

(No Model.)

O. B. FALES.

HOPPLE.

No. 382,869.

Patented May 15, 1888.

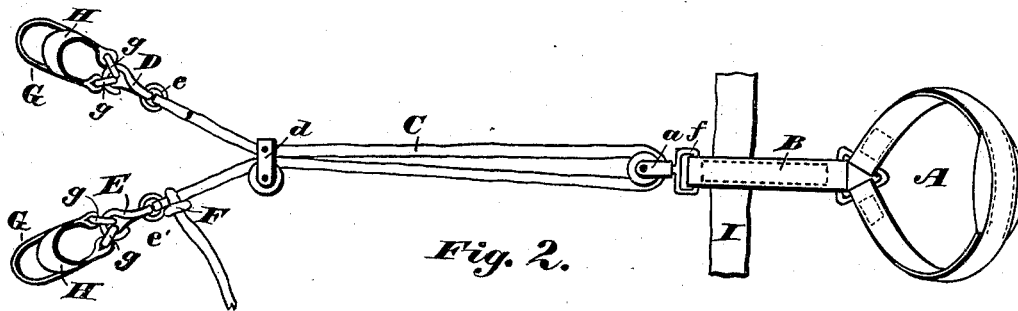


Fig. 2.

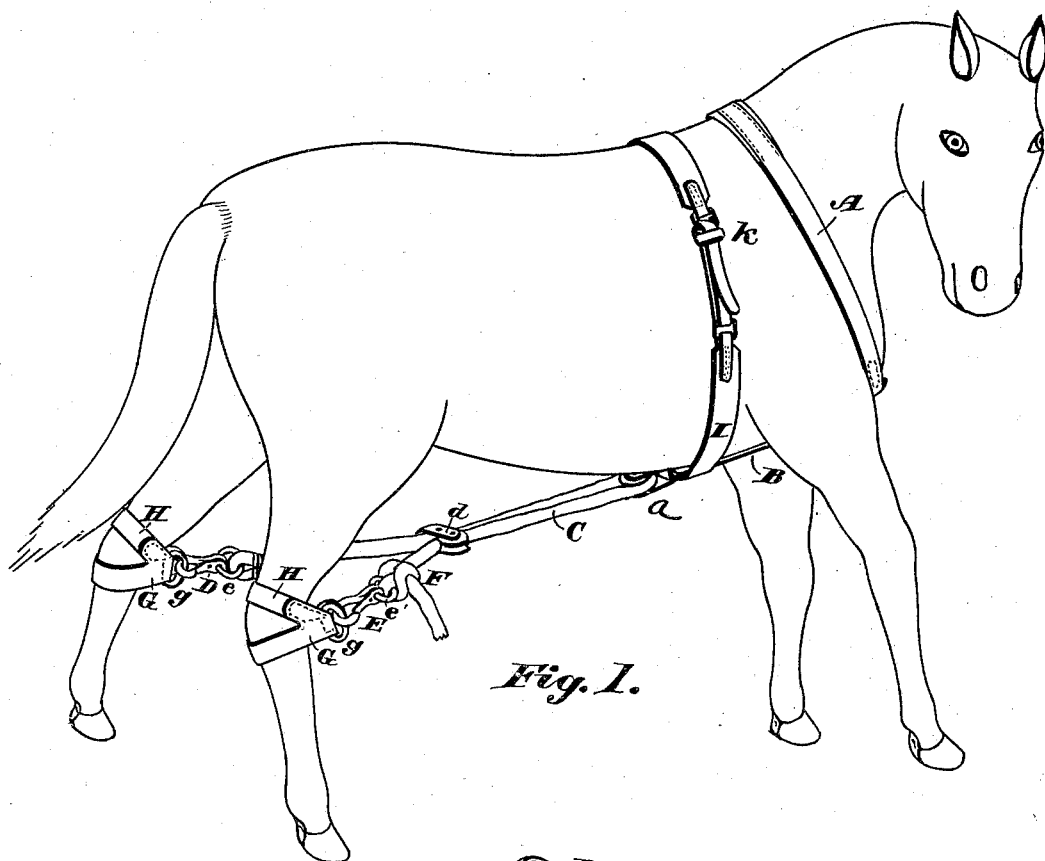


Fig. 1.



Fig. 3.

WITNESSES:

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SPECIFICATION forming part of Letters Patent No. 382,869, dated May 15, 1888.

Application filed January 11, 1888. Serial No. 260,419. (No model.)

