Aug. 26, 1924. 1,506,668

S. S. ROSE ET AL

UTILITY HOOK CLUSTER

Filed Oct. 15, 1923

Fig. 1

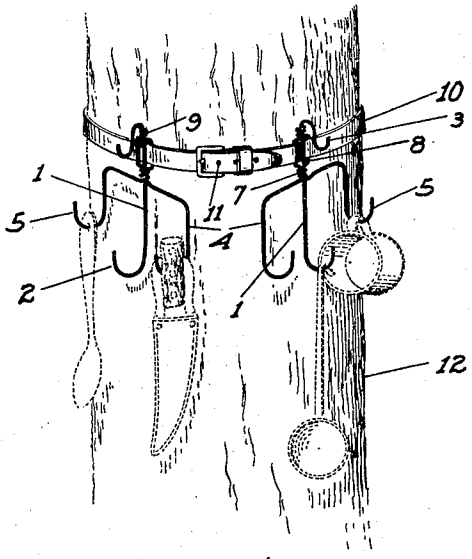
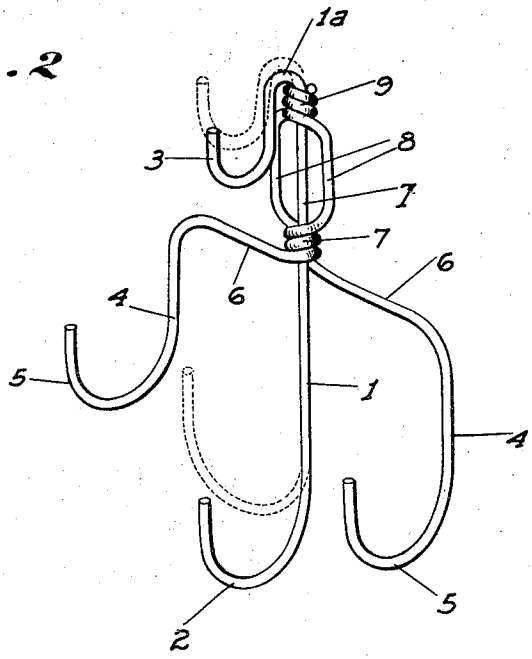


Fig. 2



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UNITED STATES PATENT OFFICE.

SAMUEL S. ROSE AND SUSAN L. SWOPE, OF SAN JOSE, CALIFORNIA.

UTILITY HOOK CLUSTER.

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To all whom it may concern:

Be it known that we, SAMUEL S. ROSE and SUSAN L. SWOPE, citizens of the United States, residing at San Jose, county of Santa Clara, State of California, have invented certain new and useful Improvements in Utility Hook Clusters; and we do declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, and to the characters of reference marked thereon, which form a part of this application.

This invention relates to improvements in supporting hooks, our main object being to provide a cluster of hooks of the above character arranged in a compact unit and arranged to be removably attached to a post tree or similar object by means of a belt or strap of any suitable nature.

Our hook-cluster is therefore well adapted, and in fact is especially intended, for general utility use in temporary camps and the like, where it is usually a problem to provide for the hanging up of articles of clothing, cooking utensils and the like.

Our hook cluster or a number of them on a single strap or belt may be mounted in position, or detached, in but a second's time, and well eliminate the need of driving nails to serve as hooks, or similar crude and unsatisfactory makeshifts.

Our cluster is light and takes up but little room when packed, and yet its capacity for supporting articles is considerable.

A further object of the invention is to produce a simple and inexpensive device and yet one which is exceedingly effective for the purposes for which it is designed.

These objects we accomplish by means of such structure and relative arrangement of parts as will fully appear by a perusal of the following specification and claims.

In the drawings similar characters of reference indicate corresponding parts in the several views:

Fig. 1 is a fanciful view showing a pair of our hook clusters as mounted in position and supporting numerous articles thereon.

Fig. 2 is a detached and enlarged view of the cluster.

Referring now more particularly to the characters of reference on the drawings, the numeral 1 denotes a vertical length of light rod or heavy wire terminating at its lower end in an upturned hook 2 and being bent over and down at its upper end to form another upturned but smaller hook 3.

A suitable distance on each side of the member 1 and parallel thereto are other wires or rods 4 having upturned hooks 5 on their lower ends, preferably on a somewhat higher plane than the hook 2.

A certain distance below the upper end of the member 1 the wires 4 bend theretoward in common horizontal alinement as at 6 and are then both intertwined and wrapped around said member 1 for a desired number of turns as at 7 after which the wires 4 extend upwardly parallel to the wire 1 but spaced somewhat therefrom as at 8, then again being bent to said wire 1 and being intertwined and wrapped thereabout as at 9, said last wrapping being the upper terminations of said wires 4 and being just under the upper bend 1^a of the wire 1.

The member 1 is therefore free to turn relative to the wires 4, and the hooks 2 and 3 moved out of the way of the hooks 5, or so as to lie in the vertical plane between the vertical portions of said wires 4, as shown in dotted lines in Fig. 2.

The portions 8, with the adjacent portion of the wire 1, form as will be evident, a friction loop through which a belt or strap 10 having a buckle 11 may be removably passed, this belt being then removably fastened about a post or tree 12, as many of the clusters being mounted on the one belt as may be desired or as there may be room for, and it will be seen that if the belt is properly placed through the loop and tightened about the post, the hook cluster will be firmly held in position.

From the foregoing description it will be readily seen that we have produced such a device as substantially fulfills the objects of the invention as set forth herein.

While this specification sets forth in detail the present and preferred construction of the device, still in practice such deviations from such detail may be resorted to as do not form a departure from the spirit of the invention, as defined by the appended claims.

Having thus described our invention what we claim as new and useful and desire to secure by Letters Patent is:

1. A hook cluster comprising a central wire having a hook on its lower end, wires

to the sides of the central wire, hooks on the lower ends of said side wires, the latter being bent toward the central wire and being then intertwined with each other and wrapped around said central wire at spaced points thereon, said side wires intermediate said wrappings being parallel to the central wire and spaced sufficiently therefrom to form therewith a friction loop for the slidable reception of a strap.

2. A hook cluster comprising a central wire having a hook on one end, wires to the sides of the central wire, and hooks on the lower ends of said side wires, the latter being bent toward the central wire and being then wrapped around the latter, said central wire being turnable in said wrappings whereby to enable the hook thereon to assume different positions relative to the other hooks.

In testimony whereof we affix our signatures.

SAMUEL S. ROSE.
SUSAN L. SWOPE.