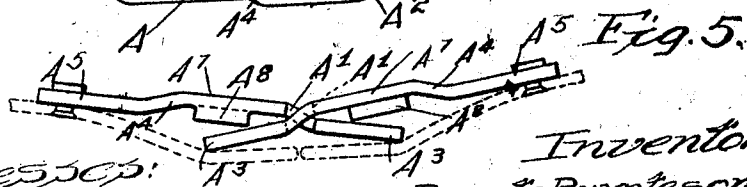
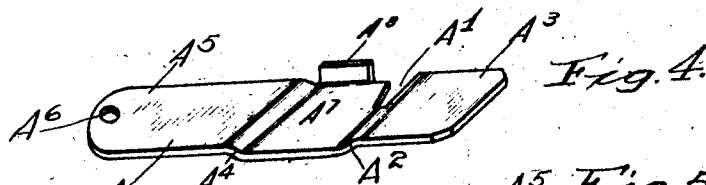
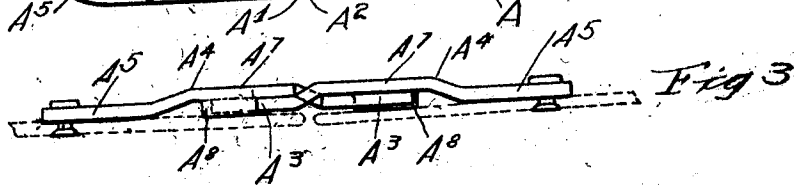
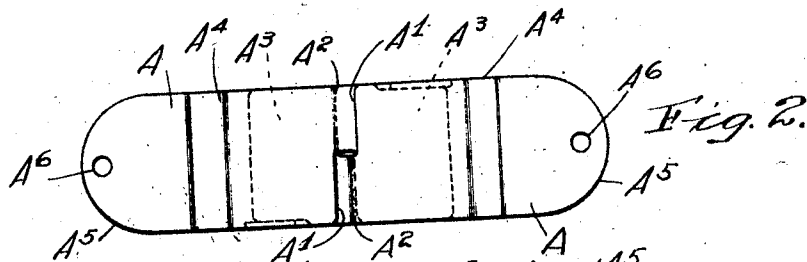
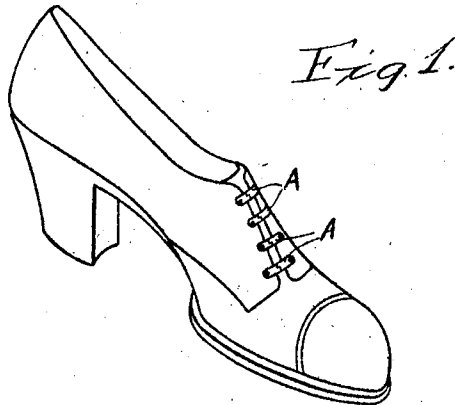


B. BRYNTESON.
SHOE LATCH.
APPLICATION FILED MAY 22, 1912.

Patented Dec. 17, 1912.

1,047,376.



Witnesses:
[Signature]
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Attys

UNITED STATES PATENT OFFICE.

BRYNTE BRYNTESON, OF ODEBOLT, IOWA.

SHOE-LATCH.

1,047,376.

Specification of Letters Patent.

Patented Dec. 17, 1912.

Application filed May 22, 1912. Serial No. 698,884.

To all whom it may concern:

Be it known that I, BRYNTE BRYNTESON, a citizen of the United States, residing at Odebolt, in the county of Sac and State of Iowa, have invented new and useful Improvements in Shoe-Latches, of which the following is a specification, reference being had to the accompanying drawings, forming a part thereof.

The purpose of this invention is to provide an improved type of shoe latch or buckle.

It consists of the features and elements described and shown in the drawings, as indicated by the claim.

In the drawings:—Figure 1 is a perspective view of shoe provided with latches made according to this invention. Fig. 2 is a top plan view of the shoe latch which is the subject of this invention. Fig. 3 is a side elevation of the same. Fig. 4 is a perspective bottom view of one part of the latch. Fig. 5 is a side elevation showing the mode of unlatching.

The latch which is the subject of this invention consists of two exactly similar parts, designed to be attached respectively to the two edges of the shoe upper, which are usually made separable and which are to be connected for securing the shoe in place. The top plan view of Fig. 2 shows the two members connected together, as does also the side elevation of Fig. 3, but the form of each member may be better understood by reference to Fig. 4.

Each member is made from a strip of metal, A, having a transverse notch, A¹, extending about half way across its width near one end. At about the position of this notch, A¹, the strip, A, is offset by an amount approximately equal to its thickness, as indicated at A²; this makes the plane of the notch, A¹, inclined to the principal plane of the member, A. From the point of offset at A², the member extends in the offset plane for a distance slightly greater than the length of its terminal portion, A³. Here it is oppositely offset at A⁴, bringing the other terminal, A⁵, into the same plane as the first-mentioned terminal, A³. An aperture, A⁶, is provided in the part, A⁵, for attachment of the member to a portion of the shoe. The offset portion, A⁷, is provided

with a lug, A⁸, bent downwardly from it at one side. The members, A, are arranged in pairs, one member of each pair being attached to each of the two portions of the shoe which are to be secured together, any desired number of pairs being employed. For latching the shoe, the notches, A¹, of the two latch members are then interlocked with each other, as indicated in Figs. 2 and 3, the interlocking taking place when the two members are held in planes oblique to each other, as indicated in Fig. 5. The tension in the parts thus connected being permitted to draw the members into approximately the same plane, it will be seen that the lug, A⁸, of each member serves to guard the terminal, A³, of the other member against lateral movement with respect thereto, thus preventing disengagement of the notches, A¹, and keeping the latch properly locked. Disconnection is of course accomplished by a reversal of the latching process; that is, by first tilting the members into, respectively, oblique planes, so as to cause the terminals, A³, to clear the guards, A⁸, as the notches, A¹, are disengaged. Preferably, the connection to the shoe at A⁶ is pivotal in nature; but if by chance the pivots should be too tightly inserted, the flexibility of the shoe itself will ordinarily permit the slight lateral movement necessary for operation of the latches.

I claim:—

A shoe latch comprising two similar members extending, respectively, from the edges of the shoe body, each member comprising a strip having a transverse notch extending approximately half way across it, the notches of the two members being adapted to be interlocked for latching the shoe, and each member having at the side toward which its notch opens a lug projecting transversely of its principal plane, adapted to encounter the other member to prevent disengagement of the notches.

In testimony whereof, I have hereunto set my hand, at Odebolt, Iowa, this 17 day of May, 1912.

BRYNTE BRYNTESON.

Witnesses:

S. E. KURTZ,
A. V. STARNER.