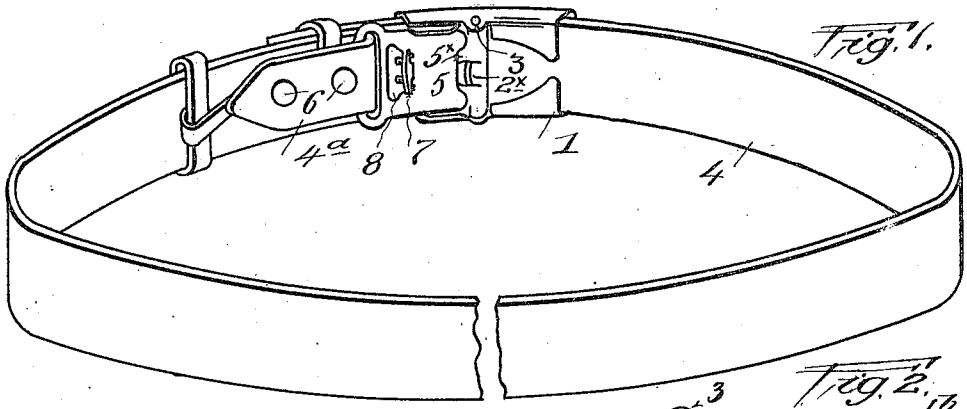
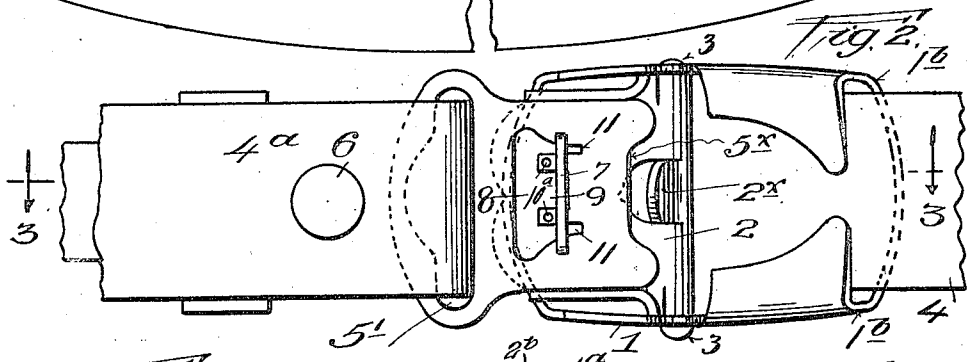
May 22, 1923. 1,455,794

