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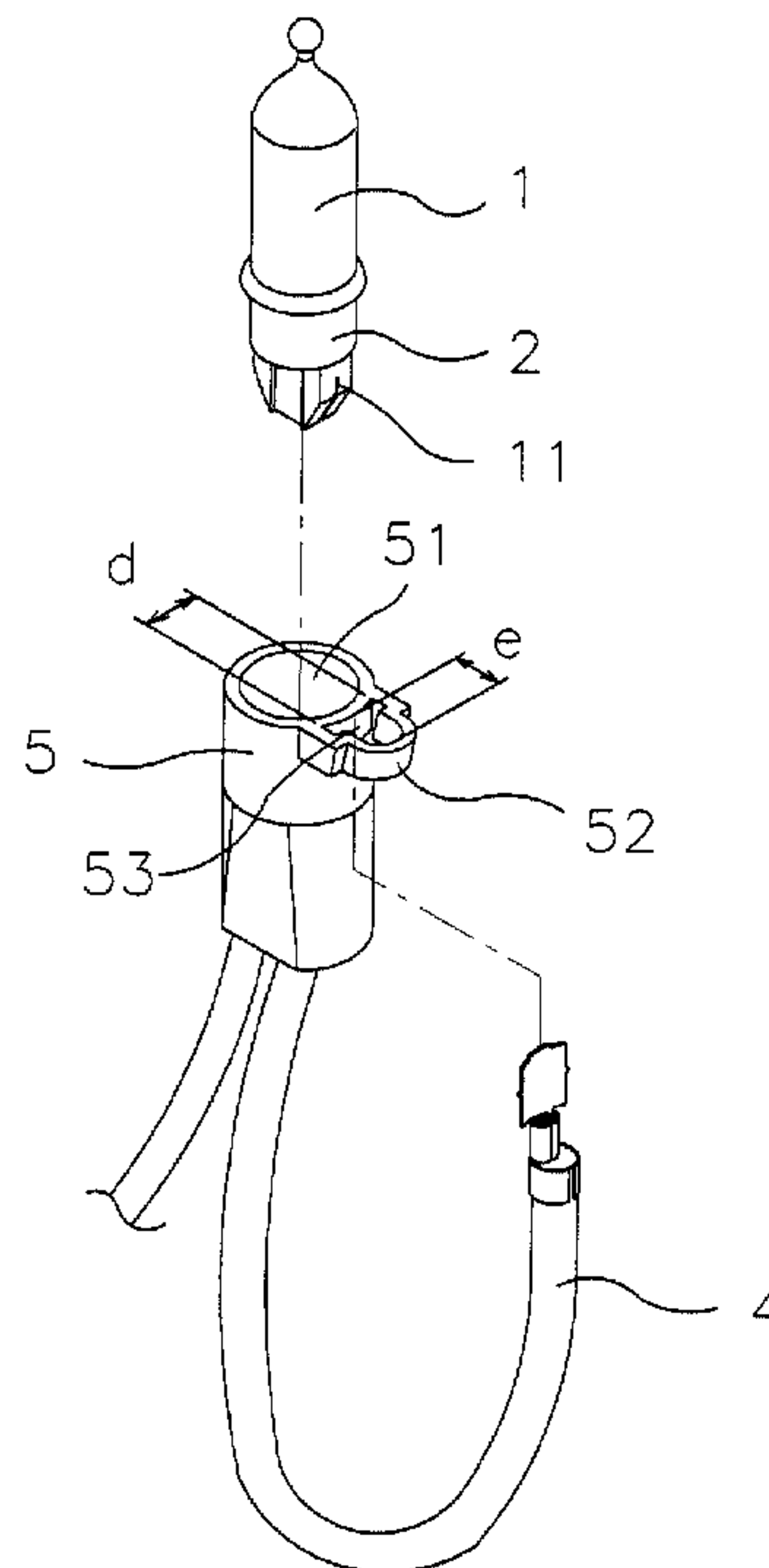
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(54) Titre : LAMPE DECORATIVE

(54) Title: DECORATIVE LIGHT



(57) Abrégé/Abstract:

A decorative light has a bulb, a base for receiving a part of the bulb and a socket for receiving a part of the base together with the bulb. The socket has a retainer with a T-shaped passage and a semicircular hole communicating with the passage, such that a wire with a connecting plate is able to be inserted through the passage and the semicircular hole respectively and the wire is able to be firmly held by the retainer. A rim with a hole is further provided to the socket, such that a wire without a connecting plate is able to be secured by the rim so as to increase the variety of the net-like pattern.



