

(No Model.)

J. ANDES.
BRIDLE AND HALTER.

No. 318,409.

Patented May 19, 1885.

Fig. 1.

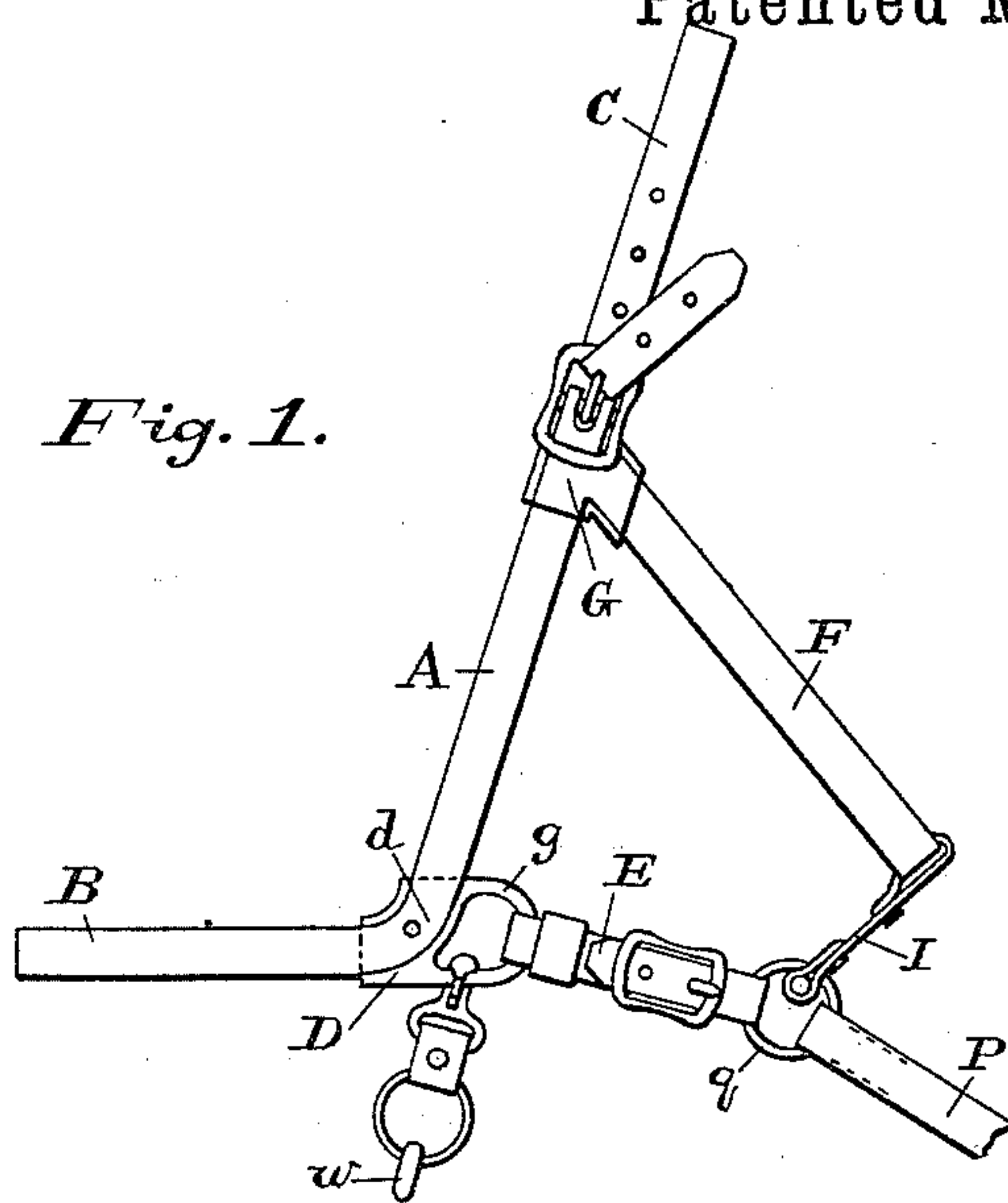


Fig. 2.

