

(No Model.)

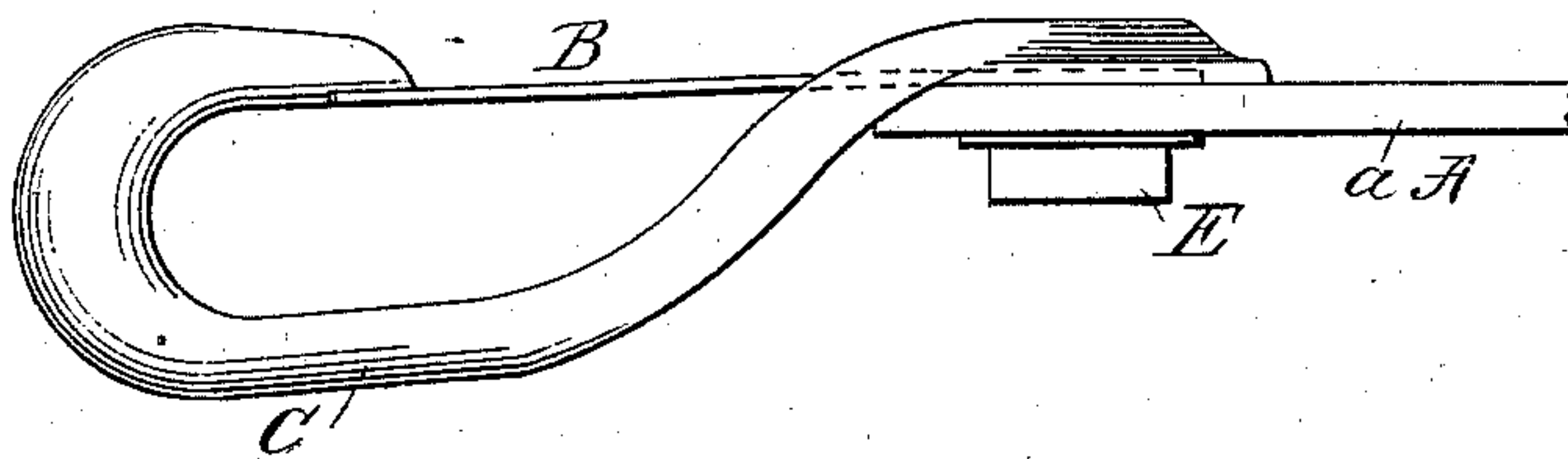
J. A. PARK.

HARNESS SNAP.

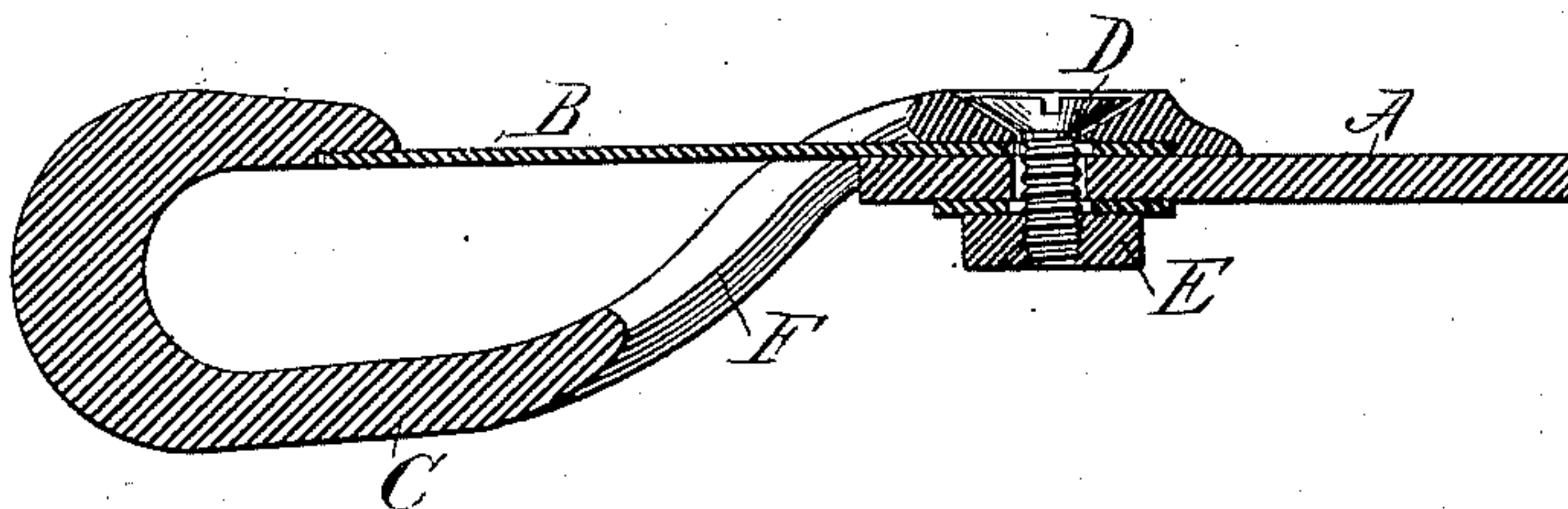
No. 294,145.