ABSTRACT OF THE DISCLOSURE

A decorative light has a bulb, a base for receiving a part of the bulb and a socket for receiving a part of the base together with the bulb. The socket has a retainer with a T-shaped passage and a semicircular hole communicating with the passage, such that a wire with a connecting plate is able to be inserted through the passage and the semicircular hole respectively and the wire is able to be firmly held by the retainer. A rim with a hole is further provided to the socket, such that a wire without a connecting plate is able to be secured by the rim so as to increase the variety of the net-like pattern.

DECORATIVE LIGHT

BACKGROUND OF THE INVENTION

1. Field of the Invention

The present invention relates to a decorative light, and more particularly to a decorative
5 light having a pair of retainers formed on opposite sides of the socket of the light, such that
the decorative light is able to be engaged with another decorative light to form a net-like
pattern.

2. Description of Related Art

A net-like pattern formed by multiple decorative lights connected with each other is to
10 show colorful and decorative effect in the light. A conventional decorative light is shown in
Fig. 6 and has a bulb 1, a base 2 securely engaged with the bulb 1 and a socket 3 provided to
receive the base 2 therein and having a C shaped clip 31 with an opening 32 on a side of the
socket 3.

When the decorative light is used as a member of a net-like pattern, a wire 4 is inserted
15 into the opening 32 of the clip 31 so as to form a net-like pattern. However, because the
opening 32 is either made too big to hold the wire 4 tightly or is too small for the insertion of
the wire 4, the entire pattern may be destroyed.

Therefore, it is an objective of the invention to provide an improved decorative light to
mitigate and/or obviate the aforementioned problems.

SUMMARY OF THE INVENTION

The primary objective of the invention is to provide a decorative light having a pair of
retainers on opposite sides of the outer periphery of the socket. One of the retainers is a rim
with a T-shaped passage in cross section and a semicircular hole communicating with the
passage. With such an arrangement, the metal plate mounted on the distal end of the wire is
25 able to extend into the passage and the wire is able to be inserted into the hole and thus the
wire is held tightly.

Other objects, advantages and novel features of the invention will become more apparent from the following detailed description when taken in conjunction with the accompanying drawings.

BRIEF DESCRIPTION OF THE DRAWINGS

5 Fig. 1 is an exploded perspective view of a decorative light in accordance with the invention;

Fig. 2 is an exploded perspective view of the decorative light in Fig. 1, wherein the base is detached from the bulb;

10 Fig. 3 is an exploded perspective view showing another preferred embodiment of the invention;

Fig. 4 is a schematic view showing the decorative light is a member of a wet-like pattern;

Fig. 5 is a schematic view showing the decorative light is a member of a wet-like pattern of another preferred embodiment; and

Fig. 6 is an exploded perspective view showing a conventional decorative light.

15 DETAILED DESCRIPTION OF PREFERRED EMBODIMENT

With reference to Figs. 1 and 2, it is to be noted that the decorative light of the present invention has a bulb 1, a base 2 engaged with the bulb 1 and a socket 5 provided for receiving the base 2 together with the bulb 1.

20 The bulb 1 has two connecting strips 11 extending out therefrom and the base 2 has a hole 21 defined to receive a part of the bulb 1. The two connecting strips 11 extend out from a bottom of the base 2 and each is bent to attach opposite side walls of the base 2. The socket 5 has a central hole 51 defined to receive the base 2 together with the bulb 1 and a retainer 52 formed on an upper periphery defining the central hole 51 and having a T shaped passage 521 and a semicircular hole 52 communicating with the passage 521.

25 The decorative light further has two wires 4 each with a connecting plate 41 mounted at a distal end of the wire 4. One connecting plate 41 of each of the wires 4 is inserted into the

socket 5 for connecting with each of the connecting strips 11 and the other connecting plate 41 of the wires 4 is inserted into the retainer 52, wherein the connecting plate 41 is inserted through the T shaped passage 521 and then the wire 4 is inserted through the semicircular hole 522. It is noted that the width d of the passage 521 is slightly larger than the width of the connecting plate 41, such that the connecting plate 41 is able to be inserted through the passage 521. The diameter e of the semicircular hole 522 is slightly larger than the diameter of the wire 4, such that the wire 4 is able to be inserted through the semicircular hole 522 and held firmly by the retainer 5.