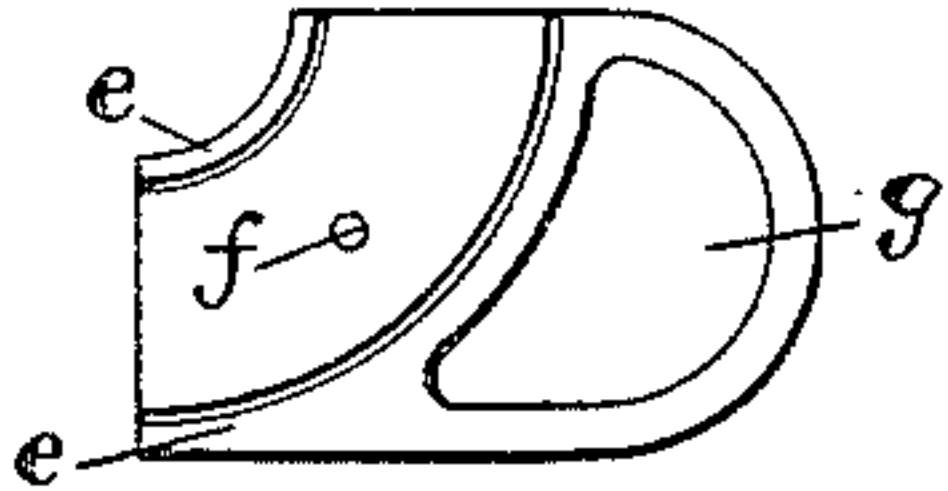


Fig. 3.

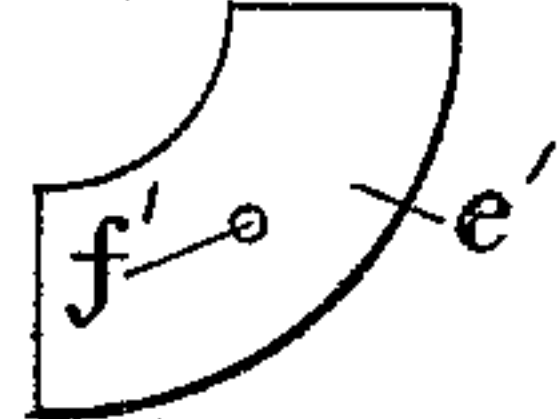


Fig. 4.

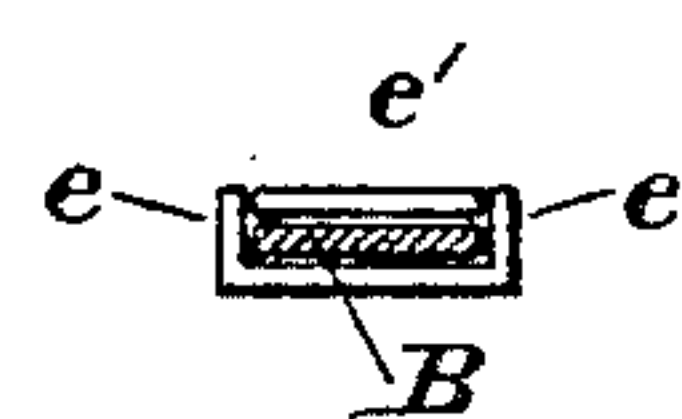


Fig. 5.

