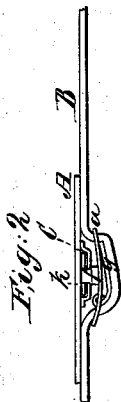
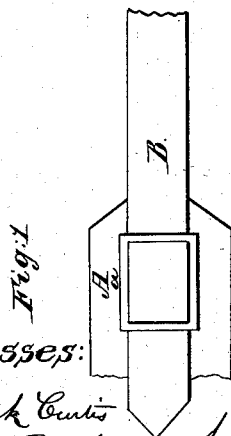
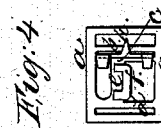
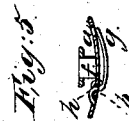
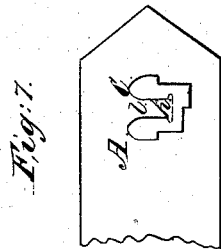


C. B. Hatfield,
Shoe Fastening,
No. 47,356, *Patented Apr. 18, 1865.*



Witnesses:

Frederick Curtis

J. R. Hale Jr

Inventor:

Charles B. Hatfield
by his attorney
R. H. Ledy

UNITED STATES PATENT OFFICE.

CHARLES B. HATFIELD, OF BOSTON, MASSACHUSETTS, ASSIGNOR TO
CHARLES EUGENE WOODMAN, OF SAME PLACE.

IMPROVED SHOE-FASTENING.

Specification forming part of Letters Patent No. 47,356, dated April 18, 1865.

To all whom it may concern:

Be it known that I, CHARLES B. HATFIELD, of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and useful Shoe-Fastener; and I do hereby declare the same to be fully described in the following specification and represented in the accompanying drawings, of which—

Figure 1 is a front view of it as it appears when applied to the upper and strap of a shoe. Fig. 2 is a top view of it under such circumstances. Fig. 3 is a front view. Fig. 4 a rear view of the buckle or strap-holder and its catch. Fig. 5 a longitudinal section, of 6 is a front view of the catch-plate as it appears preparatory to being applied to the upper of a shoe. Fig. 7 is a front view, and Fig. 8 a cross section, of the said catch-plate as applied to the upper.

In the drawings, A denotes a portion of the shoe-upper having the catch-plate of my invention fastened to it. The part of the shoe for receiving and holding such catch-plate, instead of being a part of the upper itself, may be a short strap fastened to such upper. A confining strap or tongue, B, is also supposed to be fastened to the upper, and to this strap the remainder of my shoe-fastener is to be applied, the whole of such fastener being thus described.

In the drawings, *a* denotes a rectangular open frame provided with three bars, *b c d*, extending across it, and parallel, and with respect to its ends in manner as shown in Figs. 3, 4, and 5. The two bars *c d* have a cross-bar, *e*, from which there extends a catch, *f*, formed as represented. A plate-tongue, *g*, is hinged to the bar *c*, rests on the bar *d*, and has a small pointed tongue, *h*, projecting back from it and toward the bar *b*, in manner as shown in the drawings.

In the application of the confining-strap B to the buckle or holder, such strap is first to be passed through the frame of it from the rear to the front thereof, and between the bar *d* and the next adjacent end of such frame and against the holding-edge of the main or plate tongue. From thence the strap is to be carried across the plate-tongue and again passed through the buckle-frame—that is, from its front to its rear side, and between the bar *b* and the next adjacent end of the frame, and underneath the said end. Under

ordinary circumstances the plate-tongue, co-operating with the frame, will suffice to hold the buckle to the strap; but to prevent any slipping of the buckle on the strap I employ the additional tooth or tongue *h*, which, when the buckle is in use, will be more or less drawn into the strap.

The socket or catch-plate C consists of a plate of metal curved transversely and having a holding slot or recess, *k*, made through or in it, such slot being provided with a mouth or inlet, *l*, which in width, where it joins the recess, is somewhat less than the width of the shank of the catch *f*, the same being so that, in order to get the shank of the catch *f* into the recess, it will be necessary to turn the catch or the buckle more or less. This construction of the mouth of the catch-plate with reference to the shank of the catch serves to prevent the catch from becoming accidentally disengaged from the recess.

The catch-plate I provide with suitable means of fastening it to a shoe, which may be spurs *m m m*, to go through the leather or upper of the shoe, and may be upset or bent down on its rear surface.

The catch and catch-plate combined with the buckle or strap-holder constitute an excellent shoe-fastener, one which, while having the appearance of a common buckle, can be either fastened or unfastened with greater facility and dispatch. With my invention the buckle remains fixed on the confining-strap.

I claim—

1. The combination of the catch *f* and its socketed plate *c*, or their equivalents, with a buckle or strap-holder.

2. The arrangement of the pointed tongue *h* and the larger or plate tongue, *g*, and the buckle-frame *a*.

3. The combination and arrangement of the pointed tongue *h* and the larger or plate tongue, *g*, with the buckle-frame *a*, the catch *f*, and its socketed plate *c*, or their equivalents.

4. The catch-socket recess *k* and its mouth *l*, as made with reference to the shank of the catch, and arranged substantially as described.

CHAS. B. HATFIELD.

Witnesses:

R. H. EDDY,
F. P. HALE, Jr.