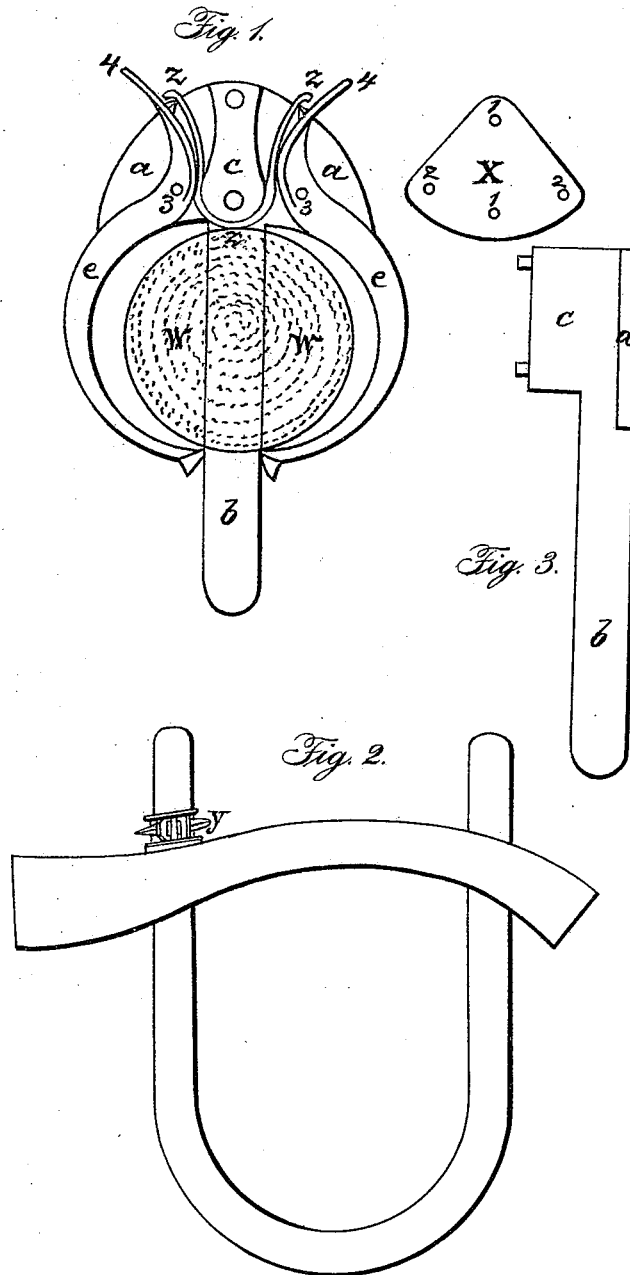


A. HOTCHKISS.

Ox-Yoke Fastening.

No. 6,592.

Patented July 17. 1849.



UNITED STATES PATENT OFFICE.

ANDREW HOTCHKISS, OF SHARON, CONNECTICUT.

OX-YOKE FASTENING.

Specification of Letters Patent No. 6,592, dated July 17, 1849.

To all whom it may concern:

Be it known that I, ANDREW HOTCHKISS, of Sharon, Litchfield county, State of Connecticut, have invented a new and Improved Pin for Securing in its Place the Bow of the Ox-Yoke when the Same is in Use; and I declare the following specification, with the accompanying drawing, forming part of the same, to be a full and perfect description thereof.

Figure 1 represents the pin with the cap piece X removed to show its details of construction, and is a birds-eye of the same as used. Fig. 2 represents the half of a yoke with the bow in it place and the pin passed through it in its proper position at Y, the thumb and finger piece of the apparatus being toward the spectator.

Fig. 1 consists of a piece of metal (brass, malleable iron or other material) *a* *a* being a flat plate, *b* the pin proper and *c* a piece of metal projecting upward for the purpose of securing the cap X (which itself is intended to support and secure the axes of the curved arms *e*, *e*, and the spring Z, Z, Z.

Fig. 3 represents a profile of this piece of metal which is cast or made all of one piece. The cap X is perforated with 2 holes 1, 1, through which pass corresponding rivets on the projecting piece *b* by which it is secured firmly to *b*, and two other holes 2, 2, which are intended to receive the upper ends of the pins or pivots 3, 3, of the curved arms *e*, *e*. These curved arms are large enough to embrace the bow of the yoke, whose cross section is represented by the dotted circle

W, W, and nearly meet around it. They move on pivots 3, 3, and are curved backward from 3 to 4 so as to form a thumb and finger piece by which conveniently to open the arms, when they are closed around the bow.

In order to keep these arms closed around it and thus protect the pin from slipping out, a small spring Z, Z, Z is inserted between the curved arms, and the projecting piece *b*, passing around the front end of *b*, so arranged as to press the recurved parts of the arms from 3 to 4 strongly outward.

It will be seen from an inspection of the drawing, that this spring will keep the curved arms firmly around the bow of the yoke, until this grasp is opened by the pressure of a finger and thumb upon the upper ends 4 and 4.

I claim—

1. The construction of the curved arms as formed according to the above description so as to embrace with their front parts the bow, the rear parts being so shaped as to form a thumb and finger piece by which the grasp of the arms may be released, together with the spring by which the arms are kept closed.

2. I claim the pin as a whole with the entire combination of pin proper, arms, and spring as set forth in the above specification.

ANDREW HOTCHKISS.

Witnesses:

B. B. HOTCHKISS,
CHAS. F. SEDGWICK.