(No Model.)

D. L. SHAFER.

BREAST STRAP COUPLING.

No. 353,470. Patented Nov. 30, 1886.

Fig. 1.

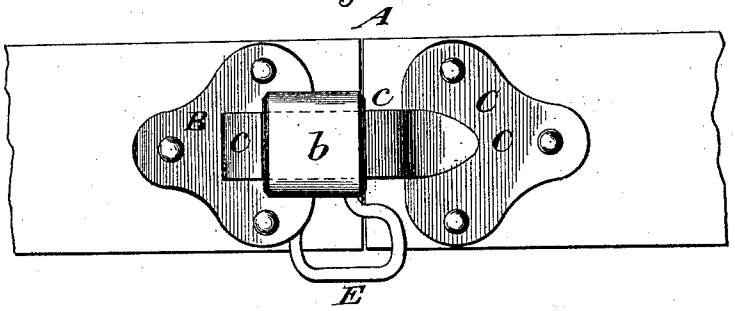


Fig. 2.

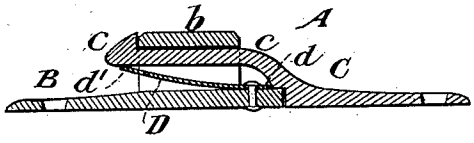
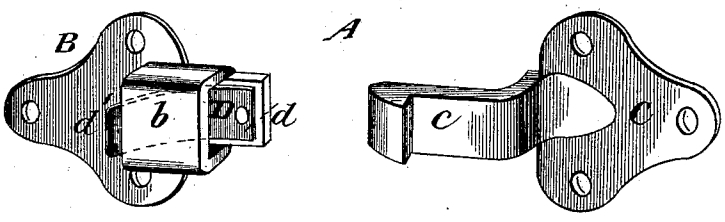


Fig. 3.



Witnesses.
A. Ruppert.
R. E. Grant

Inventor.
David L. Shafer
Per
Thomas P. Simpson
Atty

N. PETERS, Photo-Lithographer, Washington, D. C.

UNITED STATES PATENT OFFICE.

DAVID L. SHAFER, OF PLEASANT HILL, OHIO.

BREAST-STRAP COUPLING.

SPECIFICATION forming part of Letters Patent No. 353,470, dated November 30, 1886.

Application filed April 28, 1886. Serial No. 200,425. (No model.)

To all whom it may concern:

Be it known that I, DAVID L. SHAFER, a citizen of the United States, residing at Pleasant Hill, in the county of Miami and State of Ohio, have invented certain new and useful Improvements in the Coupling for a Divided Harness Breast-Strap; and I do 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, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

The invention will first be described in connection with the drawings and then pointed out in the claims.

Figure 1 of the drawings is a plan view of the breast-strap coupling when fastened; Fig. 2, a longitudinal median section thereof, and Fig. 3 is a detail view of the two sections of the coupling when separated.

In the drawings, A represents the coupling as an entirety, and B C its two sections, which are made to lock securely together or to be readily detached. The section B is made with a keeper, *b*, and preferably with a flat top thereto. D is a plate-spring, having the end *d*, bolted in front of the keeper, passing through it, and raised at the rear end, *d'*. The section C is provided with the projecting hook *c*, facing upwardly, so that when it is forced through the keeper *b* and over the spring D it will latch with the flat top of the keeper and be firmly held in position by the spring. By simply pressing down on the hook they may be quickly separated.

Each of the sections B C is provided with a flattened shank and holes, by which they may be tightly and strongly secured to the leather of the breast-strap.

E is a loop for the martingale.

Having thus described all that is necessary to a full understanding of my invention, what I claim, and desire to protect by Letters Patent, is—

1. The breast-strap coupling A, consisting of the keeper-section B, the hook-section C, the plate-spring D, and the martingale-loop E, as shown and described.

2. In a breast-strap coupling, the one section having a hook, *c*, and the other provided with a keeper, *b*, in combination with a plate-spring, D, passing through the keeper, the end *d* being riveted in front of said keeper and the end *d'* bent up to the rear thereof, substantially as shown and described.

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

DAVID L. SHAFER.

Witnesses:
C. M. PATTY,
D. CIRCLE.