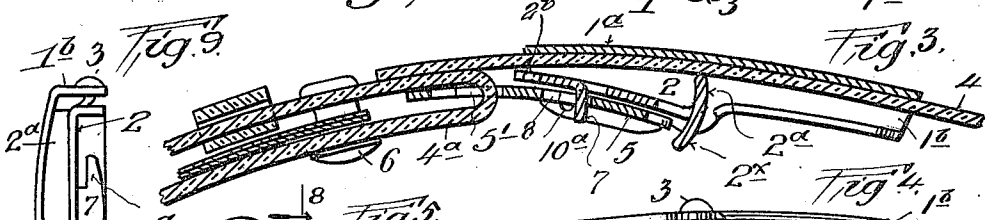
F. F. KNOTHE

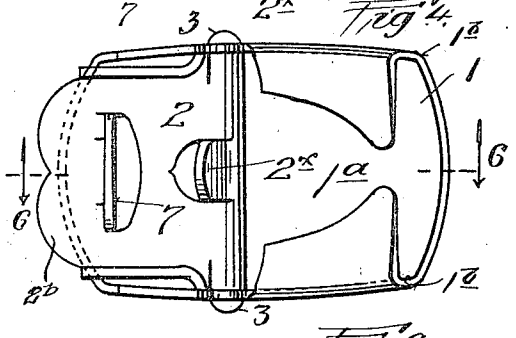
BELT BUCKLE

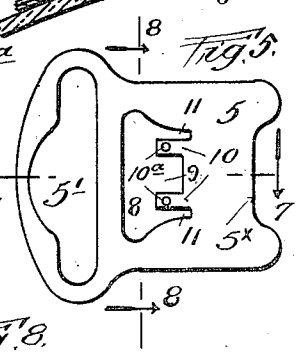
Filed Feb. 15, 1922

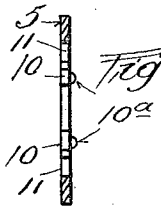


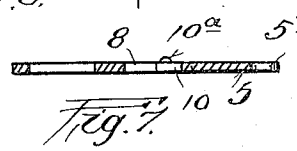


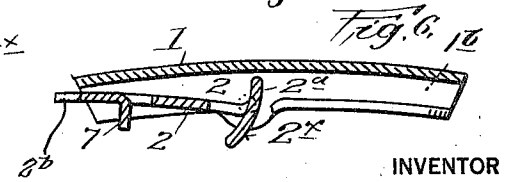












INVENTOR

Frank F. Knothe

BY his ATTORNEY

T. F. Bourne

Patented May 22, 1923. 1,455,794

UNITED STATES PATENT OFFICE.

FRANK F. KNOTHE, OF RIDGEWOOD, NEW JERSEY, ASSIGNOR TO KNOTHE BROTHERS CO., INC., OF NEW YORK, N. Y., A CORPORATION OF NEW YORK.

BELT BUCKLE.

Application filed February 15, 1922. Serial No. 536,676.

To all whom it may concern:

Be it known that I, FRANK F. KNOTHE, a citizen of the United States, and resident of Ridgewood, in the county of Bergen and State of New Jersey, have invented certain new and useful Improvements in Belt Buckles, of which the following is a specification.

The object of my invention is to provide simple and effective means to permit the main body portion of a belt buckle to remain attached in the desired position upon the belt and to readily connect and disconnect the opposite end portions of the belt therewith.

In carrying out my invention I provide a buckle with a movable member to detachably connect the buckle to a belt near one end; at the opposite end of the belt I attach a connector, and between said movable member and said connector I provide complemental inter-engaging means to attach said member and the connector together to retain the belt around a waist.

My invention also comprises novel details of improvement that will be more fully hereinafter set forth and then pointed out in the claims.

Reference is to be had to the accompanying drawings, forming part hereof, wherein—

Figure 1 is a perspective view of a belt equipped with my improvement;

Fig. 2 is an enlarged inside view of a portion of Fig. 1;

Fig. 3 is a section on line 3, 3, in Fig. 2;

Figs. 4 and 5 are face views illustrating my improvement detached,

Fig. 6 is a section on line 6, 6, in Fig. 4;

Figs. 7 and 8 are sections respectively on lines 7, 7, and 8, 8, in Fig. 5; and

Fig. 9 is an edge view of the buckle.

Similar numerals of reference indicate corresponding parts in the several views.

The numeral 1 indicates the main body or the frame of the buckle to which a belt gripping or clamping member or lever 2 is pivotally attached. In the example illustrated the buckle frame is shown comprising a front plate 1^a provided with spaced side webs 1^b, between which webs the clamp member or lever 2 is pivoted by means of its pivots or gudgeons 3 in a well known manner, said member having a portion 2^a projecting from the lever near the gudgeons toward the front plate to grip the belt 4 therebetween. Said buckle member may be attached near one end of the belt in an ordinary way, and retained in set position by the clamp member 2 when its free end portion 2^b is pressed toward the belt. At the opposite end of the belt is a connector 5 adapted to be attached to clamp member or lever 2 of the buckle frame. The connector 5 may be attached to the adjacent end of the belt in any well known manner. I have shown the end portion 4^a of the belt looped through the connector 5, which is shown in open form at 5', and retained against the body of the belt by ordinary snap fasteners 6, whereby the connector is detachably carried by the belt. Between the clamp member or lever 2 and the connector 5 I provide detachable inter-engaging means for readily connecting the belt ends together around the wearer's waist, and for disconnecting them without disturbing the position of the buckle on the belt. The buckle member 2 is shown provided with a projection or stud 7, located at the outer end portion of said member, and the connector is provided with an opening or recess 8 communicating with a reduced slot or neck-like portion 9 to receive the shank of the projection or stud. The projection 7 may be struck from the metal of member 2, or may be a separate part riveted or otherwise secured thereto. I have shown means to retain the connector 5 in detachable engagement with member or lever 2, for which purpose connector 5 has spaced stops 10, shown in the form of fingers, located between slotted portion 9 and slots 11. Said stops are shown having projecting portions or protuberances 10^a to obstruct the headed or lateral portions 7^a of projection 7, (Fig. 9), when the member or lever 2 and the connector are assembled, to prevent spontaneous separation of said member and connector. The stops 10 are resilient to permit the projection 7 to pass them when the parts are being assembled or separated.

