Feb. 6, 1940. W. R. KIRSTEN 2,189,364

HOSE HOLDER

Filed Feb. 23, 1938

Fig. 1.

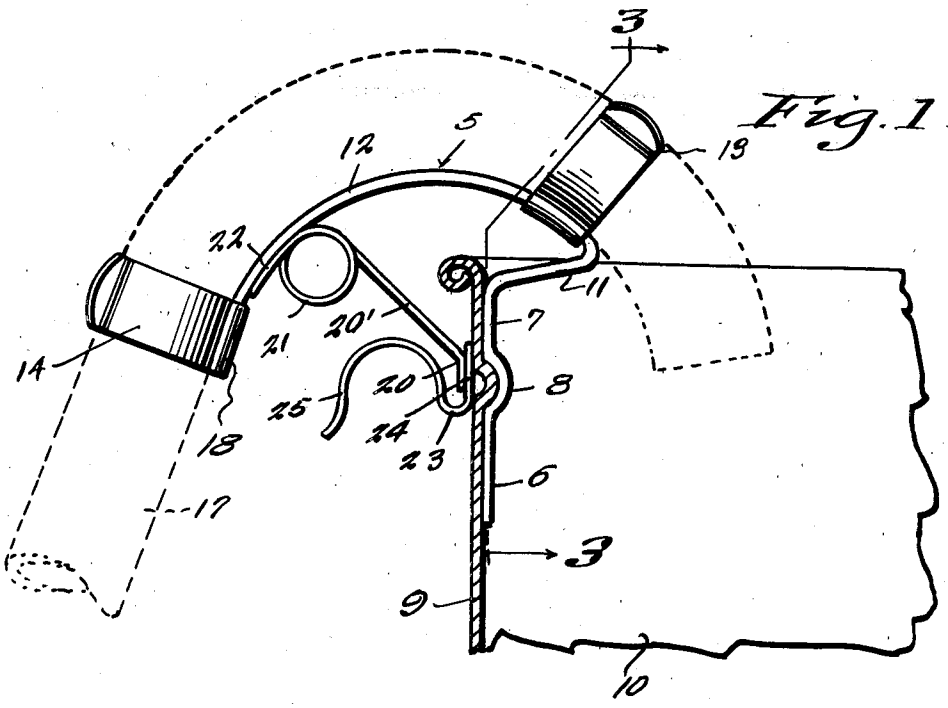


Fig. 2.

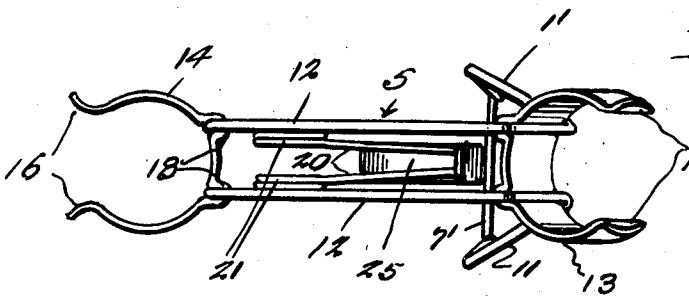


Fig. 4.

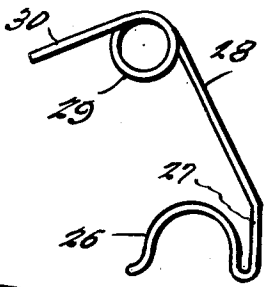


Fig. 3

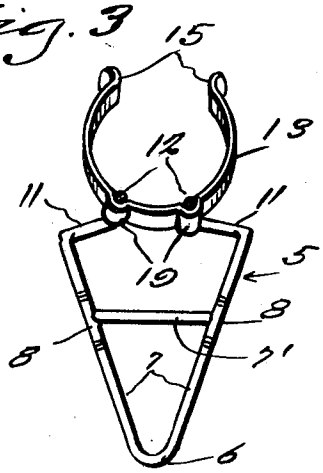
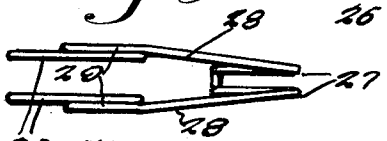


Fig. 5.



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2,189,364

HOSE HOLDER

Walter Richard Kirsten, St. Louis, Mo.

Application February 23, 1938, Serial No. 192,127

1 Claim. (Cl. 248—79)

The present invention relates to new and useful improvements in supports or holders particularly for garden hose and has for its primary object to provide, in a manner as hereinafter set forth, a device of this character embodying novel construction, combination and arrangement of parts through the medium of which one end of a garden hose may be clamped to and supported on the upper side wall of a receptacle while the hose is discharging into and filling the receptacle.

