

E. KENNY.

Ox-Yoke.

No. 38,395.

Patented May 5, 1863.

Fig. 3.

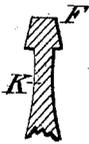


Fig. 1.

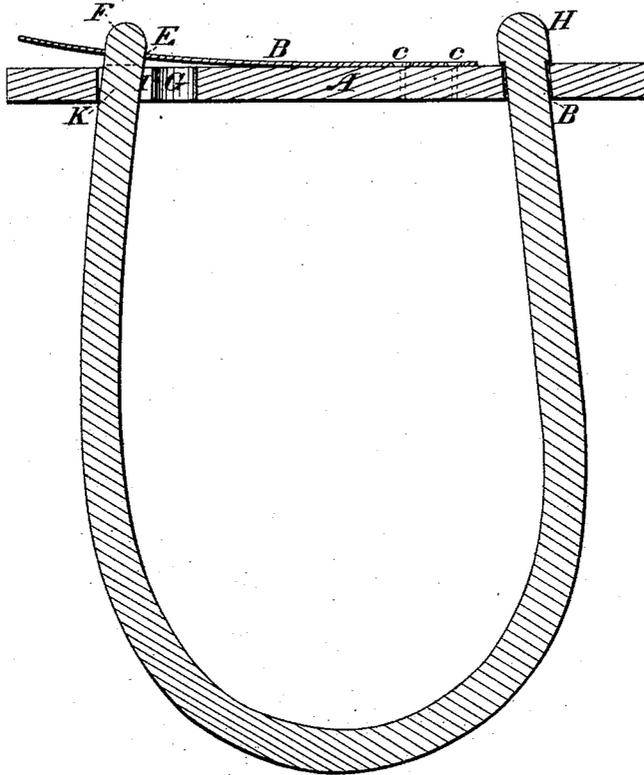
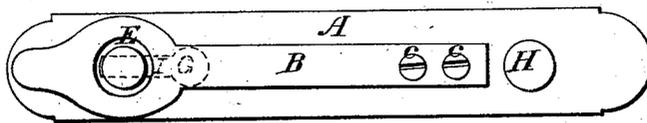


Fig. 2.



UNITED STATES PATENT OFFICE.

ELISHA KENNEY, OF LIVERMORE, MAINE.

IMPROVEMENT IN OX-BOW FASTENINGS.

Specification forming part of Letters Patent No. 38,395, dated May 5, 1863.

To all whom it may concern:

Be it known that I, ELISHA KENNEY, of Livermore, in the county of Androscoggin and State of Maine, have invented an improved mode of securing and preventing the bow of ox-yokes from getting unfastened by Accident; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon, of which—

Figure 1 is a vertical section. Fig. 2 is a top view, and Fig. 3 is a side view, of a portion of the bow.

The nature of my invention consists of the application of a steel spring. In the accompanying drawings, letter B representing the round loop-hole through which the nub upon the end of the bow is inserted, when the bow has sprung out to its place in the "cap," and the elastic spring is then allowed to spring or snap down flat upon the cap, and thus holding the bow secure in its position.

The "bow-cap" marked A is also detached from the bow to give a better view and representation of the manner in which the spring is applied to it and the effect thereof. This cap is commonly from eight to twelve inches in length, fitted to the size of the animal to be fastened. The round hole marked H is where the opposite end of the bow plays, having a nub or ball, H, which prevents it from slipping through.

The round loop-hole (marked G) upon the cap A represents the round hole where the

nub is inserted, and which raises the spring that lays flat over this opening along on the upper side of the cap, and as the cap is pressed down the small or flat part K of the bow made to fit the elongated opening I of the cap, is forced out by the spring of the bow to its place where the round hole in the spring marked E being directly over the nub of the bow marked F, springs down and holds it there secure, until the elastic spring is raised above the nub, the bow pressed along, the flat part marked K passing through the elongated opening I until the bow is drawn out through the round hole of the cap marked G, and the animal then is released.

The spring is secured to the cap A by two common wood-screws, (marked *c c*,) one and one-half inch apart, and the end of the spring D approaches to within about three-fourths of an inch of the end of the bow-cap, and the spring is three-fourths of an inch less in width than the cap A.

The separate and detached parts being combined form the bow, as represented by Fig. 1, in its proper and secure position.

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

The spring B, combined with a bow-cap, in the manner and for the purpose herein set forth, and which constitutes the improvement of which I claim to be sole inventor.

ELISHA KENNEY.

Witnesses:

S. D. WASHBURN,
G. D. NORTON.