Aug. 9, 1932. L. E. GROSSMAN 1,871,173

TIE

Filed Dec. 9, 1930

Fig. 1.

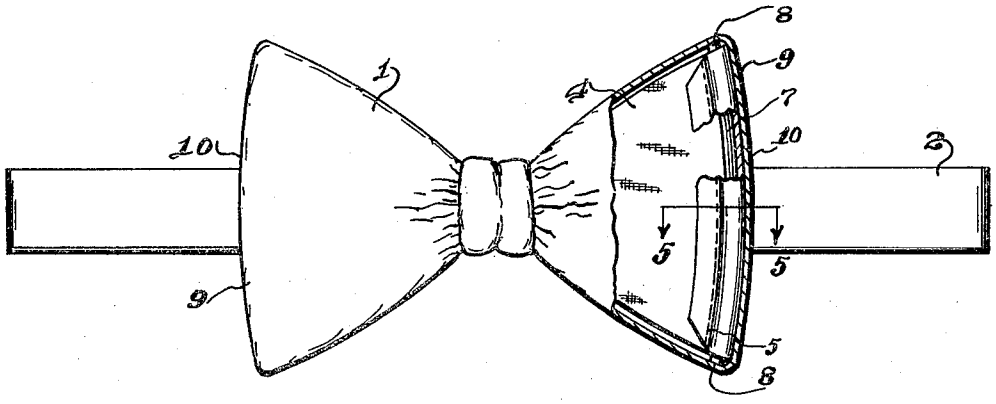


Fig. 2.

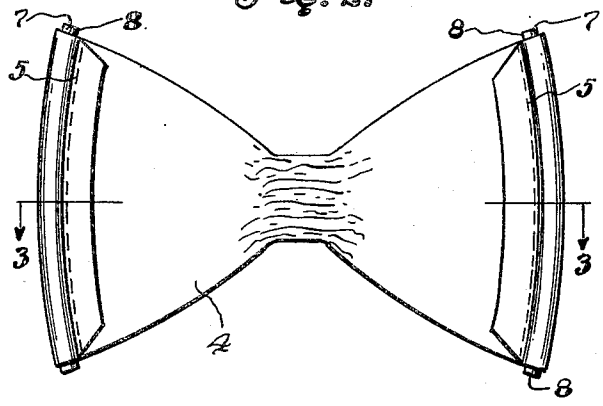


Fig. 4.

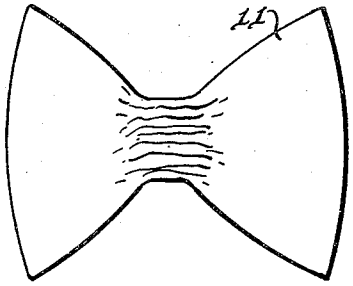


Fig. 3.



Fig. 5.

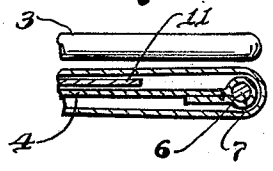


Fig. 6.

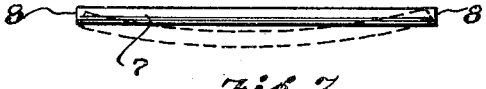
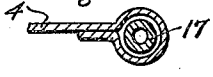


Fig. 7.



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Patented Aug. 9, 1932 1,871,173

UNITED STATES PATENT OFFICE

LESTER EDWARD GROSSMAN, OF BROOKLYN, NEW YORK

TIE

Application filed December 9, 1930. Serial No. 501,113.

This invention relates to ties and more especially to a means for preventing bow ties from wrinkling or sagging.

The ordinary bow tie after being worn for a short period of time loses its shape, becomes wrinkled, and begins to sag at the ends. It is therefore the object of the invention to provide means within the tie to permanently keep the wings of the tie in a distended and neat position.

Another object of the invention is to provide a set of rubber inserts in the wings of the tie to keep them permanently in their original shape.

Still another object of the invention is to give to the edges of the front wings a pleasing outward curve.

Other objects of the invention will appear as the disclosure progresses. The drawing is merely intended to indicate a possible embodiment of the invention. It is obvious that the actual needs of manufacture may necessitate certain mechanical changes. It is therefore not intended to limit the invention to the embodiment illustrated but rather to define such limits in the appended claims. For a more general understanding of the invention attention is called to the drawing.

Figure 1 is a front view of the tie partly in section.

Figure 2 is a view of the lining strip for holding the rubber inserts, shown detached from the tie.

Figure 3 is a section on line 3—3 of Figure 2.

Figure 4 is a view of the stiffening member detached from the tie.

Figure 5 is a section on line 5—5 of Figure 1 with the back member shown full.

Figure 6 is a view of the rubber insert, the dotted lines showing the position the rubber insert takes when inserted in the tie.

Figure 7 is a sectional view of another modified form of the rubber insert.

Referring now to the drawing in detail, numeral 1 designates the front member of a ready made bow tie, 2 the adjustable neck band, and 3 the back member of the tie. Within the walls of the front member 1 is a lining strip 4 the opposite ends of which are bent over and stitched as at 5 forming pockets 6 for holding the rubber inserts 7. The inserts are somewhat longer than the length of the pockets and the ends 8 thereof bear against the wall of the outer covering as shown in Figure 1. As the width of the wings 9 of the tie is somewhat less than the length of the rubber inserts the said rubber inserts will slightly bend when put in place and give the end of the tie a pleasing outward curvature as at 10. The lining strip made of cloth of a coarse weave will "give" and form no resistance to the bending of the inserts. The stiffening member 11 is preferably placed behind the lining strip 4 and helps to keep the central portion of the tie in shape.

The function of the two rubber inserts 7 are to resiliently keep the ends of the tie spread out vertically. The inserts are made from soft flexible live rubber and will prevent the tie wings from being crushed or wrinkled.

The insert 17 shown in the modified form of the invention in Figure 7 is the same as the inserts 7 shown in Figure 1 excepting that it is hollow instead of solid in order to give a greater degree of resiliency.

It will thus be seen that I have provided a novel, simple, effective and inexpensive means whereby the wings of bow ties of the ready made type will assume a neat appearance at all times and prevent the wings from becoming crushed and wrinkled.

Having described my invention, I claim:

1. In a bow tie of the class described, the combination of a pair of front wings, a lining strip in said wings, the ends of said lining strip being bent over forming pockets, the free ends of said bent over portions stitched in place, and rubber inserts housed in said pockets, said rubber inserts being normally straight and longer than the extreme width of the front wings so that the said rubber inserts when put in place will curve outwardly and cause the outside edges of the front wings to assume a corresponding outward curve.

2. In a bow tie of the class described, the combination of a pair of front wings, a lin-

ing strip in said wings, pockets formed at the ends of said lining strip, a vertically disposed tubular rubber insert in each of said pockets, and means to give the outward edge of the front wings an outward curve.

3. In a bow tie of the class described, the combination of a pair of front wings, a lining strip in said wings, a pair of rubber inserts, said lining strip supporting a rubber insert at each end, the ends of said inserts bearing against the inside of said front wings, so that the said inserts will assume an outward curve.

In testimony whereof I affix my signature.

LESTER EDWARD GROSSMAN.