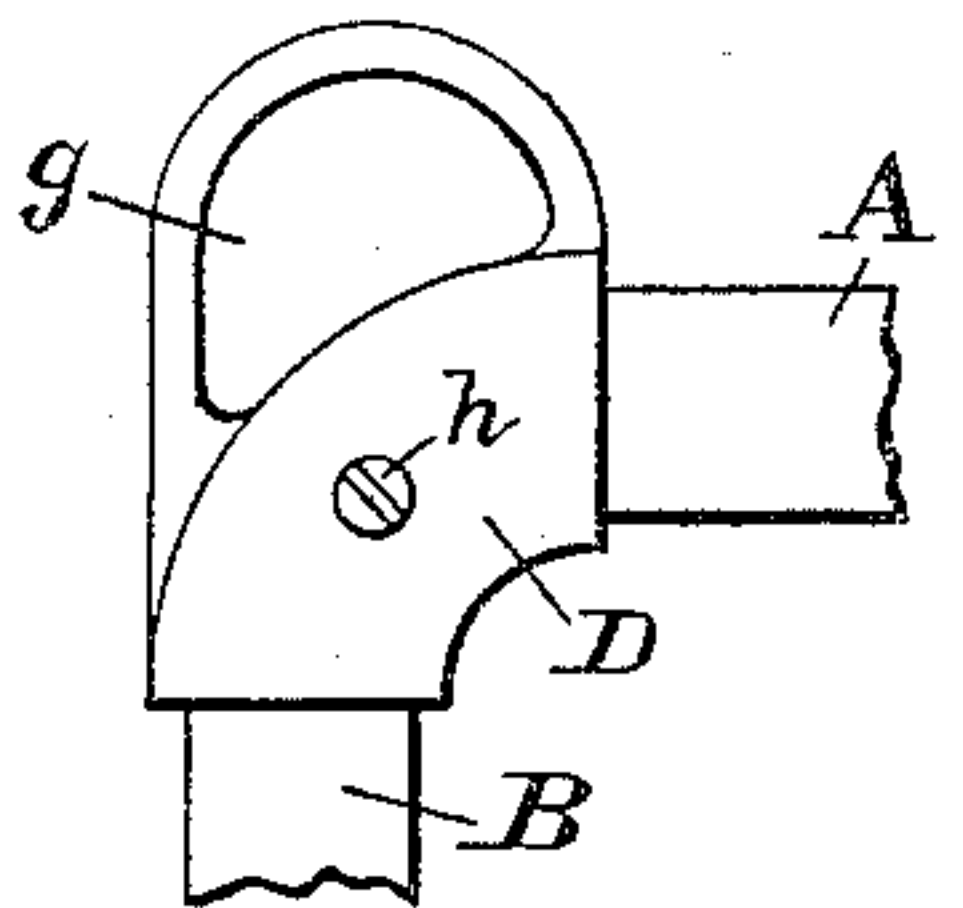


Fig. 6.

