

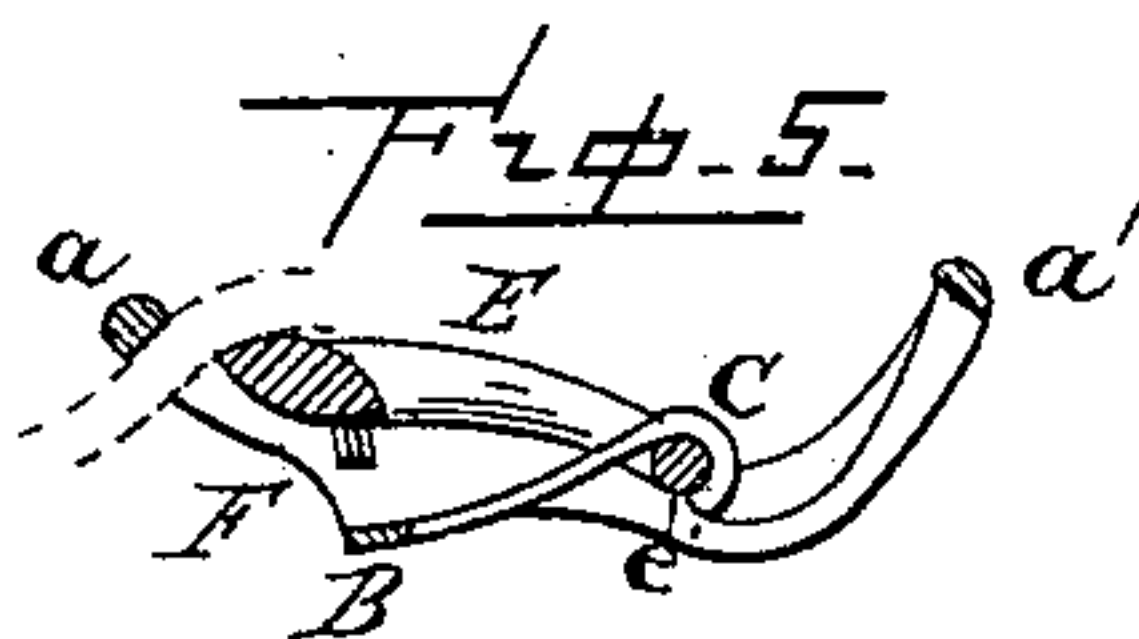