Other objects of the invention are to provide a support of the aforementioned character which will be comparatively simple in construction, strong, durable, highly efficient and reliable in use, compact, light in weight, and which may be manufactured at low cost.

All of the foregoing and still further objects and advantages of the invention will become apparent from a study of the following specification, taken in connection with the accompanying drawing wherein like characters of reference designate corresponding parts throughout the several views, and wherein:

Figure 1 is a side elevational view of my invention.

Figure 2 is a top plan view of the invention.

Figure 3 is a sectional view taken substantially on the line 3—3 of Fig. 1.

Figure 4 is a side elevational view of another form of resilient jaw.

Figure 5 is a top plan view of the modified form of resilient jaw.

Referring now to the drawing in detail it will be seen that the reference numeral 5 designates generally a length of wire rod bent intermediate its ends to form a substantially V-shaped jaw 6. Each of the side members 7 of the V-shaped jaw 6 has formed therein a curved portion 8 to permit the V-shaped jaw 6 to conform to the side wall structure 9 of a washtub or other receptacle 10. A stop 7' is mounted between and connected to the side members 7. The upper end portions of the side members 7 are bent substantially at right angles to form extensions 11 which terminate in spaced parallel curved arms 12.

Spaced apart and mounted on the curved arms 12 is a pair of resilient clamps 13 and 14 each of which is formed from a strip of spring steel or other suitable material. The end portions of the resilient clamps 13 and 14 are curved and flare outwardly as shown at 15 and 16 in order that the hose 17 may be easily and quickly inserted in the clamps 13 and 14 or removed therefrom. Intermediate the ends of the clamps 13 and 14 and spaced from each other, recesses 18 and 19 are formed to receive the arms 12 which support the clamps 13 and 14.

A length of resilient rod is bent intermediate its ends to form a U-shaped jaw 20. The side members 20' of the U-shaped jaw 20 terminate in coils 21. Arms 22 extend from the coils 21 and are securely fastened to the curved arms 12 by welding or other suitable means.

A strip of metal or other suitable material is bent to form a substantially U-shaped member 23 one arm 24 of which is substantially straight and is fastened to the U-shaped jaw 20 by welding or other suitable means. The other arm of the U-shaped member is curved to form a finger grip 25.

Figures 4 and 5 show a modified form of the finger grip. In accordance with this construction a length of resilient rod or wire is bent intermediate its ends to form a curved finger grip 26. The wire is further bent to form the jaw 27 and members 28 which terminate in coils 29 which have arms 30 extending therefrom for fastening the jaw 27 and finger grip 26 to the curved arms 12.

The operation of the device is manifest but may be briefly described as follows:

When filling a washtub or other receptacle one end portion of a hose 17 is placed in the clamps 13 and 14. The device is then held in the hand with the fore finger engaged with the finger grip 25. When a pull is exerted on the finger grip 25 the resilient jaw 20 is swung away from the fixed jaw 6 thus permitting the device to be placed over the edge of a washtub or other receptacle. After the device is in place the finger grip 25 is released and the coil springs 21 will force the jaws 20 and 6 together to grip the receptacle and hold the device in place while the receptacle is filling. The stop 7' is provided for the resilient jaw 20 to rest against when the device is not clamped to a receptacle, to prevent the resilient jaw 20 from passing through the V-shaped jaw 6, and out of reach of the fore finger when the device is held in the hand to be clamped to a receptacle.

Although I have shown and described herein a preferred embodiment of my invention, it is to be definitely understood that I do not desire to limit the application of the invention thereto, and any change or changes may be made in the materials and in the structure and arrangement of the parts, within the spirit of the invention as claimed.

What is claimed is:

A hose holder comprising a wire rod bent intermediate its ends to form a substantially V-shaped jaw, spaced parallel curved arms extending from the top end portion of said V-shaped jaw, a substantially annular hose clamping member having

grooves therein mounted on said spaced arms adjacent the top end portion of said V-shaped jaw with said spaced parallel rods seated in said grooves, a second substantially annular hose clamping member having grooves therein mounted on said spaced parallel arms at the outer end portions thereof with the spaced parallel rods seated in said grooves, a movable jaw member comprising a wire rod bent intermediate its end portions to provide a pair of coil springs for normally forcing said movable jaw toward said V-shaped jaw, a pair of shanks extending from said coil springs for securing said springs and movable jaw to said spaced parallel arms, and a finger grip extending from said movable jaw for actuating the same when the device is to be attached to a support.

WALTER RICHARD KIRSTEN.