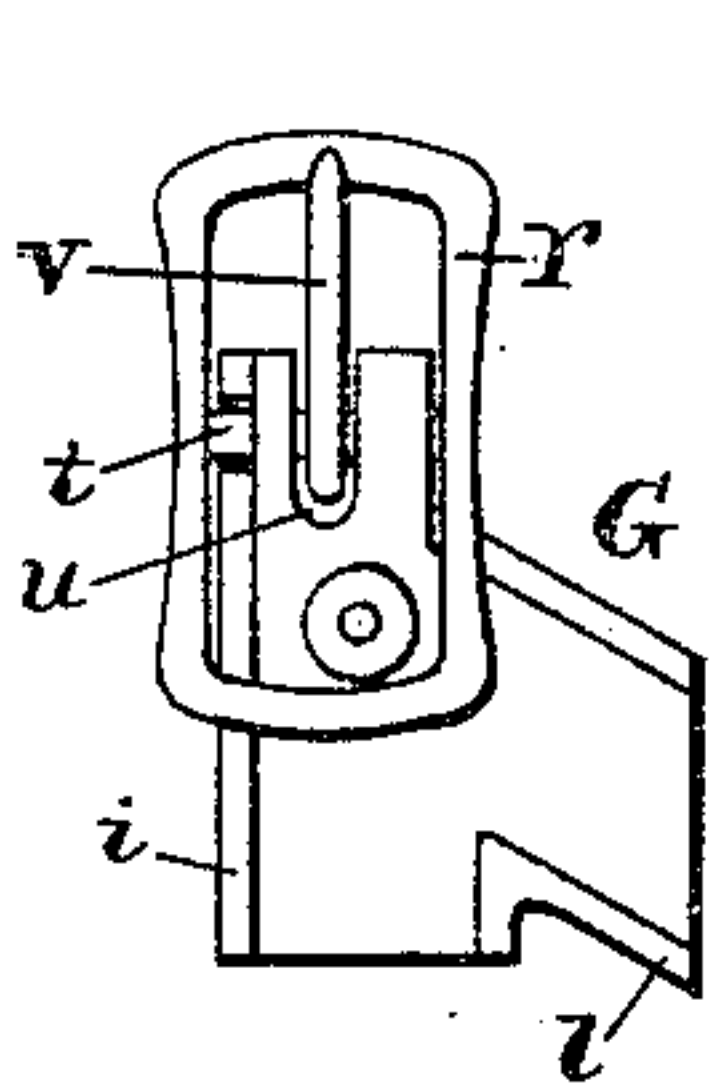


Fig. 7.

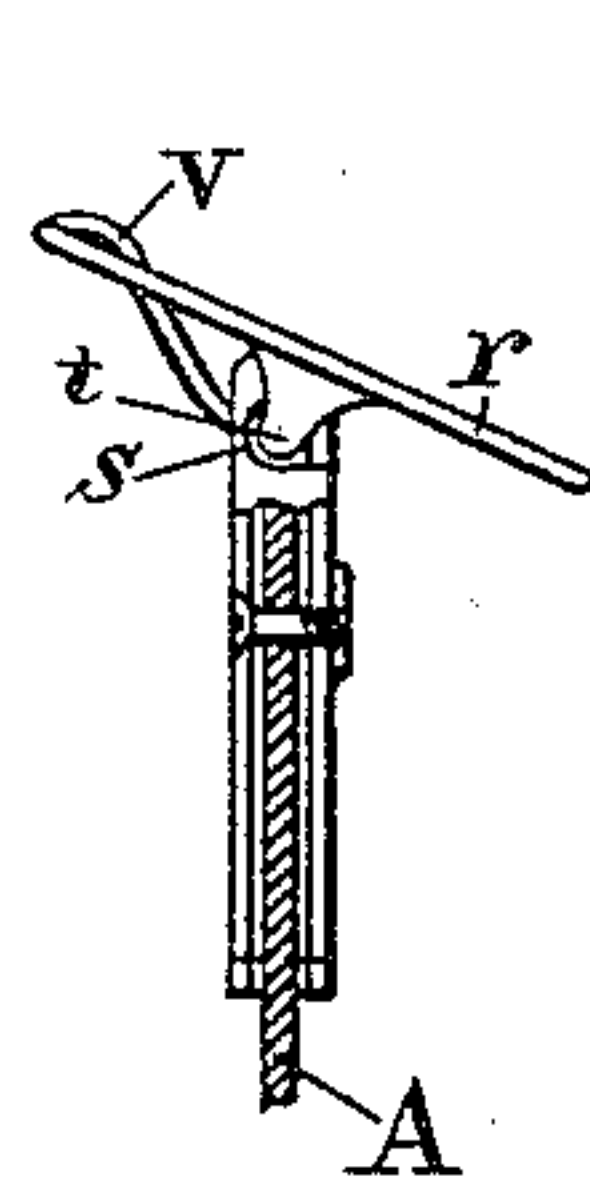


Fig. 10.

