

O. A. HODINGER.
HOSE COUPLING.
APPLICATION FILED MAY 13, 1910.

987,463.

Patented Mar. 21, 1911.

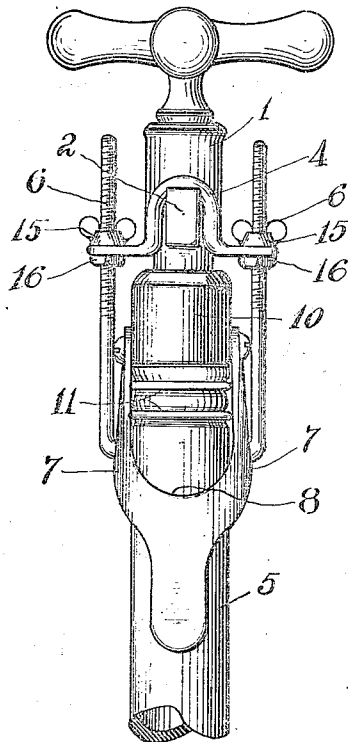


Fig. 1.

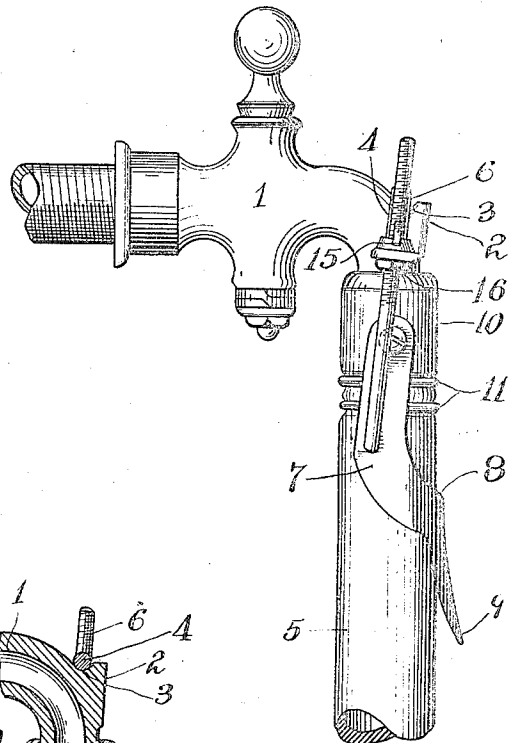


Fig. 2.

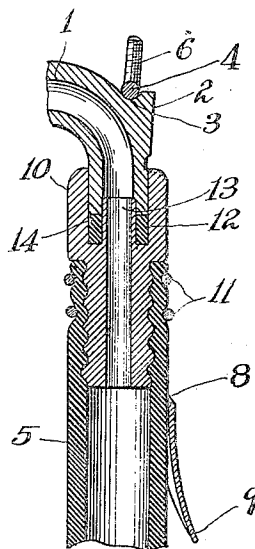


Fig. 3.

Witnesses
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UNITED STATES PATENT OFFICE.

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HOSE-COUPLING.

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To all whom it may concern:

Be it known that I, OTTO A. HODINGER, a citizen of the United States, residing at Oneida, in the county of Madison and State of New York, have invented new and useful Improvements in Hose-Couplings, of which the following is a specification.

This invention relates to hose connecting devices and the object of the invention is the provision of a simple, inexpensive device by which a hose section may be attached to a spigot without employing the usual threaded coupling.

A further object of the invention is the provision of means for adjusting the action of the clamping device whereby any suitable pressure may be obtained to counteract the pressure in the hose section.

Further objects of the invention will appear as the following specific description is read in connection with the accompanying drawings which form a part of this application, and in which:

Figure 1 is a front elevation of the device. Fig. 2 is a side elevation thereof, and Fig. 3 is a longitudinal vertical section through Fig. 1.

Referring more particularly to the drawing, 1 represents the spigot to which the device is attached. This spigot has secured to its spout a lug or boss 2 having a recess 3 on its upper side to receive the clamping yoke 4 which is carried upon the adjusting screws 6. These adjusting screws have their lower ends pivotally mounted in a lever 7 which is bifurcated as at 8 to straddle the hose section 5 and has a reduced extension 9 constituting an operating handle. The opposite legs of the bifurcated portion are pivoted to a connecting head 10 whose reduced extension enters the hose section 5 and is clamped therein in any suitable manner as by wires 11. The coupling head 10 has formed in its outer end a recess 12 and projecting upwardly into the recess is a nozzle or hollow nipple 13 which is surrounded by a washer 14. The nozzle or nipple is adapted to enter the spout of the spigot and the

washer 14 is adapted to engage the outer end thereof. In applying the device, the lever 8 is thrown upwardly and the spout of the spigot placed in the recess 12 with its outer end in engagement with the washer and with the nipple entering the spigot. The yoke member is then placed over the lug or boss 2 and the lever thrown down into engagement with the hose section 5. In this position, the lines of the adjusting screws are in a plane at an acute angle to the general line of the lever and with the pivots of said lever offset therefrom so that the lever when thrown down to engagement with the hose section, is locked. Suitable thumb nuts 15 are secured upon the adjusting screws for holding the yoke in raised or lowered position and suitable lock nuts 16 hold the yoke in its adjusted position. By this means it will be seen that any suitable pressure may be obtained in counteracting the pressure in the hose section and the spigot.

Having thus described the invention, what is claimed is—

In a device of the class described, the combination with a spigot having a boss thereon, of a coupling head having a socket to fit over the spout of the spigot, a hose section connected to the coupling head, a lever pivoted on the coupling head, and adapted to fold down over the hose section, a pair of threaded coupling rods pivoted to opposite sides of the lever below its pivotal point on the coupling head, a yoke member adapted to engage the boss and having laterally extended apertured ends adapted to receive the threaded rods, adjusting nuts on the rods adapted to engage the ends of the yoke member and hold it in adjusted position on said rods, and lock nuts on the rods beneath the yoke member to lock the same from movement.

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

OTTO A. HODINGER.

Witnesses:

NORMAN LATHAM,
FRANK H. MUNZ.