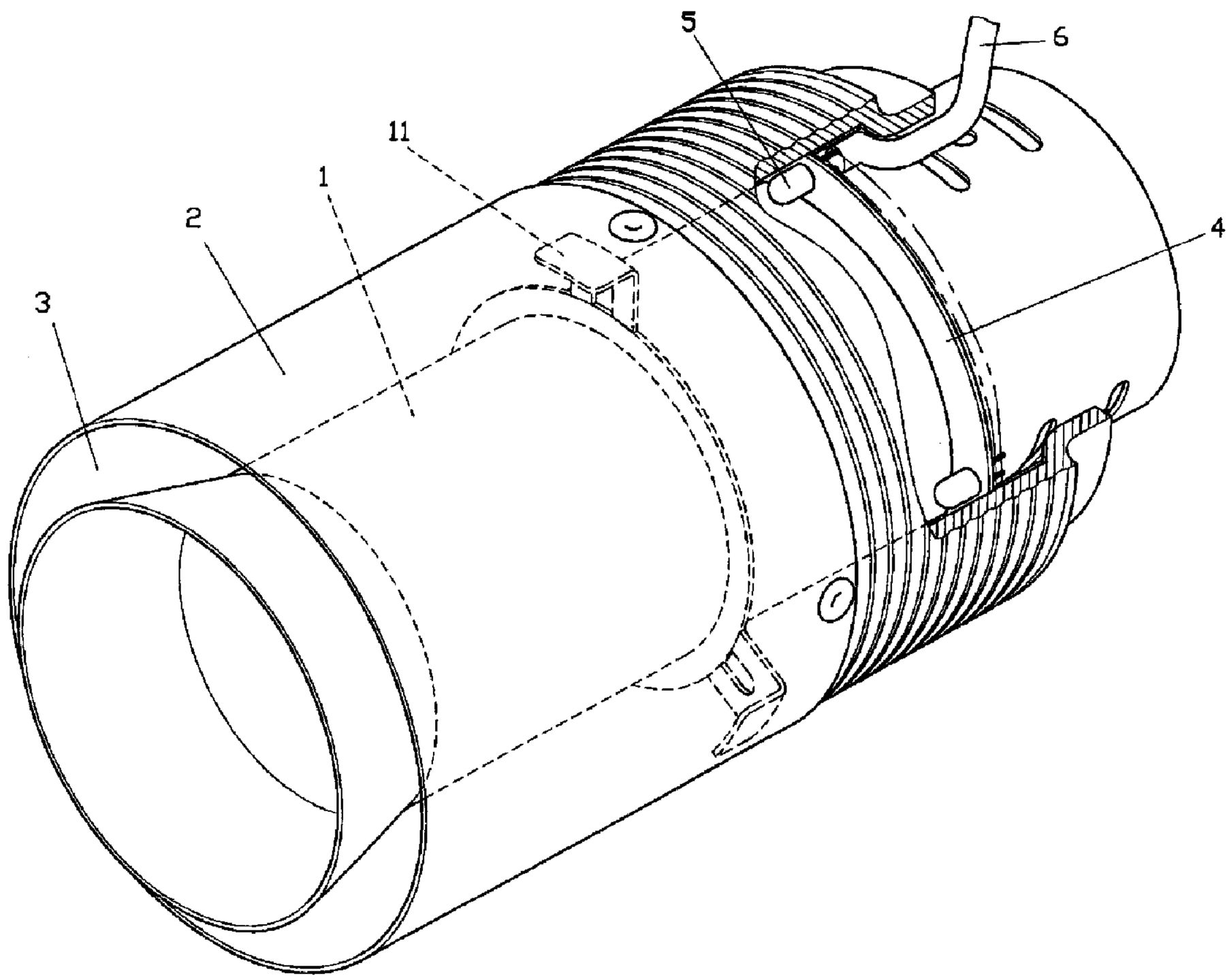
(72) Inventeur/Inventor:
CHEN, KUO-TAI, TW

