

D. SIMON.
ADJUSTABLE COLLAR FASTENER.
APPLICATION FILED JUNE 21, 1912.

1,044,932.

Patented Nov. 19, 1912.

Fig. 1.

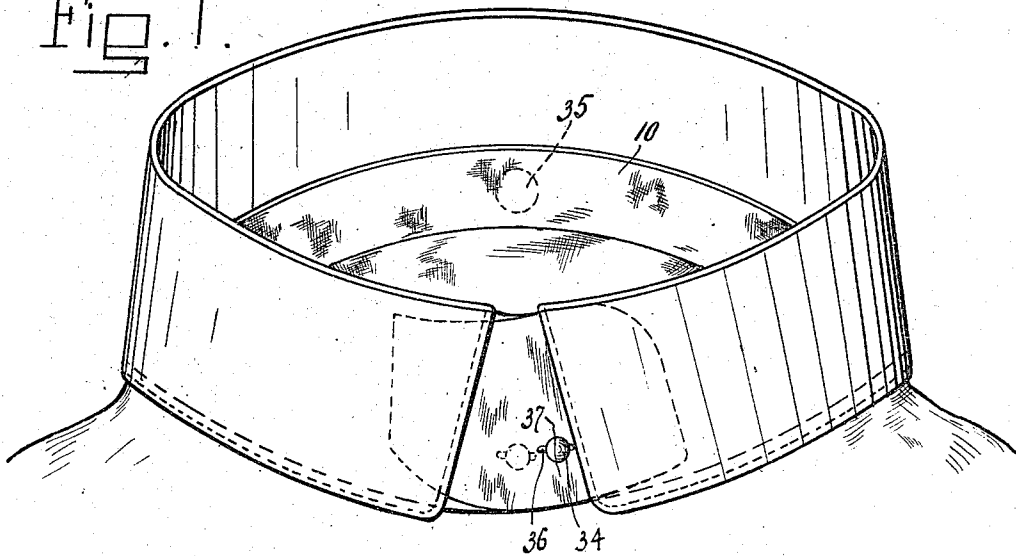


Fig. 2.

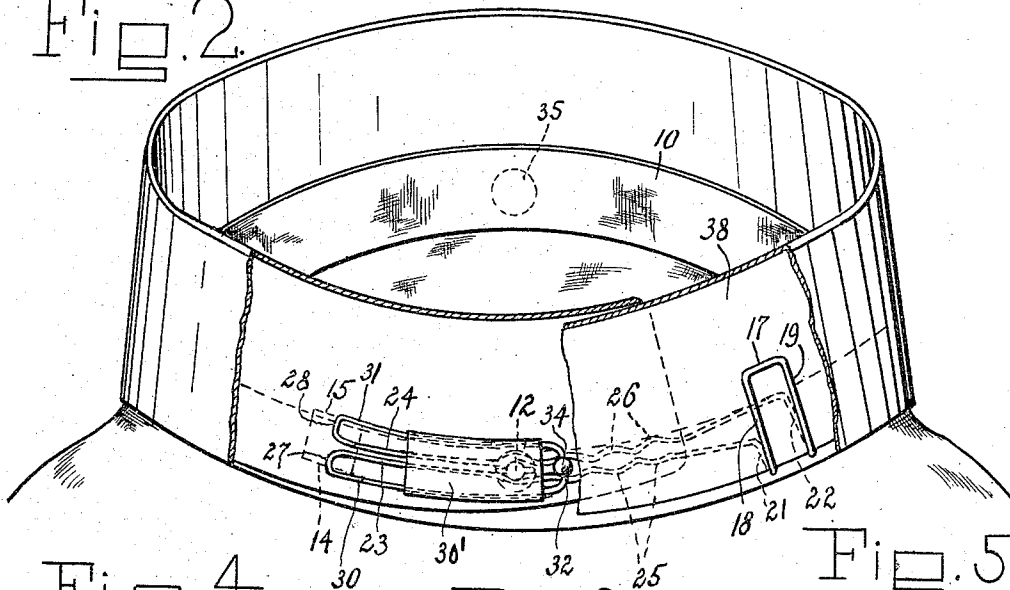


Fig. 4.

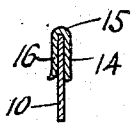


Fig. 3.

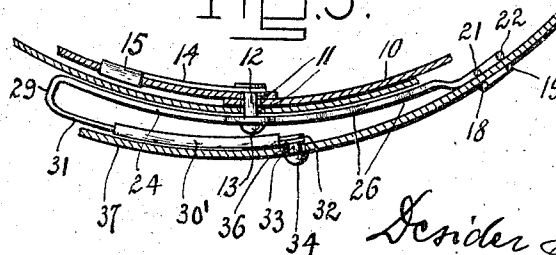
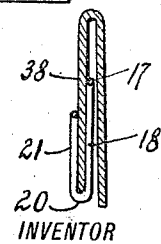


Fig. 5.



WITNESSES
Jm. Hunk
S. Birnbaim

Desider Simon
BY
Sipman & Herzog
his ATTORNEY

UNITED STATES PATENT OFFICE.

DESIDER SIMON, OF NEW YORK, N. Y.

ADJUSTABLE COLLAR-FASTENER.

1,044,982.

Specification of Letters Patent.

