

(No Model.)

G. W. RITZ.
NECKTIE FRAME.

No. 536,157.

Patented Mar. 19, 1895.

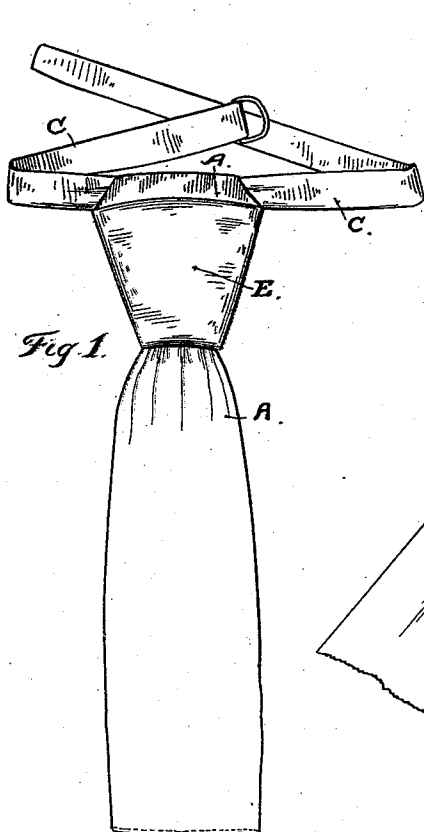


Fig. 1.

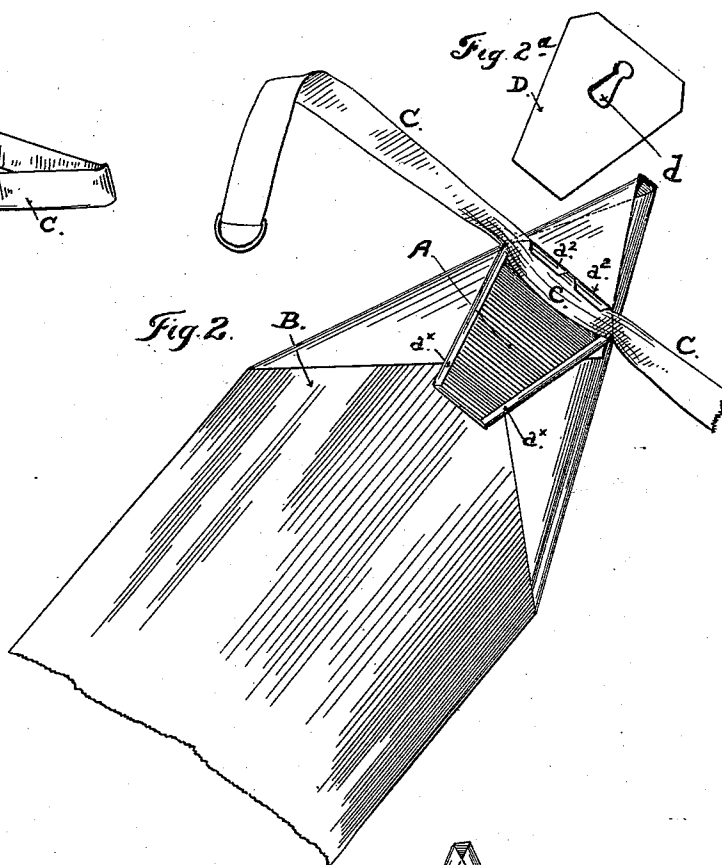


Fig. 2.

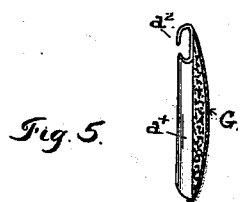


Fig. 5.

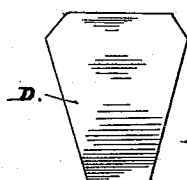


Fig. 3.

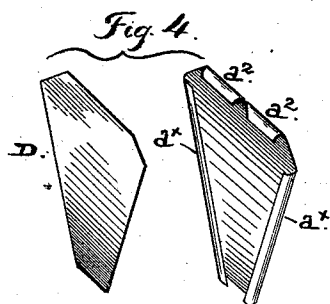
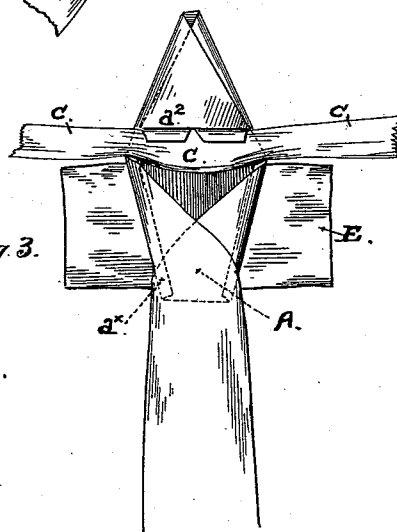


Fig. 4.

Witnesses:
Marcus Levi.
M. Regner.

Inventor:
George W. Ritz.
By Smith & Osborn
his attys.

UNITED STATES PATENT OFFICE.

GEORGE W. RITZ, OF SAN FRANCISCO, CALIFORNIA.

NECKTIE-FRAME.

SPECIFICATION forming part of Letters Patent No. 536,157, dated March 19, 1895.

Application filed August 10, 1894. Serial No. 519,930. (No model.)

To all whom it may concern:

Be it known that I, GEORGE W. RITZ, a citizen of the United States, residing in the city and county of San Francisco, State of California, have invented a new and useful Necktie-Frame, of which the following is a specification.

My invention relates especially to a neck-tie frame, and has for its object the production of a device wherein neck-ties can be manufactured in a cheap and rapid manner without the necessity of employing a needle and thread or the making of stitches for covering the same.

