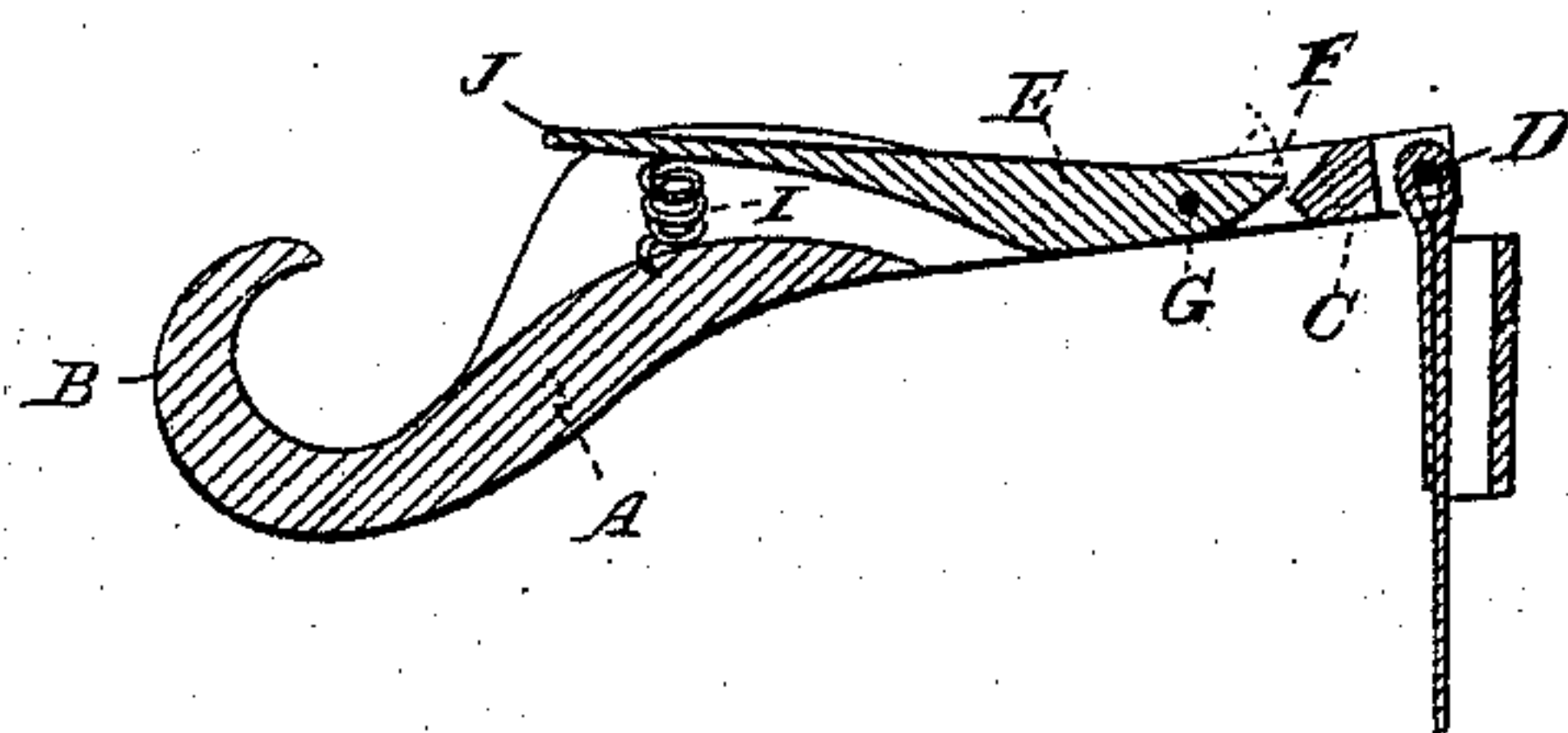
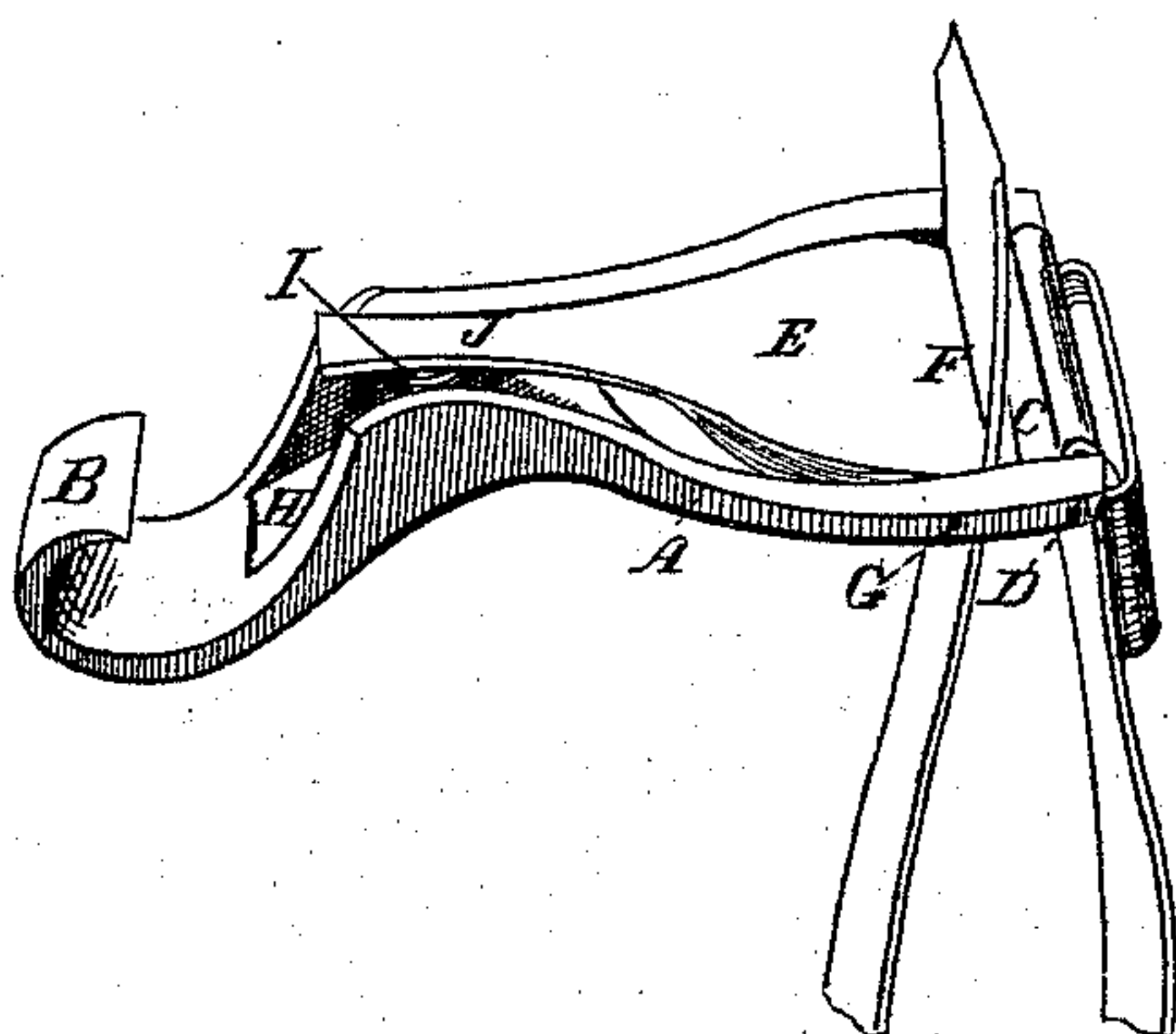