Patented Nov. 19, 1912.

Application filed June 21, 1912. Serial No. 705,058.

To all whom it may concern:

Be it known that I, DESIDER SIMON, a subject of the King of Hungary, and resident of the city of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Adjustable Collar-Fasteners, of which the following is a specification.

The present invention relates to a collar fastener or buttoning device, and more particularly to one which permits of a ready adjustment of the collar to the neck of the wearer.

One of the objects of the invention is to provide a two-part simple and inexpensive device of this character which is capable of manufacture on a commercial scale, or in other words which is not so difficult to produce as to be beyond the reasonable cost of such an article.

With these and other objects in view, which will more fully appear as the nature of the invention is better understood, the same consists in the combination, arrangement and construction of parts hereinafter fully described, pointed out in the appended claims and illustrated in the accompanying drawings, it being understood that many changes may be made in the size and proportion of the several parts and minor details of construction within the scope of the appended claims without departing from the spirit or sacrificing any of the advantages of the invention.

One of the many possible embodiments of the invention is illustrated in the accompanying drawings, in which:—

Figure 1 is a perspective view of a turn-over collar with the device in position thereon; Fig. 2 is a similar view of the collar, certain parts of the same being broken away to more clearly show the construction of the parts of the fastening device and their relative positions upon the collar; Fig. 3 is a plan view of the two parts of the fastening device; Fig. 4 is a section taken through the neck band of a shirt and through one of the two parts of the fastening device in position thereon; and Fig. 5 is a section taken through a collar and the other part of the fastening device thereon.

In the drawings, the numeral 10 indicates the neck-band of a shirt which is provided in the well known manner in its overlapping front portions with button-holes 11, 11, which are engaged by the shank 12 of a

button 13. This button is attached to or made integral with one end of a curved base plate 14, the opposite end 15 of which is recessed, as clearly shown at 16, into which recess is adapted to be seated the neck band 10. In drawing this recessed end over the neck band 10, the button 12 will be held upon the band in a fixed position, more particularly against tilting movement. The device now described comprises one of the parts of the adjustable collar fastener, and more particularly the stationary part. The movable part is, preferably, made of a single strand of spring-steel wire. The wire is first bent around its middle portion 17 downward, substantially at right angles to said middle portion, whereby downwardly extending sections 18 and 19 are formed. Both ends of the wire are then bent slightly away from each other, as shown at 20, and brought upward substantially parallel to the downwardly extending portions 18 and 19, as clearly shown at 21 and 22. These downwardly and upwardly bent portions form jaws, adapted to engage the inner fold of the turn-over collar. Both ends of the wire are then extended at right angles to the portions 21 and 22 to form bars 23 and 24, respectively. These bars run substantially parallel with each other and are curved so as to conform to the curvature of the collar to which they are intended to be applied.

The bars 23 and 24 are provided with a plurality of registering sinuous bends 25 and 26, respectively, whereby a plurality of communicating eyes are formed in which the shank 12 of the button 13 is adapted to be seated. The ends of the bars 23 and 24 of the wire are then passed downward and upward at 27 and 28, respectively, thence forward out of the plane of the bars, as clearly shown at 29, and then curved upon themselves backwardly parallel with the said bars, as indicated at 30 and 31, respectively. The two ends of the wire meet at 32, where they are suitably attached to the shank 33 of a collar-button 34. A plate 30', attached to the portions 30 and 31, serves to keep the same at the proper distance, and to add to the rigidity of the portions.

The operation of this device is as follows: The collar-button 13 is engaged in the usual manner with the two button-holes in the meeting ends of the neck-band of the shirt, and the end 15 of the base plate 14 drawn

over the said neck-band, as clearly shown in Figs. 2 and 4 of the drawings. The collar is then engaged with the rear neck-band button 35, and the button-hole in one of its front flaps engaged with the button 13. The button 34 upon the movable part of the collar fastener is engaged with the button-hole 36 in the overlapping flap 37 of the collar. The jaws of the said movable part are then drawn over the inner fold 38 of the collar. The shank of the button 12 is then brought into engagement with the bars 23 and 24 until it is seated in one of the eyes. Owing to the resiliency of the bars 23 and 24, the button can be easily passed from one eye into the other, whereby the size of the collar can be readily adjusted to the neck of the wearer.

What I claim is:—

20 In an adjustable collar fastener, the combination with a button held against tilting movement upon the neck band of a shirt and one flap of a collar, of a movable part formed of a single strand of wire bent
25 around its middle portion downward, then slightly away from each other and upward

substantially parallel to the downwardly extending portions, whereby jaws are formed adapted to engage the inner fold of a turn-over collar, both ends of the wire being then extended at right angles to form substantially parallel bars curved so as to conform to the curvature of the collar, said bars being provided with a plurality of registering sinuous bends, whereby a plurality of communicating eyes are formed in which the shank of said button is adapted to be seated, the ends of the bars of the wire being then passed downward and upward, thence forward out of the plane of said bars and then curved upon themselves backwardly parallel with said bars, the two ends of said wire being joined, and a collar button attached to said joint.

Signed at New York, in the county of New York and State of New York, this 18th day of June, A. D. 1912.

DESIDER SIMON.

Witnesses:

EUGÈN SIMON,
SIGMUND HERZOG.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."