No. 862,782. PATENTED AUG. 6, 1907.

M. E. ZELLER.

HARNESS LOOP.

APPLICATION FILED JAN. 19, 1907.

Fig. 1.

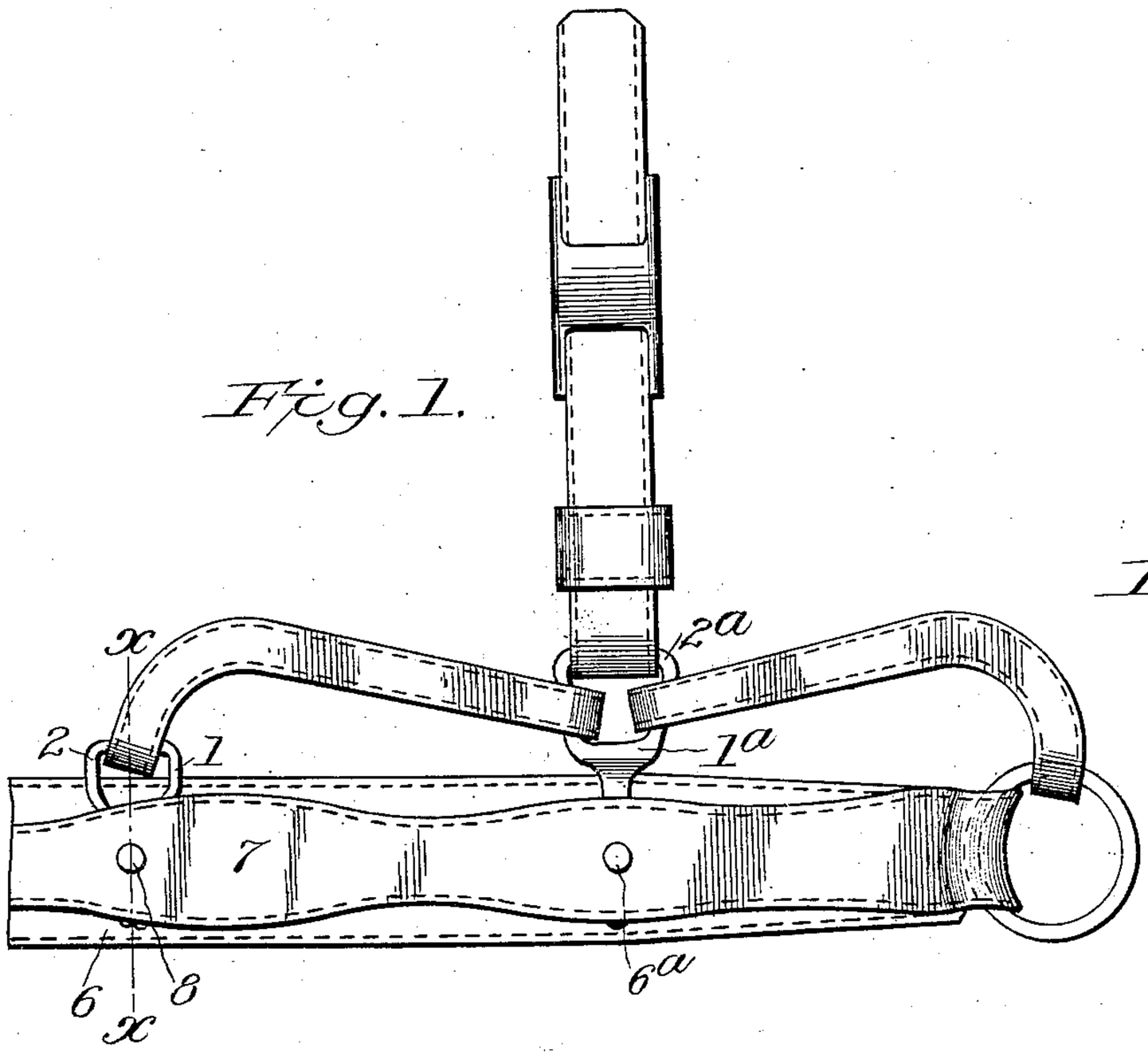


Fig. 2.

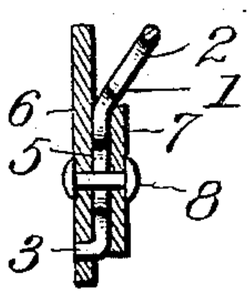


Fig. 3.

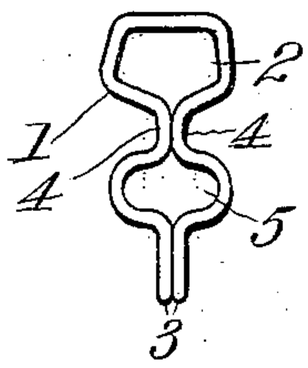


Fig. 4.

