G. PETERSON.

CLAMP.

APPLICATION FILED JUNE 22, 1920.

1,411,930. Patented Apr. 4, 1922.

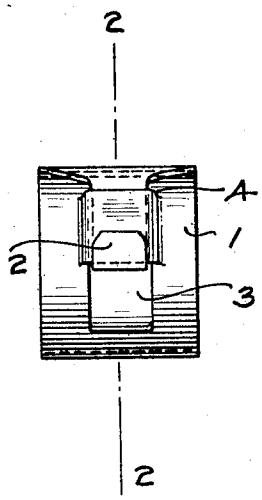


Fig. 1.

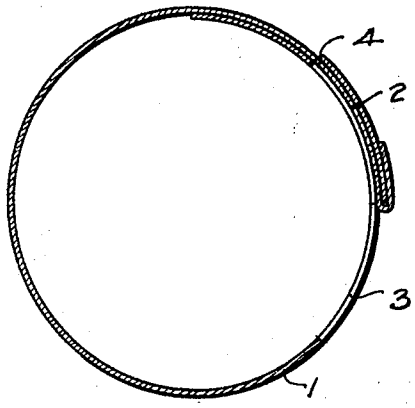


Fig. 2.

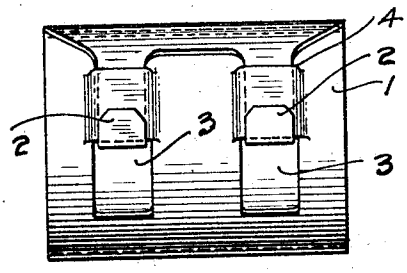


Fig. 3.

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WITNESS:

UNITED STATES PATENT OFFICE.

GEORGE PETERSON, OF SPOKANE, WASHINGTON.

CLAMP.

1,411,930. Specification of Letters Patent. Patented Apr. 4, 1922.

Application filed June 22, 1920. Serial No. 390,770.

To all whom it may concern:

Be it known that I, GEORGE PETERSON, a citizen of the United States, residing at Spokane, in the county of Spokane and State of Washington have invented new and useful Improvements in Clamps, of which the following is a specification.

This invention relates to a clamp for clamping tubular and cylindrical bodies together, the principal object of the invention being to provide a split ring member with means for locking the ends in overlapping relation.

This invention also consists in certain other features of construction and in the combination and arrangement of the several parts, to be hereinafter fully described, illustrated in the accompanying drawings and specifically pointed out in the appended claim.

In describing my invention in detail, reference will be had to the accompanying drawings wherein like characters denote like or corresponding parts throughout the several views, and in which:—

Figure 1 is a view of the improved clamp.

Figure 2 is a cross section taken through the center of the device.

Figure 3 is a view of a modification.

As shown in these views the device is made in the form of a split ring 1 and has a tongue 2 formed on one end and an opening 3 and a slit 4 formed adjacent the other end. The metal between the opening and slit is forced outwardly to form an interior recess to receive a portion of the tongue. The tongue is passed through the slit and the recess into the opening 3 and is then bent over to grip the outer wall of the forced out portion of the ring.

It will thus be seen that the device when placed over the overlapping ends of two tubular members, such, for instance, as a hose and its nozzle, it will firmly lock the two members together. It will be seen that the device can be easily and quickly placed in position and can be just as easily removed.

It is thought from the foregoing description that the advantages and novel features of my invention will be readily apparent.

In the modification shown in Figure 3 the clamp is provided with the two tongues and is of larger dimensions than the clamp first described and is intended for use on high pressure hose. This clamp may be used for mending hose as by applying the clamp snugly over the leak the internal pressure in the hose will force the same against the clamp and prevent leaking at this point.

I desire it to be understood that I may make changes in the construction and in the combination and arrangement of the several parts, provided that such changes fall within the scope of the appended claim.

What I claim is:—

A device of the class described comprising a split ring, a tongue on one end and a rectangular opening adjacent the other end, this other end having a slit therein between its extremity and the opening with the metal between the slit and opening forced outwardly to form an interior recess for receiving a portion of the tongue, said tongue being adapted to be passed through the slit and opening and then bent to form a hook to engage the end wall of the opening.

In testimony whereof I affix my signature.

GEORGE PETERSON.