(73) Propriétaire/Owner:
CHEN, KUO-TAI, TW

(74) Agent: ADE & COMPANY

(54) Titre : TUYAU D'ECHAPPEMENT AVEC DISPOSITIFS LUMINEUX POUR VEHICULES
(54) Title: VEHICULAR EXHAUST PIPE WITH ILLUMINATING DEVICES



(57) Abrégé/Abstract:
An exhaust pipe with illuminating devices is formed by an inner pipe enclosed in an outer pipe. A gap is formed in between the two pipes. The gap comprises a light socket connected to at least one illuminating device. The light socket and the illuminating device are connected by means of an electric cord. The outer pipe comprises holes on its wall. When the illuminating devices are lighted, the light will shine from the tail end and the holes of the exhausting pipe either directly or reflectively.

Abstract of the Disclosure

An exhaust pipe with illuminating devices is formed by an inner pipe enclosed in an outer pipe. A gap is formed in between the two pipes. The gap comprises a light socket connected to at least one illuminating device. The light socket and the illuminating device are connected by means of an electric cord. The outer pipe comprises holes on its wall. When the illuminating devices are lighted, the light will shine from the tail end and the holes of the exhausting pipe either directly or reflectively.

TITLE: VEHICULAR EXHAUST PIPE WITH ILLUMINATING DEVICES

Background of the Invention

Field of the Invention

This invention relates to a vehicular exhaust pipe, more particularly to a pipe with illuminating devices.

Description of Prior Art

A conventional exhaust pipe of any vehicle exhaust pipe is made of metal material, it is made to guide waste gas produced from the engine and the cylinder into the air. This pipe is a plain outfit and has no any design.

In order to build a more attractive and fancy appearance, the inventor has invented the present invention.

Summary of the Invention

It is the primary object of the present invention to provide an exhaust pipe for a vehicle, which enables to illuminate light from the exhaust pipe to make it more attractive.

It is another object of the present invention to provide an exhaust pipe for a vehicle, which emits light from the exhaust pipe as a warning to people from being hurt.

Brief Description of the Drawings

FIG. 1 is a perspective view of the present invention;

FIG. 2 is a side cross sectional view of FIG. 1;

FIG. 3 is a side cross sectional view of a second embodiment of the present invention; and

FIG. 4 is a perspective view of a third embodiment of the present invention.

Detailed Description of the Preferred Embodiment

The exhaust pipe with illuminating devices of the present invention, as shown in FIG. 1, comprises an inner pipe 1 being secured within an outer pipe 2 by means of fixtures 11 to form a gap 3 between the two pipes 1 and 2.

The gap 3 has a light socket 4 and at least one illuminating device 5 secured therein. The light socket 4 and the illuminating device 5 are connected to each other by an electric cord 6. A controlling device (not shown in the drawings) is connected in between the illuminating device 5 and the electric cord 6 to turn the illuminating device 5 on and off in sequence or irregularly.

As shown in FIG. 2, this design will direct or reflect the light from the illuminating device 4 in the gap 3 to the pipe tail to form a light circle. If the electric cord 6 is connected to a brake light system, the light may provide an extra warning signal. If there is more than one illuminating device 5, a different color may be applied.

The outer pipe 2, as shown in FIG. 3, may be formed with holes 21 on its wall for the light from the illuminating device 5 to shine through.

The above said is applied one light socket 4 connected to at least one illuminating device 5. The light socket 4 and the illuminating device 5 may be added, as shown in FIG. 4. A pair of light sockets 4 and 4' are applied with one socket at the front and the other at the rear end in the gap 3. In this figure, there is a hole 41' for the light of the illuminating device 5 to shine through.

With the design of the inner pipe 1 enclosed in the outer pipe 2, the gap 3 will be in a dark place, thus when the illuminating device 5 turns on plus the exhaust pipe tail lighting,

an attractive effect is produced. If the electric cord 6 is connected to the brake light system, the illuminating device 5 may be treated as a warning brake signal.

I CLAIM:

1. A vehicular exhaust pipe with illuminating devices, comprising an inner pipe enclosed in an outer pipe, and forming a gap there between, and being characterized in that:

said gap comprising at least one light socket being connected to at least one illuminating device, said light socket and said illuminating device being connected by means of an electric cord, wherein when said illuminating device being turned on, the light will shine through the tail of said exhaust pipe directly or reflectively.

