

W. H. HALSEY.  
Neck-Ties or Bows of Celluloid.

No. 218,019.

Patented July 29, 1879.

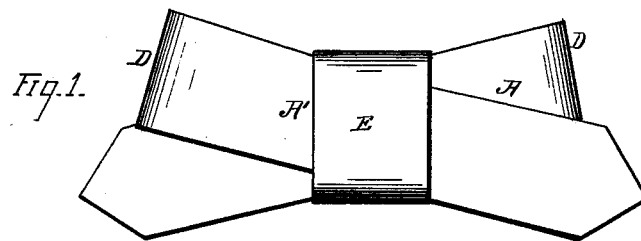


Fig. 3.

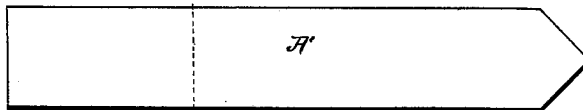


Fig. 5.

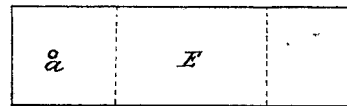


Fig. 4.

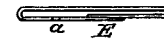
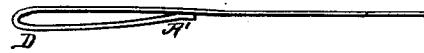


Fig. 6.

Fig. 2.

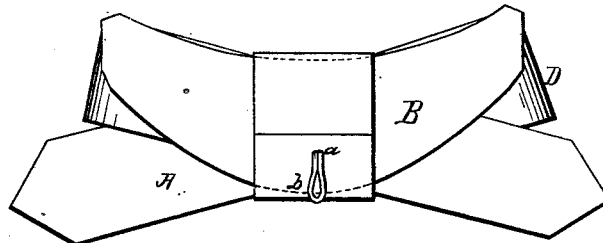
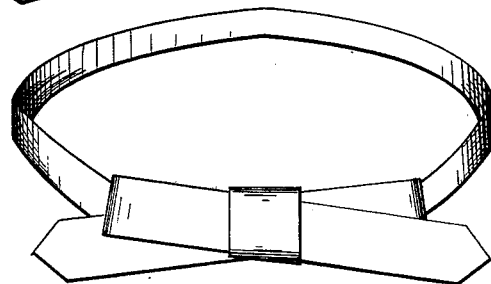


Fig. 7.



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# UNITED STATES PATENT OFFICE.

WILLIAM H. HALSEY, OF NEWARK, NEW JERSEY, ASSIGNOR TO THE  
CELLULOID MANUFACTURING COMPANY, OF NEW YORK, N. Y.

## IMPROVEMENT IN NECK-TIES OR BOWS OF CELLULOID.

Specification forming part of Letters Patent No. **218,019**, dated July 29, 1879; application filed  
March 3, 1879.

*To all whom it may concern:*

Be it known that I, WILLIAM H. HALSEY, of the city of Newark, in the county of Essex and State of New Jersey, have invented a new and useful Improvement in Neck-Ties, of which the following is a specification, reference being had to the accompanying drawings, in which—

Figure 1 is a front view of the neck-tie. Fig. 2 is a rear view of same. Fig. 3 is a plan view of the bow-piece. Fig. 4 is an edge view of same folded. Fig. 5 is a plan view of the strap. Fig. 6 is an edge view of same folded. Fig. 7 is a plan view of a neck-tie having a strap which passes around the neck of the wearer.

The invention relates to an improvement in neck-ties or bows of celluloid, being of that order of apparel usually known as "neck-wear."

The invention consists in forming said article out of the material known as "celluloid," and in so constructing it that the use of rivets, stitches, and other analogous means of securing the elementary parts together may be entirely obviated. The article thus produced possesses a high degree of elasticity and pliability, so that it is not at all liable to break under pressure or violent contact with a harder substance. It is free from odor, and does not evolve any gas or excrescence of a nature calculated to injure the skin or chafe the wearer, in which particulars it is distinguishable from and superior to any device of analogous order heretofore made.

In the accompanying drawings, A A' represent the bow-pieces, one of which, in forming the device, is cemented or otherwise suitably secured to the center of the outer surface of the neck-plate B, and is thence extended along the plate at a slight upward inclination a sufficient distance to form the desired tie. At this point it is bent over in the opposite direction, and the loop or bow D is formed, the free end projecting on the side of the plate B opposite to said loop, the center of that portion of the bow-piece that passes over the portion thereof secured to the plate, as aforesaid, being cemented thereupon. In

this manner one-half of the bow is made. To make the other half the end of the bow-piece A' is cemented to that part of the bow-piece A already secured to the plate, and a loop is formed from it on the opposite side of the neck-plate in a manner analogous to that detailed of the bow-piece A. Thus there are secured to the plate two loose ends and two loops on opposite sides.

The device is completed by passing the strap E over the center of the bow-pieces where secured to the plate and the plate itself, the ends of the strap being cemented together on the inside of the plate, while the aperture *a* in one end of the strap affords a means of permitting the button-loop *b* to pass through, whereby the device or tie now completed, without rivet or stitch, may be secured upon the collar-button.

It is obvious that the device may be made in many other styles, and also that the material employed may be wrought into many fanciful patterns and designs without departing from the limits of the present invention.

The material employed in the bow-pieces A A' and the strap E is celluloid rolled or shaved to the desired thinness, so that it is very pliable, and in this form is very flexible, and not at all apt to break, though it is plain that if greater security against fracture is desired, the parts that are bent may be faced on the inside of the bend with textile fabric, which, by its position, is thus concealed from view, and at the same time affords the desired re-enforcement.

In Fig. 7 is shown a form of bow different from the above, and which is designed more especially to be worn on collars that do not turn down.

The elementary parts of this tie are secured together in part by cement and in part by a rivet; but they may be wholly secured by cement, if desired, and attached in position on the neck by a strap which passes around the collar.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. As a new article of manufacture, a neck-

tie or analogous device formed wholly or in part of celluloid, substantially as specified.

2. The bow-piece A, formed of celluloid, substantially as set forth.

3. The strap E, formed of celluloid, substantially as and for the purpose set forth.

In testimony that I claim the foregoing im-

provement in neck-ties, as above described, I have hereunto set my hand this 4th day of October, 1878.

WILLIAM H. HALSEY.

Witnesses:

JOSEPH COULT,

GEO. H. SMALLEY.