O. E. FELLERS.

COLLAR.

APPLICATION FILED MAY 27, 1915.

Patented Jan. 11, 1916.

1,168,183.

Fig. 1.

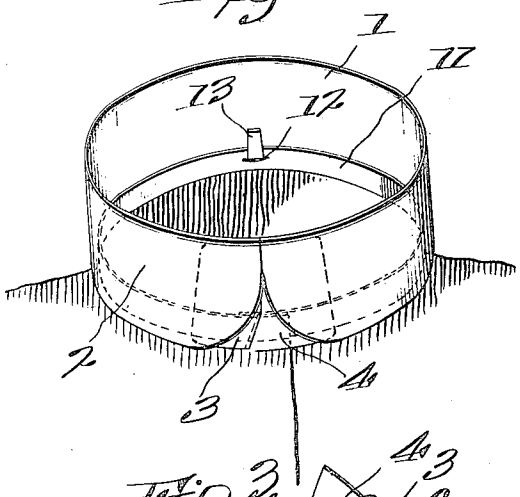


Fig. 2.

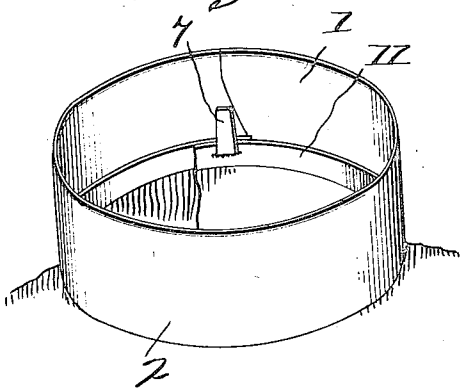


Fig. 3.

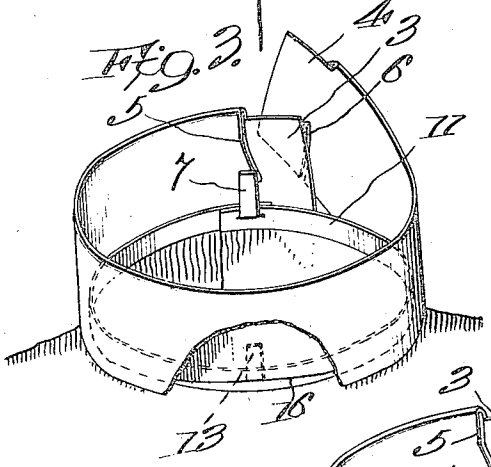


Fig. 4.

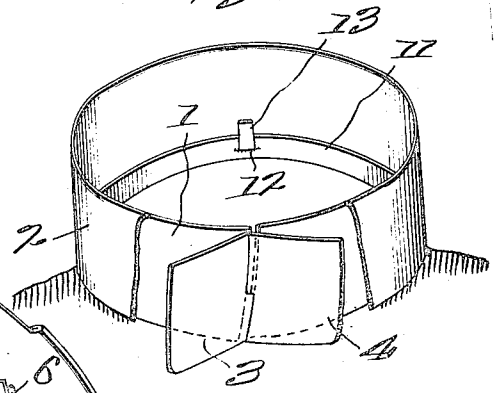
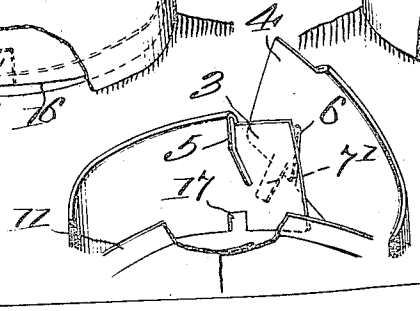


Fig. 6.



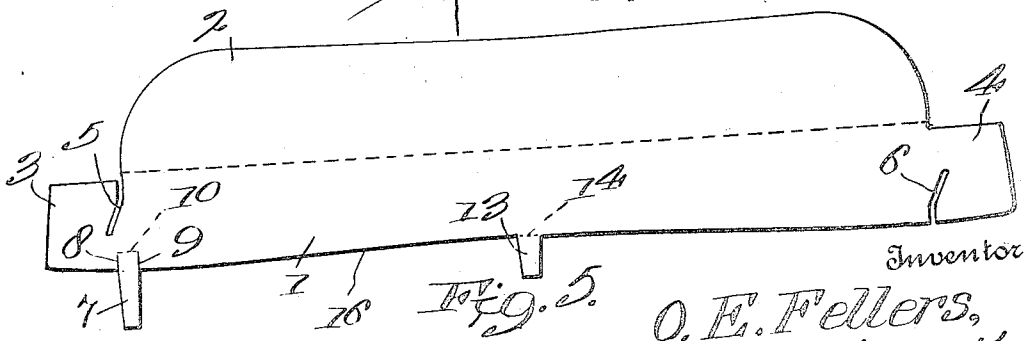


Fig. 5.