2. The vehicular exhaust pipe with illuminating devices, as recited in claim 1, wherein a controlling device is added between said electric cord and said illuminating device to turn on and off said illuminating device.

3. The vehicular exhaust pipe with illuminating devices, as recited in claim 1, wherein said outer pipe comprises holes on its wall for light to emit there from.

4. The vehicular exhaust pipe with illuminating devices, as recited in claim 1, wherein said illuminating devices have the same color or different colors.

5. The vehicular exhaust pipe with illuminating devices, as recited in claim 1, wherein said light socket has more than one unit.

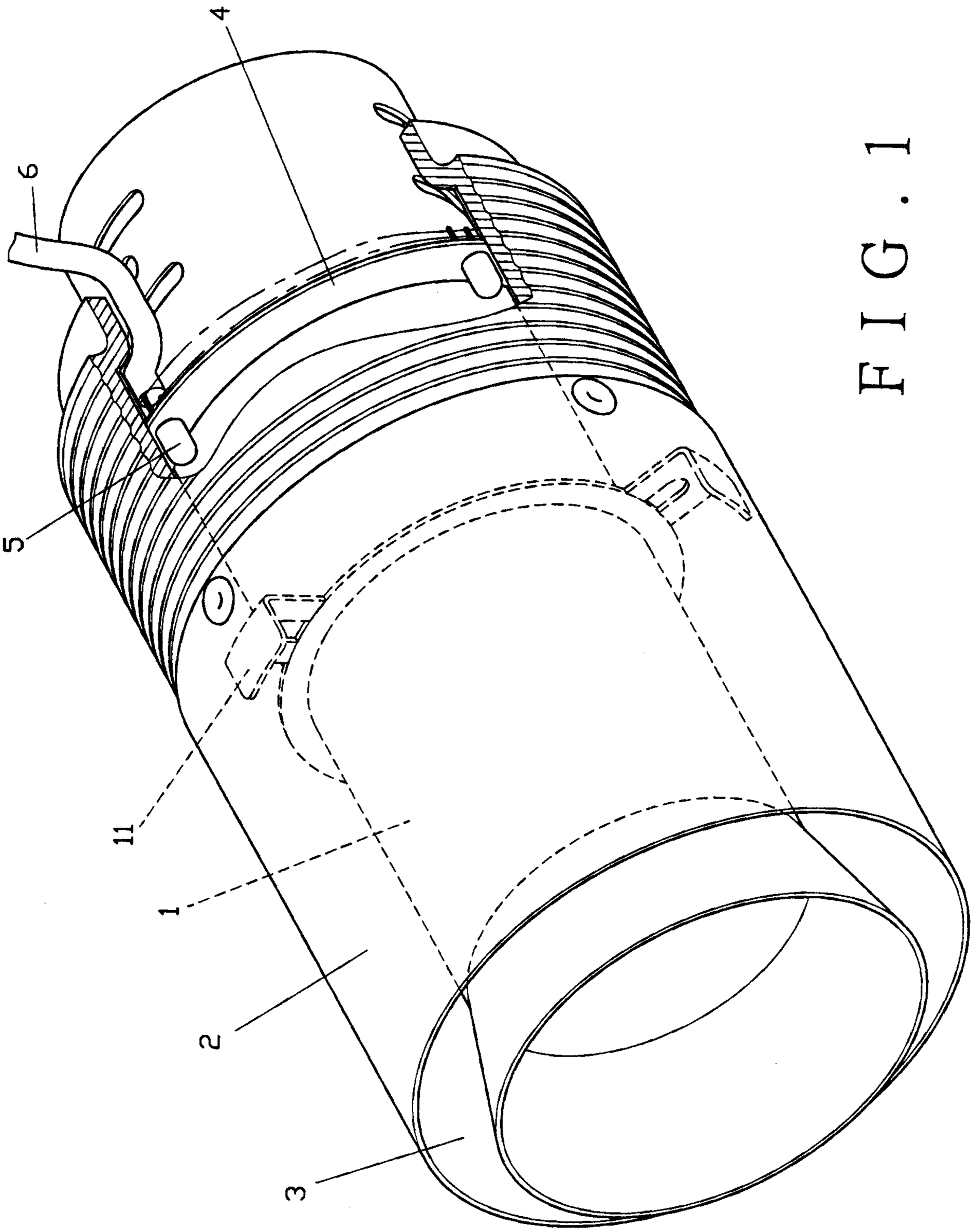


FIG. 1

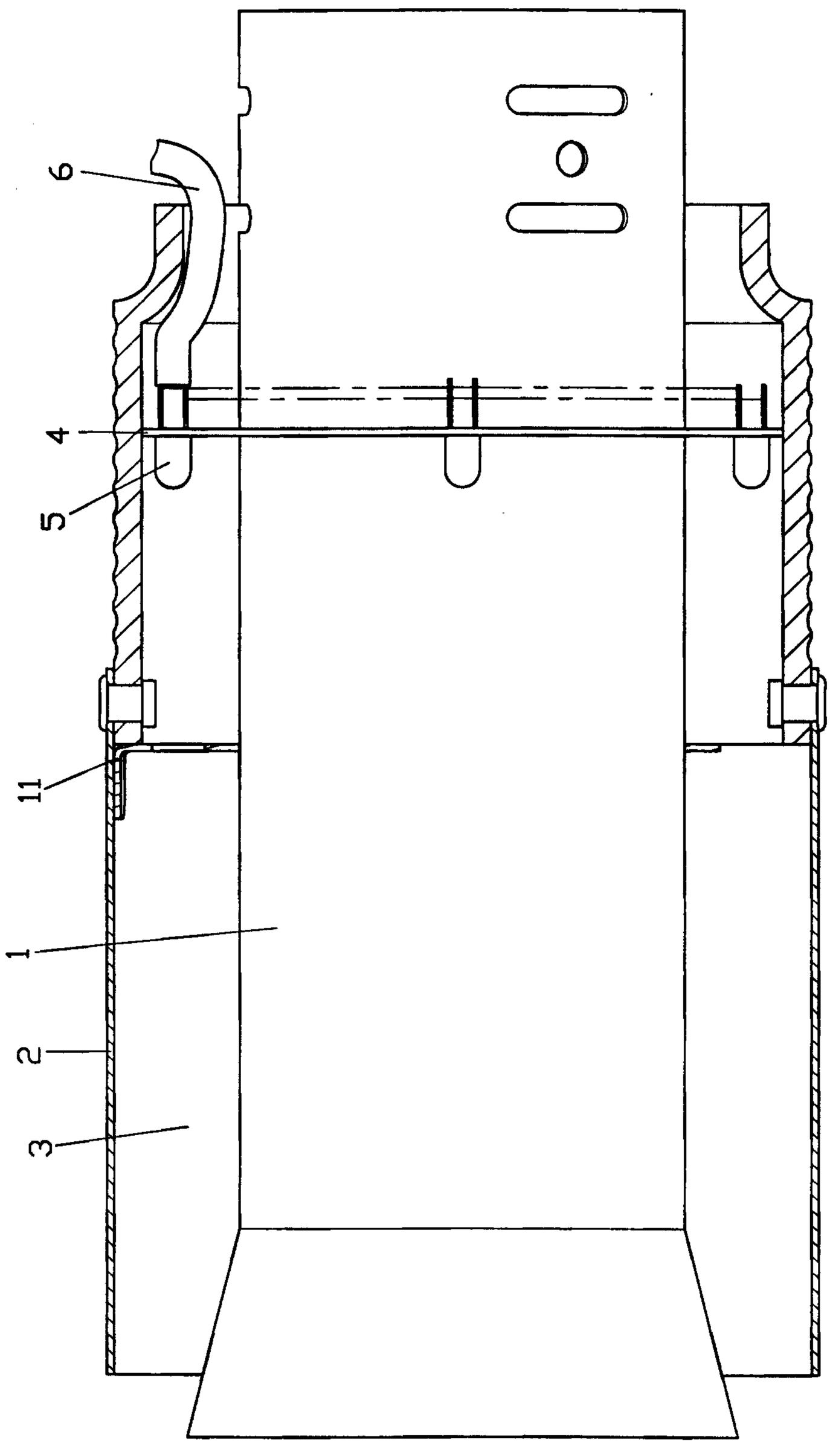


FIG. 2

