

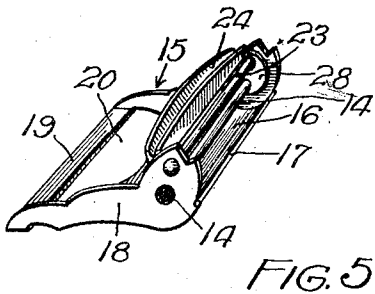
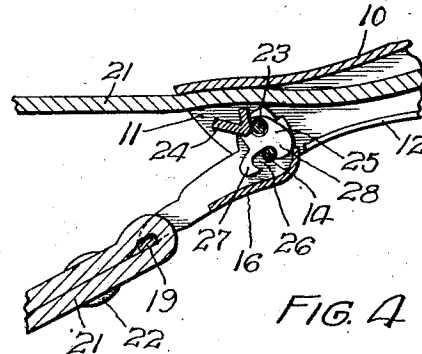
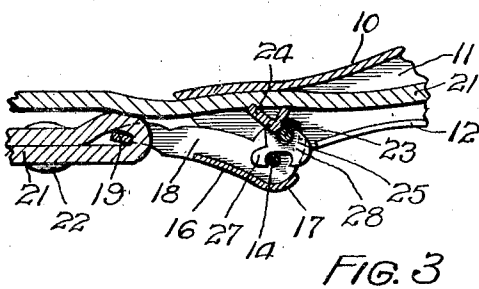
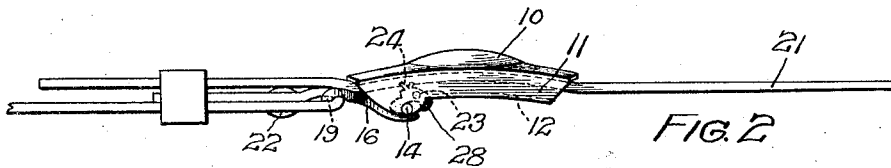
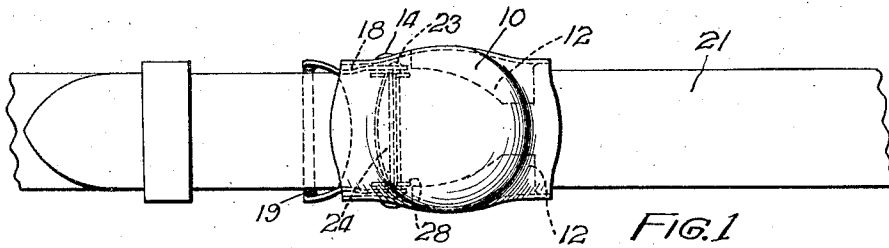
Aug. 24, 1926.

1,596,866

R. BOBINS

BUCKLE

Original Filed June 3, 1924



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UNITED STATES PATENT OFFICE.

ROBERT BOBINS, OF CHICAGO, ILLINOIS.

BUCKLE.

Application filed June 3, 1924, Serial No. 717,460. Renewed July 6, 1926.

The invention relates to belt buckles of the type comprising a body portion having a pair of side flanges between which one end of the belt is received and held in position by a gripping member controlled by a releasing member mounted on a pivot pin extending across the flanges, said releasing member having the other end of the belt secured thereto.

This type of buckle is more fully described in my copending application Serial No. 669,824, filed October 20th, 1922.

It is an object of the invention to provide a buckle in which the gripping member is controlled by the pivot pin to which the releasing member is mounted.

A further object embraces the provision of a plurality of lugs on the gripping member between which the pivot pin extends, so that upon actuation of the releasing member, one of said lugs enters into engagement with the pivot pin so that the gripping member is placed in proper position.

It is a further object of the invention to provide a buckle having a belt attaching and a gripping member, in which the gripping member upon opening or closing of the belt is initially moved in unison with the belt attaching member and subsequently relative thereto.