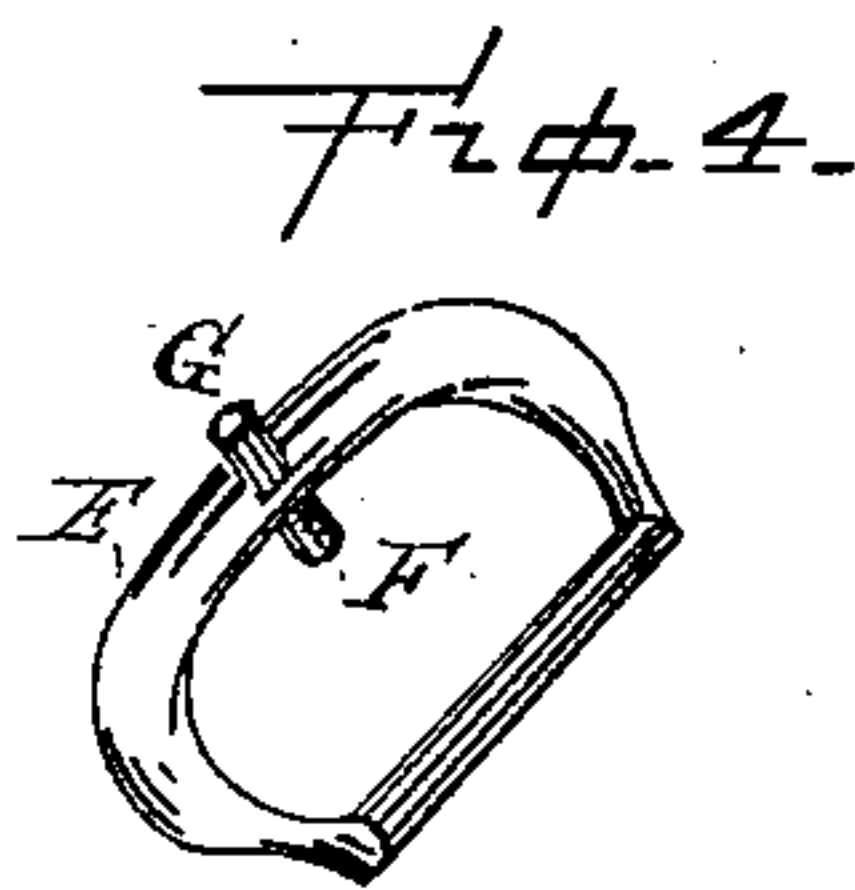
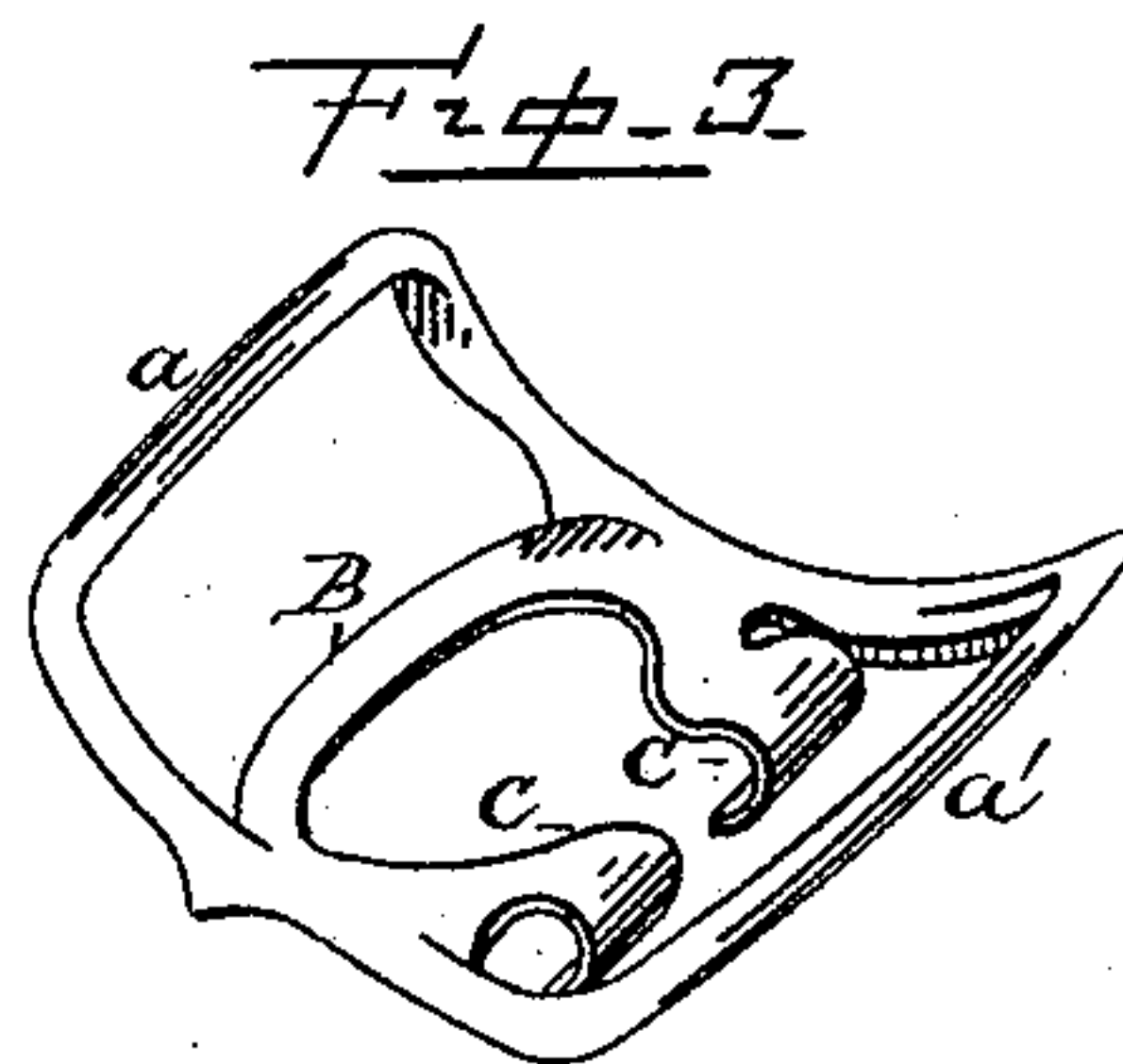