To all whom it may concern:

Be it known that I, ORANGE B. FALES, a citizen of the United States, residing at Canfield, in the county of Mahoning and State of Ohio, have invented certain new and useful Improvements in Hopples; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon, in which—

Figure 1 is a view showing the hopple properly attached to an animal, together with its different parts. Fig. 2 is a detached view of the hopple proper. Fig. 3 is a detached view of a hopple, showing a slight modification.

The present invention has relation to serving and kicking hopples; and it consists in the different parts and combination of parts hereinafter described, and particularly pointed out in the claim.

Similar letters of reference indicate corresponding parts in all the figures of the drawings.

In the accompanying drawings, A represents the collar, which is substantially of the form shown in Figs. 1 and 2. To the collar A is attached, in any well-known manner, the breast-strap B, and to the opposite end of the breast-strap B is securely attached the pulley *a* by means of the sheave *f*. The rope C is located substantially as illustrated in Figs. 1 and 2, and passes over and around the pulley *a*, as shown in said Figs. 1 and 2. To one end of the rope C is securely attached the snap-hook D and its ring *e*. At a convenient distance from the end of the rope C which has securely attached the snap-hook D is securely attached the pulley-block or ring *d*, said pulley-block or ring *d* being so adjusted that it will admit of the passage of the opposite end of the rope C, as illustrated in Figs. 1 and 2. In the drawings a pulley-block is shown; but it will be understood that a ring securely attached to the rope C will accomplish the same purpose, the purpose being to hold the rope together, as illustrated in the drawings, and prevent the animal from becoming entangled. The snap-hook E and its ring *e'* are adjustably

attached to the opposite end of the rope C by means of the knot F, or its equivalent.

The object and purpose of adjustably attaching one of the snap-hooks to the rope C is to adjust the hopple proper to different-sized animals. I prefer to tie the adjustable snap-hook E, as when a buckle is used its tongue is liable to become bent, rendering it difficult to be removed for adjustment.

The hopple proper is composed of the strap G and the elastic strap H. Said parts are sewed or riveted together in any well-known manner, and are provided with the rings *g*, as illustrated in the drawings. The rings *g* are for the purpose of receiving the snap-hooks.

In use the hopple proper is placed over the houghs of the animal, and is so arranged and adjusted that the elastic straps H will come over the top of the houghs, thereby preventing the hopple from slipping down. It will be seen that by my peculiar arrangement the animal can take short steps, the length of the steps being regulated by the slack of the rope C. It will also be seen that the animal will be prevented from kicking, as by throwing one foot backward the strain of the rope C will hold both feet. By the use of the block or ring *d* the rope C is held in such a position as to prevent the stallion from becoming entangled in the hopple proper. For the purpose of holding the breast-strap B and the rope C up, the surcingle I is provided, and is located substantially as shown in Fig. 1. The ends of the surcingle I are held together by means of the knot *k*, said knot being of the kind used in tying a Mexican saddle in place. It will be seen that by the use of the surcingle I and the block or ring *d* the mare cannot become entangled.

In use the collar is first placed in position, when the rope C is brought back, one of the hopples placed in position, and the other hopple placed in proper position also, and the rope C properly adjusted as to length by means of the knot F, or its equivalent.

In Fig. 3 a modified form of hopple is shown, which consists of two straps, K K, independently attached to the rings *k'*. The top or upper strap takes the place of the elastic strap H.

It will be seen that by the use of my improved device an animal can be quickly and easily hopped, and at the same time the hopple can be readily adjusted to different-sized animals, and when placed in proper position will prevent a stallion from being kicked or otherwise injured while serving a mare. It will also be seen that by holding the rope C together the stallion's feet will not become entangled with said rope.

It will be seen that by the use of the snap-hooks and the knot F no buckles are required to hold and adjust the different parts. It will also be seen that by the use of the pulley *a* the friction of the rope C will be greatly reduced, thereby permitting the animal to freely exercise within the limits of the hopple proper.

By the use of the elastic straps H it will be seen that the hopple proper will be securely held in proper position, said elastic straps embracing and hugging the leg of the animal above the houghs, and at the same time permitting the animal to properly and freely use the hough-joints in walking. I am aware of

Patent No. 54,887, of May 22, 1866, granted to E. H. Gammon, and do not lay any claim to the construction therein shown.

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

In a serving and kicking hopple, the combination of the collar A, having attached thereto the breast-strap B, the free end of said breast-strap having the pulley *a*, the rope C, passing over said pulley *a*, the pulley-block *d*, fixed to said rope C, and adapted to embrace and confine the return portion of said rope C, the hopple composed of the strap G and the elastic strap H, the snap-hooks D and E, and the surcingle I, substantially as and for the purpose specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

ORANGE B. FALES.

Witnesses:

FRED W. BOND,
L. C. WISE.