

H. F. NEHR.
 APPAREL BUCKLE.
 APPLICATION FILED NOV. 3, 1911.

1,032,420.

Patented July 16, 1912.

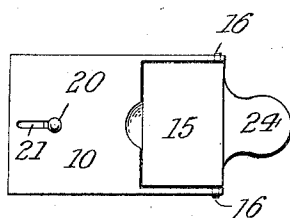
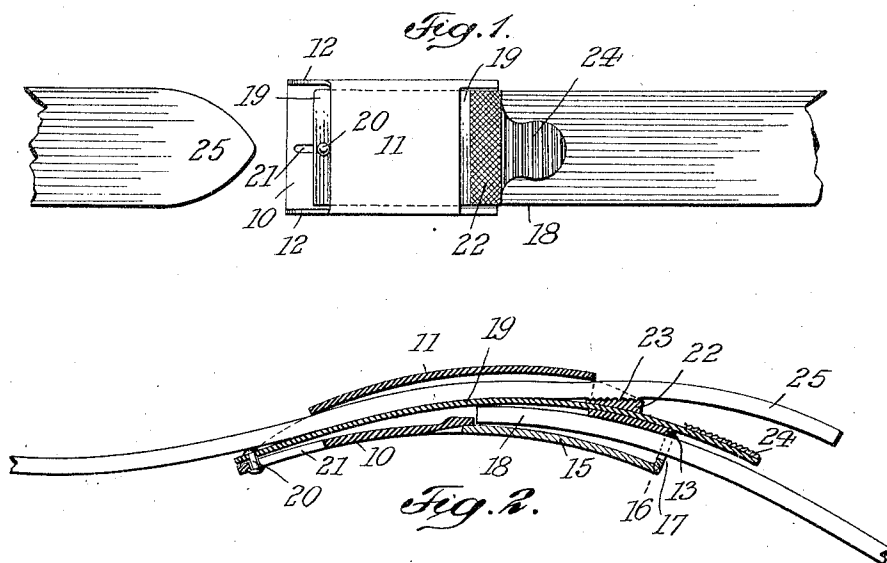


Fig. 3.

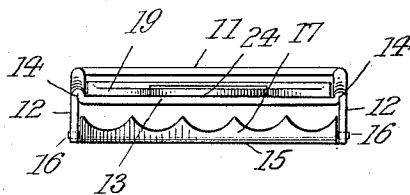


Fig. 4.

WITNESSES:
[Signature]
 Daniel Holmgren.

INVENTOR
 Herman F. Neher
 BY
 Briesen & Junge
 ATTORNEYS.

UNITED STATES PATENT OFFICE.

HERMAN F. NEHR, OF RUTHERFORD, NEW JERSEY, ASSIGNOR TO STRAUSS BROTHERS
& COMPANY, OF NEW YORK, N. Y.

APPAREL-BUCKLE.

1,032,420.

Specification of Letters Patent.

Patented July 16, 1912.

Application filed November 3, 1911. Serial No. 658,308.

To all whom it may concern:

Be it known that I, HERMAN F. NEHR, a citizen of the United States, residing at Rutherford, county of Bergen, and State of New Jersey, have invented a new and Improved Apparel-Buckle, of which the following is a specification.

This invention relates to an apparel buckle for belts and similar articles which may be readily manipulated, insures a firm grip and may be securely attached to the belt without requiring the end of the latter to be perforated or otherwise mutilated.

In the accompanying drawing: Figure 1 is a face view of a buckle embodying my invention; Fig. 2 a longitudinal section thereof; Fig. 3 a bottom view, and Fig. 4 a right hand end view.

The frame of the buckle is composed essentially of an arched bottom plate 10, a diverging arched top plate 11 and a pair of connecting sides 12. At its diverging end, plate 11 is shorter than plate 10, so that the latter extends a distance back of the former. Above this projecting end of plate 10 there is mounted a curved bridge 13 which during manufacture may be divided off from plate 11 and then depressed, so as to here double the sides 12 as indicated at 14 in Fig. 4. Bottom plate 10 is partly cut away, its cut away section being located beneath the bridge and extending some distance beyond the same. A curved gate 15 is hinged to plate 10 at 16 and is provided with an upwardly extending corrugated flange 17 constituting a dog. To secure the relatively fixed end 18 of the belt to the buckle, gate 15 is swung down and end 18 is introduced between pivot 16 and bridge 13 for a suitable distance after which the gate is again swung up, so that the belt becomes securely gripped by the dog. Between plate 10 and bridge 13 on the one hand, and top plate 11 on the other hand, there is fitted a curved slide 19, the longitudinal play of which is limited by a pin 20 of said slide that engages a slot 21 of plate 10. As bridge 13 extends only over the protruding end of plate 10 and not between the bodies of plates 10 and 11, pin 20 has ready access to slot 21 of plate 10. Slide 19 is provided

at that end which plays between the diverging sections of the buckle frame, with a transverse bar or ridge 22 constituting a jaw, said jaw being preferably milled on its upper face as indicated at 23. Back of bar 22, slide 19 is further furnished with a handle 24 which may be made integral with the slide.

In use the slide is retracted and the tongue 25 of the belt is introduced between the slide and top plate 11. Upon releasing the tongue, the pull exerted by the belt upon the slide will move the same toward the converging end of the buckle frame, so that the tongue becomes securely clamped between jaw 22 and top plate 11.

It will be seen that my buckle may be readily fitted to a belt or similar article and that it is closed in a quick and efficient manner.

It will be seen that the clearance formed within the buckle frame is divided by bridge 13 into two separate compartments. Of these, the outer compartment is adapted to receive one end of the belt, which is clamped to plate 11 by slide 19, while the inner compartment is adapted to receive the other end of the belt which is clamped against bridge 13 by dog 17. In this way both ends of the belt are readily removable, while the fastening means for either end do not interfere with those of the other end. Moreover the tongued or outer end of the belt is during its insertion deflected by the bridge from the dog and the inner end of the belt.

I claim:

An apparel buckle comprising a bottom plate, a diverging top plate having a depressed rear section to form a bridge, a slide supported on the upper side of the bridge and adapted to clamp one end of a belt to the top plate, and a dog carried by the bottom plate and adapted to clamp the other end of the belt against the lower side of the bridge.

HERMAN F. NEHR.

Witnesses:

FRANK V. BRIESEN,
KATHERYNE KOCH.