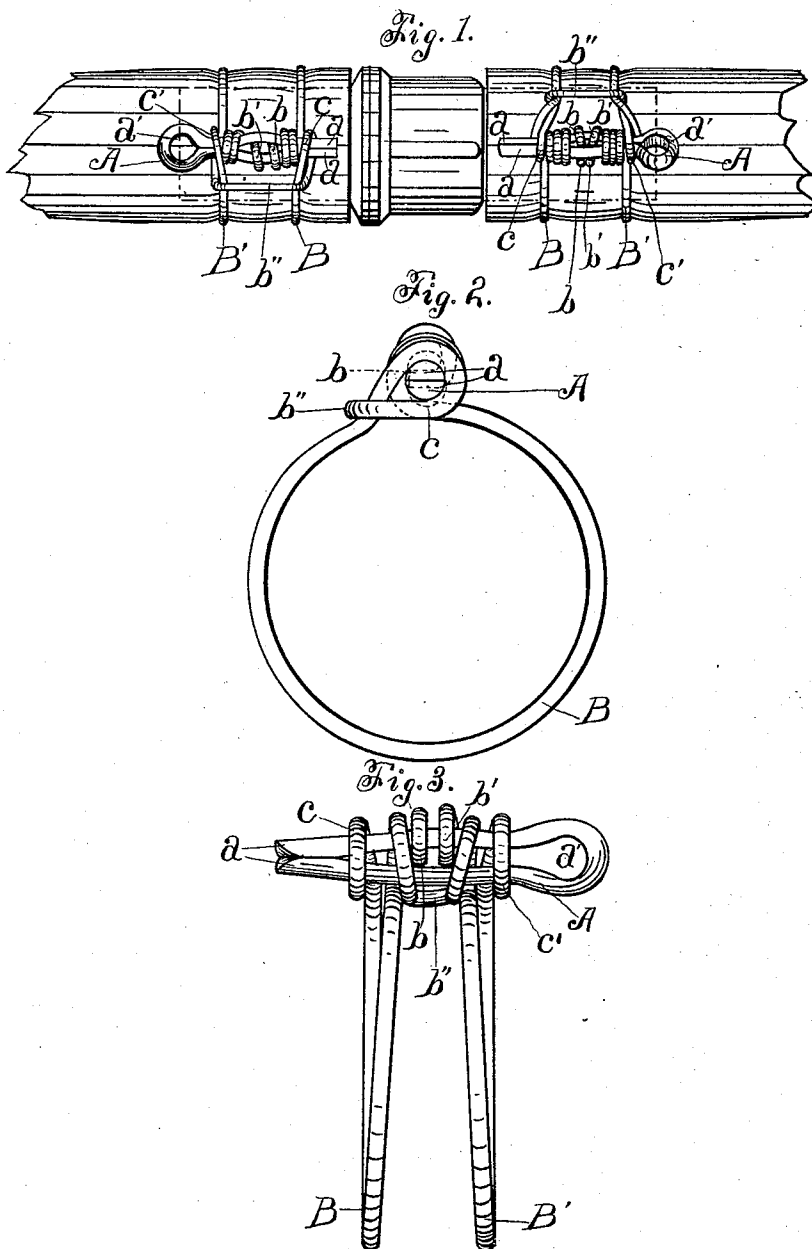


(No Model.)

G. FERGUSON.
HOSE BAND.

No. 484,190.

Patented Oct. 11, 1892.



Witnesses.

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UNITED STATES PATENT OFFICE.

GEORGE FERGUSON, OF LOS ANGELES, CALIFORNIA.

HOSE-BAND.

SPECIFICATION forming part of Letters Patent No. 484,190, dated October 11, 1892.

Application filed April 28, 1892. Serial No. 430,955. (No model.)

To all whom it may concern:

Be it known that I, GEORGE FERGUSON, a citizen of the United States, residing at Los Angeles, in the county of Los Angeles and State of California, have invented a new and useful Improvement in Hose-Bands, of which the following is a specification.

The object of my invention is to provide cheap, simple, and convenient means for compressing hose upon the shanks of hose-couplings without the use of special tools for the purpose of applying the same.

My invention comprises the combination of a key-post arranged at one end to receive a wrench or lever or other means adapted to apply power to rotate the post, two parallel wire bands or hoops connected to each other at one end and provided at such end with a suitable journal encircling such post and having their other ends attached to such post and adapted to be wound thereupon when the post is rotated.

The accompanying drawings illustrate my invention.

Figure 1 is a plain side elevation of two hose ends coupled to each other by a male and female coupling, secured in place by my improved hose-band. This view illustrates two forms of construction employed by me in practicing my invention. Fig. 2 is an end elevation of the form shown at the left side in Fig. 1. Fig. 3 is a plain side elevation of the same. These two views illustrate the band as it appears when ready for the trade.

A is the key-post, which I have illustrated as made of a cotter formed of a single length of half-round wire, reversely bent to bring the two members *a a* together with their flat faces inside and to form the loop or ring *a'* at the closed end of the key-post.

As illustrated, the band is formed of a single length of wire reversely bent to form the two hose-embracing loops *B B'*, which are attached to each other at one end by a transverse member *b''* and are twisted or bent at such end to form the journal-eyes *c c'*, which are arranged to encircle the cotter or key-post and allow it to rotate therein.

The free ends *b b'* of the loops *B B'* are inserted between the members *a a* of the cotter, between the eyes *c c'*, and the cotter or key-post is rotated sufficiently to wind the end

portions of the loops upon the post, as shown in Figs. 2 and 3. The band is then ready for the market.

It will readily be seen that the key-post *A* may be formed of a screw-blank and the free ends of the loops be inserted into holes drilled through the post and that the member *b''* may be secured to a journal formed of strap-metal encircling the post without departing from the spirit of my invention; but such modification is merely mechanical and will readily be understood by any one versed in the art and does not require illustration.

In practice the loops *B B'* are placed upon the end of the hose and the shank of the coupling is forced into place. A nail or other suitable lever is then inserted in the eye *a'* and the post is rotated to twist the ends of the loops upon the post, as shown in Fig. 1. When the band tightens, it draws the members *a a* of the cotter together and so clamps the ends of the loops *b b'* firmly between them.

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

1. In a hose-band, the combination of a key-post arranged at one end to receive a wrench or other means adapted to apply power to rotate the post, and two parallel wire bands or hoops connected to each other at one end and provided at such end with a suitable journal arranged to encircle such post and having their other ends attached to such posts and adapted to be wound thereupon when the post is rotated in such journal.

2. In a hose-band, the combination of the key-post formed of a cotter made of a single length of half-round wire reversely bent to bring the two members together with their flat faces inside and to form the loop or ring at the end of the post, and the hose-embracing loops attached to each other at one end and twisted at such end to form the journal-eyes arranged to encircle the post and having their free ends inserted between the members of the cotter, substantially as and for the purpose set forth.

GEORGE FERGUSON.

Witnesses:

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