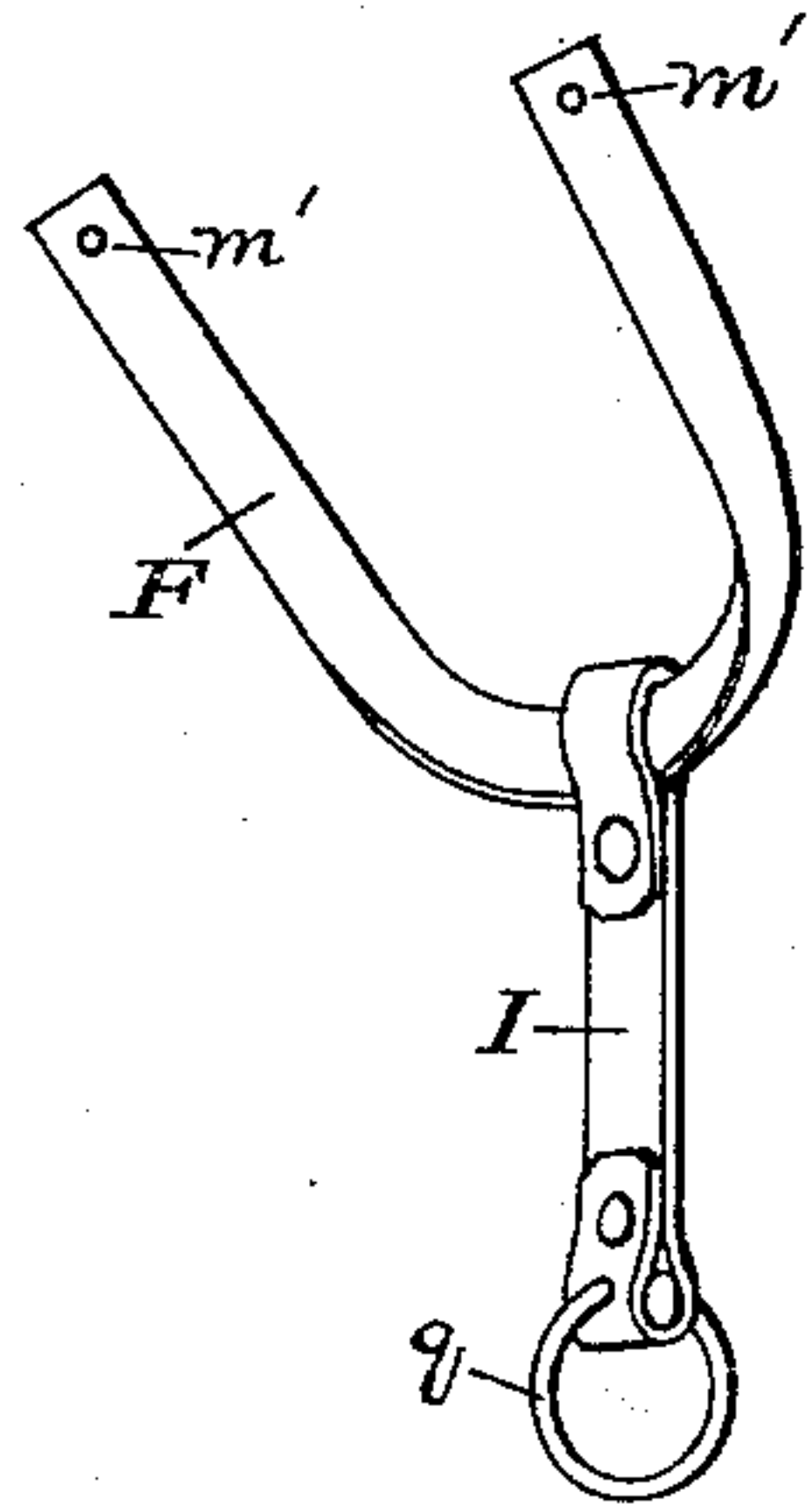


Fig. 8.