J. B. Armstrong,

Buckle.

No. 77,946.

Patented May 19, 1868.



ATTEST
H. S. Sprague
J. W. Houghton

INVENTOR.
J. B. Armstrong.
Per Attorney
Phil. S. Sprague

United States Patent Office

JEROME B. ARMSTRONG, OF CORUNNA, MICHIGAN.

Letters Patent No. 77,946, dated May 19, 1868.

IMPROVED STRAP-FASTENER.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, JEROME B. ARMSTRONG, of Corunna, in the county of Shiawassee, and State of Michigan, have invented certain new and useful Improvements in Strap-Fasteners; and I do declare the following to be a true and accurate description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, and making part of this specification, in which—

Figure 1 is a perspective view, and

Figure 2 is a vertical longitudinal sectional view.

The nature of my invention consists in so constructing a strap-holder that will hold the strap at any desired point, with a tenacity proportioned to the strain on the same, and particularly designed as a hames, girth, and stirrup-strap holder.

To accomplish this purpose, I construct a frame, A, provided with proper hook B, at one end, and a pentagonal cross-bar, C, and strap-bolt, D, at the other end. In the frame, I place a cam, E, terminating in an acute angular edge, F, at the front end, and in a narrow stem, J, at the other, and held in position by a proper bolt, G. The shank of the strap-holder is formed with a recess, H, in which is placed a proper spring, as at I, raising the stem of the cam E, and depressing its angular edge against the cross-bar C, thereby retaining the strap at any desired point.

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

1. The cam E, provided with the angular edge F and stem J, with the spring I, operating substantially as described, for the purposes set forth.

2. The combination and arrangement of the cam E, the recess H, the spring I, with the frame A, the hook B, the cross-bar C, the strap-bolt D, and the bolt G, all operating in the manner specified, and for the purposes set forth.

JEROME B. ARMSTRONG.

Witnesses:

SAMUEL A. FISH,

D. B. BENNETT.