

(No Model.)

C. H. TROTT.

HALTER.

No. 246,922.

Patented Sept. 13, 1881.

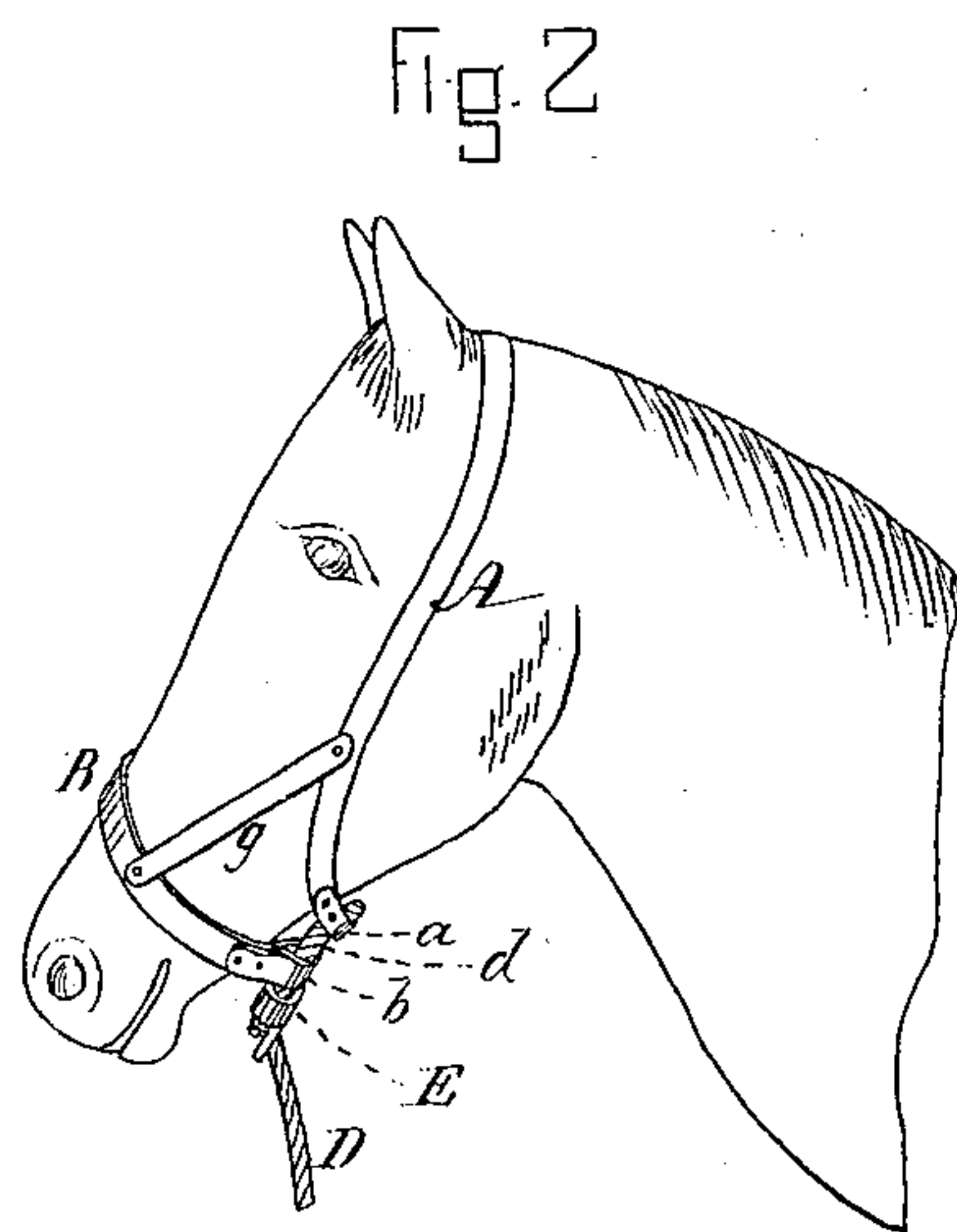
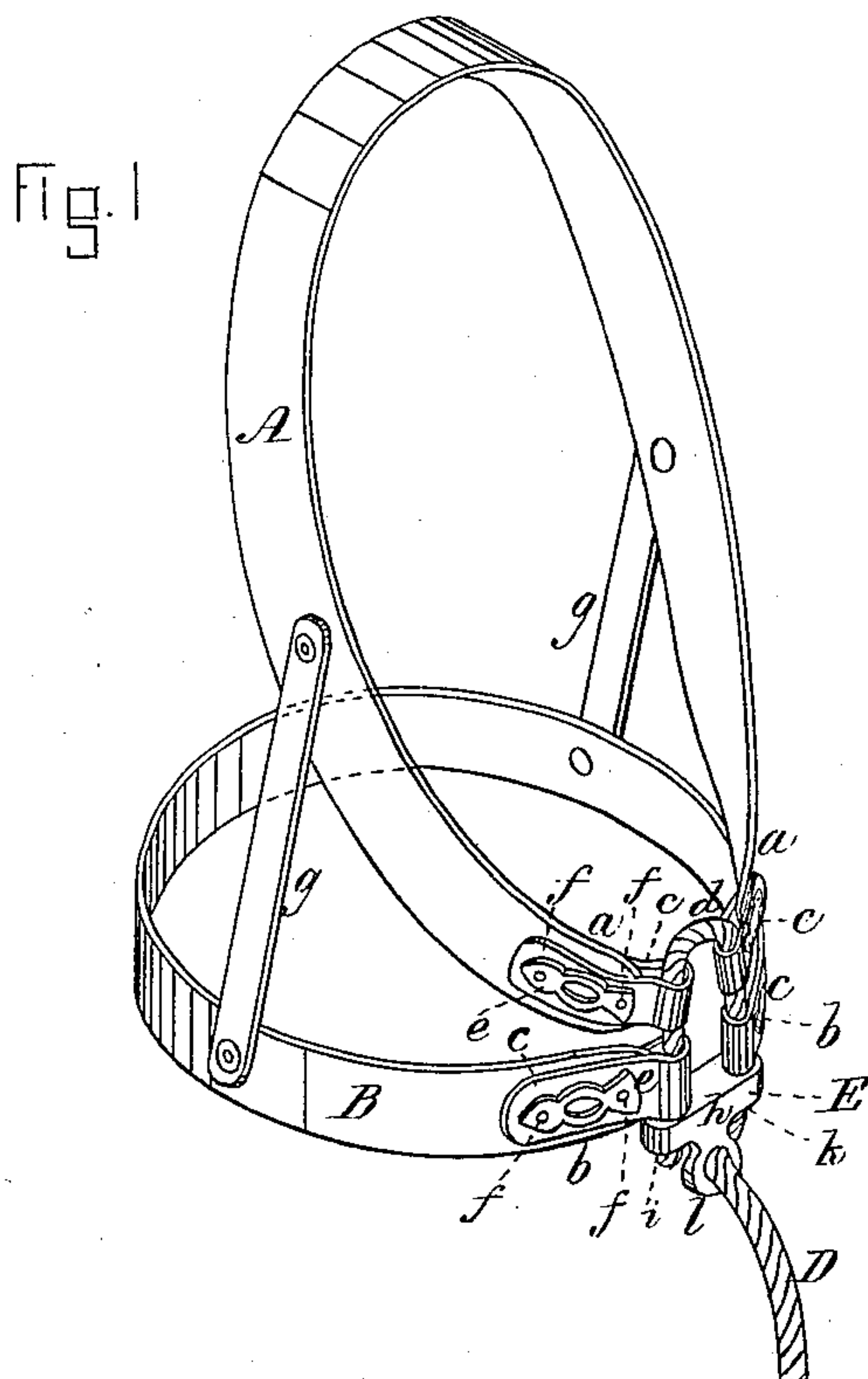


