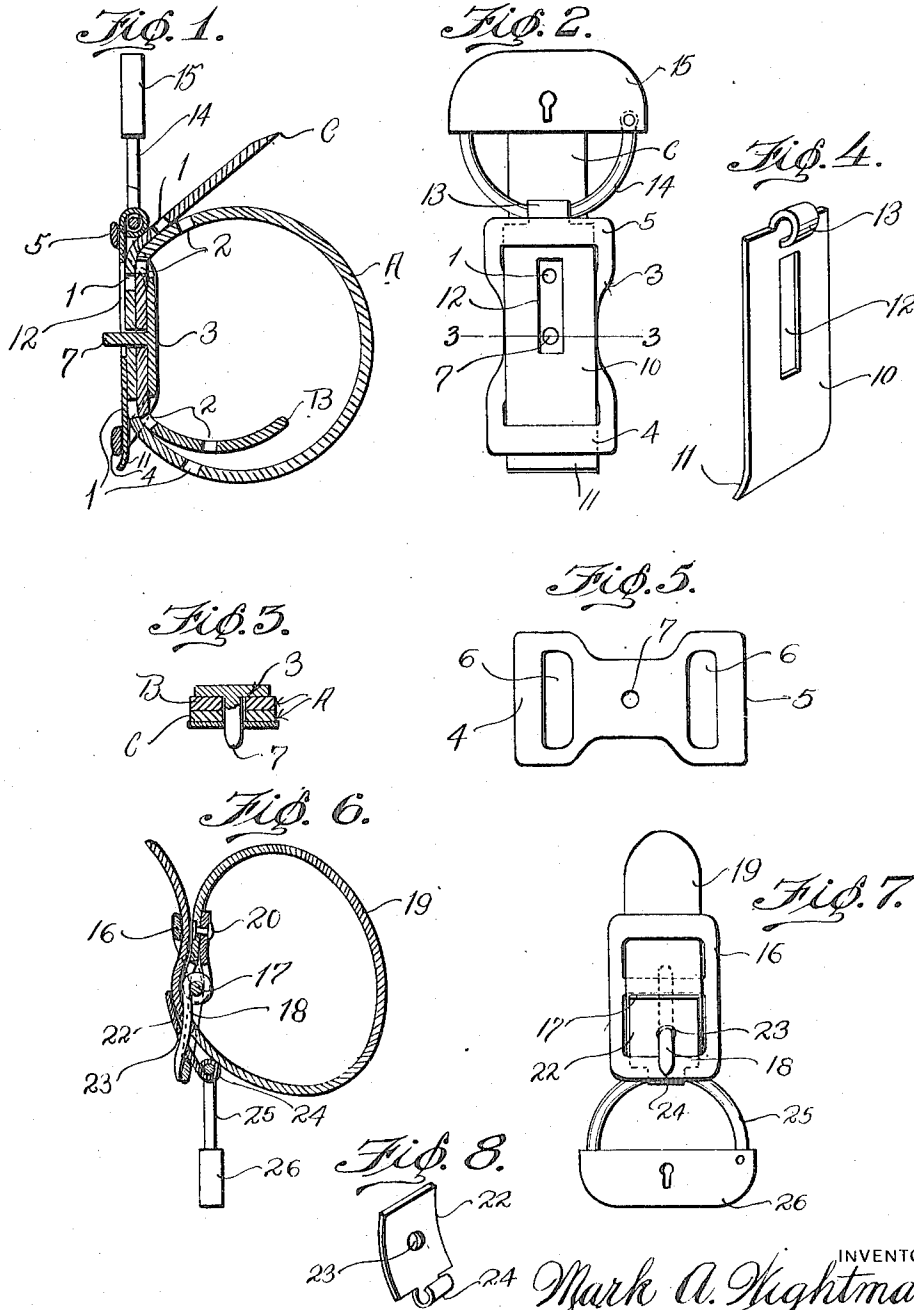


M. A. WIGHTMAN.
BUCKLE.
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1,196,623.

Patented Aug. 29, 1916.



WITNESSES

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BUCKLE.

1,196,623.

Specification of Letters Patent. Patented Aug. 29, 1916.

