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J. M. ANDERSON
ELECTRIC CABLE STRAP
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2,418,539

Fig. 1.

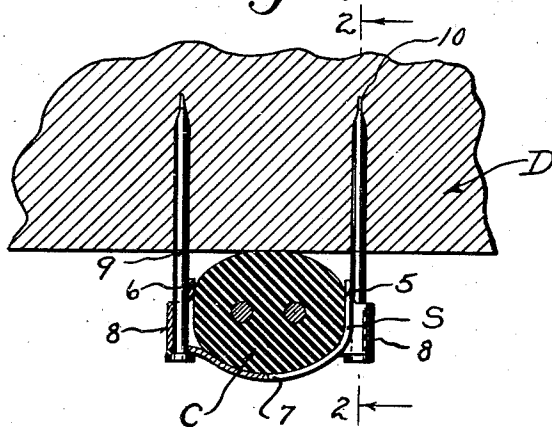


Fig. 2.

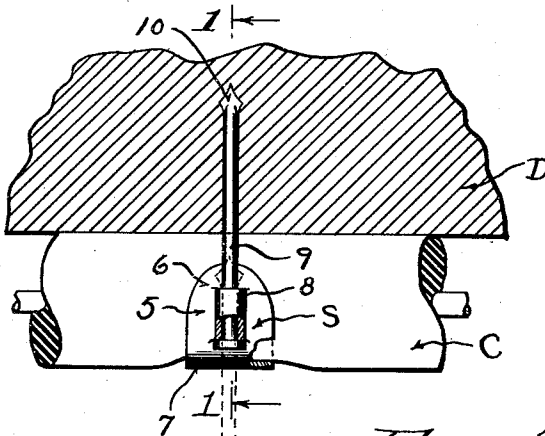


Fig. 4.

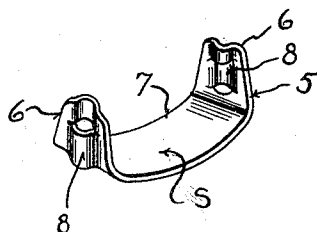
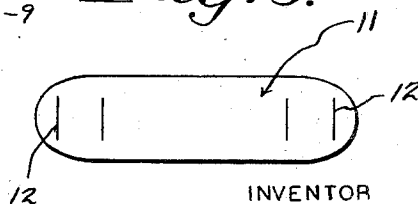


Fig. 3.



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UNITED STATES PATENT OFFICE

2,418,539

ELECTRIC CABLE STRAP

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1 Claim. (Cl. 248—74)

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This invention appertains to fastening devices and more particularly to a novel means for quickly and efficiently securing electric cables to walls, ceilings and other supports.

One of the primary objects of my invention is to provide a strap for embracing various sizes of electric cables with means carried by the strap for expeditiously securing the strap to the support, whereby the cable will be properly and firmly held in a desired position on the support.

Another salient object of my invention is to provide an electric cable securing device embodying a substantially U-shaped strap or clip for embracing the cable which can be quickly and economically stamped from sheet material in quantities.

A further important object of my invention is to provide novel means for forming the strap or clip whereby the fastening elements can be carried directly thereby, and in such a manner that the same can be easily driven in a wall or other support for holding the cable in place.

A still further object of my invention is to provide a simple means for preventing accidental displacement of the fastening elements whereby said fastening elements will be in proper position at all times to be driven into a support when the strap is placed about a cable.

With these and other objects in view, the invention consists in the novel construction, arrangement and formation of parts, as will be hereinafter more specifically described, claimed, and illustrated in the accompanying drawing, in which drawing:

Figure 1 is an enlarged transverse sectional view through one of my supporting clips showing the same in use for holding a cable in position on a support.

Figure 2 is a similar sectional view taken at right angles to Figure 1 and substantially on the line 2—2 of Figure 1.

Figure 3 is a plan view of the strap stamped from sheet material and prior to the final forming thereof.

Figure 4 is a detail perspective view of the strap after the forming thereof and prior to the association of the fastening elements therewith.

Referring to the drawing in detail, wherein similar reference characters designate corresponding parts throughout the several views, the

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letter S generally indicates my novel clip or strap for holding a cable C on a support D. The support can obviously be a wall, ceiling or the like.

The electric cable C can be of any preferred character and my clip is particularly adapted for holding electric cables in place of the type known to the trade as "Romex."

The strap S can be quickly and easily fabricated from sheet metal and includes a substantially U-shaped body 5 including spaced parallel legs and connecting arcuate body 7. The legs 6 have stamped out therefrom barrels 8 for a purpose, which will be now set forth. The barrels 8 are adapted to slidably receive nails 9, so that when the strap is placed around a cable the nails can be readily and easily driven into the support D. Obviously, the heads of the nails 9 will draw the strap into intimate contact with the cable and firmly hold the cable against the support.

It is preferred to flatten the pointed terminals of the nails 9 as at 10 so that these flattened terminals will have a greater width than the diameter of the barrels 8. This will effectively prevent loss of the nails from the barrels.

The strap itself can be economically stamped out in quantities from sheet metal and in Figure 3 I have shown one step of forming the strap. As is clearly illustrated in Figure 3, the strap can be stamped out of a piece of flat sheet metal 11 and at the time of the stamping spaced parallel slits 12 are formed in each end of the metal so that the barrels 8 can be fabricated.

From the foregoing description, it can be seen that I have provided an efficient but simple means for effectively connecting electric cables to supports.

Changes in details may be made without departing from the spirit or the scope of my invention, but what I claim as new is:

A device for securing electric cables to a wall or other surface comprising a U-shaped support including a body portion and spaced parallel legs, each of said legs being provided with spaced parallel transverse slits, outwardly extending barrels struck out from said legs between the slits, the uppermost slits in said legs being in close proximity to the ends of the body portion, whereby the outer ends of said barrels terminate adjacent to the ends of said body portion, and said legs beyond said barrels having bowed por-

tions extending inwardly of the inner surfaces of the legs constituting substantial continuations of said barrels, said bowed portions being located at the forward end of said legs and defining gripping members for initially engaging the cable 5 when the clip is placed on the cable.

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