Patented Feb. 26, 1884.

*Fig. 1.*



*Fig. 2.*



*Witnesses.*

*J. E. Park*  
*Dean Park.*

*Inventor.*

*James A. Park*

# UNITED STATES PATENT OFFICE

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

## HARNESS-SNAP.

SPECIFICATION forming part of Letters Patent No. 294,145, dated February 26, 1884.

Application filed April 24, 1882. Renewed July 6, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES A. PARK, of the city of Lansing, in the county of Ingham, State of Michigan, have invented a new and  
5 useful Improvement in Harness-Snaps; and my invention has for its object to furnish a harness-snap that can be fastened to a strap without sewing, and to make the parts separate, so that if one be broken it can be quickly  
10 and cheaply replaced.

Figure 1 is a side view of my invention; and Fig. 2 is a middle longitudinal sectional view of my invention, showing how I fasten the strap and the parts of my snap together, and showing  
15 also one-half of the guide-slot F, which is hereinafter referred to.

A represents a piece of leathern strap. B is the spring of the snap. C is the main frame of the snap. D is the head of an ordinary  
20 stove-bolt, and E the nut of the bolt. The frame C differs from the frame of an ordinary snap in that it has only a hole to receive a bolt in the end opposite from the hook instead of a loop or ring to receive a strap. It has also  
25 an opening, F, through which the spring passes from where it is fastened to the hook. The bars of the frame on either side of the opening serve to guide the spring, and to keep it from moving sidewise out from under the  
30 hook and protect it from injury. I fasten the spring to the under side of the back part of the frame C above the strap. The bolt D passes through a hole in the back end of the frame, and through a hole in the end of the  
35 spring B, and through a hole in the end of the strap, and through a washer under the strap. The nut E is then put on and screwed up, and thus all the parts of the snap are fast-

ened in position, and the strap is fastened thereon at the same time. I make my spring 40 straight, and when it loses its "spring" or stiffness by use it can be turned upside down. It will be seen that the spring bends over leather above the iron washer, and will, as a consequence, be more lasting than if it were 45 bent over the sharp corner of metal, and that the spring is well protected from injury, owing to its being fastened underneath the back end of the frame and receiving its protection there, and at the side by the side bars, which 50 form the guide-slot F, as will be seen by reference to the drawings.

I can dispense with a nut for the bolt D by casting the hole in the back end of the frame C small enough and suitable to cut threads 55 therein for the bolt. In that case the head of the bolt would come where the nut now is, and the parts would be held together in the same manner as now.

Having thus fully described my invention, 60 what I claim as new, and desire to secure by Letters Patent, is—

In a harness-snap, the combination, with the frame provided with a hook, and a slot, F, of a spring adapted to extend through said slot 65 and be guided by the adjacent sides of the frame, and secured to the under side of the rear end of the frame, which latter is perforated to receive a fastening-bolt, a strap upon which said spring bears, a washer, and retain- 70 ing-nut, substantially as set forth.

JAMES A. PARK.

Witnesses:

C. W. Root,  
Ed E. Row.