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To all whom it may concern:

Be it known that I, MARK A. WIGHTMAN, a citizen of the United States, residing at Bath, in the county of Steuben and State of New York, have invented certain new and useful Improvements in Buckles, of which the following is a specification.

This invention provides a buckle of the class which is most appropriately designated as of a locking nature, and wherein, after the buckle is adjusted relative to the strap, means are provided which secure the buckle and strap and means in locking relation with each other.

One object of the present invention is to provide a buckle which may be simply constructed and assembled, and yet provides means for locking the strap in an adjusted position.

A further object consists in the particular means by which the locking is effected.

With the above and other objects in view, I will now proceed to describe the specific embodiments illustrating the principle of my invention and which are shown in the accompanying drawings wherein:

Figure 1 is a longitudinal section through a buckle and strap constructed according to my invention and in like relation, Fig. 2 is an elevation of the same, Fig. 3 is a sectional view on the line 3—3 of Fig. 2, Fig. 4 is a perspective of the locking plate, Fig. 5 is a top plan view of the buckle frame, Fig. 6 is a longitudinal section of a modified form of buckle, Fig. 7 is an elevation of the buckle shown in Fig. 6, and, Fig. 8 is a view, in perspective, of the locking plate used in connection with the buckle shown in Figs. 6 and 7.

In detail the buckle as shown is applied to a strap A such as a dog collar or the like, and which the overlapping ends B and C are provided with apertures 1 and 2 respectively. The frame of the buckle is of the form shown in Fig. 5 and comprises the body portion 3 connecting the two ends 4 and 5 which are provided with slots 6. The body portion is provided with a central pin 7 which forms the tongue of the buckle. The locking plate is formed as shown in Fig. 4 and consists simply of a strip of metal 10 bent up at one end 11 as shown, and provided with the central tongue aperture 12 the other end being provided with the eye 13.

In threading the buckle for use and ad-

justing it, the ends of the strap are disposed as shown in Fig. 1, that is to say in overlapping relation, they are brought into such a position that two holes therein register and are slipped over the tongue 7. When the strap is thus brought to the adjusted position it may be securely locked against displacement therefrom by inserting the locking plate 10 into the position shown in Fig. 1 wherein the eye 13 abuts the strap at one end of the frame and the bent up portion 11 of the other end of the plate 10 engages the other end of the frame and the tongue 7 projects through the aperture 12. A belt 14 of a lock 15, of any usual type is then slipped through the eye 13 and locked thus securing the belt firmly in place.

The modified form of buckle shown in Figs. 6, 7 and 8 comprises the frame 16 carrying a cross bar 17 on which is mounted a tongue or prong 18 of the usual type. One end of the strap 19 is riveted as shown at 20 about this cross bar 17 and the other end of the strap is provided with apertures 21 in the usual manner. This is the usual type of buckle and may be adjusted in the usual way. The manner of locking this buckle however is different from any now in use and consists in providing a locking plate 22 having in its center a tongue receiving aperture 23, and at one end an eye 24. When the buckle is brought to the adjusted position shown in Figs. 6 and 7 the locking plate 22 is slipped in place by pushing the same over the tongue, the tongue projecting through the aperture 23 and the eye 24 resting below the buckle frame. The bail 25 of a usual padlock 26 is then slipped through the eye and the lock is closed. Thus the plate 22 is firmly secured against withdrawal while the lock is in position and can only be withdrawn when the lock is removed as is the case with that type shown in Figs. 1 to 5 inclusive. This arrangement of buckle and lock is particularly adapted for use on dog collars and the like, and it may also be used on belts.

While I have herein described a specific embodiment of the present invention, it is nevertheless to be understood that, in actual practice, I may resort to such modifications as fall within the scope of the invention as defined in the appended claim.

I claim:

In a buckle, a frame having a pin ar-

ranged thereupon, the opposite extremities
of said frame being offset, openings formed
within said offset extremities, and a locking
plate engageable with the pin and receivable
5 by said openings, one end of the locking
plate having means formed thereupon for
receiving a locking element therethrough.

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

MARK A. WIGHTMAN.

Witnesses:

WM. G. DEAN,
D. B. BRYAN.

**Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
Washington, D. C."**