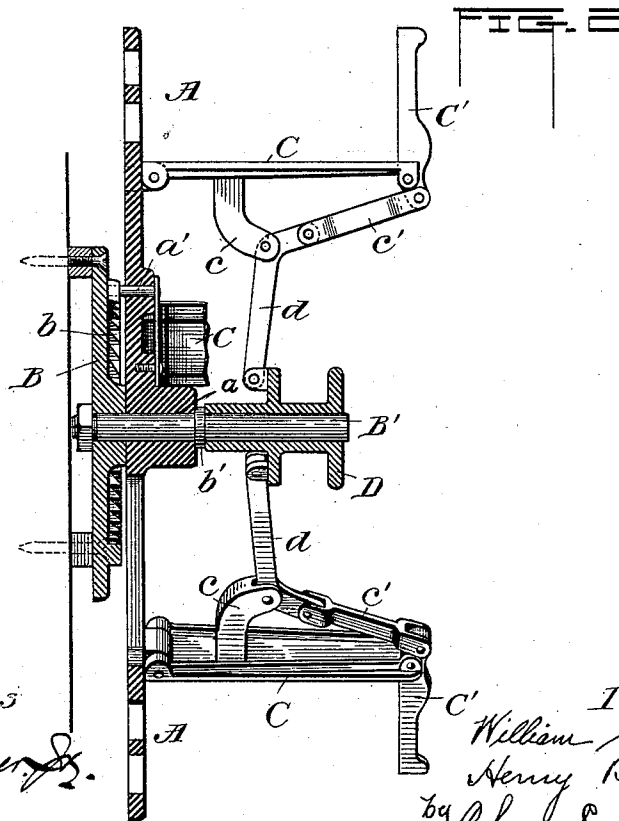
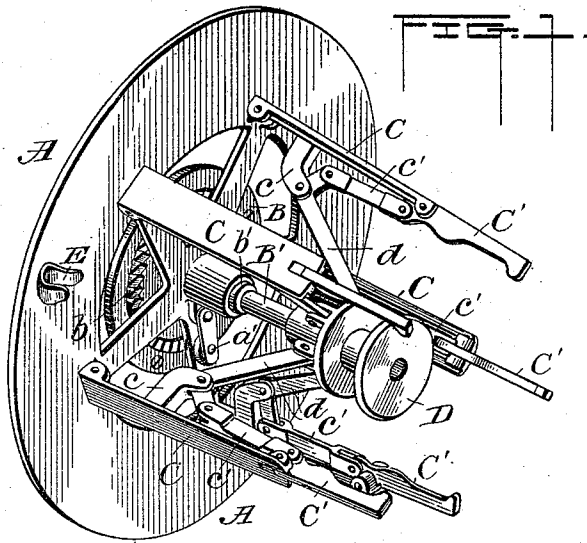


(No Model.)

W. S. WARREN & H. B. VAN DEUSEN.
HOSE HOLDER.

No. 538,939.

Patented May 7, 1895.



Witnesses
T. A. Comer
Giles T. Moore

Inventors
William S. Warren
Henry B. Van Deusen
by Chas. S. Sturtevant
att'y

UNITED STATES PATENT OFFICE.

WILLIAM S. WARREN, OF DALTON, AND HENRY B. VAN DEUSEN, OF
PITTSFIELD, MASSACHUSETTS.

HOSE-HOLDER.

SPECIFICATION forming part of Letters Patent No. 538,939, dated May 7, 1895.

Application filed June 18, 1894. Serial No. 514,963. (No model.)

To all whom it may concern:

Be it known that we, WILLIAM S. WARREN, of Dalton, and HENRY B. VAN DEUSEN, of Pittsfield, in the county of Berkshire, State of Massachusetts, citizens of the United States, have invented certain new and useful Improvements in Hose-Holders, of which the following is a description, reference being had to the accompanying drawings and to the letters of reference marked thereon.

Our invention relates to hose-holders, our object being to provide a construction of holder for fastening to walls of buildings and the like by the use of which the hose may be readily wound upon its support, securely held in this wound position; and may very rapidly be dropped from its support and readily attached to the water supply or carried to any desired location.

To this end our invention consists in the various matters hereinafter described and claimed.

In the accompanying drawings, which illustrate our invention, Figure 1 is a perspective showing the supports in position for the removal of the hose, and Fig. 2 is a section showing the supports in normal position.

In the drawings A represents a plate through which is an opening *a*. This plate carries the supports for the hose, and is mounted in any suitable way. In the present instance a spindle *B'* having the collar *b'* passes through the opening *a* and upon said spindle is rigidly secured a base plate B adapted to be secured to the wall or other support, the plate A rotating about the spindle *B'* between the base B and the collar *b'*.

