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ROPE AND WIRE TIE

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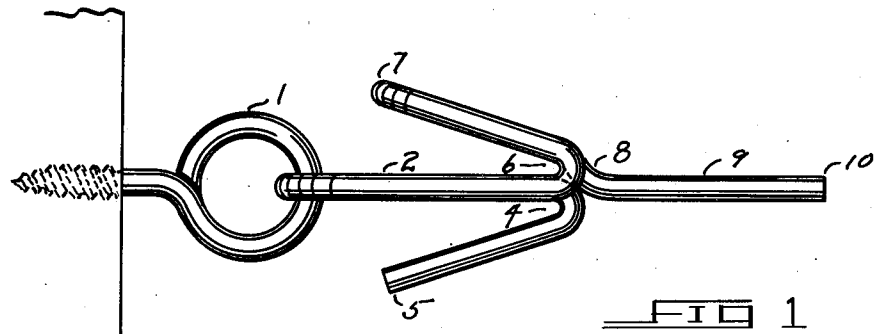


FIG 1

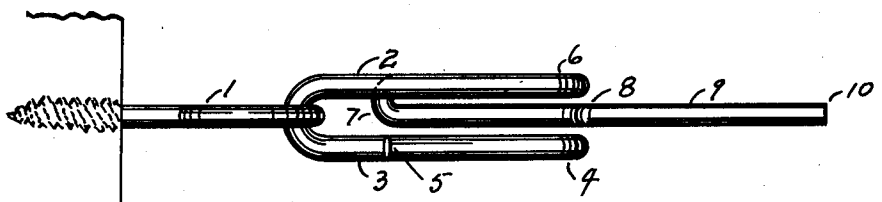


FIG 2

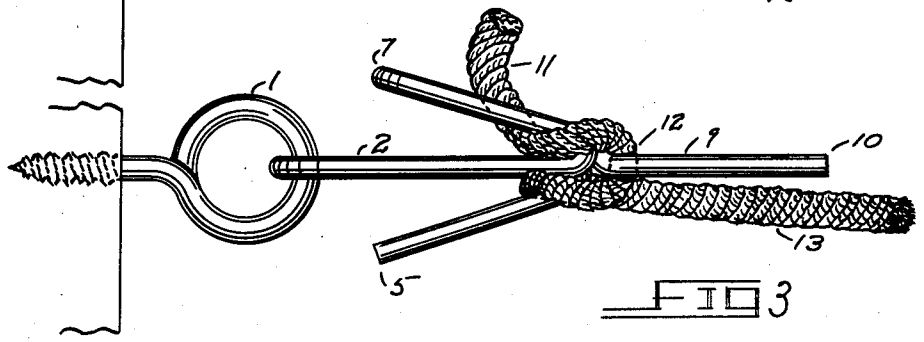


FIG 3

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ROPE AND WIRE TIE

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2 Claims. (Cl. 24—131)

This invention relates to a rope and wire tie.

The principal object of this invention is the provision of a rope and wire tie formed of a section of suitable wire and adapted to hold a rope or wire at the end thereof or along the length thereof.

A further object of this invention is the provision of a rope and wire tie formed of wire and provided with an outwardly extended end portion around which the rope or wire may be passed to insure its proper placement in the gripping sections of the device.

A further object of the invention is the provision of a rope and wire tie formed of suitable material in connection with means for attaching the same to a building or post.

A still further object of the invention is the provision of a rope and wire tie comprising a pair of oppositely disposed hook-like gripping portions adapted to receive and hold by wedge-like action a rope or wire passed therethrough.

The invention shown and described herein has been designed to provide a convenient and practical means for holding a wire or rope. One of the principal uses of the invention is in holding a clothesline as its construction permits the clothesline to be placed in the device with a minimum of effort and the device can be relied upon to securely hold the clothesline until it is manually released. The gripping portions of the device are formed in a V shape so that various sizes of rope or wire may be held by the same device.

In actual use in holding a clothesline several of the devices are positioned in proper positions or locations and the clothesline is attached at one end to one of the devices and strung back and forth between the several devices or other hooks as desired, at its opposite end it is again held by one of the devices.