Fig. 3

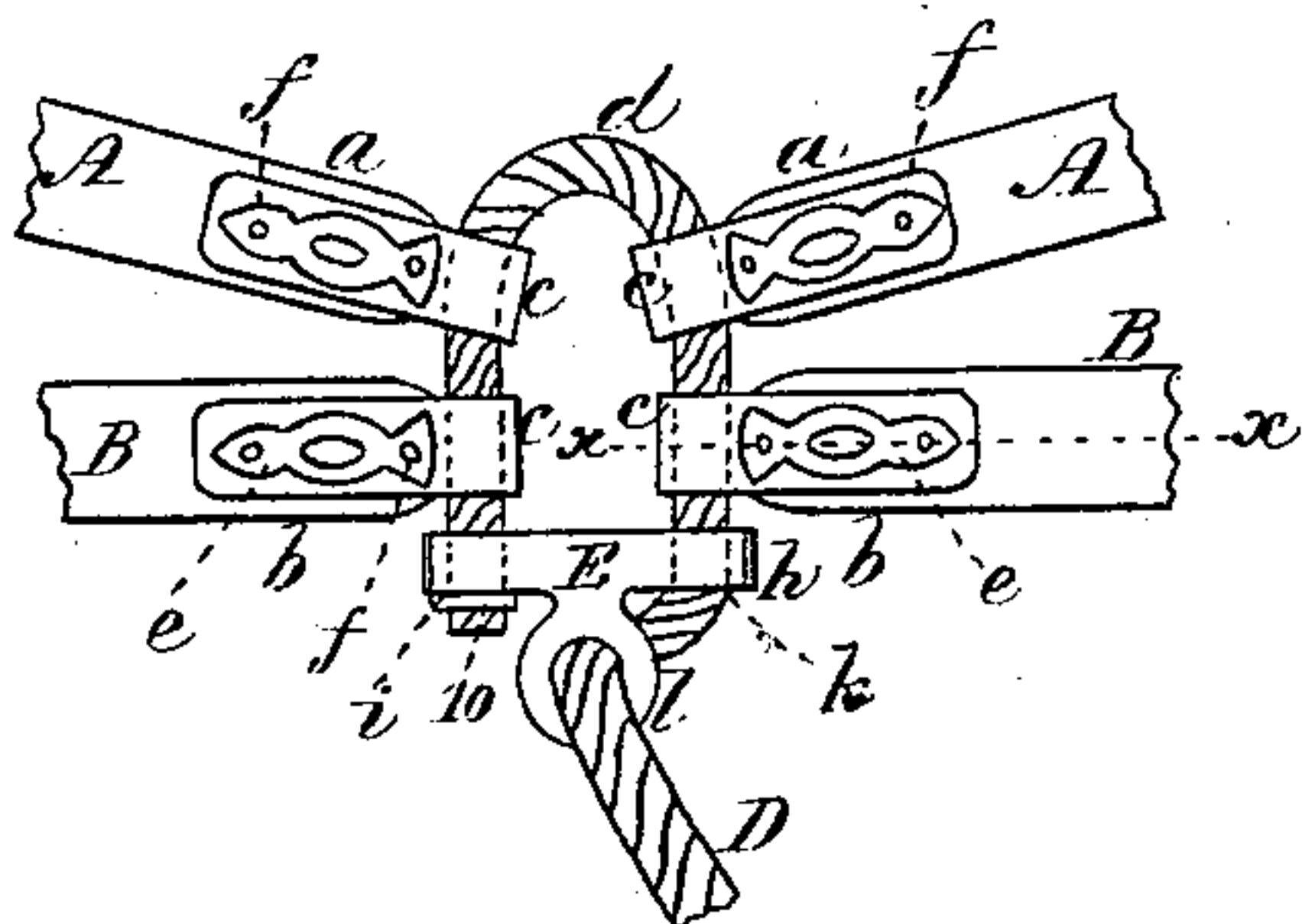


Fig. 4

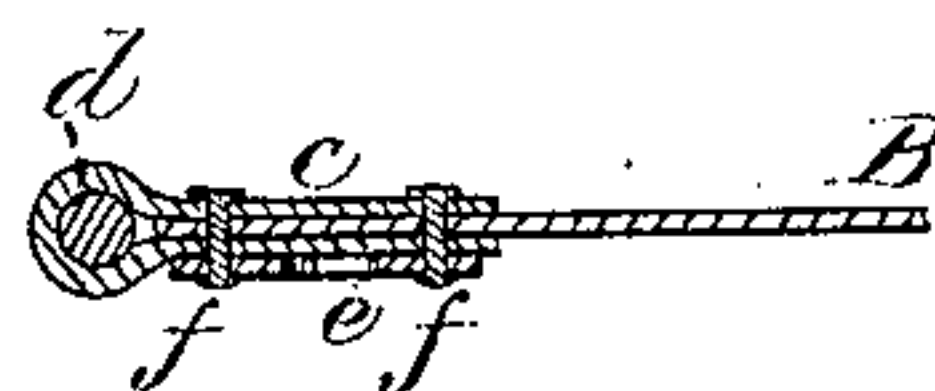
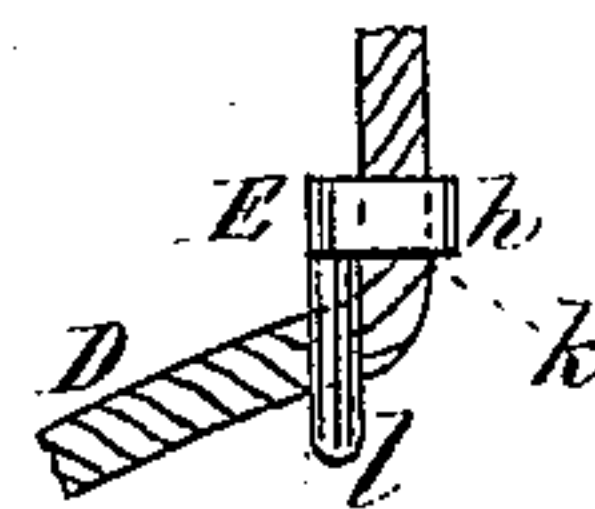


Fig. 5



WITNESSES

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att'y

UNITED STATES PATENT OFFICE.

CHARLES H. TROTT, OF BOSTON, MASSACHUSETTS.

HALTER.

SPECIFICATION forming part of Letters Patent No. 246,922, dated September 13, 1881.

Application filed April 11, 1881. (No model.)

To all whom it may concern:

Be it known that I, CHARLES H. TROTT, of Boston, in the county of Suffolk and State of Massachusetts, have invented certain Improve-
5 ments in Halters, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, making part of this specification, in which—

10 Figure 1 is a perspective view of a halter constructed in accordance with my invention. Fig. 2 represents the same applied to a horse. Fig. 3 is an elevation of a portion of the halter. Fig. 4 is a section on the line *x x* of Fig. 3; Fig. 5, detail.

15 My invention has for its object to enable me to produce at a very low cost a strong and durable halter, which can also, if desired, be made adjustable to fit horses of different sizes; and my invention consists in a halter composed
20 of a crown-piece and a nose-piece, the four ends of which are brought together at a point which comes immediately beneath the chin of the horse, where they are connected by means of loops to a loop formed at the end of the hitch-
25 ing rope or strap, or to a ring to which the hitching rope or strap is attached.

My invention also consists in providing the loop at the inner end of the hitching rope or strap, to which the crown and nose pieces are
30 secured, with an adjustable clamping or holding device, whereby the length of the loop can be varied to adjust the halter to fit horses of different sizes.