Suitably mounted upon the plate A are the supports for the hose, the arms C, these supports being so arranged that while they are normally in such a position that they carry the hose, they may be so thrown that the hose will immediately fall. This is accomplished by means of a knob D sliding upon the spindle (said spindle forming a guide for the knob) and having pivoted thereto levers *d* which are also pivoted in lugs *c* upon the arms C. The pivot seats upon the knob and upon the arms are so placed relatively to one another that when the knob is in its innermost and

normal position the arms will be forced outwardly to stand at about right angles with the plate A, said arms being locked against backward movement by reason of the inner ends of the levers *d* in knob B being slightly lower than the outer ends in the lugs *c*, the knob resting against the collar *b'*. When, however, the knob is pulled out the supports C will, through the levers *d*, have their outer ends drawn toward the center, thus forming a skeleton truncated cone from which the hose pipe, which has been wound upon the support, will fall.

In order to prevent the hose from slipping from the supports when not desired, fingers C' project at an angle to the outer end of the arms C, and that these may offer no obstruction to the falling or removal of the hose at the proper moment, they are preferably pivoted to the arms, and also connected to the levers *d* by means of links *c'*. These links are of such a length that when the knob is drawn out, the fingers form a continuation of the arms, while, the two pivot points upon each of the links and the pivot point in each of the lugs being in a line, it is impossible for the fingers to fall outwardly when the knob is in its normal position.

In order to allow the plate to be turned and thus wind the hose pipe upon the supports but at the same time to lock the plate against reverse movement whereby the hose would be unwound, a ratchet *b* is provided upon the base B, and a pawl *a'* is carried by the plate A. In some cases, however, it may be found advantageous to allow movement of the plate in both directions, and in such cases the ratchet and pawl may be dispensed with.

A suitable clamp as E may be provided for supporting the nozzle.

It will be at once seen that by the use of the present construction a hose pipe may be readily wound upon the supports and then, by reason of the pawl and ratchet, securely locked in position, while at a moment's notice, the knob can be withdrawn, the hose falling or being removed in its wound condition and then readily carried to any desired location for attaching to the water supply.

Having thus described our invention, what

we claim as new, and desire to secure by Letters Patent, is—

1. A hose holder comprising a plate, a support for the hose upon said plate, a movable finger normally at an angle to said support whereby the hose is prevented from slipping off, a lever pivoted upon said support, and a link pivoted upon said lever and said finger, the pivot points upon the link being so placed that when the lever is in its inner position, the pivot point between the link and the lever will lie within the plane extending inwardly from a line drawn through the pivot point between the link and the finger to the pivot point between the lever and the support; substantially as described.

2. A hose holder comprising a plate, a support for the hose upon said plate, a movable finger normally at an angle to said support whereby the hose is prevented from slipping off, a guide upon said plate, a knob movable upon said guide, a lever pivoted upon said knob and upon said support, and a link pivoted upon said lever and said finger, the pivot points upon the link being so placed that when the knob is in its inner position, the pivot point between the link and the lever will lie within the plane extending inwardly from a line drawn through the pivot point between the link and the finger to the pivot point between the lever and the support.

3. A hose holder comprising a plate, a movable support for the hose upon said plate, a movable finger normally at an angle to said support whereby the hose is prevented from slipping off, and means whereby the support and finger are from a common source locked against accidental movement; substantially as described.

4. A hose holder comprising a plate, a movable support for the hose upon said plate, a movable finger normally at an angle to said support whereby the hose is prevented from slipping off, a guide upon said plate, a knob movable upon said guide, a lever pivoted upon said knob and upon said support, and a link pivoted upon said lever and said finger, the pivot points being so placed that

when the knob is in its inner position the pivot point upon the knob occupies an inner position with relation to the pivot point upon the support, and the pivot point between the link and the lever lies within the plane extending inwardly from a line drawn through the pivot point between the link and the finger and the pivot point between the lever and the support; substantially as described.

5. A hose holder comprising a plate, a movable support for the hose upon said plate, a finger normally at an angle to said support, means for moving said support for withdrawing the hose, and means for lowering said finger to permit such withdrawal; substantially as described.

6. A hose holder comprising a plate, a support pivoted upon said plate, a finger normally at an angle to said support, means for inclining said support away from said plate and means for inclining said finger to lie in a line with said support; substantially as described.

7. A hose holder comprising a plate, a movable support upon said plate, a finger normally at an angle to said support, a guide upon said plate, a knob movable upon said guide, a lever pivoted upon said knob and also upon said support, and a link pivoted upon said lever and also upon said finger; substantially as described.

8. A hose holder comprising a base, a spindle rigid upon said base, a collar upon said spindle, a plate journaled between said base and the collar, movable supports for the hose upon said plate, a continuation of said spindle above said collar forming a guide, a knob upon said guide, and connections between said knob and the supports, for moving the latter; substantially as described.

In testimony whereof we affix our signatures in presence of two witnesses.

WILLIAM S. WARREN.
HENRY B. VAN DEUSEN.

Witnesses:

JOHN F. VAN DEUSEN,
PAYSON E. LITTLE.