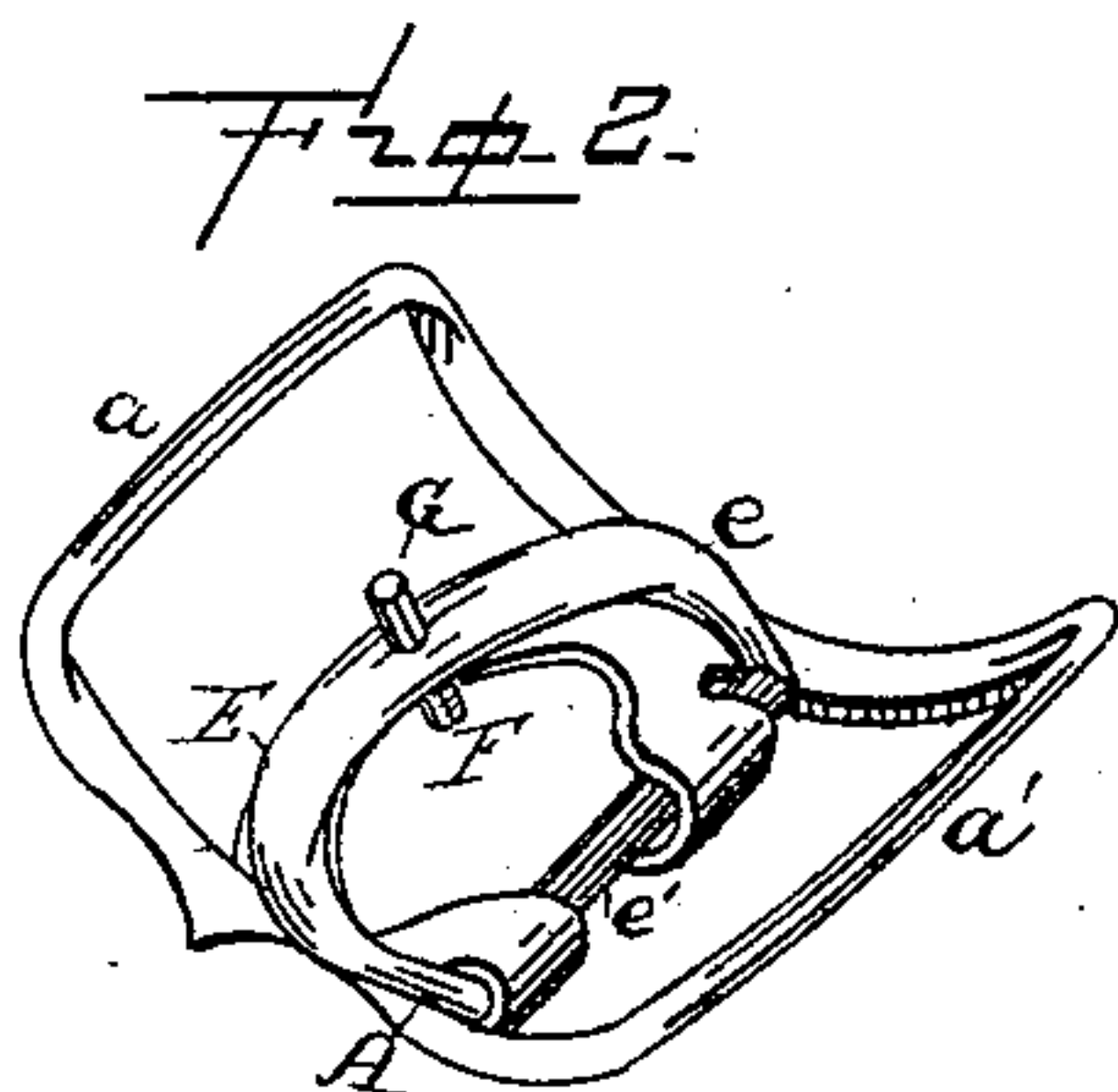