Other and equally important objects will become apparent from the following description of the invention, which comprises the means described in the specification, particularly pointed out in the claims forming a part thereof, and illustrated in the accompanying drawing, in which:—

Fig. 1 is a top plan view of my improved buckle,

Fig. 2 is a side view,

Figs. 3 and 4 are fragmentary sections having the gripping member in functional and idle position, respectively,

Fig. 5 is a perspective view of the assembled releasing and gripping members.

Referring to the several views in the drawing, the buckle comprises a body portion 10 which is curved to conform to the contour of the wearer's body and has side flanges 11 terminating in ledges 12 substantially parallel to the body portion 10 and forming therewith a casing. A pivot pin 14 extends across the flange 11 and has journaled thereon a belt attaching member generally designated by 15.

The latter comprises a plate 16 with an upturned edge 17 at the inner end and upstanding side flanges 18 which extend beyond the outer end of the plate and the free ends of the side flanges are connected by a cross bar 19 which with the outer end of the plate defines a substantially rectangular opening 20. One end of a belt 21 is looped around the bar 19 and fastened to the body portion of the belt by fastening members 22 of any preferred construction.

The side flanges 18 are wider at the inner end and are connected by a pintle 23 extending parallel to but removed from the pivot pin 14. The pintle 23 has rotatably but eccentrically mounted thereon a gripping member 24 which is formed in the shape of a V with one leg longer than the other. The ends of the gripping member are turned downwardly to form flanges 25 which are apertured for the passage of the pintle 23.

The flanges at the lower end are provided with notches 26, thereby creating the lugs 27 and 28 which as shown in the drawing are to both sides of the pivot pin 14.

In Fig. 3 the buckle is shown in functional position with the gripping member engaging the lower side of the belt 21 against the inner side of the buckle body 10. In order to open the belt, the attaching member 15 is turned around the pivot pin 14 in counter-clockwise direction. During the initial rotation of said attaching member, the gripping member participates in this movement until the lug 28 engages the pivot pin 14 whereupon the gripping member is forced to execute an additional partial rotation around the pintle 23 thus completely releasing the belt end which is received between the flanges 11 of the buckle body, as appears in Fig. 4. Conversely when the buckle is to be closed the belt attaching member is partially rotated around the pivot pin 14 in clockwise direction in which movement the gripping member participates. When the lug 27 enters into engagement with the pin 14, the gripping member is rotated around the pin 23 and independent of the attaching member whereby the final locking engagement between the gripping member belt and buckle body is established.

While the drawing discloses a preferred embodiment of the invention, numerous changes and alterations may be made which

are to be included in the scope of the invention as defined in the appended claims.

I claim:—

1. In a buckle, a body member, a pivot pin
5 carried thereby, a belt attaching member mounted on said pivot pin, a gripping member eccentrically carried by said attaching member, and pivot pin operated means for positioning said gripping member.
- 10 2. In a buckle, a body member, a pivot pin carried thereby, a belt attaching member mounted on said pivot pin, a gripping member eccentrically carried by said attaching member parallel to but removed from said
15 pin, and pivot pin operated means for positioning said gripping member.
3. In a buckle, a body member, a pivot pin carried thereby, a belt attaching member journaled on said pivot pin, a gripping member eccentrically carried by said attaching
20 member, and pivot pin operated means for automatically moving said gripping member relative to said attaching member during a position of the actuation of said attaching member.
4. In a buckle, a body member, a pivot pin carried thereby, a belt attaching member journaled on said pivot pin, a gripping member rotatably and eccentrically carried by
25 said attaching member, and means integral with said gripping member and operated by said pivot pin for moving the latter independently of said attaching member upon actuation of the latter.
5. In a buckle, a body member, a pivot
35 pin carried thereby, a belt attaching member journaled on said pin and a gripping member eccentrically carried by said attaching member and having a plurality of abutments, said abutments being adapted to engage said pivot pin upon actuation of said
40 attaching member to move said gripping member.

In witness whereof I affix my signature.

ROBERT BOBINS.