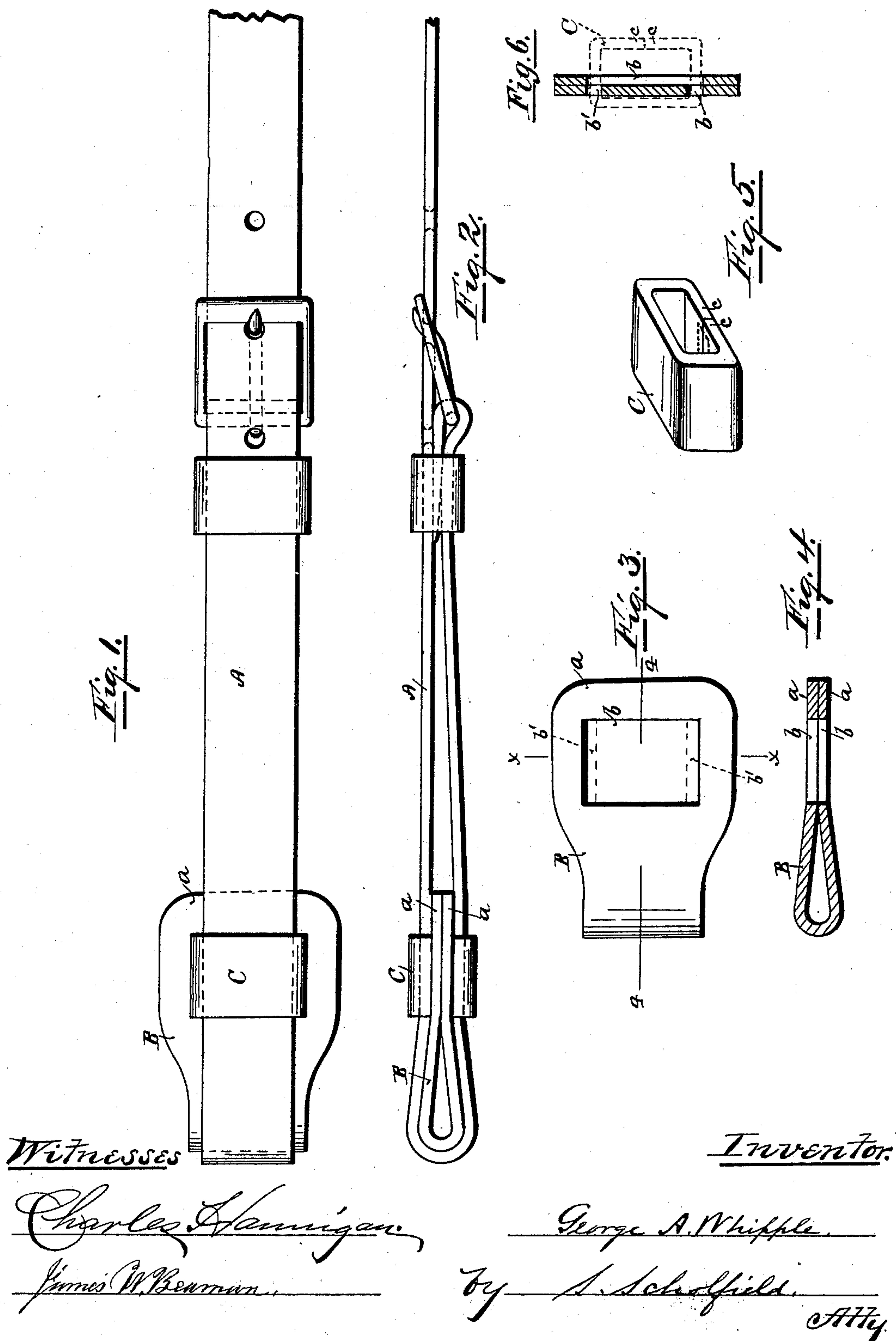


(No Model.)

G. A. WHIPPLE.
HARNESS STRAP.

No. 518,575.

Patented Apr. 17, 1894.



UNITED STATES PATENT OFFICE.

GEORGE A. WHIPPLE, OF DIAMOND HILL, RHODE ISLAND.

HARNESS-STRAP.

SPECIFICATION forming part of Letters Patent No. 518,575, dated April 17, 1894.

Application filed March 15, 1893. Serial No. 466,130. (No model.)

To all whom it may concern:

Be it known that I, GEORGE A. WHIPPLE, a citizen of the United States, residing at Diamond Hill, in the county of Providence and State of Rhode Island, have invented a new and useful Improvement in Harness-Straps, of which the following is a specification.

My invention relates to the improved attachment of the chafing-piece to the back-strap, and other straps on a harness, and it consists in the combination of the chafing-piece, with a retaining-band, as hereinafter fully set forth.

In the accompanying drawings:—Figure 1, represents a side view of a harness-strap provided with my improvement. Fig. 2 represents an edge view of the same. Fig. 3, represents a side view of the chafing-piece removed from the strap. Fig. 4, represents a section taken in the line 4, 4, of Fig. 3. Fig. 5, represents a perspective view of the retaining-band. Fig. 6, is a sectional view, showing a modification, the section being taken as in the line x, x , of Fig. 3.

In the drawings, A represents a harness-strap provided with the chafing-piece B, each of the ears a, a , of the chafing-piece, being provided with a slot opening b , adapted to receive the band C which passes loosely into the openings b, b , of the folded chafing-piece and is adapted to receive the strap A, as shown in Figs. 1 and 2; the said band C be-

ing retained in position within the openings b, b , by means of the said inserted strap; and the chafing-piece B, when so arranged and held, presents a very neat and desirable appearance in the harness.

A modification of my invention is shown at Fig. 6, which shows one of the ears a , provided with a slot opening b , adapted to receive the band C, shown by the dotted lines, while the opposite ear a , is provided with two parallel slots b', b' , through which the ends c, c , of the band are placed before the said ends are sewed together, so that in this form of construction, the band and the chafing piece will be attached to each other, the position of the parallel slots b', b' , in one of the ears a , is indicated in Fig. 3, by the dotted lines. The chafing piece B, is held in the loop of the strap A, the end of which is passed through the band C at each side of the chafing piece.

I claim as my invention—

In a harness strap, the combination with the strap, and a transverse band embracing the loop of the strap, of the folded chafing piece held within the loop of the strap, and provided with perforations which embrace the band, substantially as described.

GEORGE A. WHIPPLE.

Witnesses:

SOCRATES SCHOLFIELD,
HENRY MARSH, Jr.