C. S. CLINCH.

BOW FOR APPAREL.

APPLICATION FILED DEC. 13, 1909.

952,726. Patented Mar. 22, 1910.

Fig. 1.

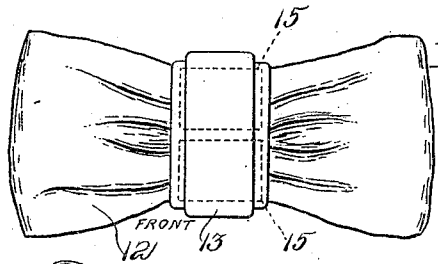


Fig. 6.

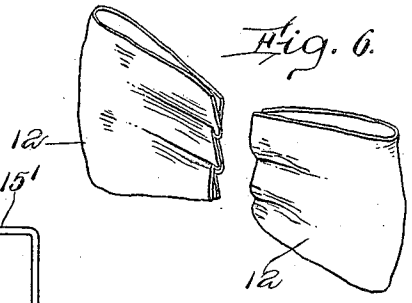


Fig. 2.

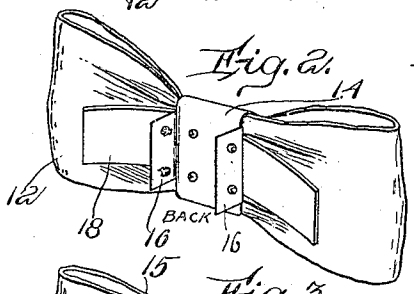


Fig. 8.

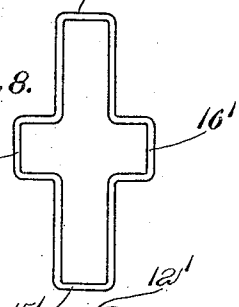


Fig. 7.

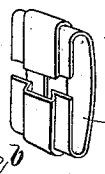
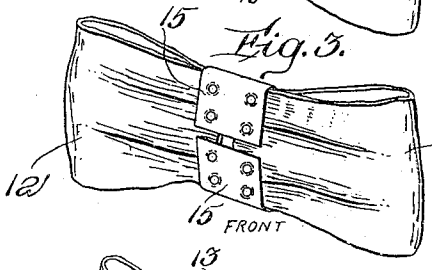


Fig. 3.



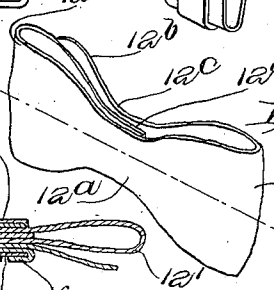


Fig. 9.

Fig. 10.

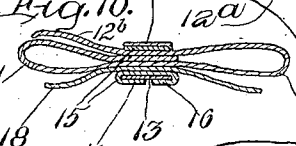


Fig. 4.

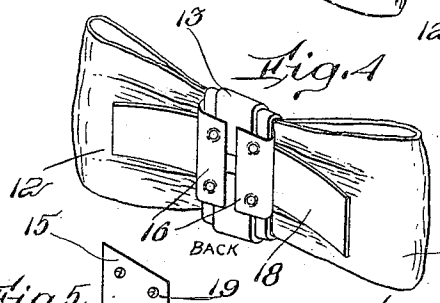


Fig. 11.

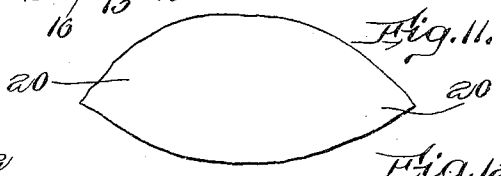


Fig. 5.

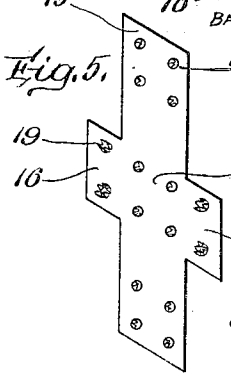


Fig. 12.

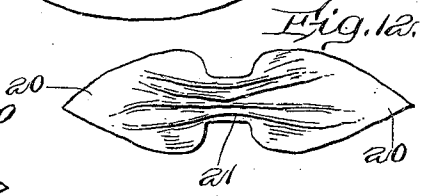


Fig. 14.

