

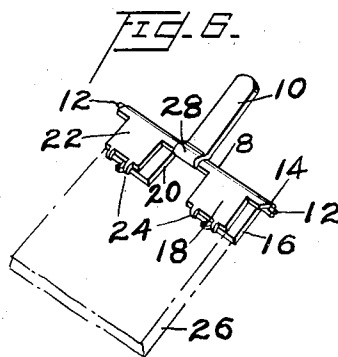
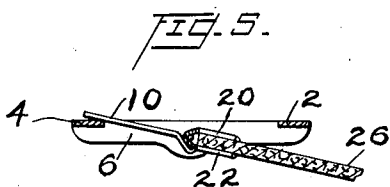
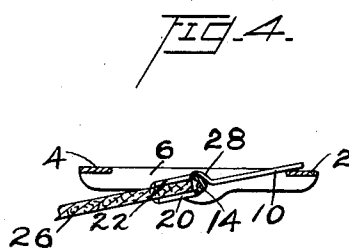
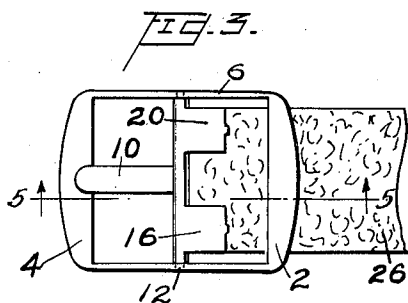
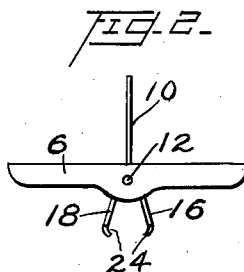
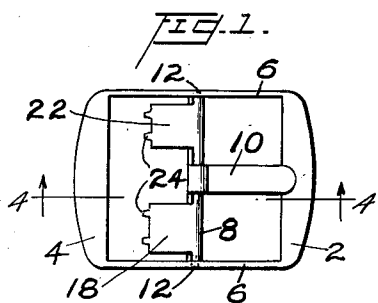
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BUCKLE

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2,197,665

BUCKLE

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5 Claims. (Cl. 24-178)

This invention relates to buckles for belts, straps, girths and the like, and has particular application to a buckle for use in reversible belts.

Among the objects of this invention is to provide a buckle which can be constructed more efficiently and at lower cost than the buckles heretofore employed with reversible belt straps.

A further object of this invention is to provide a buckle which can be readily attached to a belt strap and which forms with the strap a highly serviceable belt readily reversible for use.

A further object of this invention is to provide a buckle of this kind which can be made and fashioned from sheet metal by stamping, dieing and pressing.

Other, further and more specific objects of this invention will become readily apparent to persons skilled in the art from a consideration of the following description when taken in conjunction with the accompanying drawing wherein:

Fig. 1 is a front view of a buckle embodying my invention.

Fig. 2 is a side view of the buckle shown in Fig. 1.

Fig. 3 is also a front view of the buckle shown in Fig. 1, with a portion of the belt strap attached thereto. In this view, the tongue of the buckle is shown in engagement with the end bar opposite that which engages the tongue in Fig. 1.

Fig. 4 is a cross-section along line 4-4 of Fig. 1.

Fig. 5 is a cross-section along line 5-5 of Fig. 3.

Fig. 6 is a perspective view of the middle cross-member of the buckle, with a strap attached thereto.

The buckle comprises the buckle frame of substantially rectangular shape and having the end bars 2 and 4, side bars 6 and transverse cross-member 8 carrying the tongue 10 integral therewith. The side bars 6 are perforated substantially at the center to receive the spindle extremities 12 of the cross-member 8. This cross-member 8 has a channel-shaped base 14 from each side of which extend the integral jaws 16, 18, 20 and 22. At the free end of these jaws are provided the teeth or spurs 24. When a strap is inserted between the jaws 16 and 18 and 20 and 22, and these jaws are forced together by pliers or other clamping means, the teeth 24 will pierce the strap and hold it in position secured to the cross-member 8.

The tongue 10 is formed by an extension of the cross-member 8. This extension has the curved portion 28 which is curved back and generally

rests against the outer face of the channel portion 14. The free end of the tongue is fashioned so that it will extend in the opposite direction from the jaws on the cross-member 8 and be substantially in alinement with the inserted part of the belt strap when this strap is attached to the cross-member 8 and the jaws 16, 18, 20 and 22 are forced to the holding position, and substantially parallel to these jaws.

When my buckle is applied to a belt, the free end of the belt may be passed between the end bar 2 and cross-bar 8 and the tongue will function as in Fig. 1. When it is desired to reverse the belt, it is merely necessary to pass the free end of the belt between the end bar 4 and cross-member 8 and bring the tongue 10 to the position shown in Fig. 5. My new buckle possesses substantial advantages over other buckles when employed in reversible belts.

Both faces of the tip of the tongue are flat and should be of substantially like contour, in order that the tongue may properly engage either end bar 2 or end bar 4, so that the buckle will function as well with the belt in one position as in the other reversed position.

The present invention is not limited to the specific details set forth in the foregoing examples which should be construed as illustrative and not by way of limitation, and in view of the numerous modifications which may be effected therein without departing from the spirit and scope of this invention, it is desired that only such limitations be imposed as are indicated in the appended claims.

I claim as my invention:

1. In a buckle comprising end bars and side bars, a transverse member pivotally supported by said side bars, said transverse member having gripping jaws extending therefrom and adapted to embrace and secure a belt strap thereto, and a tongue on said transverse member extending in opposite direction from said jaws and in substantial alinement with the inserted part of a belt strap embraced by said jaws, both faces of the tip of said tongue being of substantially like contour.

2. A buckle comprising end bars and side bars, a transverse member pivotally supported by said side bars, said transverse member having integral, toothed gripping jaws extending therefrom and adapted to embrace and secure a belt strap thereto, and an integral tongue on said transverse member extending in opposite direction from said jaws and in substantial alinement with the inserted part of a belt strap embraced by

said jaws, both faces of the tip of said tongue being of substantially like contour.

3. In a buckle comprising end bars and side bars, a transverse member pivotally supported by said side bars, said transverse member having a channel-shaped base and integral, toothed gripping jaws extending from said base and adapted to embrace and secure a belt strap thereto, and an integral tongue on said transverse member, curved back against the outer face of said channel-shaped base, extending in opposite direction from said jaws and in substantial alinement with the inserted part of a belt strap embraced by said jaws, both faces of the tip of said tongue being of substantially like contour.

4. A buckle comprising end bars and side bars, said side bars being perforated substantially at the center, a transverse member pivotally supported by said side bars, said transverse member having a channel-shaped base and integral, toothed gripping jaws extending from said base and adapted to embrace and secure a belt strap thereto, an integral tongue on said transverse

member, curved back against the outer face of said channel-shaped base, extending in opposite direction from said jaws, and in substantial alinement with the inserted part of a belt strap embraced by said jaws, and spindle extremities on said transverse member extending into the perforations in said side bars.

5. In a buckle comprising end bars and side bars, a transverse member having a channel-shaped base and integral, toothed gripping jaws extending from said base and adapted to embrace and secure a belt strap thereto, an integral tongue on said transverse member, curved back against the outer face of said channel-shaped base, extending in opposite direction from said jaws, and in substantial alinement with the inserted part of a belt strap embraced by said jaws, and spindle extremities on said transverse member adapted to extend into said side bars, both faces of the tip of said tongue being of substantially like contour.

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