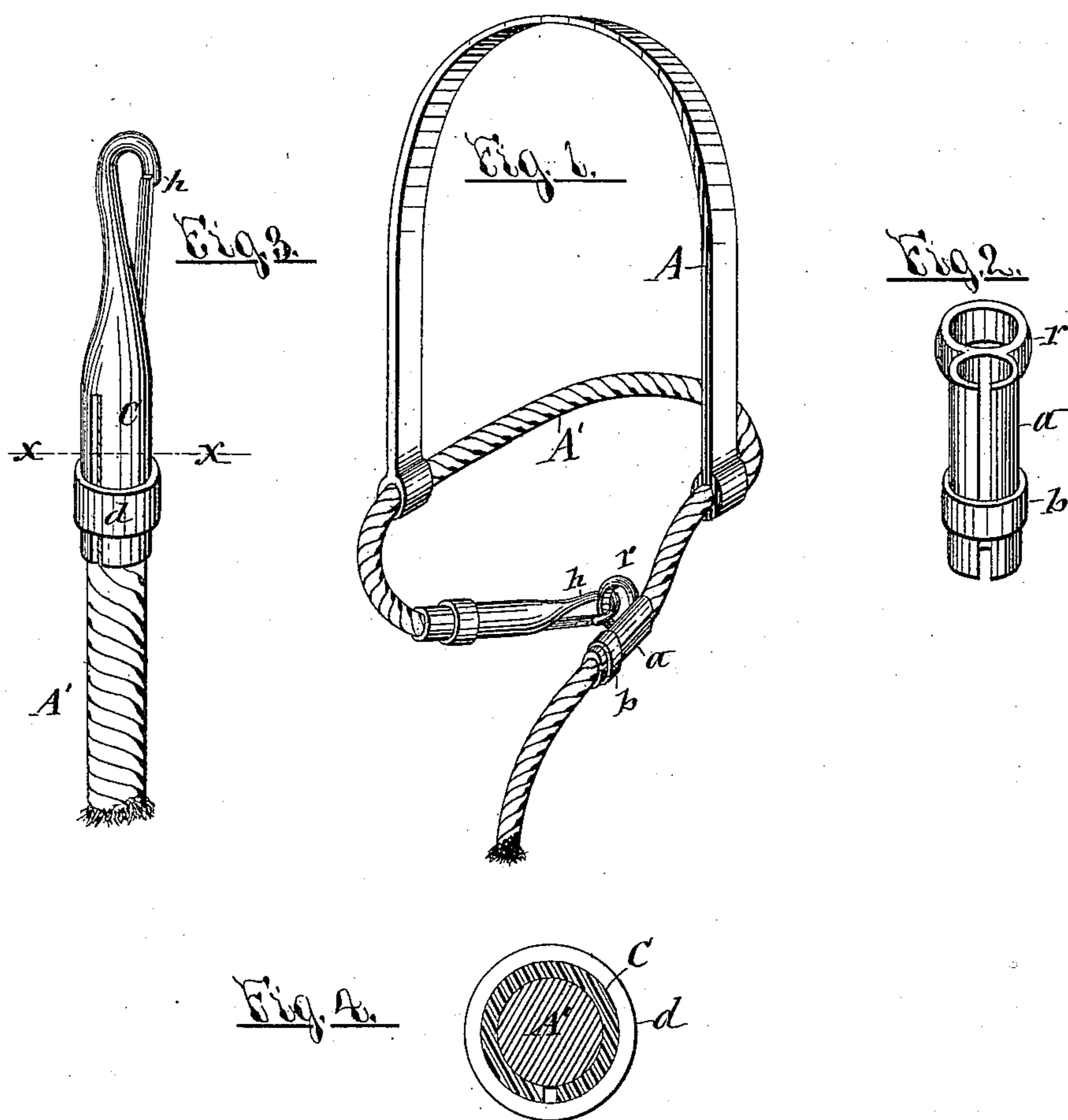


(No Model.)

L. B. KITCHEL.
HALTER ATTACHMENT.

No. 348,166.

Patented Aug. 24, 1886.



Witnesses.

A. F. Walz.

J. H. Esibbs.

Inventor.

Lyman B. Kitchel
per Bull, Laess & Hy
his Atty

UNITED STATES PATENT OFFICE.