Referring to Fig. 3, after the base 2 is assembled with the bulb 1 and two connecting plates 41 of the two wires 4 are inserted into the socket 5 for connecting with the two connecting strips 11, the other end of each of the wires 4 is then inserted through the passage 521 and the semicircular hole 522. Therefore, the decorative light is ready for connection with another decorative light.

Referring still to Fig. 3, in order to increase the variety of the net-like pattern, the socket 5 further has a rim 54 with an aperture 55 defined therethrough, such that the socket 5 is able to engage with a wire 6 having no connecting plate 4. It is to be noted that by using the decorative light of the invention, the wire 6 and the wire 4 will not detach with the socket 5, such that the connection between the decorative lights is secured firmly.

From the above description, it is noted that the invention has the following advantages:

1. simple structure;
2. easy assembly; and
- 3. able to increase the variety of the net-like pattern.

It is to be understood, however, that even though numerous characteristics and advantages of the present invention have been set forth in the foregoing description, together with details of the structure and function of the invention, the disclosure is illustrative only, and changes may be made in detail, especially in matters of shape, size, and arrangement of

parts within the principles of the invention to the full extent indicated by the broad general meaning of the terms in which the appended claims are expressed.

WHAT IS CLAIMED IS:

- 1 1. A decorative light comprising:
2 a base 2 having a hole 21 defined therein;
3 a bulb 1 having two connecting strips 11 extending through the hole 21 of the base 2 for
4 connection with connecting plates of the wire; and
5 a socket 5 having a central hole 51 defined to receive a part of the base 2 together with
6 the bulb 1 and a retainer 52 formed on an upper periphery defining the central hole 51 and
7 having a T shaped passage 521 for receiving the extension of the connecting plate of the wire
8 and a semicircular hole 52 defined to communicate with the passage 521 and to allow the
9 extension of the wire.
- 1 2. The decorative light as claimed in claim 1, wherein the width of the T shaped passage
2 is slightly larger than the width of the connecting plate.
- 1 3. The decorative light as claimed in claim 2, wherein the diameter of the semicircular
2 hole is slightly larger than the diameter of the wire.
- 1 4. The decorative light as claimed in claim 1 further comprising a rim with a hole defined
2 through the rim for receiving a wire therethrough.

