Aug. 2, 1960 O. E. SHEETS 2,947,505

DOWNSPOUT HANGER

Filed July 30, 1958

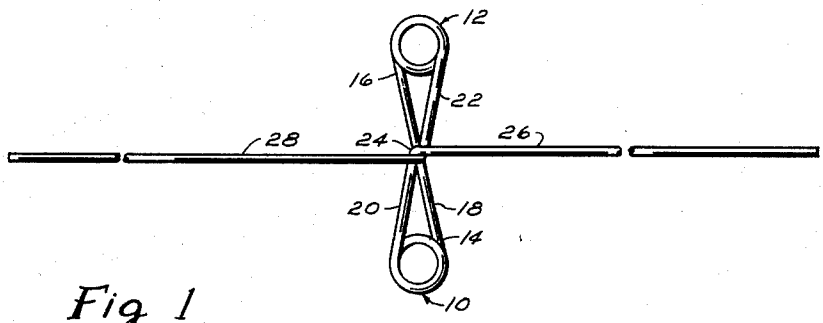


Fig 1

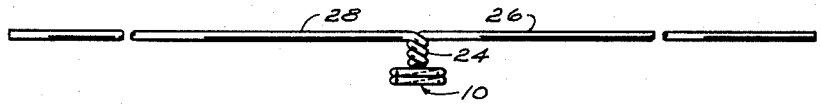


Fig 2

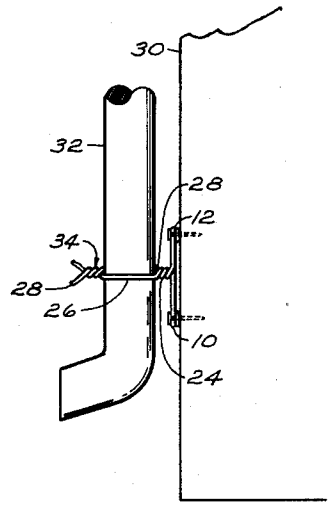


Fig 3

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DOWNSPOUT HANGER

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The present invention relates to a downspout hanger, and more particularly to a hanger fabricated of a single length of wire.

An object of this invention is to provide a downspout hanger which is simple in construction, inexpensive, and easy to install.

It is another object of this invention to provide a downspout hanger which is fabricated from a single length of wire and which fixedly secures a section of downspout a given distance from the side of a building.

Other objects will become apparent as the description proceeds.

To the accomplishment of the above and related objects, my invention may be embodied in the forms illustrated in the accompanying drawings, attention being called to the fact, however, that the drawings are illustrative only, and that specific change may be made in the specific constructions illustrated and described, so long as the scope of the appended claims is not violated.

In the drawings:

Fig. 1 is a front view of one embodiment of this invention;

Fig. 2 is a side view thereof; and

Fig. 3 is a second side view showing the invention as mounted on the side of a building and supporting a section of downspout in place.

Referring to the drawings, the invention comprises a single length of steel or the like wire which is bent into the shape as shown. This shape comprises two spaced-apart eyelets **10** and **12** which are formed as helical coils of approximately one and one-half (1½) turns each. These coils are closed axially, as shown in Fig. 2, the axes of these two coils being substantially parallel. Also, the coils are located in substantially the same plane so as to lie flat against the side of a building as shown in Fig. 3.

One end **14** of the coil **10** and one end **16** of the coil **12** are joined together by a straight length portion **18** of the wire. The other end of the coil **10** is joined by a straight length **20** which extends toward the point midway between the two coils **10** and **12**. Similarly, another straight length of wire **22** extends from the other end of the coil **12** toward the same mid-point, these two straight lengths **20** and **22** being connected together by a twist **24** as shown more clearly in Fig. 2. This twist **24** extends straight outwardly in substantial parallelism with the axes of the two coils **10** and **12** and terminates in two oppositely extending arms **26** and **28** which extend substantially at right angles to an imaginary straight line extending between the two coils **10** and **12**.

In use, the hanger fabricated as shown in Figs. 1 and 2 is secured to the side of a building **30** with the two coils **10** and **12** being vertically aligned. Suitable nails or screws are passed through the openings in the two coils **10** and **12** and are driven into the side of a building for securing the hanger in place. So mounted, the twisted stand-off portion **24** extends outwardly from the building wall. If it is desired to support a section of downspout, such as the downspout **32** of Fig. 3, the downspout is first abutted against the outer extremity of the twisted stand-off **24**. The arm extensions **26** and **28** are passed around the downspout and are twisted together at **34** until the downspout **32** is tightly secured in place.

This hanger is inexpensive, costing considerably less than any similar product known to applicant. It is unique in that it requires only one size to fit all types and sizes

of conduit commonly used on residential type dwellings, the hanger fitting both round and square pipe. Thus, a supplier would need to stock only one size hanger.

The hanger, in addition to holding the conduit securely in place, spaces the conduit a fixed distance away from the building wall. By means of this arrangement, neither moisture nor dirt collect between the conduit and the building wall, thereby preventing the problem of dry rot if the building wall should be fabricated of wood. Being so spaced from the wall, it is possible to paint the portion of the wall immediately behind the supported conduit.

The hanger is strong and can support appreciable loads inasmuch as the two eyelets **10** and **12** are vertically aligned and are connected together by means of force-transmitting lengths of wire.

What is claimed is:

1. A downspout hanger comprising a single length of wire formed to provide two spaced-apart eyelets and two oppositely extending arms which extend at right angles to a straight line intersecting said eyelets, said eyelets being helical coils of approximately one and one-half turns each, said coils lying in substantially the same plane and having the axes thereof substantially parallel, one end of one coil being joined by a straight length portion of said wire to one end of the other coil, the other ends of said coils being joined to two straight lengths of wire, respectively, which extened toward a point midway between said coils, said two straight lengths being connected together at said point by a twist which extends outwardly at substantially right angles to said straight line and to the plane of said coils, the outer ends of the twist terminating in said two oppositely extending arms which are adapted to be wrapped around an object to be supported.

2. A downspout hanger comprising a single length of wire formed to provide two spaced-apart eyelets and two oppositely extending arms which extend at right angles to a straight line intersecting said eyelets, said eyelets being helical coils, said coils lying in substantially the same plane and having the axes thereof substantially parallel, one end of one coil being joined by a straight length portion of said wire to one end of the other coil, the other ends of said coils being joined to two straight lengths of wire, respectively, which extend toward a point midway between said coils, said two straight lengths being connected together at said point by a twist which extends outwardly at substantially right angles to said straight line and to the plane of said coils, the outer ends of the twist terminating in said two oppositely extending arms which are adapted to be wrapped around an object to be supported.

3. A downspout hanger comprising a single length of wire formed to provide two spaced-apart eyelets and two oppositely extending arms which extend at right angles to a straight line intersecting said eyelets, said eyelets being helical coils, said coils lying in substantially the same plane and having the axes thereof substantially parallel, one end of one coil being joined by a portion of said wire to one end of the other coil, the other ends of said coils being joined to two lengths of wire, respectively, which extend toward a point midway between said coils, said two lengths being connected together at said point by a twist which extends outwardly at substantially right angles to said straight line and to the plane of said coils, the outer ends of the twist terminating in said two oppositely extending arms which are adapted to be wrapped around an object to be supported.

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