In the said drawings, A represents the crown-
35 piece of the halter, or that portion which passes over the top of the horse's head, and B the nose-piece, each formed of a piece of stout webbing. The four ends *aa* and *bb* of these pieces are brought together at a point which, when
40 the halter is in place upon the horse, comes immediately beneath his chin, as seen in Fig. 2, where they are connected by means of leather loops *c* to a loop or eye, *d*, formed at the inner end of the hitching or tie rope or strap D.
45 The leather loops *c* are preferably secured upon the ends *a b* of the crown and nose pieces by means of malleable-iron plates and rivets *e f*, as shown in Fig. 4; but other means of fastening may be employed, if desired. The crown-
50 piece and the nose-piece are connected to-

gether by side braces, *g g*, which prevent the halter from slipping out of place down the horse's neck.

The inner end of the tie-rope D is held together to form the loop or eye *d* by means of a 55 metallic clamping or holding device, E, which consists of a transverse piece or bar, *h*, having two apertures, *i k*—the former for confining the end of the rope, which is prevented from slipping through by a piece of wire, 10, 60 and the latter for holding the running portion of the rope, which also passes through an eye or ring, *l*, secured to the under side of the bar *h* in such a manner as to produce a short bend in the rope, which prevents it from being pulled 65 through the aperture *k* after the loop has been adjusted as required to vary the distance apart of the ends *a b*.

When it is desired to vary the size of the loop *d* the rope must be first pushed up through 70 the eye *l*, so as to slacken it between the latter and the bar *h*, when it can be freely drawn in either direction through the aperture *k* by a straight pull.

I prefer to use the above-described clamping 75 or holding device on account of its cheapness and simplicity; but any other suitable clamping or holding device may be substituted therefor, if desired.

By thus changing the size of the loop *d* at 80 the inner end of the tie rope or strap the distance apart of the ends *a b* of the crown and nose pieces A B may be varied, thus practically lengthening or shortening them and enabling the halter to be readily adjusted to fit 85 horses of different sizes, which cannot be accomplished in any of the cheap grades of halters heretofore made with which I am acquainted.

The connecting together of all four ends of 90 the crown and nose pieces at a common point which comes immediately beneath the chin of the horse I regard as a very important feature of my invention, as it confines the crown-piece around the jaws of the horse in such a manner 95 as to enable the usual throat-latch to be dispensed with, while the strain is also brought upon the crown-piece in such a direction that all liability of its slipping off the head is avoided.

Instead of forming a loop or eye at the end 100

of the hitching rope or strap, as above described, a ring may be substituted therefor, and the ends *a b* of the crown and nose pieces secured thereto by loops or otherwise, the
 5 hitching rope or strap being attached to the ring; but in such case the halter will not be adjustable, although the advantages incident to the connecting together of the crown and nose pieces at a common point immediately be-
 10 neath the horse's chin will be retained.

A halter constructed as above described is exceedingly strong and durable, and can be manufactured very cheaply, as short waste pieces of leather can be utilized, which can be
 15 cut out with dies by the employment of very cheap labor.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. In a halter, the combination, with the
 20 crown-piece A and nose-piece B, having their four ends *a a b b* brought together at a point coming immediately beneath the chin of the horse, of the four loops *c* for connecting the crown-piece and nose-piece to a loop or ring at
 25 the inner end of the hitching rope or strap D, substantially as and for the purpose set forth.

2. The crown-piece A and nose-piece B, having their four ends *a a b b* brought together at a point coming immediately beneath the chin of the horse, in combination with the hitching
 30 rope or strap D, provided at its inner end with an adjustable loop or eye, *d*, to which the ends *a a b b* of the crown and nose pieces are connected, all operating substantially in the manner and for the purpose described. 35

3. The combination, with the crown-piece A, nose-piece B, and the hitching rope or strap D, united as described, of the clamping or hold-
 40 ing device E, consisting of the bar *h*, with its apertures *i k*, and the eye or ring *l*, arranged to produce immediately under the bar a short bend in the rope or strap, to prevent it from being pulled through the aperture *k* when ad-
 45 justed therein, substantially as set forth.

Witness my hand this 28th day of March, 45
 A. D. 1881.

CHARLES H. TROTT.

In presence of—

P. E. TESCHEMACHER,
 W. J. CAMBRIDGE.