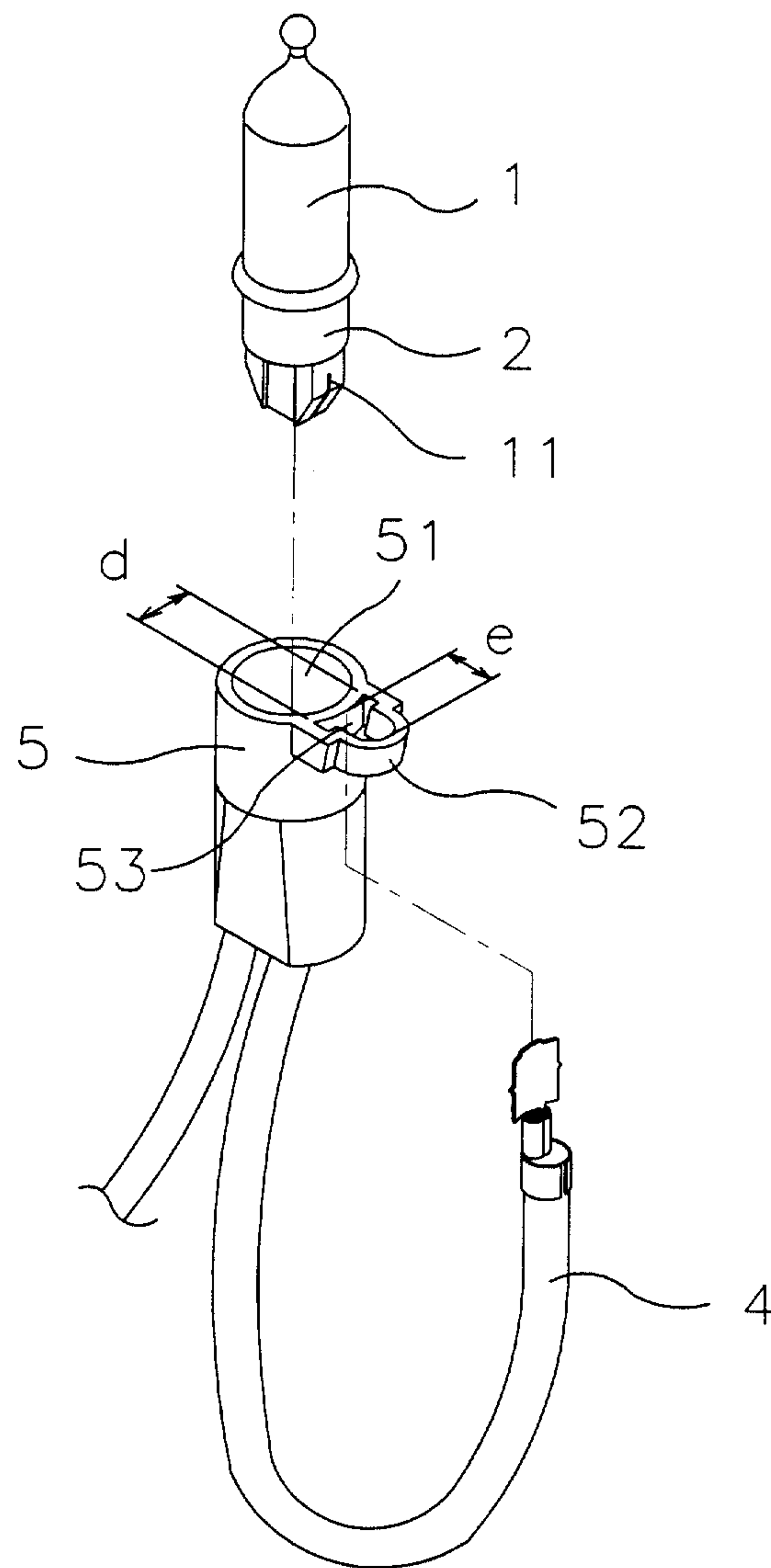


Fig.1