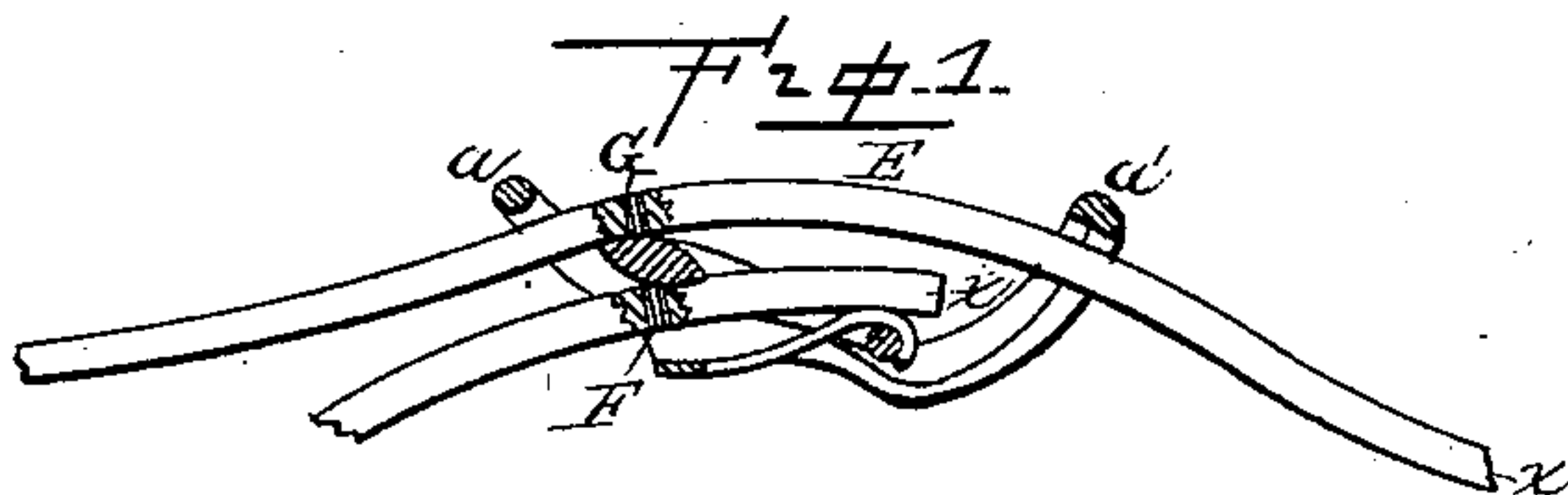
(No Model.)

