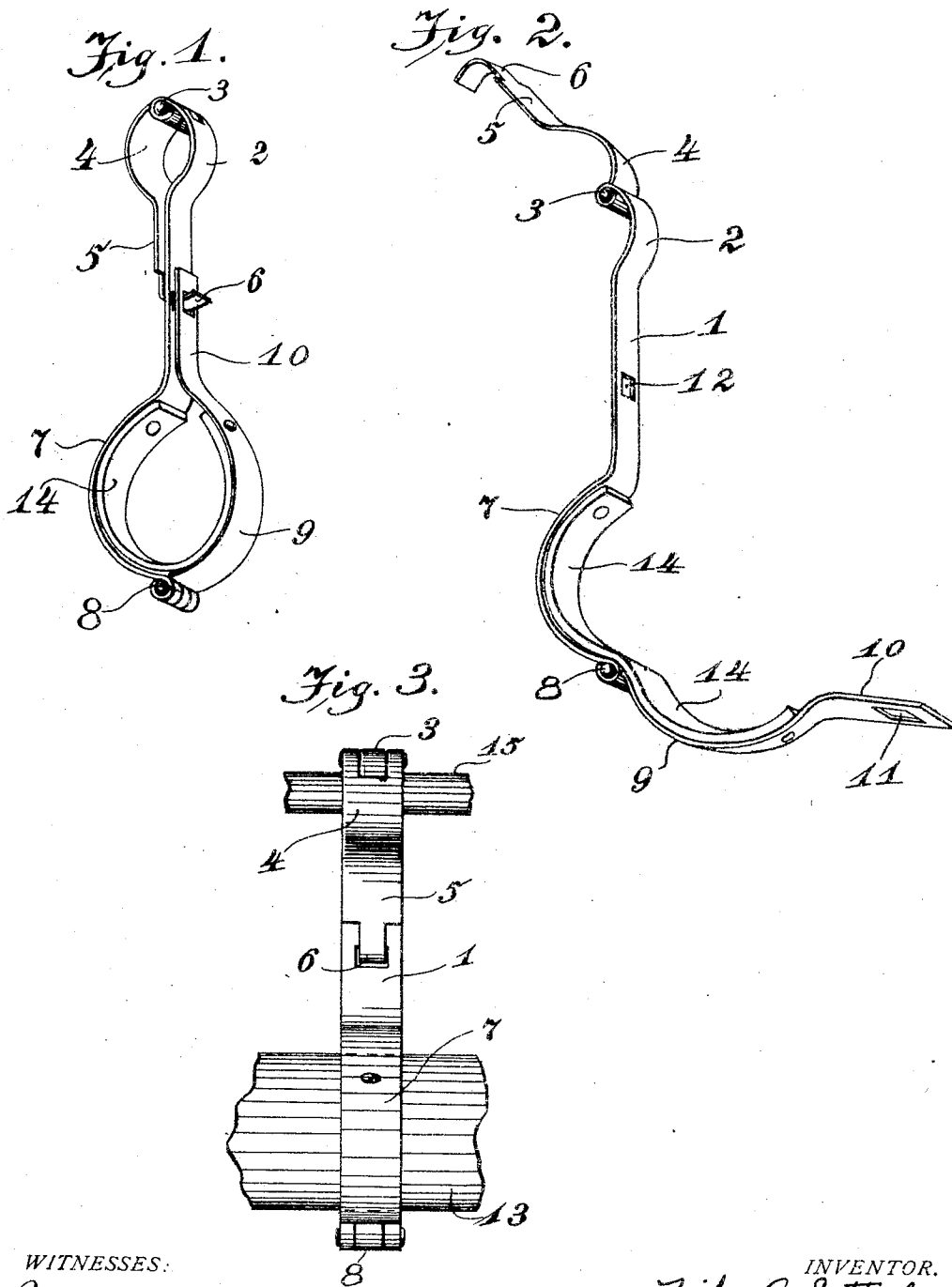


No. 789,830.

PATENTED MAY 16, 1905.

N. A. ZETTERLUND.
CABLE HANGER.

APPLICATION FILED NOV. 25, 1904.



WITNESSES:

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UNITED STATES PATENT OFFICE.

NILS A. ZETTERLUND, OF DULUTH, MINNESOTA.

CABLE-HANGER.

SPECIFICATION forming part of Letters Patent No. 789,830, dated May 16, 1905.

