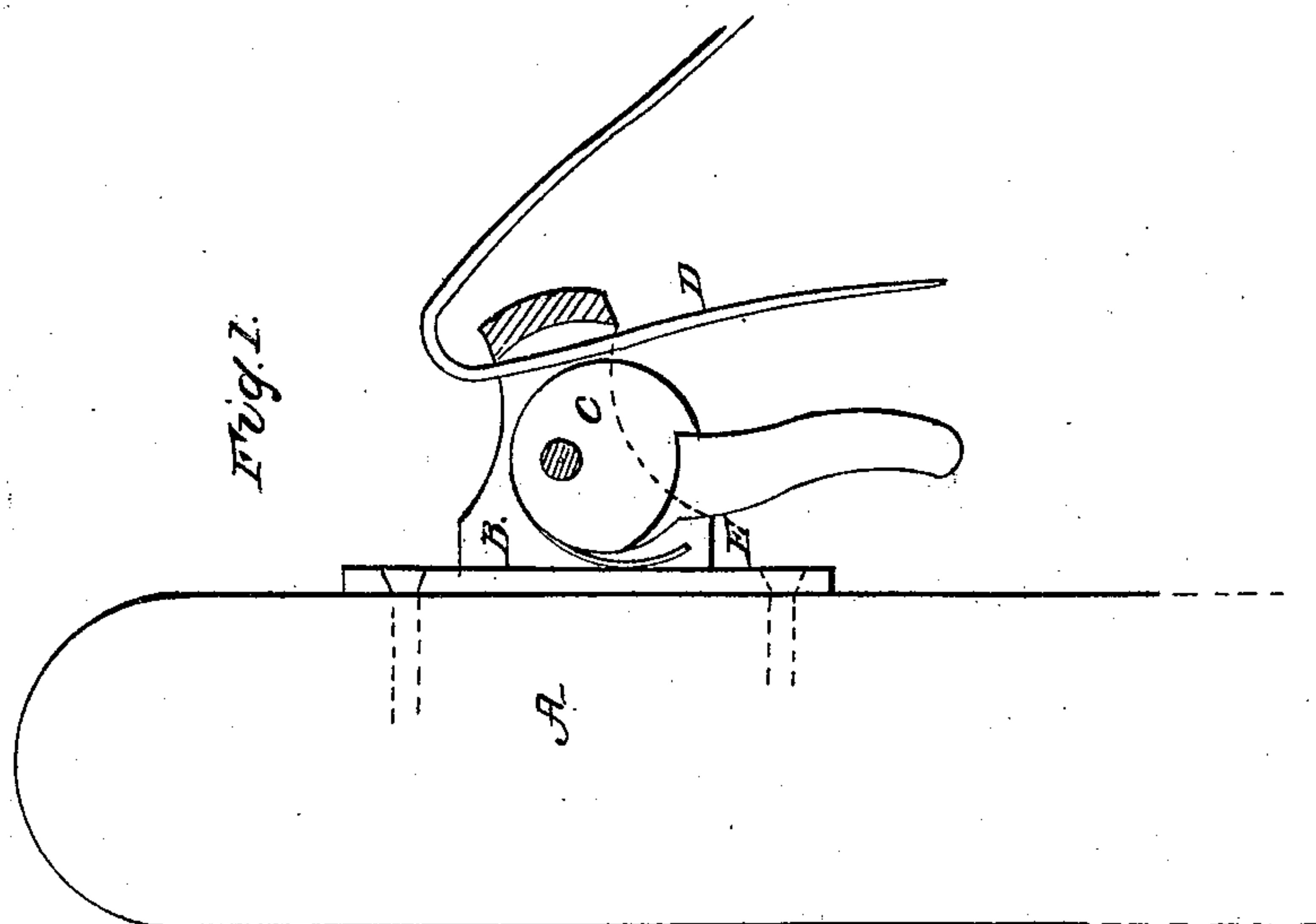
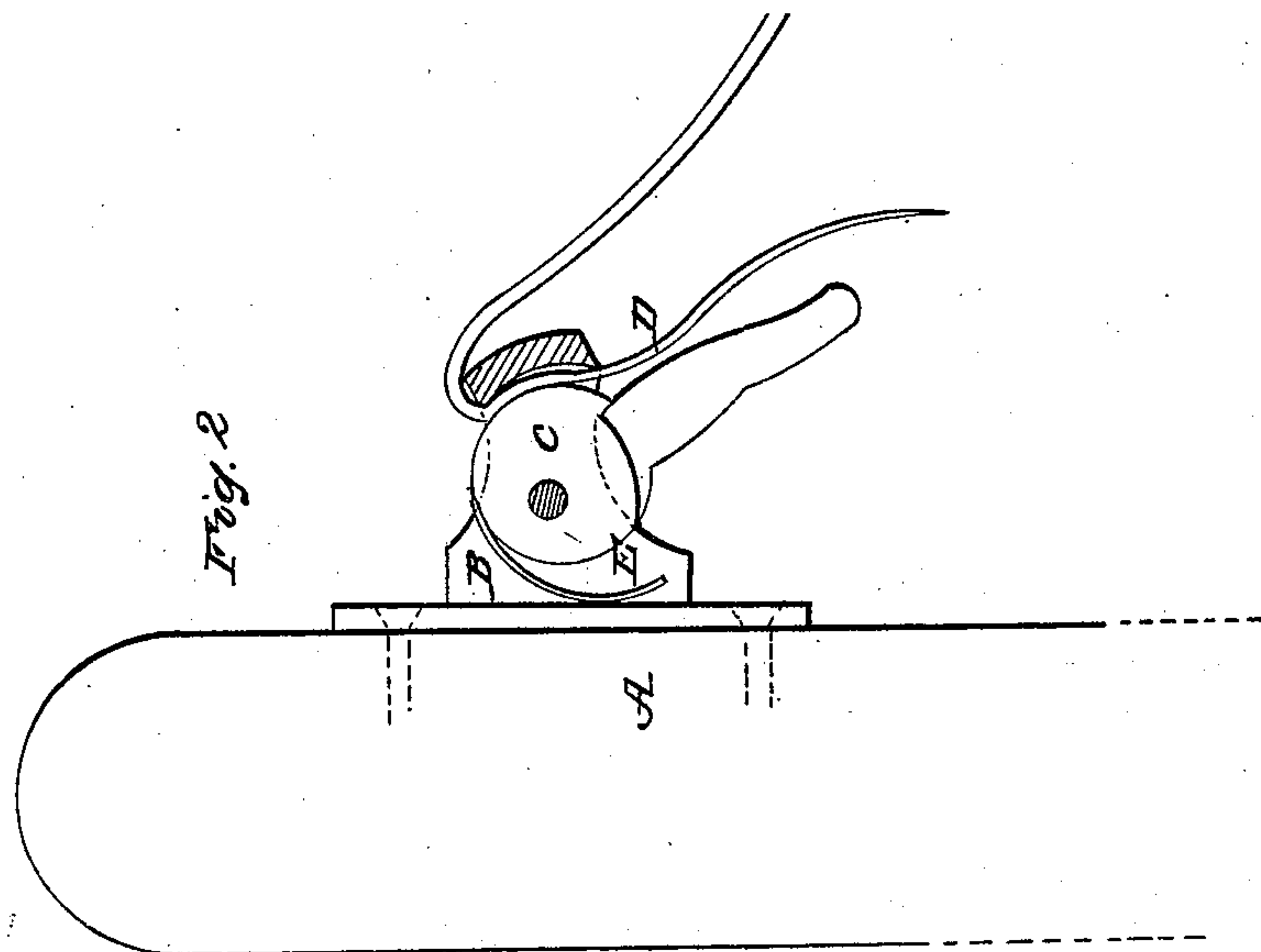


