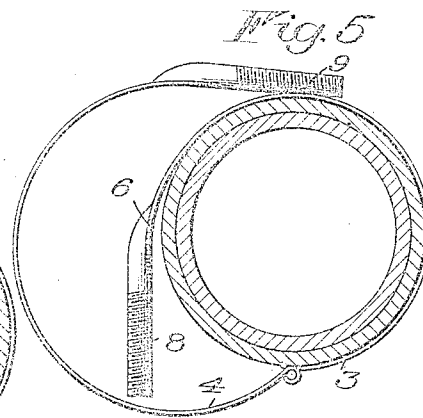
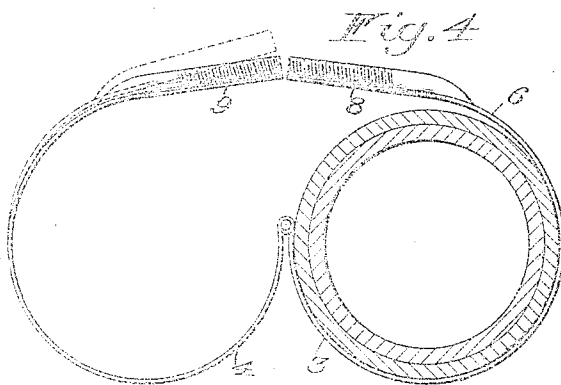
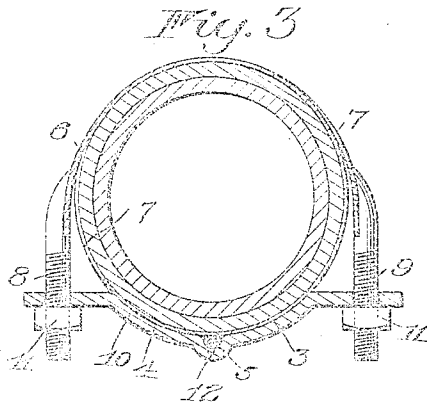
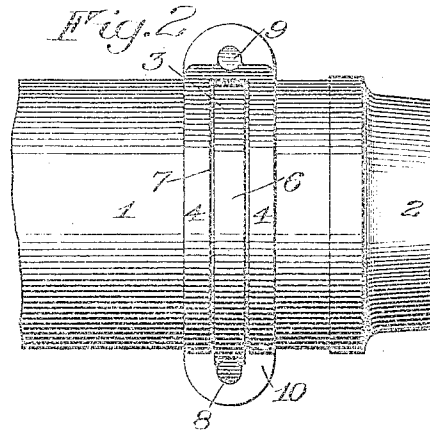
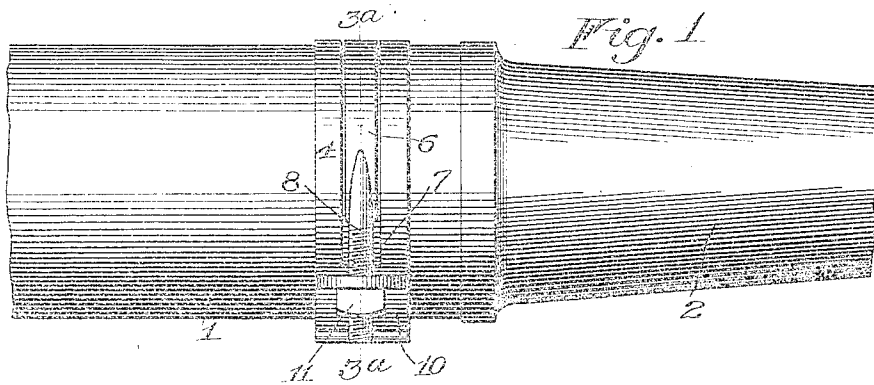


S. J. LINTON.
HOSE CLAMP.
APPLICATION FILED JUNE 17, 1912.

1,056,188.

Patented Mar. 18, 1913.



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UNITED STATES PATENT OFFICE.

SIDNEY J. LINTON, OF GROVELAND, NEW YORK.

HOSE-CLAMP.

1,056,188.

Specification of Letters Patent.

Patented Mar. 13, 1913.

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To all whom it may concern:

Be it known that I, SIDNEY J. LINTON, of Groveland, in the county of Livingston and State of New York, have invented certain new and useful Improvements in Hose Clamps; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification, and to the reference-numerals marked thereon.

My invention relates to hose clamping devices, having particular reference to clamps of the class employed for securing the ends of hose onto nozzles or couplings, and it has for its object to provide a clamp which may be readily positioned, by slipping it around the hose, and without necessitating putting it on from one end.

A further object of my invention consists in providing a simple construction that enables the hose to be gripped firmly at every point, so as to give an equal pressure from all portions of the clamp, thus providing a very effective means for retaining the hose securely in engagement with the coupling or other part to which it is attached.

To these and other ends the invention consists in certain improvements and combinations of parts, all as will be hereinafter more fully described, the novel features being pointed out in the claim at the end of the specification.

In the drawings: Figure 1 is a view in side elevation, illustrating the application of a preferred embodiment of the invention; Fig. 2 is a plan view of the same; Fig. 3 is a sectional view on the line 3^a—3^a of Fig. 1; Fig. 4 shows the first position of the clamp, in applying it to the hose, and Fig. 5 illustrates the method of securing the clamp.

Similar reference numerals throughout the several figures indicate the same parts.

The clamp, as illustrated in the present embodiment, is applied to a section of hose 1 which is secured to the nozzle or coupling 2, and comprises a plurality of sections herein designated at 3 and 4, respectively, which are hinged together preferably as at 5. Section 3 has a reduced end portion 6,

while the section 4 is provided with the opening or slot 7 adapted to receive said reduced end portion 6 which passes through said opening so as to form a complete loop having continuous engagement with the hose. The sections 3 and 4 are provided with threaded ends 8 and 9, respectively, which are arranged to engage openings in the yoke 10, the latter being adapted to fit over the hinged portion of the clamp, as shown in Fig. 3. Nuts 11 are provided for holding the yoke in engagement with the ends of the clamp. In order to accommodate the hinge 5, and at the same time to enable the yoke to form a close engagement with the clamp, I provide the yoke with a transversely arranged recess 12 which overlies the hinge 5, as shown in Fig. 3.

In the operation of the device, the clamp is first positioned on the hose, as shown in Fig. 4, the hinged sections being moved apart with section 3 surrounding the hose. The sections are then moved relatively to each other, as shown in Fig. 5. The end portion 6 of the section 3 is pushed within the section 4, to enable it to pass through the slot or opening 7 and to assume the position shown in Fig. 3. The yoke 10 is then positioned over the ends of the sections of the clamp, and secured thereto as already described.

I claim as my invention:

A clamp including a flexible band comprising a pair of hinged sections, one of said sections having an opening therein and the other of said sections being provided with a reduced portion adapted to pass through said opening to form a complete loop around the article to be clamped, said loop engaging the article throughout in a plane perpendicular to its longitudinal axis, a yoke having a transverse recess engaging the hinge between the sections, and means for holding the yoke in engagement with the ends of the band.

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Witnesses:

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