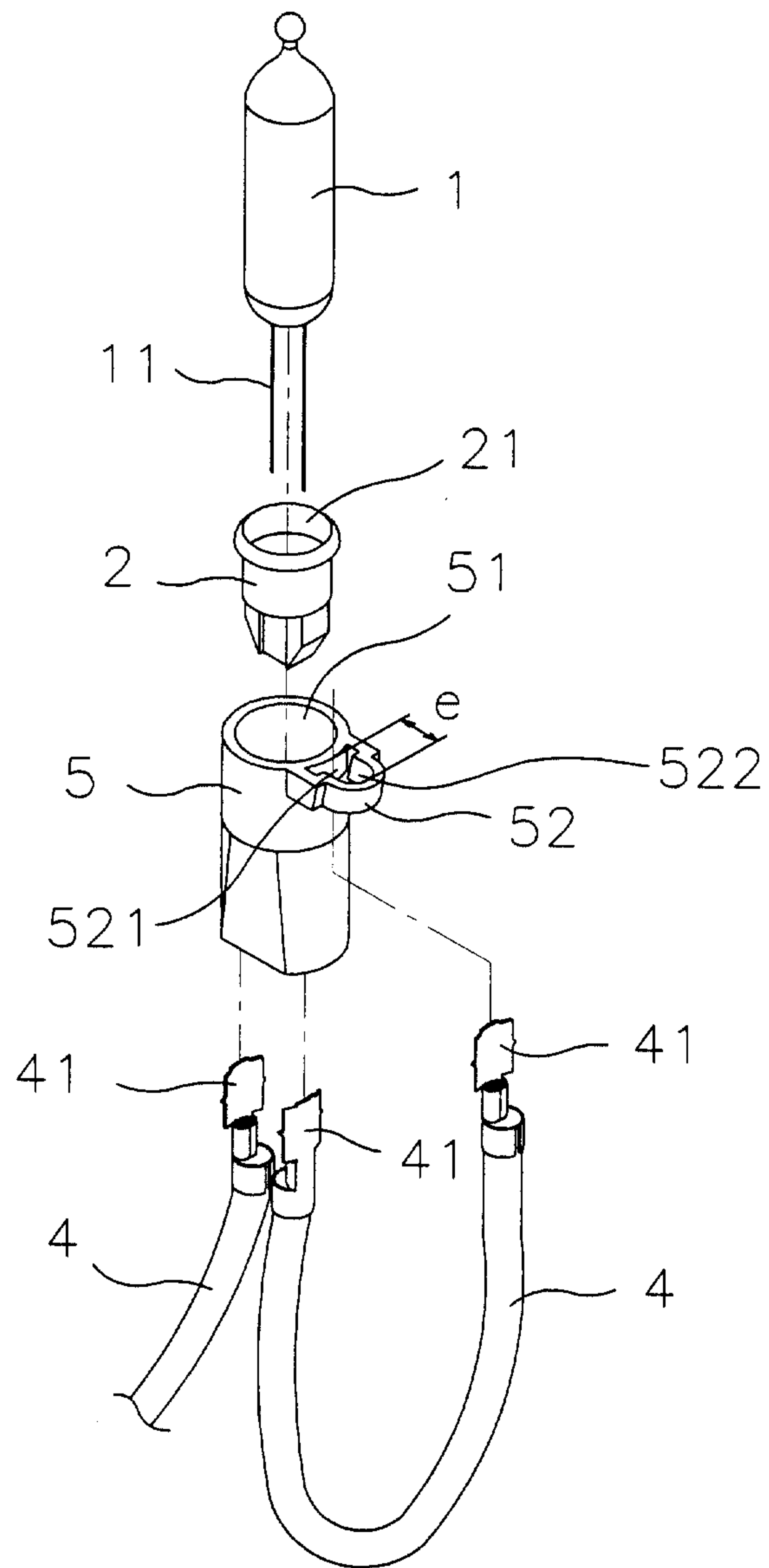


Fig.2

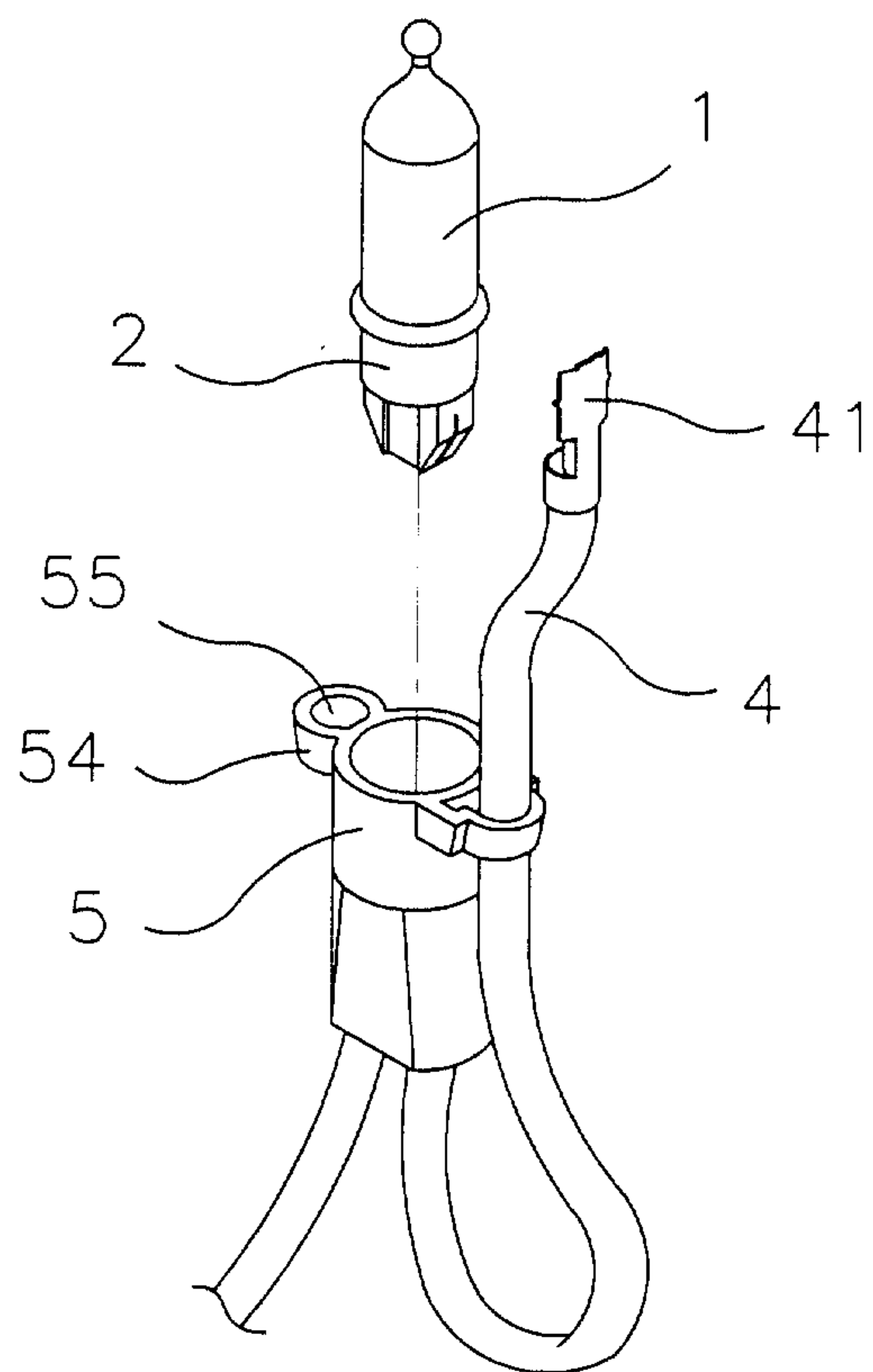