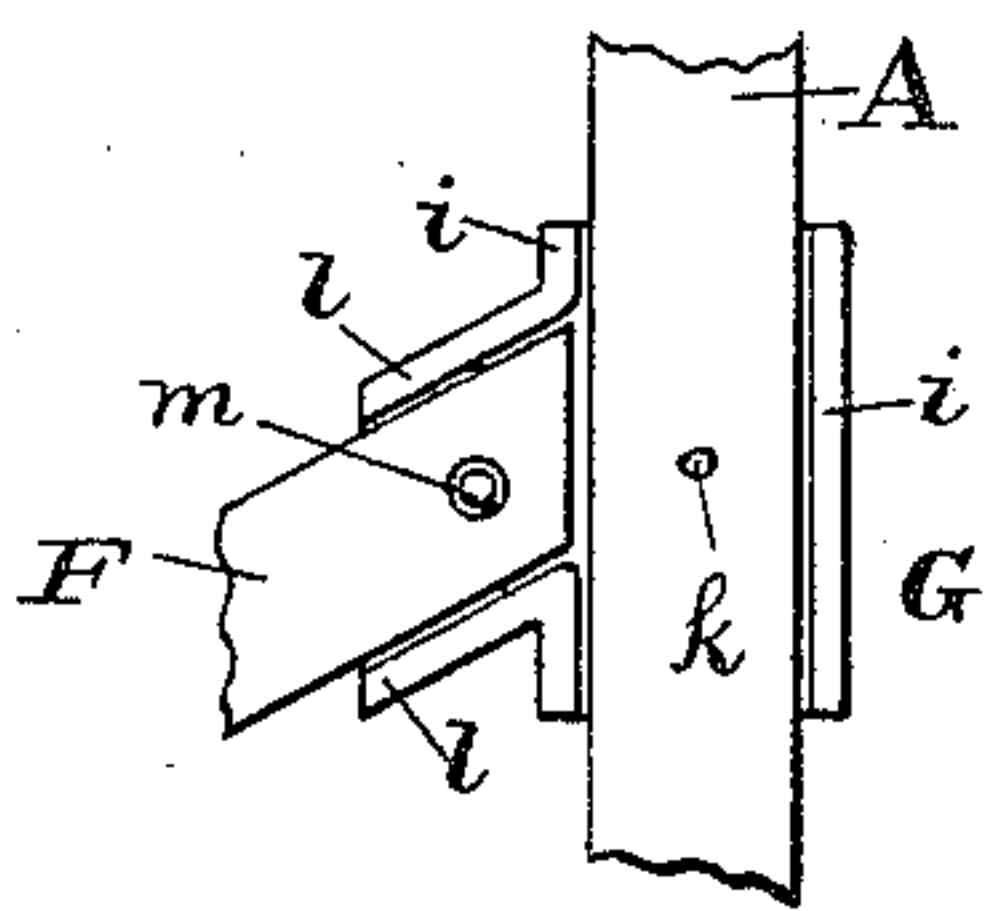
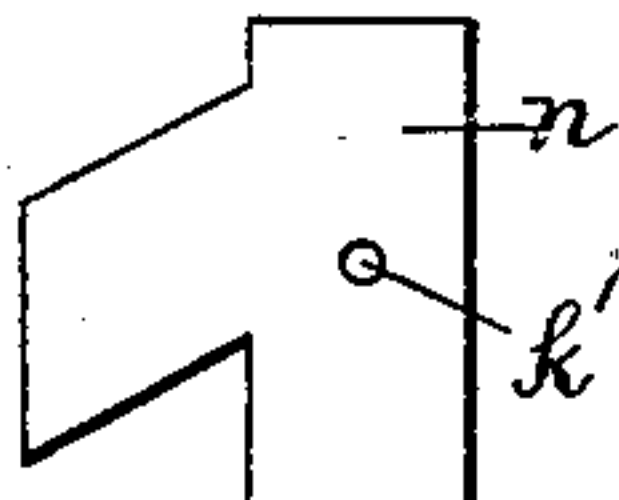


Fig. 9.



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UNITED STATES PATENT OFFICE.

JACOB ANDES, OF WILKES-BARRÉ, PENNSYLVANIA, ASSIGNOR OF TWO-THIRDS TO MICHAEL ANDES AND HENRY ANDES, OF SAME PLACE.

BRIDLE AND HALTER.

SPECIFICATION forming part of Letters Patent No. 318,409, dated May 19, 1885.

Application filed December 17, 1884. (No model.)

To all whom it may concern:

Be it known that I, JACOB ANDES, a citizen of the United States, residing at Wilkes-Barré, in the county of Luzerne and State of Pennsylvania, have invented certain new and useful Improvements in Bridles or Halters, of which the following is a specification.

My invention relates to an improved head-gear for horses, and is adapted for bridles and halters.

The invention will first be described and then claimed.