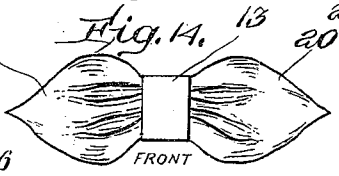


Fig. 15.

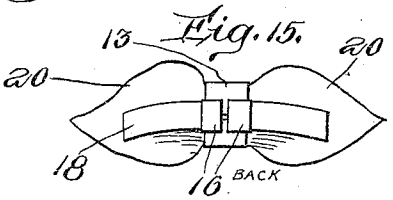
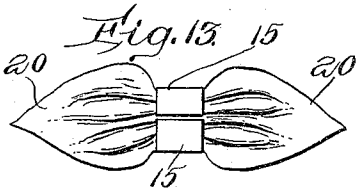


Fig. 13.



Witnesses:
H. L. Allen
F. R. Poulteau

Inventor:
C. S. Clinch
By Wright Brown Quinby & May
Attys.

UNITED STATES PATENT OFFICE.

CHARLES S. CLINCH, OF LYNN, MASSACHUSETTS.

BOW FOR APPAREL.

952,726. Specification of Letters Patent. Patented Mar. 22, 1910.

Application filed December 13, 1909. Serial No. 532,937.

To all whom it may concern:

Be it known that I, CHARLES S. CLINCH, of Lynn, in the county of Essex and State of Massachusetts, have invented certain new and useful Improvements in Bows for Apparel, of which the following is a specification.

This invention relates to made-up bows for wearing apparel and particularly to bows which are used to ornament shoes or slippers, although the invention may be applied to bows for neckwear and other purposes.

A bow of the character to which my invention relates is composed of end portions or wings and an independently formed band which extends across the wings between their outer ends and forms the central part of the bow, the said wings and band being secured together and constituting a permanent bow having the effect of a tied bow formed by tying a single strip such as a cravat.

My invention has for its object to reduce the cost of manufacturing a made-up bow of the character above specified by doing away with the employment of stitches and substituting therefor a clamping member which embraces the inner portions of the wings, and the ends of the band, and secures the band in place.

The invention consists of the improvement which I will now proceed to describe and claim.

Of the accompanying drawings, forming a part of this specification,—Figure 1 represents a front elevation of a bow embodying my invention, the bow having looped wings formed from separate pieces. Figs. 2 and 3 represent perspective views showing the bow partially completed, the band being omitted. Fig. 4 represents a perspective view showing the back side of the completed bow. Fig. 5 represents a perspective view of the blank of which the clamping member is made. Figs. 6 and 7 represent perspective views showing the wings and the band in the positions in which they are held by the clamping member, the latter being omitted. Fig. 8 represents a modification. Fig. 9 represents a perspective view showing looped wings formed from a single piece and ready for the application of the band and the clamping member. Fig. 10 represents a section on line 10—10 of Fig. 9, showing the clamping member and band in place. Fig. 11 represents a blank for the production of two connected wings which are not looped. Fig. 12 represents a front view of the blank shown in Fig. 11 formed for the application of the clamping member and band. Fig. 13 is a view similar to Fig. 12, showing the clamping member in place, the band being omitted. Fig. 14 is a view similar to Fig. 13 showing the band in place, the bow being completed. Fig. 15 represents a rear view of the completed bow shown in Fig. 14.

The same reference characters indicate the same parts in all of the figures.

Figs. 1, 2, 3, 4, and 6 and 7 represent a construction which includes two independent looped wings, a band, and a coupling member which connects or couples together the wings and secures the band thereto, said construction being next described.

12, 12 represent the wings, and 13 the band of a bow adapted particularly for use in ornamenting a shoe or slipper, the said parts being composed of strips of suitable material such as leather or fabric. The wings 12 are looped and are held end to end in the relative positions indicated in Fig. 6, while the band is formed to substantially embrace the inner end portions of the wings.

Instead of sewing the parts 12, 12, and 13 together as heretofore, I secure or couple them together by means of a clamping member of flexible metal, adapted to be bent in such manner as to engage and confine in their proper relative positions the inner end portions of the wings 12, and to engage and securely connect the ends of the band 13, the said clamping member being adapted to hold the parts 12 and 13 securely together and in the relative positions indicated in Figs. 1 and 4.

