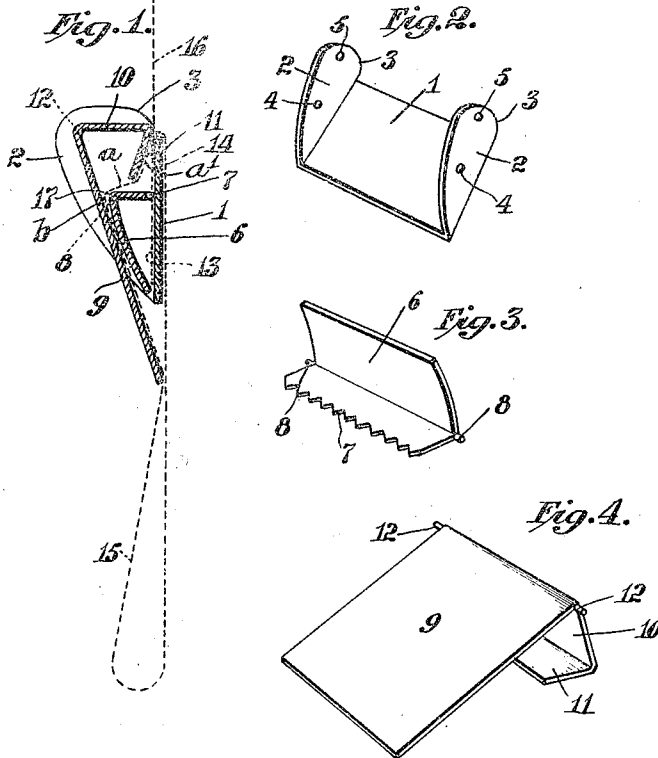


M. RUBIN.
BUCKLE.
APPLICATION FILED MAR. 14, 1912.

1,064,996.

Patented June 17, 1913.



Attest:
Raymond Richardson
Raymond Richardson.

M. Rubin Inventor:
by *Oscar F. Truzy* his Atty.

UNITED STATES PATENT OFFICE.

MAX RUBIN, OF EAST ORANGE, NEW JERSEY.

BUCKLE.

1,064,996.

Specification of Letters Patent.

Patented June 17, 1913.

Application filed March 14, 1912. Serial No. 683,733.

To all whom it may concern:

Be it known that I, MAX RUBIN, a citizen of the United States, and a resident of East Orange, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Buckles, of which the following is a specification.

This invention relates to new and useful improvements in buckles and particularly to buckles of that kind that are used with webbing, as in suspenders and the like, and in which the webbing is interposed between the back of the buckle and the garments of the wearer.

The object of my invention is to provide a new and improved buckle of this kind, which is simple in construction, is not expensive and is strong and durable and reliable.

In the accompanying drawings in which like letters of reference indicate like parts in all the figures: Figure 1 is a vertical transverse sectional view of one embodiment of my new and improved buckle, closed. Fig. 2 is a perspective view of the body plate of the same. Fig. 3 is a perspective view of the web clamping shoulder plate. Fig. 4 is a perspective view of the main locking plate.

In describing my buckle I will assume that the same is in the position which it has when used on suspenders and by top edge of the main plate I will indicate the upper edge of the front. The front face is the one which faces outward and the back is the face which is adjacent to the body of the wearer.

The main body plate or frame 1 made of sheet metal is provided at each end with a wing 2 turned up substantially at right angles and provided at the top with a rounded extension 3 which extends beyond the top edge of the plate 1. Each wing has its front edge inclined upward and frontward to the extension 3. Each wing 2 has two pivot holes 4 and 5, the former at about half the distance from the bottom to the top of the wings and the holes 5 near the tops of the extensions 3.

A substantially rectangularly bent clamping plate 6 is preferably provided in its clamping edge with teeth 7 and at each end is provided at the angle with a pivot pin 8, which pins 8 are passed into the holes 4, so as to pivotally mount the clamping plate 6 between the wings 2 lengthwise of the main

plate 1 so that the toothed edge can be swung toward and from the front of the plate 1 and can clamp the end part of a web introduced between the front of the plate 1 and the clamping plate 6 upon the front of the plate 1, at the same time forms a shoulder extending lengthwise of the plate 1 on the front of the same.

The web locking plate 9 is bent rearward at its top to form the flange 10 from which the flange 11 extends forward at an angle toward the rear surface of the locking plate 9. The locking plate 9 has end pivots 12 which are passed into the holes 5 in the wing extensions 3 so that the locking plate or lever 9 is pivotally mounted on the main plate or body plate 1 at the top of the same and extends lengthwise of said plate. It will be observed that the rear edge of the flange 10, when the buckle is closed does not extend to the plane of the front of the plate 1, but adjacent thereto.

The end part 13 of the web resting on the front of the plate 1 is clamped by the clamping plate 6 when the same is folded down. The web 14 extends over the top edge of the plate 1, then down at the back or rear of plate 1 to form the cast-off loop 15 and then up over the clamping plate 6 and then upward to form the running web 16.

When the locking plate or lever 9 is folded down over the front of the plate 1 the flange 11 presses on the front face of the body plate 1 and at the same time the free edge of the flange 11 presses the running web against the shoulder 17 formed by the clamping plate or lever 6 and locks the same below the top edge of the plate 1. The running web 16 is thus locked by the locking plate at a point *a* by holding the web between the free edge of the flange 11 and the shoulder 17; at a point *b* by the pressure of the locking plate 9 exerted upon that part of the running web resting on the top of the clamping plate 6 adjacent to the shoulder 17 and by the pressure exerted by the rear face of the flange 11 upon that part of the running web in front of the plate 1, as indicated by *a'*.

It will be observed that the locking plate 9 or its flanges 10 or 11 do not lock the running web by pressing it against the upper edge of the main body plate 1, but against the front surface of the same beneath the upper edge.

Having described my invention what I

claim as new and desire to secure by Letters Patent is:—

1. In a buckle, the combination with a body plate, having wings at the ends, of an L-shaped clamping lever pivoted at the front of the body plate to form a shoulder extending lengthwise of the body plate and below the upper edge of the body plate, said clamping lever having a handle portion extending toward the bottom edge of the body plate, a locking lever pivoted at the front of the body plate, which locking lever is provided at its upper end with a rearwardly extending flange and an additional flange on the free edge of said rearwardly extending flange, said additional flange extending toward the inner face of the locking lever whereby when the locking lever is swung down toward the face of the body plate the free edge of the additional flange on the locking lever presses the fabric toward the surface of a shoulder formed by the flange of the clamping lever, substantially as set forth.

2. The combination with a buckle body plate having wings at its ends, which wings are substantially at right angles to the face of the body plate, an L-shaped clamping lever pivoted at the front of the body plate

to form a shoulder extending lengthwise of the body plate below the upper edge of the body plate, part of said L-shaped clamping lever forming a handle lever extending toward the bottom edge of the body plate, a locking lever pivoted at the front of the body plate above the pivotal connection between the clamping lever and the body plate, which locking lever also extends in downward direction and is provided at its upper end with a flange extending toward the face of the body plate, a web having its end part resting against the front surface of the body plate, passed over the upper edge of the body plate then downward to form a loop, then over the clamping lever and then up beyond the upper edge of the body plate, the end part of the web resting on the outer surface of the body plate being clamped by said clamping lever, substantially as set forth.

Signed at New York city, in the county of New York and State of New York, this 15th day of February, A. D. 1912.

MAX RUBIN.

Witnesses:

OSCAR F. GUNZ,
ROSE G. BREEN.