Witnesses

Edwin J. Beller.

R. J. Hawkinson.

Inventor

O. E. Fellers,

by Wilkinson, Gindle & MacKaye.

Attorneys.

UNITED STATES PATENT OFFICE.

OLIVER E. FELLERS, OF HOLDENVILLE, OKLAHOMA.

COLLAR.

1,168,183. Specification of Letters Patent. Patented Jan. 11, 1916.

Application filed May 27, 1915. Serial No. 30,794.

To all whom it may concern:

Be it known that I, OLIVER E. FELLERS, a citizen of the United States, residing at Holdenville, in the county of Hughes and State of Oklahoma, have invented certain new and useful Improvements in Collars; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The present invention relates to improvements in collars, and has for an object to provide an improved collar having an interlocking front closure for rigidly maintaining the ends of the same together, and tabs for connecting the collar with the shirt band without the aid of buttons.

Another object of the present invention resides in providing an improved collar which will be readily attachable and detachable from the shirt band, and which will not present any interference to the sliding engagement of the necktie in tying and arranging the same centrally of the collar.

With these and other objects in view the invention consists in the novel details of construction and combinations of parts more fully hereinafter disclosed and particularly pointed out in the claims.

In the accompanying drawings forming a part of this application, and in which similar reference symbols indicate corresponding parts in the several views: Figure 1 is a front perspective view of a collar shown in attached position. Fig. 2 is a rear perspective view of the same. Fig. 3 is a rear perspective view, partly in section, of the improved collar with the front closure disengaged. Fig. 4 is a front perspective view, partly in section, of the improved collar and illustrating the interlocking engagement of the front closure. Fig. 5 is a plan view of the collar blank; and Fig. 6 is a fragmentary perspective view of a slightly modified form of closure and attachment device.

Referring more particularly to the drawings, the present improvement is illustrated as applied to a conventional form of double collar, in which 1 designates the inner and 2 the outer fold of the same.

Following the usual practice, the inner fold 1 of the collar is provided with flaps 3 and 4, arranged to overlap and fit beneath the adjacent ends of the outer fold 2 when the collar is closed, as shown to advantage in Fig. 1. In accordance with the present invention the flaps 3 and 4 are provided with interlocking slots 5 and 6 respectively, each being constituted, as will more clearly appear from an inspection of Fig. 5, of a vertical portion opening on the edge of the respective flap and adjacent the end of the outer fold 2, and an oblique portion terminating substantially centrally of the height of the flap. When these slots 5 and 6 of the flaps 3 and 4 engage in the manner shown in Fig. 4, the vertical portions of said slots form and maintain a rigid closure of the meeting ends of the collar, while the oblique portions of the slots 5 and 6 form an effective interlocking engagement of said flaps, the same being assisted by the positioning of the flaps beneath the collar folds, as in Figs. 1 and 2.

The flap 3 of the front closure of the improved collar is provided with a tab or tongue 7, preferably formed integral with the material of the collar, which latter is slotted as indicated at 8 and 9 to form a continuation of said tab 7, said tab being in practice starched stiff and bent along the line of flexure 10 to the position indicated in Figs. 2 and 3, where the same is inserted through the front buttonholes of the shirt band, indicated at 11.

Intermediate of the collar, and arranged to come opposite the rear buttonhole 12 of the shirt band 11, is a tab 13, similar to the tab 7, the same being bent along the line of flexure 14 and engaged through said rear buttonhole, as shown in Figs. 1 and 4. If found desirable, the lower edge of the inner fold 1 of the collar may be formed straight, but the same is preferably arched, as indicated at 16, whereby to dispense with the necessity of providing slots at the base of the tab 13, in order to bring the line of flexure 14 thereof at substantially the height of the rear buttonhole 12.