E. S. BOYNTON.

Horse Hitch.

Patented July 8, 1856.

No. 15,279.



Inventor
E. S. Boynton

UNITED STATES PATENT OFFICE.

EDWARD S. BOYNTON, OF EAST HARTFORD, CONNECTICUT.

APPARATUS FOR HITCHING HORSES, CLOTHES-LINES, &c.

Specification of Letters Patent No. 15,279, dated July 8, 1856.

To all whom it may concern:

Be it known that I, EDWARD S. BOYNTON, of the town of East Hartford, county of Hartford, and State of Connecticut, have
5 invented a new and useful improvement in the method of constructing an article for hitching horses to posts and other situations, also for fastening clothes-lines or any other line or strap, belt, or parts of harness where
10 an immediate, quick, sure, and safe fastening is required; and I do hereby declare that the following is a correct description of the same, reference being had to the accompanying drawing and to the letters of reference
15 marked thereon.

The nature of my invention consists in the mode of applying a cam shaped lever and frame for hitching horses.

The drawing, (a section): Figure 1 is a
20 side view with the cam open to receive the strap; Fig. 2, same when closed with the strap in and fastened.

Letter A is part of a post; B, frame of the lever; C, cam lever; D, the strap; E, spring
25 to operate on cam.

The frame B, lever C, and other parts I make of metal in the form as shown in the drawing, or of any other required size or shape to suit circumstances, the principle
30 to remain the same, to be fixed on the side or top of a post, or any other suitable place or position. The cam lever C, is slightly corrugated on the part that presses against the strap to prevent slipping, before it gets
35 firmly fixed, the tongue of the lever is made sufficiently long to be operated on by the thumb and finger.

When required to be used for a clothes line or a cord, I make on the outer cam part of the lever a concave groove to receive the
40 same so that the cord may not be too much flattened.

To use this horse hitch the tongue must be pressed to open it for the strap to pass through. The spring E will press the cam
45 against the strap, and the eccentric form revolving will retain it fast, and the harder it is pulled the tighter it will hold; and remain firm till by pressing on the tongue of the lever to relieve the pressure of the cam
50 it will open for the strap to be withdrawn.

The utilities of this simple process is the convenience and expedition, with which a hook can be securely fastened up, and easily
55 relieved, without the danger of being loosened, or strap drawn out, except by operating on the lever as before stated, also for clothes lines, and many other purposes, where belts, straps, cords or lines are used, this is an effective, simple method of fasten-
60 ing and loosening.

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

The application of a cam shaped lever for horse hitches, in the manner and for the
65 purpose; substantially as herein set forth and described.

June 9th, 1856.

E. S. BOYNTON.

Witnesses:

WM. VINE,
HARRY C. ROBINSON.