C. G. CALO.
SADDLE FOR HORSE COLLARS.

No. 302,708.   Patented July 29, 1884.
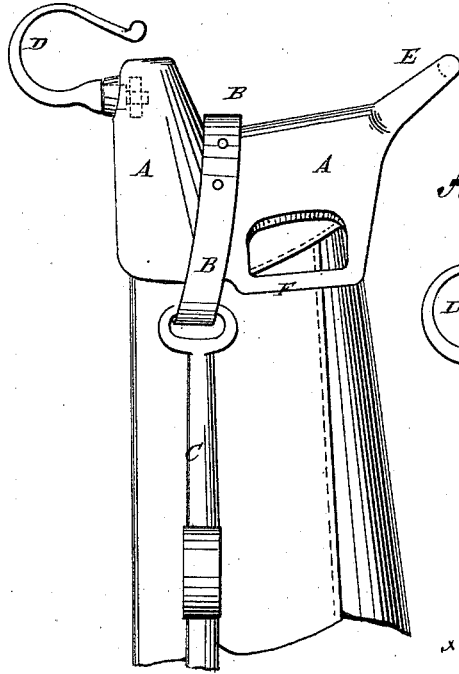
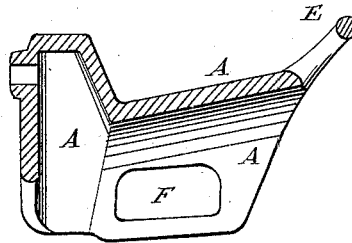*Fig. 1.*
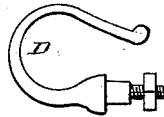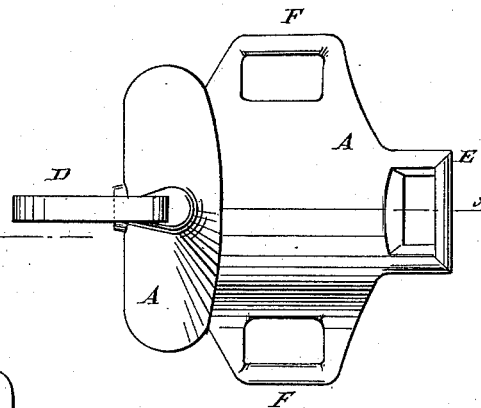
Fig. 3.

Fig. 4.

Fig. 2.

Fig. 5.
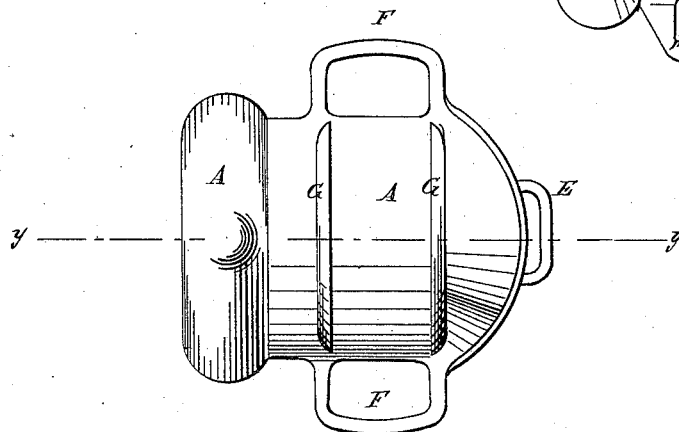
Fig. 6.

WITNESSES:

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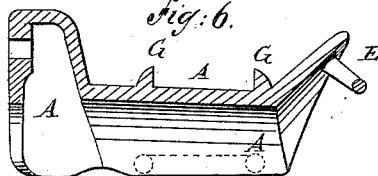
C. Sedgwick

INVENTOR:

C. G. Calo

BY

ATTORNEYS.

CHRISTOPHER G. CALO, OF NEWARK, NEW JERSEY, ASSIGNOR TO HIMSELF, AND LUTHER C. VOORHEES, OF NEW YORK, N. Y.

SADDLE FOR HORSE-COLLARS.

To all whom it may concern:

Be it known that I, CHRISTOPHER G. CALO, of Newark, in the county of Essex and State of New Jersey, have invented a new and use-
5 ful Improvement in Horse-Collar Saddles, of which the following is a full, clear, and exact description.

Reference is to be had to the accompanying drawings, forming a part of this specification,
10 in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a side elevation of my improvement, shown in connection with a collar and hames. Fig. 2 is a plan view of my improve-
15 ment. Fig. 3 is a sectional side elevation of the same, taken through the line $x\,x$, Fig. 2, the water-hook being detached. Fig. 4 is a side elevation of the water-hook detached. Fig. 5 is a plan view of a modified form of the
20 improvement. Fig. 6 is a sectional side elevation of the same, taken through the line $y\,y$, Fig. 5.

The object of this invention is to simplify the construction and cheapen the manufacture
25 of harness, and promote freedom of movement in harnessed horses.

The invention consists in a saddle constructed to fit upon the top of a horse-collar, and provided with side loops to receive thill
30 or tug straps, whereby the thills or tugs can be supported from the said collar. The saddle is provided at its forward end with a check-hook and its rear end with a back-strap loop, to adapt the saddle to receive a check-rein,
35 as will be hereinafter fully described.

A represents the saddle, the body of which is so formed as to fit upon the top of the ordinary collar, where it is kept in place by the upper hame-strap, B, which passes over it,
40 the hames C being made of such a length that their upper ends will be a little below the lower edges of the said saddle A, as shown in Fig. 1.

To the front or top of the forward end of
45 the saddle A is secured a check-hook, D, the shank of which passes through a hole in the said saddle and has a nut screwed upon its end.

Upon the rear end of the saddle A is formed a loop, E, to receive the forward end of the back-strap, to the other end of which is at-
50 tached the crupper. The loop E may be formed upon the rear edge of the top of the saddle A, as shown in Figs. 1, 2, and 3, or beneath the said edge, as shown in Figs. 5 and 6, as the form or style of the saddle may ren-
55 der most convenient.

Upon the side edges of the saddle A are formed loops F to receive straps, the lower ends of which, in the case of single harness, are designed to be provided with loops to receive
60 the thills, and in the case of double harness are designed to be secured to the hame-tug buckles or to the tugs or traces at the rear side of the horses' shoulders.

I prefer to make the thill or tug straps of
65 each horse in one piece, and pass it through the loops F and over the top of the saddle A, so that on the downward pressure upon one of the thills—as, for instance, when a man steps upon the rear part of one of the thills in get-
70 ting into and out of a wagon—the said strap will slide upon the saddle without drawing the saddle and the top of the collar to one side and tending to twist the neck of the horse.

In this case ribs G can be formed across the
75 top of the saddle A, as shown in Figs. 5 and 6, to form a groove to receive the said strap.

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

As a new article of manufacture, a saddle
80 constructed to fit over and upon a horse-collar, and provided with side loops, substantially as and for the purpose specified, whereby thill or tug straps may be attached to and supported upon an ordinary horse-collar.

CHRISTOPHER G. CALO.

Witnesses:
JAMES T. GRAHAM,
EDGAR TATE.