Referring now more particularly to Fig. 6 of the drawings, the flaps 3 and 4 are similarly provided with interlocking slots 5 and 6; the tab 7′, however, being in this modification shown provided on the outer flap 4. The inner flap 3 is provided with a recess 17 for receiving the tab 7′ when the collar ends are assembled, and said tab bent over to engage the buttonholes of the shirt band 11. This latter arrangement provides a much more effective joint between the collar ends and prevents all likelihood of the accidental separation of the ends and binds the collar more closely to the shirt band.

In practice, the collar is applied in place by first engaging the tab 13 with the rear buttonhole 12 of the shirt band, and subsequently securing the tab 7 of the flap 3 through the front buttonholes of the shirt in that manner shown in Fig. 3; thereupon the outer flap 4 is positioned vertically above the flap 3 with the slots 5 and 6 in registry, and is then forced downward to interlock the flaps, as shown in Fig. 4. The flaps are thereupon engaged beneath the outer fold 2 of the collar, as will be understood.

In applying the collar constructed in accordance with Fig. 6, the flaps 3 and 4 may first be interlocked and the tab 7′ subsequently bent over and through the recess 17, at the same time inserting the same through the front buttonhole. It will be understood that the collar may be readily detached by reversing the operation.

It is obvious that those skilled in the art may vary the details of construction and arrangement of parts without departing from the spirit of my invention, and therefore I do not wish to be limited to such features except as may be required by the claims.

I claim:

1. An improved buttonless collar including a front closure, means for securing said collar to the usual rear button hole of a shirt band, and a tab associated with the front closure and formed from the material of the collar, the collar being slitted along opposite edges of said tab to provide a continuation of the same, said tab being bent up vertically about a line of flexure corresponding in height to the height of the usual front button holes in a shirt collar and band adapted to be inserted upwardly therethrough to secure the collar in position, substantially as described.

2. An improved buttonless collar including a pair of flaps constituting a front closure and provided with means for securing the same together, the rear flap being formed with a recess opening on the bottom edge thereof, and a tab on the front flap, said front flap being slitted on either side of the tab to provide a continuation thereof, said tab being bent up vertically through the recess in said rear flap along a line of flexure of substantially the height of the front button holes of the shirt band and inserted through the latter to maintain the collar in position, substantially as described.

3. An improved buttonless collar having flaps provided with complemental slots opening through the upper and lower edges, respectively, thereof and constituted each of a vertical and oblique portion for binding the collar ends close together and forming an interlocking joint, and a tab associated with said front closure and adapted to engage through the front buttonholes of the shirt band to connect the collar in place, substantially as described.

4. An improved collar including a closure comprising a pair of flaps provided with complemental slots opening on the upper and lower edges of said flaps respectively and constituted each of a vertical and oblique portion for binding the collar ends closely together and providing an interlocking joint therebetween, and a tab associated with said front closure and formed from the material of the collar, the collar being slitted along either longitudinal edge of said tab for providing a continuation thereof, said tab being bent vertically along a line of flexure corresponding in height to the height of the front button holes of the shirt band and inserted upwardly through the latter to secure the collar in position, substantially as described.

5. An improved collar comprising a front closure consisting of a pair of flaps provided with complemental slots opening through the upper and lower edges respectively thereof and constituted each of a vertical and oblique portion for binding the collar ends close together and forming an interlocking joint, the rear flap being formed with a recess along its lower edge, a tab on the front flap and constructed integral with the material of the collar, the front flap at each side of said tab being slitted to form a continuation thereof, said tab being bent vertically upward through the recess in the rear flap along a line of flexure of substantially the height of the front button holes in the shirt collar band and adapted to be inserted therethrough to secure the collar in position, and means for securing the collar to the rear button hole of the shirt band, substantially as described.

6. An improved buttonless collar composed of inner and outer folds, flaps formed on said inner fold and provided with complemental slots opening on the upper and lower edges of said flaps, respectively, and constituted each of a vertical and oblique portion for binding the collar closely together and providing an interlocking joint therebetween, said inner fold being arched along the lower edge at the rear thereof, a tab projecting from the lower arch of said inner fold and adapted to be bent up to engage the rear buttonhole of the shirt band, and a front tab projecting from the innermost flap and bent along the line of flexure substantially at the same height as the front buttonholes, said flap being inserted therethrough for connecting the collar in place, substantially as described.

In testimony whereof I affix my signature.

OLIVER E. FELLERS.