Fig.3

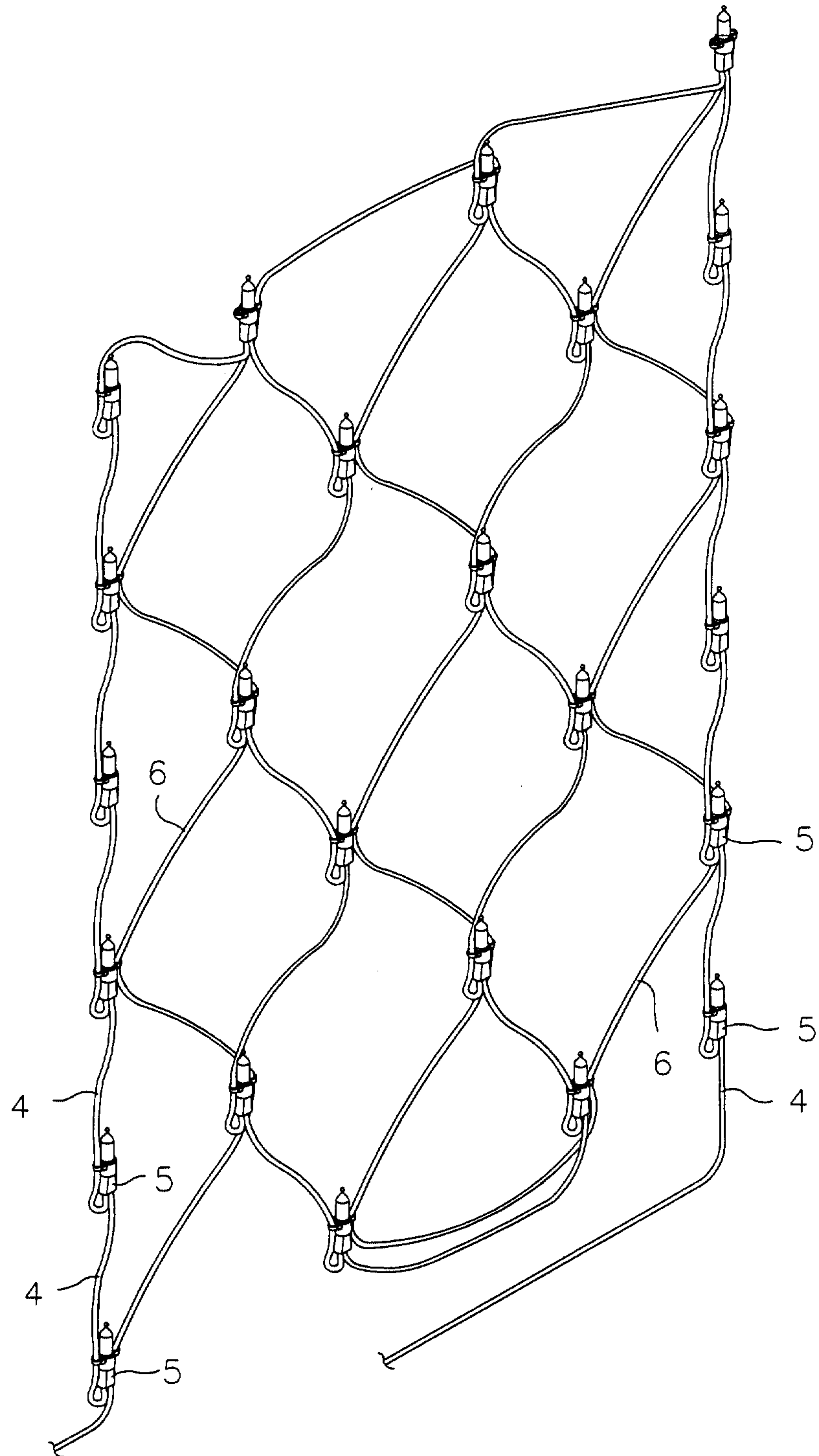