LYMAN B. KITCHEL, OF RUSHVILLE, ASSIGNOR OF ONE-HALF TO MAX-
WELL & MOWRY, OF ROME, NEW YORK.

HALTER ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 348,166, dated August 24, 1886.

Application filed April 3, 1886. Serial No. 197,656. (No model.)

To all whom it may concern:

Be it known that I, LYMAN B. KITCHEL, of Rushville, in the county of Yates, in the State of New York, have invented new and useful Im-
5 improvements in Halter Attachments, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

This invention consists in a novel construc-
10 tion of metallic trimmings or attachments, which are readily applied to the straps or ropes forming the halter, and when said halter is worn out said trimmings are readily re-
15 moved therefrom, and may then be used on a new halter.

The invention is fully illustrated in the annexed drawings, wherein Figure 1 is a perspective view of a rope halter equipped with my improved trimmings. Figs. 2 and 3 are
20 enlarged detached views of the trimmings in perspective; and Fig. 4 is an enlarged transverse section on line *x x*, Fig. 3.

Similar letters of reference indicate corresponding parts.

25 A represents the headstall of a halter, formed partly of rope and partly of webbing. On a halter of this or analogous class I apply my improved trimmings to the rope A, which forms the hitching or tie rope and the so-
30 called "chin-piece" of the headstall in one piece. Said trimmings consist, first, of a sleeve, *a*, which is split longitudinally on one side and has projecting from the opposite side a ring, *r*. Said sleeve and ring are formed in
35 one piece of malleable iron, and the sleeve *a* is thus rendered expansible and contractible in circumference. On the said sleeve slides a ferrule, *b*, which serves to compress the sleeve.

40 The described parts of my improved halter-trimming I apply to the rope A' back of the cheek-pieces of the headstall by removing the ferrule *b* from the sleeve *a* and expanding the latter sufficiently to allow it to be slipped
45 endwise onto the rope, and after it has been placed in its requisite position on the rope the sleeve is to be compressed to closely embrace the rope, and then the ferrule *b* is
50 slipped onto it to retain it clamped on the rope.

The other parts of my improved halter-trim-
mings consist of a snap-hook, *h*, which is formed with a longitudinally-split and thus circumferentially expansible and contractible

tubular shank, C, in one piece of malleable 55 iron, and on the said shank slides the ferrule *d*. This snap-hook I attach to the end of the rope A', which forms the chin-piece of the halter. The attachment is effected by ex-
60 panding the tubular shank C and slipping it onto the end of said rope, then compressing it around the rope and slipping the ferrule *d* onto the said shank to retain it in its com-
pressed condition. It is obvious that the fer-
rule must be slipped onto the rope before ap- 65 plying the tubular shank of the snap-hook.

A halter provided with my improved trim-
mings is readily secured to the horse's head by snapping the hook *h* into the ring *r*, and the detachment of the halter from the horse 70 is accomplished with equal facility. It will also be observed that by removing the ferrule *b* from the sleeve *a* and slipping the latter back or forth on the rope A' the chin-piece of the halter can be adjusted in size to suit 75 the horse, and all of the described trimmings can be removed from an old worn-out halter and applied to a new halter when desired. I do not, however, limit the application of my improved trimmings to any particular style 80 of halter, inasmuch as it may be used on different parts of the halter and in different ways.

Having described my invention, what I claim as new, and desire to secure by Letters Patent, is— 85

1. As an improved article of manufacture, a halter-trimming consisting of the sleeve *a*, split longitudinally on one side, the ring *r*, projecting from the opposite side of said sleeve, and the ferrule *b*, sliding over said 90 sleeve, substantially as described and shown.

2. A rope-halter attachment consisting of the sleeve *a*, split longitudinally, the ring *r*, projecting from the side of said sleeve and formed integral therewith, the ferrule *b*, slid- 95 ing over the sleeve *a*, and the snap-hook *h*, formed with the tubular shank C, split longitudinally, and the ferrule *d*, sliding on said shank, substantially as described and shown.

In testimony whereof I have hereunto signed 100 my name and affixed my seal, in the presence of two attesting witnesses, at Syracuse, in the county of Onondaga, in the State of New York, this 23d day of February, 1886.

LYMAN B. KITCHEL. [L. s.]

Witnesses:

FREDERICK H. GIBBS,
E. C. CANNON.