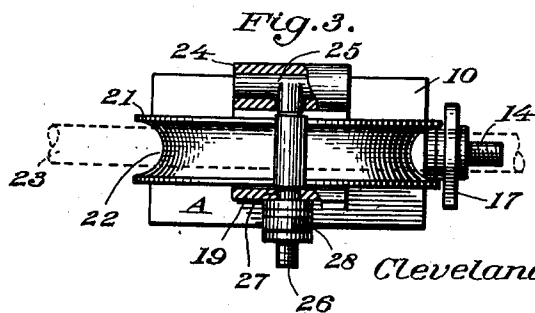
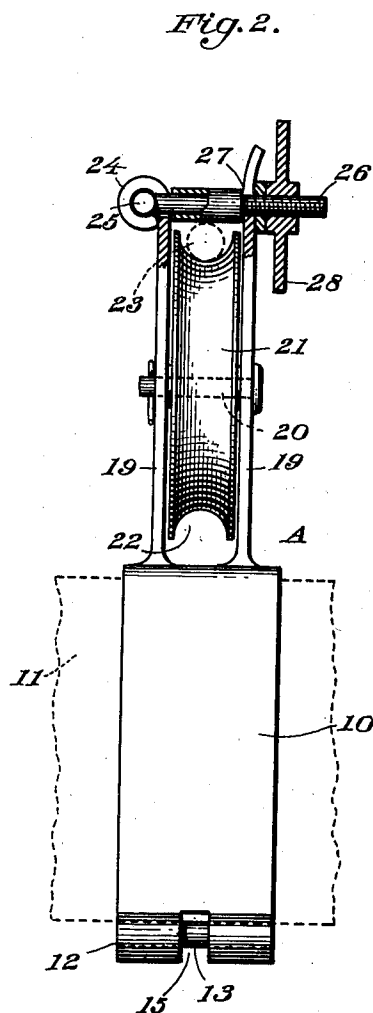
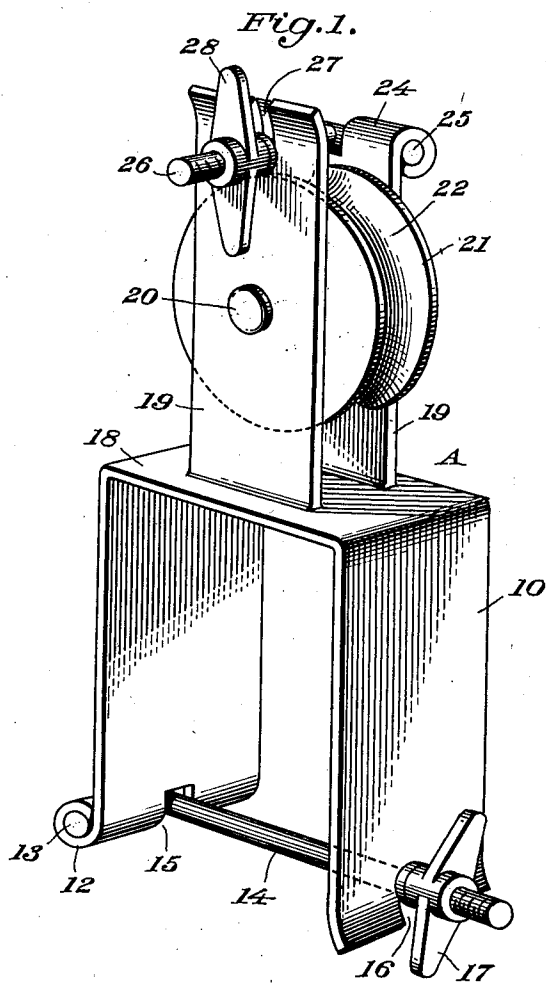


Jan. 30, 1940.

C. B. INGRAM
WIRE STRINGING BLOCK
Filed Aug. 5, 1938

2,188,715



Cleveland B. Ingram:
INVENTOR

BY *Victor J. Evans & Co.*
ATTORNEYS

UNITED STATES PATENT OFFICE

2,188,715

WIRE STRINGING BLOCK

Cleveland B. Ingram, Baker, Oreg.

Application August 5, 1938, Serial No. 223,368

2 Claims. (Cl. 175—376)

The invention relates to an electric cable or wire hanger and more particularly to a wire stringing block.

The primary object of the invention is the provision of a device of this character, wherein the use thereof it is fastened in position on a cross arm and when so fastened will enable the stringing of electric cables, wires or the like, accommodating varying sizes within determined extent and will permit either weather-proof or bare cables or wires to sag evenly at spans of the line created thereby in that the wires will be free of the cross arm when being pulled to proper tension.

Another object of the invention is the provision of a device of this character, wherein in the stringing of distribution wires on top of a cross arm or arms in proper position for tying to insulators the said wires can be correctly distributed and also assures expeditiously the renewing or replacing of such wires in distribution construction and at the same time avoids the weather-proof wires from being worn flat resultant from pulling over the cross arm or arms on distribution thereof as well as reducing the danger of the wires being pulled from swinging into parallel wires carrying high voltage and thus making a safer operation to install new wires.