Fig.4

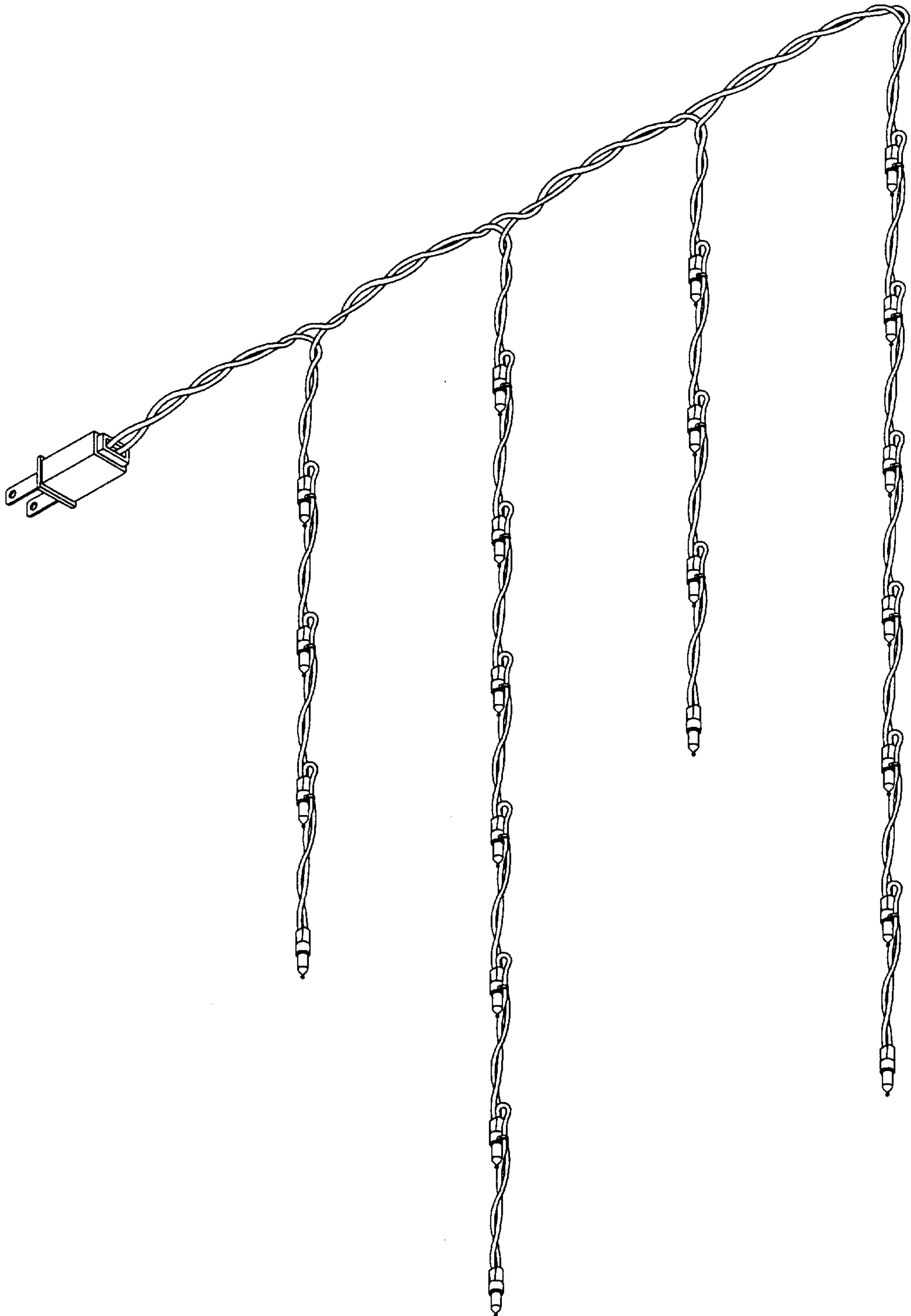


Fig.5