The member or lever 2 is shown provided with a stop 2^x, outwardly projecting, in the path of connector 5, said stop preferably inclining toward projection 7 to retain the free end of the connector when being applied to the member 2. Said stop is spaced from projection 7 on the same side of member 2, to act as an abutment to locate the connector over member 2 so that the opening 8 may

be readily positioned over the projection 7 to connect the stops 10 with said projection. The end of connector 5 is shown recessed at $5^{\times}$ to aid in centering the connector at stop $2^{\times}$.

When my improvements are applied at the respective ends of the belt, the clamp member or lever 2 and the connector 5 may be connected together by the inter-engaging projection or stud 7 and slot or neck-like portion 9, and the position of the buckle on the belt to accommodate the wearer's waist may be readily determined and the clamp member set against the belt. Each time that the belt is to be removed or re-applied it will be merely necessary to disconnect or connect together member 2 and connector 5 without disturbing the position of the buckle upon the belt. Of course, when any other adjustment of the buckle on the belt is desired it may be affected by turning back member 2, adjusting the buckle to the desired position on the belt, and re-setting said member against the belt. The strain on the belt when upon the wearer will have the tendency to prevent the clamp member or lever 2 from opening to release the belt by reason of the draft of the connector upon said member, having the tendency to retain the latter in the belt clamping position. The stops 10 prevent separation of the parts until the wearer forcibly separates the connector and member 2. The projection or stud 7 serves in the nature of a handle when releasing the clamp member from the belt.

My invention is not limited to the particular details of construction shown, as the same may be varied, within the scope of the appended claims, without departing from the spirit of my invention.

I do not, in this application, specifically claim the construction of the clamp member and connector with means to detachably connect them, since the same is included in my application filed December 21, 1921, Serial No. 523,809.

Having now described my invention, what I claim is:

1. A belt buckle comprising a frame, a clamp member movably connected therewith, a connector adapted for attachment to a belt end, a projection upon one of said parts and the other part provided with a recess to receive said projection, said recess having a reduced neck-like portion and slots on opposite sides thereof communicating with said recess providing spaced stop fingers between the neck-like portion and the slots to cooperate with said projection to retain said member and connector in engagement.

2. A belt buckle comprising a frame, a clamp member movably connected therewith, a connector adapted for attachment to a belt end, a projection upon one of said parts provided with a shank and lateral portions and the other part provided with a recess to receive said projection, said other part having spaced stop fingers to receive said shank therebetween, said stop fingers being provided with protuberances to engage said lateral portions of the projection to retain said member and connector in engagement.

3. A belt buckle comprising a frame, a clamp member movably connected therewith, a connector adapted for attachment to a belt end, a projection upon one of said parts provided with a shank and lateral portions and the other part provided with a recess having a neck-like portion communicating therewith to receive said shank, said member having a stop spaced from said projection to engage the connector when the projection enters the recess.

4. A belt buckle comprising a frame, a clamp member movably connected therewith, a connector adapted for attachment to a belt end, a projection upon one of said parts provided with a shank and lateral portions and the other part provided with a recess having a neck-like portion communicating therewith to receive said shank, said member having a stop spaced from said projection to engage the connector when the projection enters the recess, said stop being inclined toward said projection to retain the connector when being applied to the member.

5. A belt buckle comprising a frame, a clamp member movably connected therewith, a connector adapted for attachment to a belt end, a projection upon one of said parts and the other part provided with a recess to receive said projection, said member having a stop to engage the connector, the end of the connector being recessed to engage said stop.

Signed at New York city, in the county of New York, and State of New York, this 4th day of February, A. D. 1922.

FRANK F. KNOTHE.