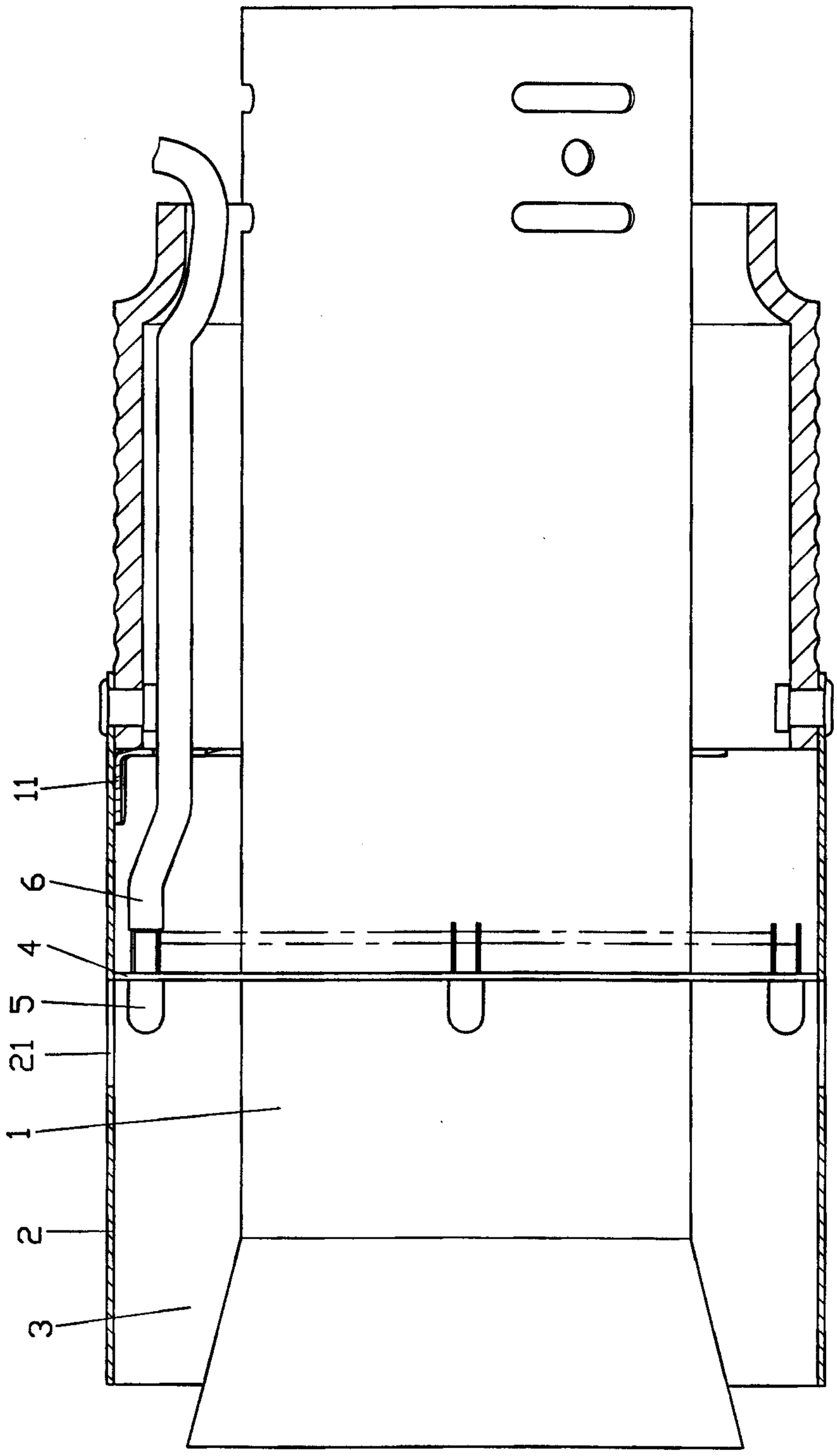


FIG. 3

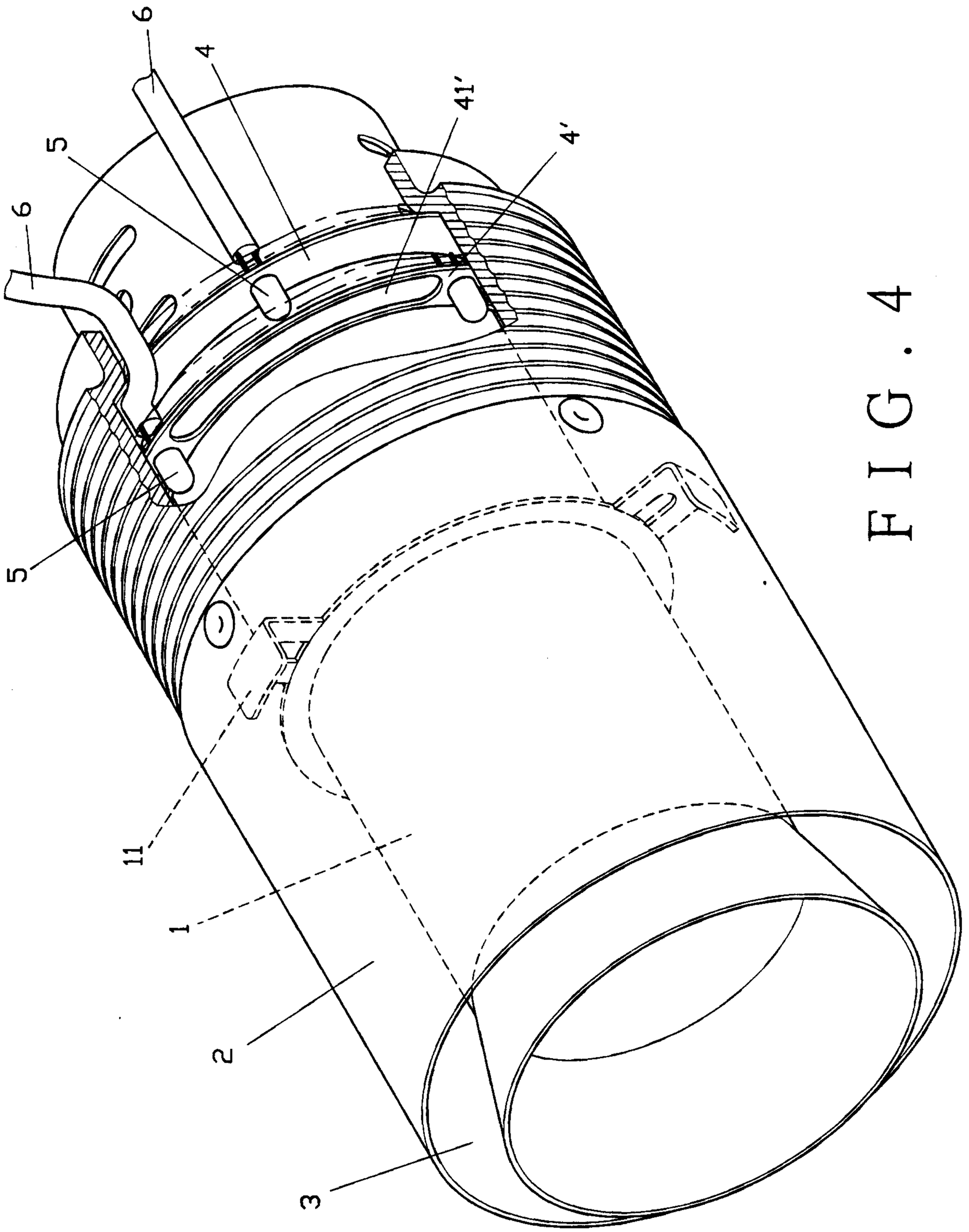
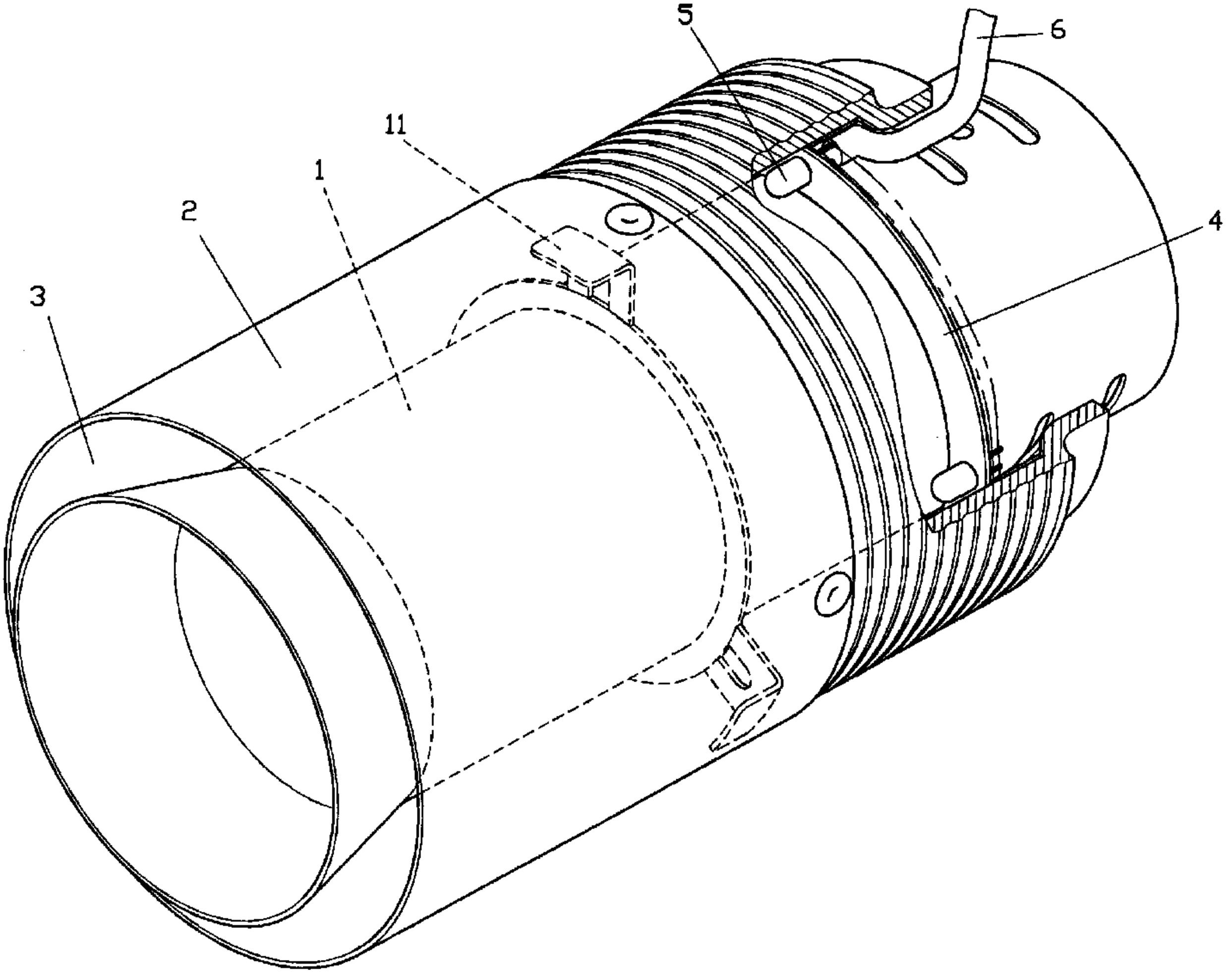


FIG. 4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