Application filed November 25, 1904. Serial No. 234,241.

To all whom it may concern:

Be it known that I, NILS A. ZETTERLUND, a citizen of the United States, residing at Duluth, in the county of St. Louis and State of Minnesota, have invented certain new and useful Improvements in Cable-Hangers; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to cable-hangers, and has for its object the provision of a durable and quickly-attachable hanger adapted to be suspended by a supporting-wire and to furnish a strong support for a cable, especially a cable of electric wires.

It consists in the combination of three strips of metal bent to suitable shapes and hinged together to form a double bracelet.

It also consists of certain other constructions, combinations, and arrangements of parts, as will be hereinafter described and claimed.

In the accompanying drawings, Figure 1 is a perspective view of my said invention in closed or operative position. Fig. 2 is a perspective view of the same in open position. Fig. 3 is a side elevation of the same in operative position, showing said invention suspended from a supporting-wire and supporting a cable.

In the drawings, 1 is the central portion of a strip of metal or other suitable material, preferably bent at one end, as at 2, to form one half of the circle or approximate circle of a bracelet. To said end is hinged, preferably as at 3, a second strip of metal or other suitable material bent, as at 4, to form the other part of said bracelet and provided intermediate of its ends with the straight portion 5, adapted in operative position to extend parallel with said central portion and terminating in an upwardly-directed hook 6 of less width than said central portion. The opposite end of said central portion is oppositely bent, as at 7, to form one half of a similar but preferably larger bracelet, and hinged to said end, as at 8, is a third strip of metal or other suitable material bent, as at 9, to form the other half of the last said bracelet and ter-

minating in a straight portion 10, adapted in operative position to lie parallel with said central portion 1. Said portion 10 is provided with an aperture 11, adapted in operative position to register with a similar aperture 12, formed in said central portion, through which apertures the hook 6 is in operative position adapted to extend. Secured in any suitable manner within the larger of said bracelets, which is designed to hold the cable 13 of electric wires, is a strip or bushing of rubber 14 or other suitable material, adapted to form a cushion for said cable to prevent abrasion of the covering thereof and to form a non-conductor of electricity between said bracelet and said cable.

While I have described the bends of the bracelets as being divided between the central strip and the end strips, it will be obvious without further description that the bends may be located wholly on the end strips by slightly changing the location of the hinges. Other minor modifications may also be made within the spirit and scope of my invention.

In operation the larger bracelet is opened and passed around the cable. The smaller bracelet is opened and passed around the suspending-wire 15. Both bracelets are then closed. It will be observed that the position of the hook 6 is such that the weight of the cable will tend to keep said hook in position, but that by pressing the thumb or finger against the tip of the hook it may readily be forced out of said apertures to open said bracelets.

My invention will be particularly useful in suspending heavy cables from overhead wires between telegraph or telephone posts.

Having now described my invention, what I claim, and desire to secure by Letters Patent, is—

1. A cable-hanger comprising a central strip, two end strips hinged to the corresponding ends thereof, and means for locking the free ends of said end strips to said central strip.

2. A cable-hanger comprising a central strip, two end strips hinged to the corresponding ends thereof and forming wire or cable grasping loops at such ends, two of said strips having apertures formed therein and the other

of said strips having means formed thereon adapted to engage said apertures to lock the free ends of said end strips to said central strip.

5 3. A cable-hanger comprising a central strip, two end strips hinged to the corresponding ends of said central strip and adapted to turn back against said central strip, and means for securing the free ends of said end strips
10 in operative position.

4. A cable-hanger comprising a central strip, two end strips hinged to said central strip and adapted to turn back against said central strip, and means for securing the free
15 ends of said end strips together.

5. A cable-hanger comprising a central strip, two end strips hinged to said central strip and adapted to turn backward parallel with the central portion of said central strip,
20 means for holding the free ends of said end

strips in said backward-turned position, and a bushing of comparatively soft or yielding material secured within the loop formed at one end of said hanger.

6. A cable-hanger, comprising a central 25 strip, two end strips hinged to said central strip and adapted to turn backward parallel with the central portion of said central strip, means for holding the free ends of said end portions in said backward-turned position, and 30 a bushing of electricity-non-conducting material secured within the loop formed at one end of said hanger.

In testimony whereof I hereunto affix my signature in presence of two witnesses.

NILS A. ZETTERLUND.

Witnesses:

JAMES T. WATSON,

WELLINGTON M. BLEWETT.