To attain this end, my invention consists in a downwardly tapering base plate having flanges at its sides and upper end bent permanently to the rear, and a shield removably engaging said flanges and clamping the fabric of the tie in position, said parts being of the specific construction hereinafter more fully described and claimed; and the invention further consists in additional details of construction as set forth.

As thus constructed and arranged it is an easy task for almost any one wearing a neck-scarf or neck-tie to make his own neck-wear from any suitable cloth or fabric and for this purpose scraps and refuse or discarded fabrics or material may be employed with good success.

In the accompanying drawings which form part of this specification:—Figure 1 is a front view of the finished scarf. Fig. 2 is a back-view showing the manner of laying in and folding the material to form the body of the scarf and the neck-band. Fig. 2^a is a view of the clamping-plate that confines and holds the material. This plate is sprung into the plate —A— when the folding of the material is completed. Fig. 3 is a back-view showing the last folds made in the body and the manner of placing the outside piece of the knot, before the plate —D— is set in place. Fig. 4 shows the two plates —A— D— in perspective. Fig. 5 is an edge view of the plate —A— with a pad attached.

A is a knot or base plate cut so as to taper from the upper toward the lower end, and the upper corners a' a' are clipped off for a purpose hereinafter more fully described. The upper end a^2 and the sides a^x are bent in-

ward toward the back of the plate A in flanges which form recesses or guides for the shield D. This plate A is stiff enough to allow these flanges to always remain in this position. The shield D tapers downward and has a keyhole slot d near its upper end to be fastened to a collar button.

When the flanges are produced as described a V-shaped notch is preferably cut in the upper edge as shown and both corners of the knot-plate are clipped, so that when the knot or cover is put in position a channel at each corner will be provided for the neck band, that it may lay flat upon the inner face of the knot-plate and a sort of depression in the center of the upper flange is formed to hold the fabric as it is folded over upon the plate and to more closely imitate a hand-made four-hand tie. The front face of this plate may be made rounding and covered with cloth with or without any padding, but a cushion —G— is more desirable. This is obtained by forming a small sack and fastening it to the front face of the knot-plate leaving the flap at the lower end free, so that when the sack is stuffed this flap may be brought down over the end of the plate and glued to the inner face of the knot-plate. As thus constructed a sufficient recess will be obtained in the inner or reverse face of the knot-plate or necktie frame to receive the head of the collar button and the ends of the fabric and shield or cover together with the apron or flaps of the neck-tie.

In order to confine the ends of the cloth and hold it in position I make use of the V-shaped shield —D— which is of the same general outline as the knot-plate and of such dimensions as to allow it to be sprung down upon the material the upper end and side edges passing beneath and engaging with the flanges on the knot-plate and in this position the cloth is firmly held without other fastenings.

In constructing a tie with my improved frame, the operation is as follows: A piece of cloth B forming the apron and a little larger than the width of the knot plate will be required, and it is wrapped around the plate overlapping the side and upper flanges and pressed down into the recess formed thereby on the back of the plate. A second piece of cloth E forming the cover and a little nar-

rower than the length of the knot plate is laid transversely over the face thereof and over the piece B, and its ends are passed over the side flanges a^x and also into the recess on the back of the plate. The shield or plate D is then applied by passing it from the upper edge of the plate A beneath the flanges a^x and sliding it down until its upper edges contact with said flanges a^x , when its upper end can be sprung beneath the top flange a^2 at the upper end of the knot plate A. The latter plate, having a rounding surface, will, together with the thickness of the cloth, hold the shield D in position; and the flanges $a^x a^2$ will not have to be bent toward the inner face of the plate A to hold the material as has heretofore been necessary, and thus prevents all danger of the flanges becoming weak or broken away from the plate by constant bending when removing the cloth. The whole is then applied to the neck of the wearer by passing the collar button through the keyhole d in the plate D.

Should it be desired to have a neck band, a narrow strip or band C is first laid upon the plate A beneath the flange a^2 , the ends passing through the open corners a' formed at the upper edge of said plate and the rest of the tie is constructed as previously described.

It will be seen that the ties can be changed as often as desired without danger of weakening or breaking the flanges as is the case in all previous neck tie frames.

I do not limit myself to the exact sizes, shapes, and materials used, as considerable change may be made without departing from the spirit of my invention.

Having thus described my invention, what I claim as new is—

1. As an improved article of manufacture, the herein described separable necktie frame consisting of a downwardly tapering base plate having flanges at its sides and upper end bent permanently to the rear and standing approximately parallel with the plate, and a correspondingly tapering shield removably engaging the side flanges from above and of such a width that when its edges contact therewith its upper end will stand below and may be sprung under the upper flange, substantially as and for the purpose set forth.

2. In a necktie, the combination with a frame consisting of a base plate having clipped corners, flanges at its sides and upper end bent permanently to the rear and terminating short of the corners, and a shield removably engaging said flanges; of a band passing beneath the upper flange and out said corners, and a tie proper carried by the base plate, substantially as and for the purpose set forth.

3. In a necktie, the combination with a frame consisting of a base plate having flanges at its sides and top bent permanently to the rear the top flange having a notch near its center, and a shield removably engaging said flanges; of an apron passing over the upper end of the plate and under said upper flange and shield, a cover passing transversely across said plate over the apron around and under the side flanges and shield and a pad between the apron and plate, substantially as described.

In testimony that I claim the foregoing I have hereunto set my hand and seal.

GEORGE W. RITZ. [L. S.]

Witnesses:

M. REGNER,
CHAS. E. KELLY.