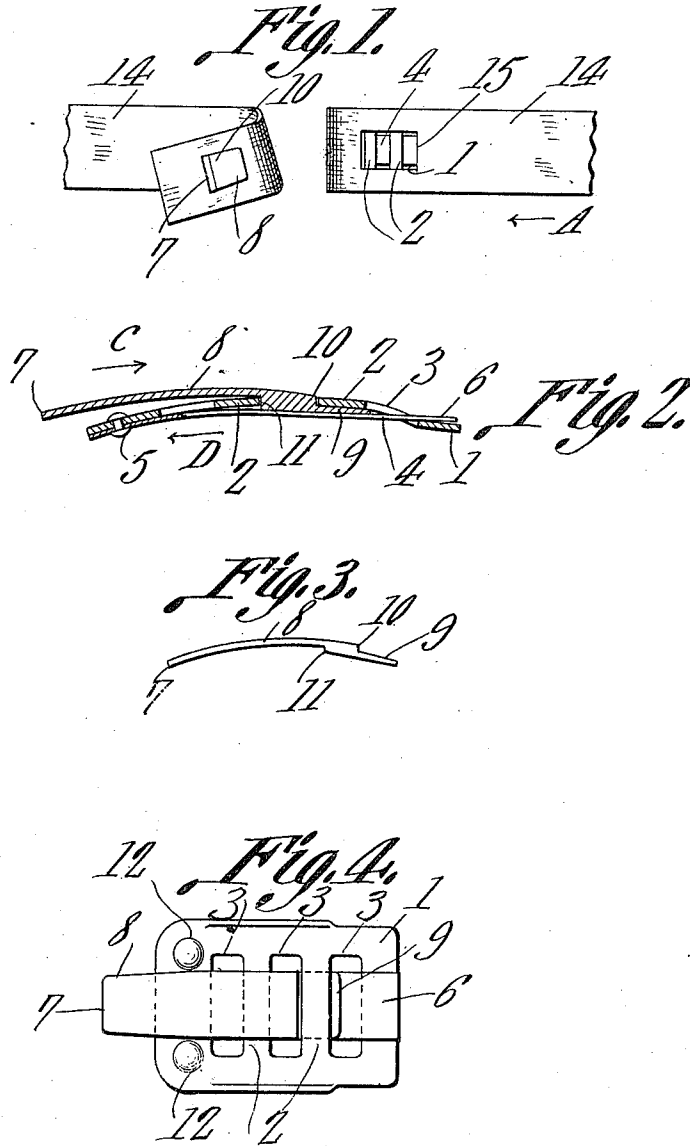


R. F. PICKARD.
COMBINATION FASTENER.
APPLICATION FILED JULY 28, 1910.

976,209.

Patented Nov. 22, 1910.



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Witnesses

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UNITED STATES PATENT OFFICE.

RICHARD F. PICKARD, OF NORTH TONAWANDA, NEW YORK.

COMBINATION-FASTENER.

976,209.

Specification of Letters Patent.

Patented Nov. 22, 1910.

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To all whom it may concern:

Be it known that I, RICHARD F. PICKARD, a citizen of the United States, residing at North Tonawanda, in the county of Niagara and State of New York, have invented a new and useful Combination-Fastener, of which the following is a specification.

It is the object of the present invention to provide a device of simple and improved construction, adapted primarily, although not exclusively, to serve as a detachable fastener upon shoes and the like.

The invention aims to provide a detachable fastener, the parts of which may readily be united and separated, the said parts, however, when united, maintaining their relative positions against accidental displacement.

In the drawing, Figure 1 is a perspective, showing my invention applied to a pair of straps; Fig. 2 is a longitudinal section of the invention, showing the parts thereof interlocked; Fig. 3 is a side elevation of the tongue; and Fig. 4 is a top plan showing the parts of the device assembled.

In carrying out the invention there is provided, as a primary and fundamental element, a body 1, preferably fashioned from metal, and slightly arcuate in outline. This body 1 is provided with a plurality of transversely disposed keepers 2, defining openings 3 in the body 1. A spring strip 4 is secured at one end, by means of a rivet 5 or the like, to one end of the body 1, the free end 6 of the spring being extended through one of the terminal openings 3, to rest upon the other end of the body 1; this construction being most clearly discernible in Fig. 2.

The invention further includes a tongue, denoted by the numeral 7. This tongue 7 like the body 1, is arcuate in outline. The tongue includes a shank 8 and a head 9. The shank and head 9 are located in different planes, thereby forming a shoulder 10 in the top or upper face of the tongue 7, and a shoulder 11 in the bottom or lower face thereof.

In practical operation, the head 9 of the tongue 7 is thrust into one of the openings 3 in the body 1 to extend beneath one of the keepers 2. The shoulder 10 in the upper face of the tongue 7 will abut against this

keeper, the shoulder 11 in the lower face of the tongue 7 abutting against the adjoining keeper. Thus, the tongue will be held in place, the spring 4 bearing against the lower surface of the portion 9 of the tongue 7, and serving to hold the same in place. The body 1 may be provided with openings 12, and these openings may be of any number and positioned in any desired manner, the openings constituting a means whereby the body 1 may be assembled with a strap or with a shoe upper.

In Fig. 1, the fastener is shown applied to a pair of straps, and these straps may be taken to represent a part of a shoe upper. The shank 8 of the tongue 7 is inserted into one of these straps 14, the free end of the shank 8 being disposed adjacent the free end of the said strap, the head 9 of the tongue protruding upon the inner face of the strap, as shown in Fig. 1. The body 1 may be inclosed within the other strap 14, said strap being cut away as shown at 15 to inclose the keepers 2. When the strap 14 in which the tongue 7 is mounted, is swung over against the strap 14 in which the body 1 is mounted, the extremity of the shank 8 of the tongue 7 will extend in the direction of the arrow A in Fig. 1, the parts of the fastener being disposed as shown in Fig. 2. In such case, the pull upon the tongue 7 will be in the direction of the arrow C, the pull upon the body 1 being in the direction of the arrow D.

From the foregoing it will be seen that the separable fastener hereinbefore described may be readily united and disconnected, manually, the device being so constructed, however, that its constituent parts will not be likely to be separated accidentally.

Having thus described the invention, what is claimed is:

A fastener comprising a body provided with a plurality of transverse keepers, defining openings in the body; a spring secured adjacent one end to one face of the body and extended longitudinally thereof beneath the keepers and through one of the openings to rest at the other end upon the opposite face of the body; and a detachable straight-ended tongue engageable by the spring and adapted to be thrust terminally,

through one of the openings in the body and
to extend beneath a keeper, the tongue hav-
ing a shoulder in its upper face adapted to
bear against said keeper, and a shoulder in
5 its lower face adapted to bear against the
next adjacent keeper, the keeper-engaging
faces of the shoulders being parallel.

In testimony that I claim the foregoing
as my own, I have hereto affixed my signa-
ture in the presence of two witnesses.

RICHARD F. PICKARD.

Witnesses:

FRANK A. MCCOY,
WM. C. FOWLER.