The clamping member in its preferred form is composed of a sheet metal blank having a central portion 14 adapted to bear on the back sides of the inner end portions of the wings 12, as shown in Fig. 2, and having a pair of wing-engaging end ears 15, 15 adapted to be bent across the edges of the wings and to bear on the front sides of the inner end portions of the wings, as indicated in Fig. 3, the ears 15 being pressed toward the central portion 14 in such manner that the inner ends of the wings 12 are securely clamped between the central portion 14 and the end ears 15, the wings being thus coupled together end to end.

The clamping member is also provided

with a pair of band engaging side ears 16, 16 which are arranged at right angles with the wing-engaging end ears and are first bent outwardly at an angle to the central portion 14, as shown in Fig. 2, prior to the application of the band 13. The said band which is bent into the form illustrated in Fig. 7 has its ends laid upon the central portion 14, after which the side ears 16 are bent inwardly across the edges of the band and pressed against the end portions of the outer side of the band, as indicated in Fig. 4, thus clamping the ends of the band securely against the central portion 14. The last described operation completes the bow, the members of which are securely connected. If desired, an attaching strip 18 may be interposed between the clamping member and the back sides of the wings 12, the ends of said strip projecting and affording means for the attachment of the bow to a shoe or other article.

The central portion and ears of the clamping member are preferably provided with teeth or spurs 19, adapted to engage the parts of the portions 12 and 13 on which they bear. Said spurs may be conveniently formed by punching holes in the sheet metal, thus displacing portions of the form of teeth, the teeth of the central portion 14 and ears 15 projecting from one side of the blank while the teeth of the ears 16 project from the opposite side.

I do not limit myself to the employment of sheet metal as the material of the clamping member and it may be otherwise constructed. For example, the said member may be made of wire, as shown in Fig. 8, which represents a wire frame the portions 15′, 15′, 16′, 16′ of which are adapted to be bent over to clamp the end portions of the wings and band, the wire portions 15′ performing the same function as the ears 15, while the wire portions 16′ perform the same function as the ears 16.

Figs. 9 and 10 show a construction in which looped wings 12′, 12′ are formed in a single piece which includes a narrow neck 12^a connecting the wings, and a tab 12^b connected with one of the wings by a narrow neck 12^c, the other wing having a narrow extension 12^d. The necks 12^a and 12^c bear on opposite sides of the extension 12^d and the parts 12^a, 12^c, and 12^d are embraced by the above described clamping member and by the band 13, the latter being secured by the ears 16 of the clamping member.

Figs. 11 to 15, inclusive, show a construction which includes wings 20, which are not looped, and are the end portions of a single piece or blank which may be of the form shown in Fig. 11. Said piece is gathered at its central portion to form a neck 21 (Fig. 12) and to suitably gather and form the wings. The clamping member and the band 13 are then applied in the manner already described.

The preferred embodiments of my invention are those shown in Figs. 9 to 15, inclusive, each of these embodiments including two wings formed from a single piece of material, the said wings being either looped, as shown in Figs. 9 and 10, or each made in a single thickness, as shown in Figs. 11 to 15.

I claim:

1. A bow comprising a band, wings projecting in opposite directions from the band, and a flexible metal clamping member having means for engaging the inner portions of the wings and means for engaging the ends of the band.

2. A bow comprising a band, wings projecting in opposite directions from the band, and a flexible metal clamping member composed of a central portion bearing on the inner sides of the wings, a pair of end ears bent across the edges of the wings, and bearing on the outer sides thereof, and a pair of side ears arranged at right angles with the end ears and bent across the edges of the end portions of the band, and bearing on the outer sides of said end portions.

3. A bow comprising two wings formed in a single piece which is contracted between its ends to form a neck, a flexible metal clamping member having a central portion and two end ears embracing and clamped upon the said neck, and a band embracing the clamping member and neck, the said clamping member having also two side ears engaging the ends of the band.

4. A bow comprising a band, wings projecting in opposite directions from the band, and a flexible sheet metal clamping member having a central portion bearing against the inner portions of the wings at the back side of the bow, and two pairs of ears, the ears of one pair being bent over the inner portions of the wings at the front side of the bow, while the ears of the other pair are bent over and confine the ends of the band at the back side of the bow, the said clamping member being provided with spurs which engage the wings and band.

In testimony whereof I have affixed my signature, in presence of two witnesses.

CHARLES S. CLINCH.

Witnesses:

C. F. Brown,

A. W. Harrison.