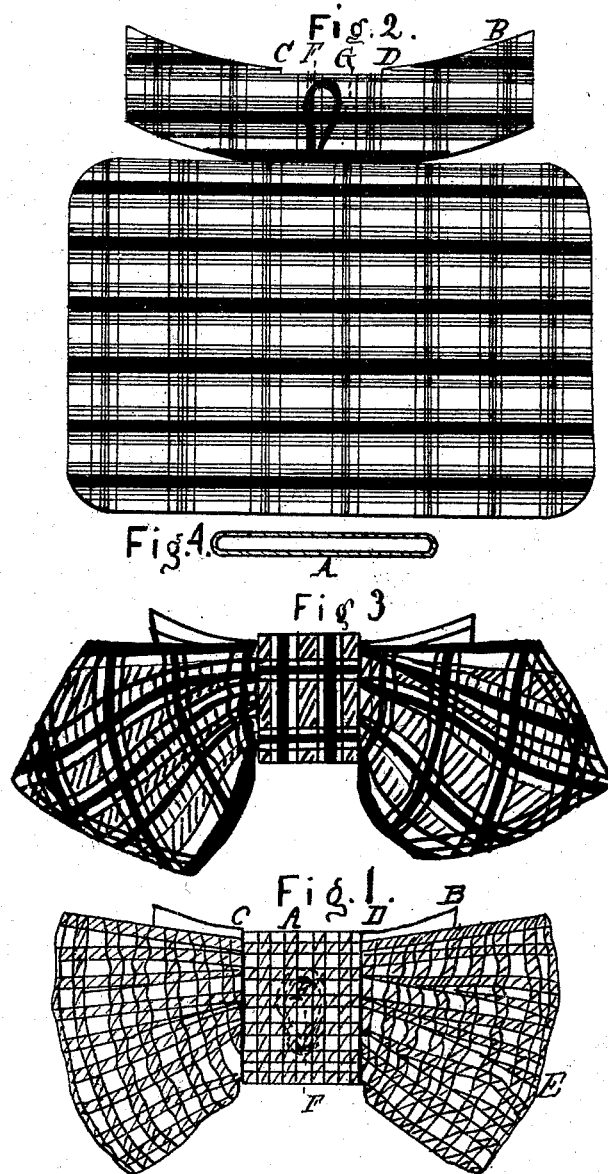


J. Sangster & O. W. Seely

Neck Tie.

N^o 54607.

Patented May 8. 1866



Witnesses

S. M. Sangster
et al.

Inventor

James Sangster
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UNITED STATES PATENT OFFICE.

JAMES SANGSTER AND ORAN W. SEELY, OF BUFFALO, NEW YORK.

IMPROVEMENT IN PAPER NECKTIES.

Specification forming part of Letters Patent No. 54,607, dated May 8, 1866.

To all whom it may concern:

Be it known that we, JAMES SANGSTER and ORAN W. SEELY, of Buffalo, in the county of Erie and State of New York, have invented certain new and useful Improvements in Bows for the Neck; and we hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of our invention consists in making a bow of one piece of paper, which, after being properly folded, is held together with an elastic band; also, of giving the bow the appearance of silk.

To enable others skilled in the art to make and use our invention, we will proceed to describe its construction.

We construct our bow of paper, which is made of various patterns, and by the use of a varnish is made to represent silk. The bows may be made of various styles and patterns.

Figure 1 is a front view of the bow complete, showing the front E, the back B, the elastic band A, the elastic loop F, and the notch C D, made in the back B for the purpose of preventing the elastic band from sliding from the center of the bow, also allowing said elastic band to clasp the bow in such a manner as to hold the back and front firmly together. Fig. 2 is a view of the bow as cut in one piece, showing its shape before being folded, also giving a better view of the elastic loop F, the back B, and the notch C D in said back B. Fig. 3 is a similar view to Fig. 1, only the bow is of a different style and pattern. Fig. 4 is a plan view of the elastic band A as separate from the bow.

The bow is first cut out of the paper with a

knife-edged tool similar to those used in envelope-machines, after which it is pressed between two dies of the proper form to represent the folds of silk. It is then taken between the thumb and forefinger and pressed together, until the elastic band A is passed over it and rests in the notch C D. The elastic loop F is fastened on the back B by tying a knot in each end of a piece of elastic cord, which is cut off the proper length, and passing it through an aperture in the back B. The elastic band A also has an aperture in it, through which said loop is passed when the elastic band is put on the bow. The bow is then varnished with a varnish composed of gum-elemi, gum-sandarac, gum-lac, and alcohol, in about the proportion of one-half ounce gum-elemi, one-half ounce gum-sandarac, and three ounces gum-lac, with enough alcohol to dissolve the gums. The varnish must be allowed to stand for three or four days, and be well shaken about six or eight times each day before using. The top can then be poured off and strained through filtering-paper and bottled for use. The remaining gum is then covered with alcohol and treated as before until all the gum is dissolved.

What we claim as our invention, and desire to secure by Letters Patent, is—

1. The bow made of the parts B and E and folded, substantially as described.
2. In combination therewith, the elastic band A, as shown and described.

JAMES SANGSTER.
O. W. SEELY.

Witnesses:

A. S. MOORE,
S. M. SANGSTER.