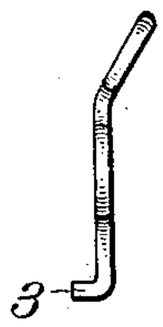


Fig. 5.

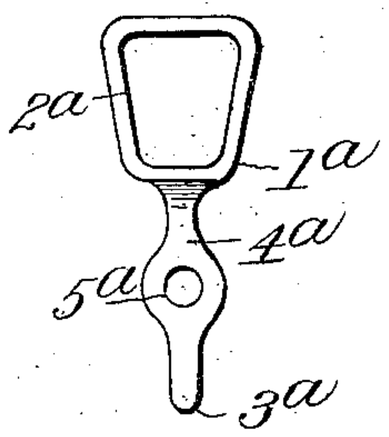
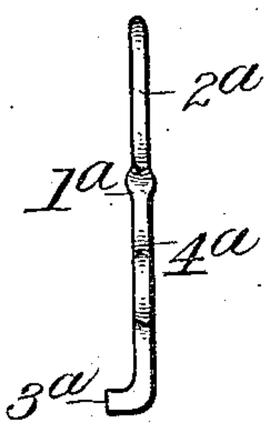


Fig. 6.



Witnesses

C. H. Walker.

F. J. Veihmeyer.

Inventor

Melancthon E. Zeller,

By Edson Bros,

Attorneys

UNITED STATES PATENT OFFICE.

MELANCTHON E. ZELLER, OF GILBOA, OHIO.

HARNESS-LOOP.

No. 862,782. Specification of Letters Patent. Patented Aug. 6, 1907.

Application filed January 19, 1907. Serial No. 353,166.

To all whom it may concern:

Be it known that I, MELANCTHON E. ZELLER, a citizen of the United States, residing at Gilboa, in the county of Putnam and State of Ohio, have invented certain new and useful Improvements in Harness-Loops; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to metal harness loops particularly adapted for connecting the breast piece of a harness with the shoulder piece, also the breeching with the hip-piece.

The object of the invention is to provide a loop which is simple of construction and can be easily made and firmly secured to the harness.

The invention consists in the features of construction and combinations of parts hereinafter described and specified in the claims.

In the accompanying drawings illustrating the preferred embodiment of my invention: Figure 1 is an elevation of a portion of a breast piece of a harness showing two loop-pieces secured thereto, one made of cast metal and the other of wire. Fig. 2 is a sectional view on the line *x*—*x* of Fig. 1. Figs. 3 and 4 are plan and edge views of the wire loop-piece detached, and Figs. 5 and 6 are similar views of the cast loop-piece.

As illustrated, the loop-piece may be made of wire or of cast metal. The main loop-piece is shown made of cast metal and the auxiliary loop-piece of wire, but they may be transposed or both be made of either cast metal or wire.

Referring first to the wire loop-piece 1, it is made in one piece and formed with an end loop 2 at one end bent out of the plane of the body portion. At the other end, the ends 3 of the wire are brought near together and bent at right angles in the opposite direction from the loop 2. The side bars 4 of said loop-piece are spread apart intermediate of the ends 3 and the loop and are brought together again near the loop 2 thereby forming an intermediate loop 5.

As shown in the drawing, this loop-piece is arranged between the parts 6 and 7 of the breast-piece. The ends 3 are embedded in the piece 6 near the lower edge of the piece 7 while the loop 2 projects above the upper edge of said piece 7. In addition to the usual stitching employed for securing the two parts of the breast piece together, a rivet 8 is passed through the intermediate loop 5 and serves as another means of fastening said loop piece.

The cast metal loop-piece 1^a is formed with an end loop 2^a at its upper end and has its lower end 3^a extended inward and embedded in the piece 6. The shank 4^a is provided with an intermediate opening 5^a through which is passed the rivet 6^a.

I claim:

1. The combination, with the two pieces of a breast piece or breeching of a harness, of a loop-piece comprising a shank arranged between said pieces, said shank having a loop formed at one end projecting from between said pieces and its other end extended at an angle and embedded in one of said pieces, said shank provided with an intermediate opening, and a rivet passed through said pieces of said breast piece and through said intermediate opening of said shank.

2. A loop-piece for harness comprising a piece of metal formed into a loop at one end and having side bars brought together just below said loop, thence spread apart forming an intermediate loop and brought together again at the other end where they are bent at right angles to the body of said loop-piece.

3. The combination, with the two straps of a breast piece of a harness, of a loop piece arranged between said straps, said loop piece comprising a strip of metal formed into a loop at one end which extends above said straps and having side bars spread apart forming an intermediate loop, the ends of said strip being brought together and bent at right angles to the body of said loop piece and embedded in the inner strap, and a rivet passed through said straps and through said intermediate loop.

In testimony whereof, I affix my signature, in presence of two witnesses.

MELANCTHON E. ZELLER.

Witnesses:
G. W. RISSER,
G. F. ZELLER.