With the foregoing and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed can be made within the scope of what is claimed without departing from the spirit of the invention.

The invention is illustrated in the accompanying drawing, wherein:

Figure 1 is a side elevation of the rope and wire tie showing the oppositely disposed gripping sections thereof, the device being shown in the position it would normally be in when holding one end of a clothesline.

Figure 2 is a bottom elevation of the device shown in Figure 1, showing the formation thereof.

Figure 3 is a side elevation, like Figure 1, showing a rope positioned in the device.

By referring to the drawing it will be seen that the rope and wire tie comprises a screw eyelet 1 which has attached thereto a section of suitable wire which has been formed into a U shaped body member having arms 2 and 3, the arm 3 being bent back upon itself sharply so as to form a V shaped jaw 4, the arm 3 terminating at a point 5. The other arm 2 of the U shaped body member is also bent back upon itself but in an opposite direction from the arm 3, so as to form a V shaped jaw section 6 which in connection with the jaw 4 form the oppositely disposed gripping sections of the device. The wire forming the arm 2 and the jaw section 6 is carried outwardly to a point 7 where it is doubled back upon itself and follows the shape of the jaw section 6 back to a point 8 where it is shaped into a straight projecting end portion 9 which terminates at a point 10.

It will thus be seen that a continuous length of suitable wire has been placed through the screw eyelet 1 and formed into the U shaped body portion with arms 2 and 3, and that one of these arms, the arm 3, is bent back upon itself sharply to form one gripping jaw while the other arm, the arm 2, is bent backwardly upon itself to form the other gripping jaw. This latter section of wire being bent again so as to follow the said jaw shape back to the original bent thereof at which point the remaining wire is bent to form the outwardly projecting end portion.

It will be seen that the formation of the rope and wire tie herein shown and described requires nothing more than the bending into proper shape of a section of wire to form an effective device and that the same can be formed readily and inexpensively so as to enable it to be made available to the public at low cost.

There are several different ways in which a rope or wire may be positioned on the tie device so that it will be firmly held. One practical way is the positioning of a rope near its end 11 (see Figure 3) in the jaw 6, then wrapping it out and around the projecting end section 9 with a loop of rope 12, and back through the jaw 4, where it again wedges, then the rope itself may be led to the next point of suspension, the portion leading to the next point of suspension being in-

dicated by the numeral 13. It will be seen that the rope or wire will be firmly held when positioned in this manner.

Another practical way of attachment is made by passing a rope near its center, or at any location along its length, through either one of the jaws, wedging it there, then passing it out and around the projecting end 9 and wedging it in the remaining jaw, this will hold the rope or wire firmly, yet will permit it to be released at will.

It will thus be seen that the rope and wire tie shown and described herein has the ability to grip a rope or wire with two gripping actions, as the rope or wire can be wedged in either of the jaws 4 or 6 first and then passed around the projecting end 9 to hold it in wedged position in the first jaw, and then passed thru the second jaw where it again wedges, the double wedging action being made possible by the projecting end 9 which insures the rope or wire remaining wedged in the first jaw.

What I claim is:

1. A rope and wire tie comprising a section of wire bent into a U shape, one arm of the said U shape substantially longer than the other, a middle section of the longer arm bent back upon itself to form a clamping jaw, the remaining wire extending outwardly to form a projecting end, the shorter arm bent back upon itself so as to form a clamping jaw directly opposite the other clamping jaw, the said U shaped wire passed through a screw eyelet so as to provide means for attaching the rope and wire tie to a building or post.

2. A rope and wire tie comprising a section of wire bent into a U shape, one arm of the said U shape substantially longer than the other, a secondary U shape formed in the said longer arm, so as to form a gripping jaw in relation to the first mentioned U shape, the remaining wire of the said longer arm extending outwardly to form a projecting end, the shorter arm bent back upon itself so as to form a secondary gripping jaw in opposed relation to the first mentioned gripping jaw, the said U shape affixed to a screw eyelet so as to provide means for attaching the rope and wire tie to a building or post.

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