A further object of the invention is the provision of a device of this character, wherein, by reason of its construction, there is eliminated at least two climbs on each pole thus reducing the hazards of climbing as well as saving labor for the reason that wires when strung will be in position for tying to the insulators when pulled.

A still further object of the invention is the provision of a device of this character, wherein the construction thereof eliminates the necessity of climbing poles to loosen wires that are sticking and cutting cross arm or arms, the wire or wires being readily placed on and removed from the rotary pulley constituting a part of the device and when upon this pulley will be maintained engaged therewith.

A still further object of the invention is the provision of a device of this character, which is simple in its construction, thoroughly reliable and efficient in operation, readily and easily applied to the cross arm of a pole or other support for electric lines, cables, wires or the like and inexpensive to manufacture and install.

With these and other objects in view, the invention consists in the features of construction, combination and arrangement of parts as will be hereinafter more fully described, illustrated in

the accompanying drawing, which discloses the preferred embodiment of the invention and pointed out in the claims hereunto appended.

In the accompanying drawing:

Figure 1 is a perspective view of the device constructed in accordance with the invention.

Figure 2 is a side elevation thereof partly in section and in applied position.

Figure 3 is a top plan view partly in section.

Similar reference characters indicate corresponding parts throughout the several views in the drawing.

Referring to the drawing in detail, A designates generally the device constructed in accordance with the invention which comprises an inverted substantially U-shaped frame or yoke adapted to receive therein a cross arm of a pole or other support for electric cables, wires or the like, a portion of the support being indicated at 11 by dotted lines in Figure 2. This frame or yoke at one side thereof is provided with a pintle sleeve 12 for a cross pintle 13 of a binding or clamping bolt 14, the sleeve being cut away at 15 to allow swinging movement of the bolt 14 while the other side of said frame or yoke 10 has a seat or notch 16 therein opening through the free edge of said side and accommodates the bolt 14 which carries an adjusting wing nut 17. Through the use of the bolt 14 with its nut 17 and the mounting thereof on the frame or yoke 10, the latter can be made secure to the cross arm 11.

Rising from the frame or yoke 10 at its top 18 is a pair of spaced upstanding bearing cheeks or ears 19 accommodating an axle 20 of a pulley wheel 21, which is disposed between the cheeks or ears 19, and engageable within the peripheral grooved portion 22 of this pulley 21 is a cable, wire or the like for the stringing thereof over the cross arm 11, the cable being indicated at 23 by dotted lines in Figures 2 and 3 of the drawing.

One cheek or ear 19 has formed therewith a pintle sleeve 24 accommodating a cross pintle 25 of a bolt 26 which is accommodated in a notch or seat 27 provided in the other cheek or ear 19 and this bolt has threaded thereon a winged nut 28 so that the bolt when in the seat or notch 27 will overlie the pulley 21 or will be disposed crosswise of the peripheral groove 22 therein at the uppermost point of said pulley and in this way the cable, wire or the like 23 will be retained engaged upon the said pulley yet such cable, wire or the like is free to be pulled upon or slackened as the occasion may require.

From the foregoing it will be obvious that the device can be readily applied to a cross arm and

assures the easy stringing of a cable, wire or the like as well as enabling the proper pulling action upon the same for tensioning thereof and avoids contact of the cable, wire or the like with a cross arm, which, on the pulling of such cable, wire or the like, would cut into the same or damage the covering of such cable, wire or the like if weather-proofed.

What is claimed is:

- 10 1. A wire screen block comprising a substantially U-shaped yoke formed from a strip-like piece of metal permanently closed at one end and open at the other for saddling a support, spaced parallel ears joined with the closed end of said
- 15 yoke and outstanding therefrom, an axle separably mounted transversely of said ears, a pulley wheel journaled on said axle between the said ears, a T-shaped bolt forming a cross head pintle having hinge connection with one of said ears,
- 20 the other of said ears being receptive of the said bolt when disposed crosswise of said ears, and a

wing nut on said bolt for retaining the same in its crossed relation to the ears for the holding of a cable engaged with the pulley.

2. A wire screen block comprising a substantially U-shaped yoke formed from a strip-like piece of metal permanently closed at one end and open at the other for saddling a support, spaced parallel ears joined with the closed end of said yoke and outstanding therefrom, an axle separably mounted transversely of said ears, a pulley wheel journaled on said axle between the said ears, a T-shaped bolt forming a cross head pintle having hinge connection with one of said ears,
- 10 the other of said ears being receptive of the said bolt when disposed crosswise of said ears, a wing nut on said bolt for retaining the same in its
- 15 crossed relation to the ears for the holding of a cable engaged with the pulley, and means for closing the open end of the yoke and the fastening thereof to the support.

CLEVELAND B. INGRAM.