No. 753,096. PATENTED FEB. 23, 1904.

P. C. OSTEEN.

HOSE COUPLING.

APPLICATION FILED MAR. 30, 1903.

NO MODEL.

Fig. 1.

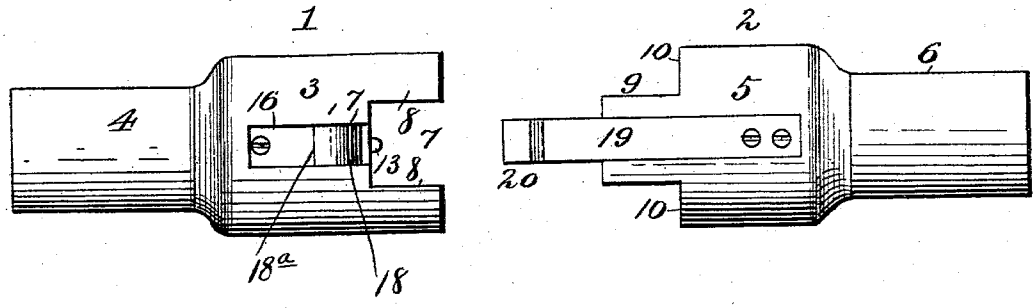


Fig. 4.

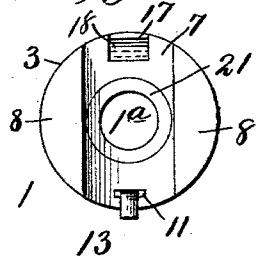


Fig. 5.

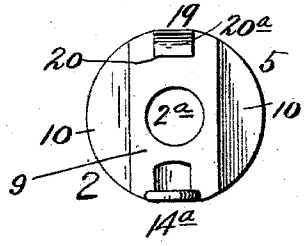


Fig. 2.

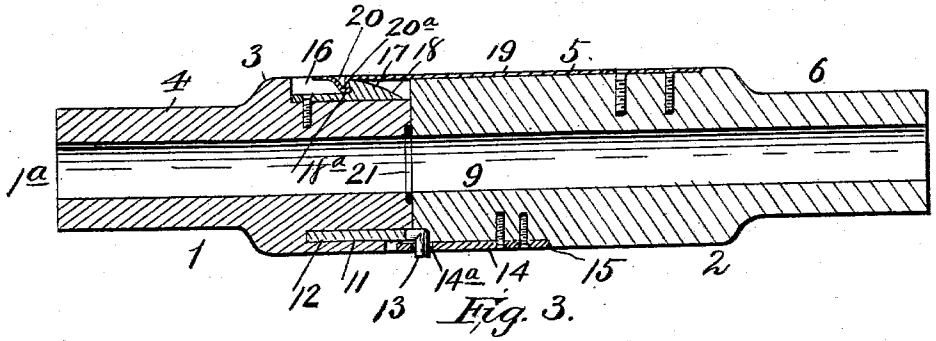
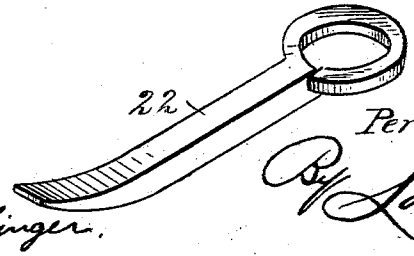


Fig. 3.



WITNESSES

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No. 753,096. Patented February 23, 1904.

UNITED STATES PATENT OFFICE.

PERCY C. OSTEEN, OF HENDERSONVILLE, NORTH CAROLINA.

HOSE-COUPLING.

SPECIFICATION forming part of Letters Patent No. 753,096, dated February 23, 1904.

Application filed March 30, 1903. Serial No. 150,261. (No model.)

To all whom it may concern:

Be it known that I, PERCY C. OSTEEN, a citizen of the United States, residing at Hendersonville, in the county of Henderson and State of North Carolina, have invented new and useful Improvements in Hose-Couplings, of which the following is a specification.

My invention relates to detachable pipe-couplings, and has for its object to construct a coupling for use on fire-hose, &c., where a simple and efficient detachable coupling is indispensable.

The novel construction employed by me in carrying out my invention is fully described and claimed in this specification and illustrated in the accompanying drawings, forming a part thereof, in which—

Figure 1 is a plan view of my coupling with the two members disengaged. Fig. 2 is a longitudinal section of the two members engaged. Fig. 3 is a detail of the lever. Fig. 4 is an end elevation of one member. Fig. 5 is an end elevation of the other member.

Like numerals of reference designate like parts in the different views of the drawings.

My coupling comprises two longitudinally-bored members, (designated 1 and 2, respectively.) The member 1 comprises a head 3 and a neck 4, while the member 2 comprises a head 5 and a neck 6. The necks 4 and 6 are designed to serve as attachments for the hose. The head 3 is grooved transversely the bore 1^a at 7 to form cheeks 8, and the head 5 is cut away on the sides parallel to the bore 2^a to form a slab-sided neck 9 and shoulders 10. A hinge-strap 11 is mounted in a groove 12 in the member 4 and bears a lug 13, which is located to engage an eye 14^a, formed in a strap 14, seated in a groove 15, formed in the neck 9. This combination of lug 13 and eye 14^a forms a detachable hinge. A groove 16 is formed in the head 3 intermediate the cheeks, and a catch 17 is seated therein, which is beveled at 18 and cut off square at 18^a. A stiff spring-latch bar 19 is attached to the member 5 and is provided with a catch 20, beveled at 20^a, which catch projects beyond the end of the neck 9 in position to engage the catch 17. Washers 21 surround the bore and abut to prevent leakage when the members are coupled.

In locking my coupling the neck 9 is engaged in the groove 7 and the lug 13 engaged in the eye 14^a. The members 1 and 2 are then grasped one in each hand and clashed to force the latch-bar 19 to yield and permit the catches 17 and 20 to positively engage each other. To disengage the catches, a curved lever 22 is provided to be inserted under the end of the latch-bar 19.

I do not wish to be limited as to details of construction, as these may be modified in many particulars without departing from the spirit of my invention.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

A coupling of the character described, tubular members, one having, upon one side, a spring with an inturned catch or lug thereon entering a notch or recess in said member, and the other member having a rigid beveled catch also let into a notch or recess of said member and adapted to effect engagement with the inturned lug of said spring, said first-named member having, upon its opposite side, an apertured rigid plate let into a recess therein, and the latter-referred-to member having an inflexible strap also let into a recess therein and provided with a lateral or right-angled lug engaging the eye or aperture of said strap, the abutting end of the first-referred-to member also having a notch or recess receiving said lug where it enters the eye of said strap, said members having interfitting or interlocking tongues and grooves at their meeting ends.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

PERCY C. OSTEEN.

Witnesses:

HENRY D. OVERSTREET,

B. F. HOOD.