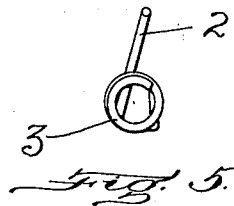
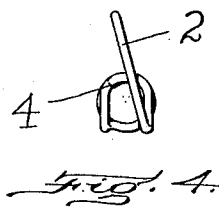
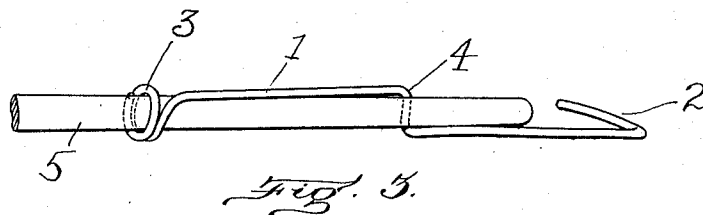
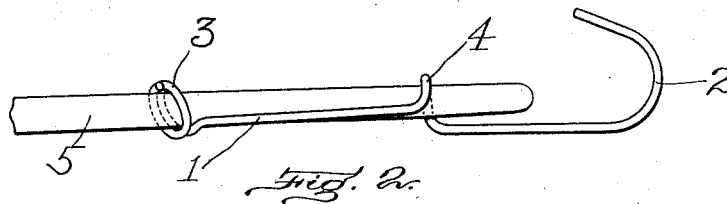
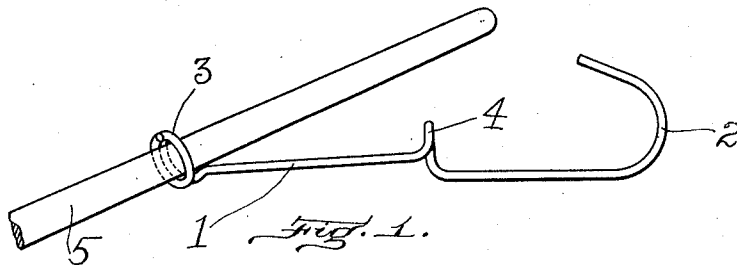


G. V. TURGEON.
 ROD SUSPENDER.
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1,007,755.

Patented Nov. 7, 1911.



Witnesses:

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 Edward H. Goding

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UNITED STATES PATENT OFFICE.

GEORGE V. TURGEON, OF AUBURN, MAINE.

ROD-SUSPENDER.

1,007,755.

Specification of Letters Patent.

Patented Nov. 7, 1911.

Application filed May 12, 1908. Serial No. 432,453.

To all whom it may concern:

Be it known that I, GEORGE V. TURGEON, a citizen of the United States, residing at Auburn, Androscoggin county, in the State of Maine, have invented certain new and useful Improvements in Rod-Suspenders, of which the following is a specification.

This invention relates to an engaging device in which a releasable frictional hold is secured on an article for the purpose of suspending or otherwise handling it.

In devices of this sort it is desirable to have the engaging means hold the article with a firm grip and yet to be releasable with readiness and certainty whenever it is wished to free the same from the holding means. In handling umbrellas which have become wet it is customary to stand them point down, in which position the water runs toward the center of the cover at the point through which the rod passes. This allows the water to work into the connections between the cover and the rod and causes rot and rust which soon destroy the tightness of the joint or even render the umbrella useless through leakage at this place. Various other devices, such as brooms, pen holders and many other and varied devices having suitable shape or form, may be held or suspended by devices involving my invention.

As illustrative of my invention I will set forth my holder as adapted to engage the rod or tip of an umbrella for the purpose of affording means to releasably engage and hold the same for the purpose of suspending it point up, or in the position occupied when in use in which position the water is shed from the rod downward toward the edge of the cover from which it can drip and escape.

The structure and operation of my device will be more fully set forth in the accompanying specification and drawing in which the embodiment shown and described is that of the umbrella hook application above mentioned.

Throughout the specification and drawing like letters of reference indicate corresponding parts and in the drawings,

Figure 1 is a side view of my device, partly applied to an umbrella tip, Fig. 2, a side view of the same, fully engaged, Fig. 3, a rear view of the parts as positioned in Fig. 2, Fig. 4, a view of the device from the hook end, and Fig. 5, an end view looking

in the opposite direction to that taken in Fig. 4.

1 is a spring shank having at one end a hook 2 for affording engagement with a hanger of any sort from which suspension is to be made. At the opposite end of the shank 1 is a rod encircling loop 3 made up in any shape of one or more turns of the wire of the shank 1 and disposed at an obtuse angle thereto so that as the shank 1 is brought into parallelism with the article to be gripped the loop 3 will be tilted and an increasing gripping action secured.

4 is a catch bent up in the shank 1 above the loop 3 and opening in a direction opposite to the disposition of the loop 3 on the shank 1. This catch is adapted to receive the rod indicated as 5, which is engaged with the same by rocking the shank 1 into a position parallel with the rod and giving it a partial swing to bring it around the rod.

The operation of the device is therefore as follows: The umbrella tip is first entered in the loop 3, as shown in Fig. 1, then the shank is sprung up and around until the catch 4 drops over the rod. In this position the loop 3 has been tilted from its first position which was at right angles with the axis of the rod to one at an obtuse angle thereto whereby the sides of the loop are brought to bear firmly against the surface of the rod and through the resiliency of the loop and the shank are made to exert a yielding gripping pressure thereon. When in this position the hook 2 may be used to suspend the umbrella from any suitable place to drain and dry.

To disengage the device the shank 1 is sprung up and the catch 4 unhooked by a swinging motion. The spring loop 3 is thus freed to assume a position at right angles to the axis of the rod in which position it will slide freely thereon and be readily removed.

As heretofore stated this device may be used on all sorts of articles and the articles may be adapted to all sorts of uses. The form and arrangement of the loop and catch may be varied and the device otherwise modified within the scope of the claims without departing from the spirit of my invention.

What I, therefore, claim and desire to secure by Letters Patent is:

1. In a device of the class described, a shank, a rod encircling loop at one side of

- said shank and disposed at an obtuse angle thereto, said shank having a recess formed therein on the other side thereof and opening in a direction opposite to the disposition of said loop, said opening having a width substantially equal to the diameter of said loop, whereby a rod passed through said loop may be held under the tension of the loop within said socket.
2. In a device of the class described, a shank, a rod encircling loop disposed thereon, said shank having an open recess substantially the diameter of said loop and opening in a direction opposite to the disposition of said loop, said loop being yieldingly maintained at an angle to the plane of said recess.
3. In a device of the class described, a spring shank, a rod encircling loop at one end of said shank and disposed at an obtuse angle thereto, an open recess in said shank above said loop and faced in a direction opposite to the disposition thereof, whereby a rod passed through said loop may be laid in said recess and be held in parallelism with said shank against the angular tendency of said loop.
4. A supporting device of the class described, comprising a spring shank having a hook at one end, a rod encircling loop at the other end of said shank and disposed at an obtuse angle thereto, said shank having an open recess formed therein above said loop and faced in a direction opposite to the disposition thereof, whereby a tip passed through said loop may be laid in said recess and held in parallelism with said shank against the angular tendency of said loop.
- In testimony whereof, I affix my signature in presence of two witnesses.
- GEORGE V. TURGEON.
- Witnesses:
WALLACE H. WHITE,
FRANK M. CUMMINGS.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."