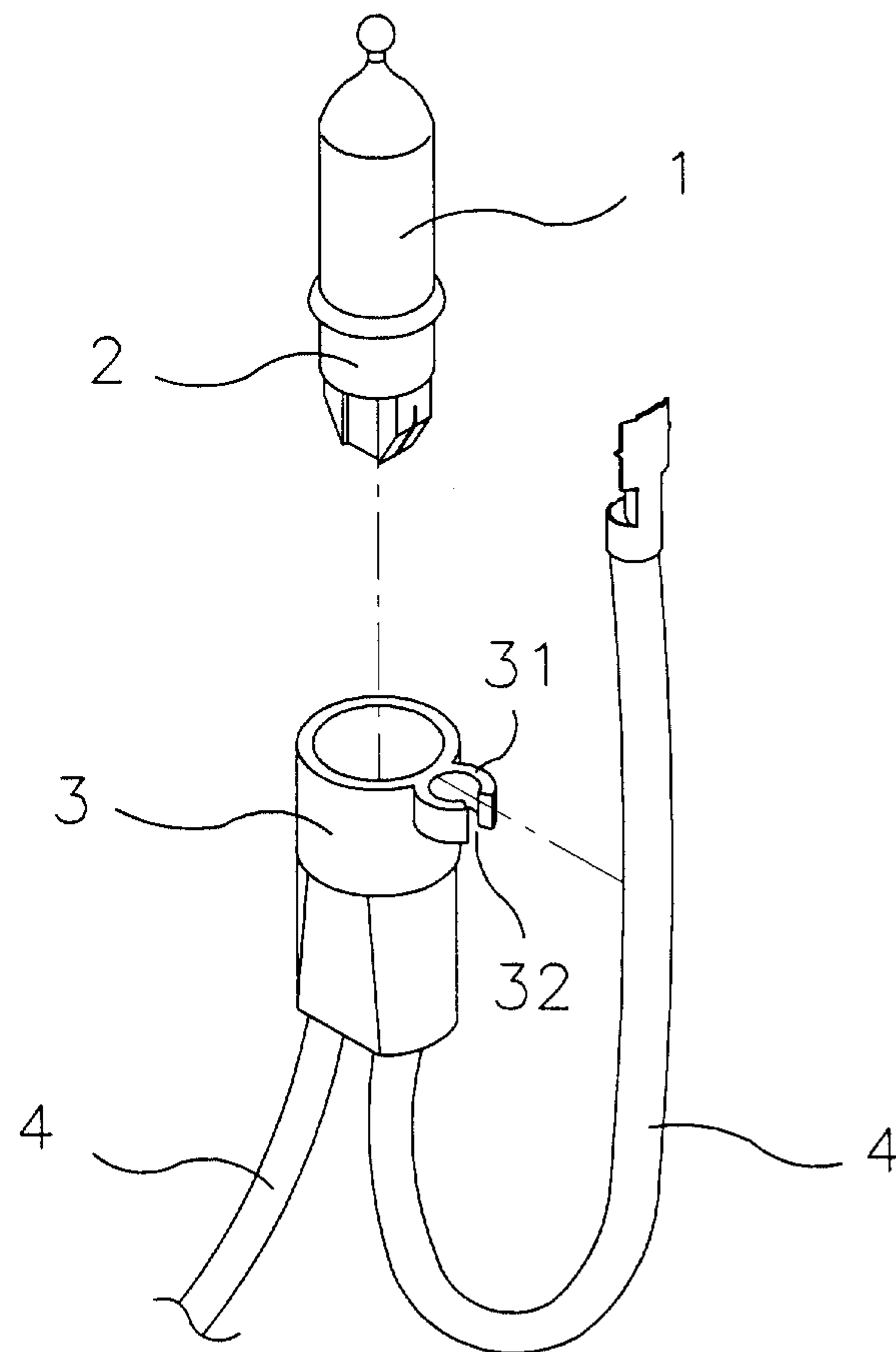


Fig.6 Prior Art