J. A. PARK.

BUCKLE.

No. 272,755.

Patented Feb. 20, 1883.



WITNESSES

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UNITED STATES PATENT OFFICE.

JAMES A. PARK, OF LANSING, MICHIGAN, ASSIGNOR OF ONE-HALF TO
PUELLA E. PARK, OF SAME PLACE.

BUCKLE.

SPECIFICATION forming part of Letters Patent No. 272,755, dated February 20, 1883.

Application filed December 18, 1882. (No model.)

To all whom it may concern:

Be it known that I, JAMES A. PARK, of Lansing, in the county of Ingham and State of Michigan, have invented certain new and useful Improvements in Buckles; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use the same.

My invention relates to an improvement in buckles designed for use with bridle-reins, halter-leads, martingale, back and hip straps, or other portions of a harness, the object being to furnish a buckle for securing the portions named that may be applied without sewing or riveting, thus adapting it to be readily adjusted for shortening or lengthening the straps and removed when desired.

When buckles of the ordinary construction are used on back or hip straps, it often happens that the tail of a horse catches on the tongue of the buckle.

A further object of my improvement is to provide a buckle of such construction as to avoid this difficulty.

The invention consists in the improved construction of buckle hereinafter fully described, and pointed out in the claims.

In the drawings, Figure 1 is a longitudinal sectional view of a buckle constructed in accordance with my invention and applied to a strap. Fig. 2 is a perspective view of the buckle. Figs. 3 and 4 represent the buckle-frame and bail detached. Fig. 5 is a modification.

A represents the frame of the buckle, provided with end bars, *a a'*, and bent upwardly at its ends, as shown.

B represents a cross-bar formed parallel with and adjacent to the end bar *a*.

C C represent inclined arms projecting from the inner sides of the frame, and adapted to be bent around the bail, as will be further explained. The upper sides of the frame are recessed or cut away at the points D D to form seats or bearing for the bail.

E represents the bail, consisting of the curved frame *e* and pivotal bar *e'*. The under side of the free end of the bail is formed with

a stud or pin, F, adapted to enter a hole in the strap. The bail is arranged in the seats or bearing D D of the frame, and is secured to the latter by bending the ends of the arms C C around the pivotal bars *e'*.

G represents a stud or pin projecting from the upper side of the free end of the bail E to serve as a tongue for the buckle; but, as illustrated in Fig. 5, this tongue G may be dispensed with, if desired, and the strap secured without its aid.

My improved buckle is applied to the strap in the following manner: One end, *x*, of the strap is passed under the end bar *a* of the frame, and under the free end of the bail E, until it rests upon the arms C C of the frame and engages the stud or pin F of the bail. The other end, *x'*, of the strap is then passed under the end bar *a* of the frame, over the bail E and under the end bar *a'* of the frame, which latter serves as a tuck-loop. If the stud G is employed on the bail, the strap is engaged with it, as shown in Fig. 1; but if said stud is omitted the strap may be securely held by its frictional contact with the frame and bail, the latter projecting upwardly a sufficient distance to form a kink or bend in the strap, as illustrated in dotted lines in Fig. 4.

It will be apparent that a buckle constructed as above described may be readily applied to a strap and utilized in many ways in securing together different parts of the harness, and in the points of adjustability and removability fully accomplishes my object in its production.

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

1. The combination, with a frame having upwardly-turned ends and inwardly-projecting arms adapted to receive a bail, of a bail pivotally secured to said arms, and provided with downwardly-projecting stud or studs, substantially as set forth.

2. In a buckle, the combination, with a frame having upwardly-turned end loops, inwardly-projecting embracing-arms, and recesses on its upper side, of a bail having bearing in said recesses and pivotally secured by

said arms, and provided on the under side of its free end with a projecting stud or studs, substantially as set forth.

3. In a buckle, the combination, with a
5 frame having upwardly-turned end loops, a cross-bar having on its under side inwardly-projecting arms to pivotally secure a bail, and recessed as described, of a bail provided on both the upper and the lower sides of its free

end with a projecting stud or pin, substantially as set forth.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

JAMES A. PARK.

Witnesses:

DEAN PARK,

GEO. W. FREEMAN.