In the accompanying drawings, Figure 1 is a side view of a halter, but is shown with a bit suspended from the iron at the lower part of the cheek-strap, converting it into a bridle. Fig. 2 is a view of one part of the metal trimming connecting the nose-band, cheek-strap, and jaw-strap. Fig. 3 is a view of the plate which completes the nose-band trimming. Fig. 4 is an end view of same, showing the strap in section. Fig. 5 is a reverse or inner side view of the nose-band trimming. Fig. 6 is a side view of the metal trimming which connects the throat-latch with cheek-strap and having a buckle attached. Fig. 7 is an edge view of same, partly in section. Fig. 8 is a view of one part of the throat-latch trimming used on the opposite side of halter. Fig. 9 is a view of the plate which goes with the part shown in Fig. 8. Fig. 10 is a view of the throat-latch and tug.

The letter A designates the cheek-strap, B the nose-band, and C the crown-piece, which parts comprise one single continuous strap. This strap is first cut straight and then bent edgewise at *d*, where the nose-band and cheek-strap unite. An improved metal trimming, D, is employed at the point of connection of the nose-band, cheek-strap, and jaw-strap. This trimming is a segment-shaped plate having two flanges, *e*, concentric with each other, and a flat surface between them. A hole, *f*, is in the center of the plate, and a loop or eye, *g*, is integral with the outer curved edge. The edgewise bend *d* of the strap A B lies in this trimming, as shown in Fig. 1, and a segment-shaped plate, *e'*, with a center hole, *f'*, covers the said bend and fits between the two flanges *e*. A screw or rivet, *h*, is then passed through

the hole *f*, the strap, and the hole *f'*, and serves to fasten together the two parts of the trimming and confine the strap. The jaw-strap E has one end fastened to the loop *g* on one side of the halter and the other end to the loop on the other side. The ends of the throat-latch F are attached to the cheek-strap by a metal connection, G. This trimming or connection consists of a plate having two parallel flanges, *i*, between which the cheek-strap A is placed. A hole, *k*, is in the center. A branch part projects obliquely from one edge, and has two parallel flanges, *l*. A stud, *m*, is fixed in the center. The ends of the throat-latch have a hole, *m'*, and one of said ends is placed in each of the obliquely-projecting parts and fixed on the stud *m*. A plate, *n*, (see Fig. 9,) has a shape which adapts it to fit between the flanges *i i* and *l l* and against the stud *m*, and a screw or rivet is then passed through the hole *k*, the cheek-strap, and the hole *k'* in the plate, thereby fastening together the two parts of the metal connection G, and confining the two straps A and F. The usual tug, I, connects the jaw-strap and throat-latch. A hitching-strap, P, is attached to the ring *q*, which joins the jaw-strap and tug. One of the metal connections G has a buckle, *r*, attached. A hole, *s*, through the top end of the connection is occupied by a bar, *t*, of the buckle, and a slot, *u*, permits the tongue *v* of the buckle which is on the bar to protrude and to move. The metal trimmings D and G may be used either on a bridle or halter. A bit, *w*, is shown suspended from the loops *g*, and may be used or not.

I am aware that halters have been shown constructed of one continuous piece of leather—that is, with cheek and nose band in one piece and cheek and throat strap in one piece. As heretofore made, such halters have had metallic trimming plates or loops to bend the straps at the points where one strap diverges from the other; but said metallic plates produce clumsy or bulky bends in the leather. The construction of the trimming-plate D here shown entirely covers the strap at the bends referred to, and by confining it within narrow limits obviates the objectionable feature named.

Having described my invention, I claim and desire to secure by Letters Patent of the United States—

1. A head-gear for animals, having a cheek-
5 strap and nose-band formed of one piece with an edgewise bend, *d*, at the uniting angle, and provided with a metal trimming, *D*, entirely covering the edgewise bend, the said trim-
10 ming consisting of a plate having two concentric curved flanges, *e*, with a flat surface between them, and a segment-shaped plate, *e'*, fitting and secured between the two flanges to confine the edgewise bend, as set forth.

2. A metal trimming for the head-gear of animals, consisting of a plate having two con- 15 centric curved flanges, *e*, with a flat surface between them, and provided on the edge with a loop, *g*, and a segment-shaped plate, *e'*, fitting between the said curved flanges, as set forth.

In testimony whereof I affix my signature in
20 presence of two witnesses.

JACOB ANDES.

Witnesses:

JOSEPH HENDES,
H. BARDELL.